PUNJAB

DISTRICT GAZETTEERS,

VOLUME X A.

KANGRA DISTRICT,
PART A.
WITH MAPS.

COMPILED AND PUBLISHED UNDER THE AUTHORITY OF THE PUNJAB GOVERNMENT.

1904.
INTRODUCTORY.

The District of Kangra is the northernmost of the five Districts of the Jullundur Division, and lies between north latitude 31° 20' and 32° 58' and east longitude 75° 39' and 78° 35'. This vast tract, comprising an area of 9,554 square miles, stretches eastwards from the plain country of the Bari and Jullundur Doabs, over the Himalayan ranges, to the boundary of Tibet. It is bounded on the north-east by the great Himalayan range, which forms the valley of the Upper Indus and separates the District from the Tibetan region of Rupshu and the territories of the Chinese Empire; on the south-east by the Hill States of Bashahr, Mandi and Bilaspur; on the south-west by the District of Hoshiarpur; and on the north west by the Chaki torrent, which divides it from the hill portion of the Gurdaspur District, and by the Native State of Chamba. It is divided into seven tahsils, of which five lie in Kangra Proper and two in the Kulu Sub-Division: of the former, three, Hamirpur, Dera and Nurpur, lie along the south-western border of the District, where it adjoins the plains and the Siwaliks, while the Kangra and Palampur Tahsils form the northern boundary and lie at the foot of the main range of the outer Himalayas. Palampur Tahsil being connected by a narrow neck of mountainous country, called Bangadhali, with the outlying tract that forms the Kulu Sub-Division. This last includes the two tahsils of Kulu and Plach or Saraj which, lying on the hither side of the mid-Himalayan range belong to India, and the outlying cantons of Lahul and Spiti, which, situated on the head waters of the Chenab and Sutlej systems respectively, and between the mid and western Himalayas, belong rather to Tibet than to India.

The District contains no large towns, Dharmsala with a population of 6,971 (1901) (including 3,683 in the Cantonment) being the largest. The administrative head-quarters are situated at Dharmsala, a hill-station lying on the slope of the outer Himalayas, some twelve miles north-east of the town of Kangra, which has a population of 4,746. An Assistant Commissioner, in charge of the Kulu Sub-Division, has his head-quarters at Nagar in the Kulu Valley, about 90 miles from Dharmsala.

The latitude, longitude, and height in feet above the sea of the principal places in the District are shown in the margin. The District is almost cut in two by the Native States of Chamba and Mandi which approach each other from the north and south respectively, leaving a narrow isthmus of mountainous country—in places only ten miles across—to unite Kangra Proper with Kulu.
INTRODUCTORY.

Kangra Proper lies to the west of the outer Himalayan range, which in this direction bounds the horizon from the Punjab plains. In shape it is an irregular triangle tapering from the District of Hoshiarpur, which forms its base to the south-west, to a blunt apex in the outer Himalayan range towards Kulu. The eastern block, which forms the Kulu Sub-Division, is almost identical in shape with the western, though on a very much larger scale. Lying wholly among the Himalayas, this mountainous tract follows with curious fidelity the general shape of the smaller triangle, its rugged boundaries serving rather to emphasise the faults than illustrate the lines of the triangular conformation.

There are three main ranges of the Himalayas to be taken into account in the description of this District—the first, the outer Himalayan range already alluded to; the second, the mid-Himalayan or central range of the system; and the third the western Himalayas, which form the southern limit of the valley of the Upper Indus. This eastern block extends from the eastern slopes of the first range to the western slopes of the third. In the trough lying between the first and the central ranges is the valley of Kulu, and beyond the central range lie the two paryanas of Lāḥul and Spiti. Kangra Proper is connected with these its outlying dependencies by the taluka of Bangahal, a narrow strip of territory which lies partly on the Kulu and partly on the Kangra side of the outer range. The Kulu block measures from north-west to south-east about 100 miles, (1) and has a mean breadth of about 80 miles from south-west to north-east. From the point where the Beis emerges upon the plains, a line carried due east and passing through Bangahal to the eastern point of Spiti measures in a straight line 174 miles.

Thus it will be seen that the District naturally breaks up into three distinct portions, which may be roughly defined as follows:—
(1) *outer Himalayan*, consisting of Kangra Proper but excluding Bangahal, (2) with an area of 2,527 square miles and a population of 648,589 souls, or 256.6 to the square mile, (2) *mid-Himalayan* or Kulu (including Saraj or Pîch) and Upper Bangahal, with an area of 2,221 square miles and a population of 119,585 souls, or 53.8 per square mile; (3) *Tibetan*, comprising Lāḥul and Spiti, with an area of 4,806 square miles and a population of 10,436 souls, or 2.2 per square mile.

These tracts are in many respects so distinct that it is quite impossible to bring the whole under any general description; while to treat them separately under each heading would break the continuity of the work. On the other hand, separate statistics are not in all cases available for the three tracts. The first or outer Himalayan tract of Kangra Proper, while comprising not one-third of the area of the District, includes 84 per cent. of the total population, and pays 91 per cent. of the total land revenue. The Gazetteer

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(1) From the Sutlej in Saraj to the most northerly point of Kulu the distance in a straight line is 116 miles.

(2) The area of Upper Bangahal is 228 square miles, and that of Lower Bangahal, which lies on the near side of the outer Himalayan range, is 181 square miles.
This District has, therefore, been divided into two volumes. This is first, though dealing chiefly with Kängra Proper, describes the District as a whole in all respects in which Kulu, Lahul and Spiti do not materially differ from Kängra. It will also contain all the statistics, in giving which, however, separate details will be added, wherever available, for the other three tracts. The remaining three parts, headed respectively Kulu, Lahul and Spiti, contain matter supplementary to the first, and deal with all points in respect of which these special tracts are sufficiently distinct from Kängra Proper to call for separate treatment. These three parts are comprised in the second volume of the District Gazetteer which was revised by Mr. A. H. Diack, C. S., Settlement Officer in Kulu, and published in 1897. In one small point, however, the physical divisions sketched at page 1 will be departed from. The insignificant tract of Bangišhal (see footnote to page 1), though physically belonging to Kulu, is included in the Pālampur Tahsil, and will therefore be treated throughout as a portion of Kängra Proper.

Before, however, proceeding to the description of Kängra Proper, it will be convenient to map out broadly the mountain and river systems of the District as a whole. The range of mountains which separates Kängra Proper from Chamba and Kulu has been hitherto spoken of as one of the main ranges of the Himalayas, and this, from a local point of view, it is. Taking, however, a more comprehensive view of the Himalayan system as a whole, the description is scarcely correct. There are two main Himalayan ranges which, with more or less distinctness, preserve a parallel course from end to end of the system. Of these, the one which, being further from India, separates the upper valleys of the Indus and Sutlej, is commonly called the western Himalayan or Zanskar range, while that which lies nearer the plains is known as the Pir Panjāl or mid-Himalayan. In Kängra the latter of these ranges is orographically represented by the mountains which separate Kulu from Spiti and Lahul. Just at the north-west corner of Kulu these mountains put off a branch which, running southwards for about 15 miles, separates Kulu from Bangišhal. It then divides into two branches, one of which continuing southward divides Kulu from the State of Mandi, and terminates upon the Beās, while the other turns westwards and under the name of the Dhaola Dhār, separates Kängra from Chamba and ultimately sinks upon the southern bank of the Rāvi in the neighbourhood of Dalhousie. These two branches together constitute what has been, and will still for the sake of convenience be, styled the outer Himalayan range. Locally the description is correct, and the range, which is said to have a mean elevation on the Chamba side of 15,000 feet above the sea, is by no means unworthy of the designation. On the Mandi side the elevation is somewhat less. Of the main Himalayan ranges, properly so called, the mid-Himalayas rise abruptly from the valley of the Sutlej and run due north for about 40 miles, separating Kulu from Spiti. They then trend westwards and continue in a north-west direction till they pass beyond this District and enter upon Chamba. A
transverse range branching northwards at a short distance after the
point where the turn takes place in the direction of the main range,
separates Spiti from Lahul and connects them with the western
Himalayas. The latter maintain a course strictly parallel to their
sister range, at first having a northerly direction, then turning
abruptly westwards. The ranges here mentioned are those which
determine the watersheds of the country. The three parallel lines
of mountain with the transverse ranges form four basins in which
four great rivers take their rise—the Beäs, the Spiti, the Chenáb,
and the Rávi. The Beäs rises in the Rohtang Pass which divides
Kulu from Lahul, and after flowing southwards for about 50 miles,
turns abruptly westwards and having traversed the State of Mandi
enters Kangra Proper. It receives the drainage of the Kangra Valley
and then passes on into the Punjab plains. The Spiti, rising in the
District of the same name, runs due south throughout its course,
and joins the Sutlej in the Native State of Bashahr. The Chenáb
and Rávi, rising respectively in Lahul and Bangihal, pass towards
the north-west, north and south of the central Himalayan range,
into Chamba.
PART I.—KANGRA PROPER.

CHAPTER I.—DESCRIPTIVE.

SECTION A.—PHYSICAL ASPECTS.

Kángra Proper is bounded on the south-west by the District of Hoshiárpur; on the north-west by the District of Gurdáspur; on the north by the Native State of Chamba; on the east and south-east by Kulu and the Native States of Mandi and Biláspur. It lies between north latitude 31° 24' and 32° 30' and east longitude 75° 39' and 77° 4'. Along the Hoshiárpur frontier, between the points where the Beis and Sutlej issue upon the plains, the tract measures in a straight line 68 miles. Further east its length increases slightly, so that Sir J. B. Lyall estimated it as having an average length of 80 miles and an average breadth of 36 miles. The total area is 2,527 square miles, and the population (1901) 648,589 souls, being in the proportion of 256.6 per square mile. The average elevation of the cultivated and inhabited portion may be estimated as something less than 3,000 feet. It contains 5 out of the 7 tahsils into which the District is divided, those of Kángra, Palämpur, Núrpur, Dera and Hamírpur. Originally there were only 4 tahsils, and Palämpur was a sub-tahsil of Kángra, but in 1888 Palämpur was formed into a separate tahsil, the area being taken both from Kángra and Hamírpur. The indigenous sub-division of the country was into circles called talukas, the identity of which is still recognised. There are in all 38 taluka sub-divisions which, grouped into the modern tahsils, are as follows:

| Tahsil Kángra— | Dhar Bhol. | Changar-Balihár. |

Tahsil Palämpur—

| Uplá Rájgíri. | Chattar. | Tahsil Hamírpur— |
| Bangáhal. |

Tahsil Núrpur—

| Táhsl Dera— | Harípur. | Tíra. |
| Jawáli. |

Kángra Proper consists of a series of parallel ranges divided by longitudinal valleys, the general direction of which, from north-west to south-east, has determined the shape of the District. Those ridges and valleys increase gradually in elevation as they

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(1) As to the pressure of the population on the cultivated area, see Chapter III, Section A.

(2) For an outline of the general mountain system, see ante pages iii and iv. For geology, see Section B of this Chapter.
CHAP. I. A.

Physical Aspects.

Mountains.

recede from the plains and approach the snowy barrier which forms the northern boundary. The characteristic features of hill and valley are best defined where nearest to the plains. Thus, the border chain which separates the level tracts of the Doab from the hills, runs in a uniform course from Hájipur, on the Beás, to Kupar on the banks of the Sutlej, while the valleys intermingled with them are known as the Jaswan Dún, preserves the same regular simplicity, and stretches in one unbroken parallel to the same extremes. But the further we penetrate into the interior of the mountain system, the less those distinctive lineaments are maintained; hills dissolve into gentle slopes and platforms of table-land, and valleys become convulsed and upheaved so as no longer to be distinguished from the ridges which environ them. The second range is known as the Jaswan chain of hills. It forms the northern flank of the Jaswan Valley, and runs directly parallel to the outer ridge until it nears the Sutlej. Here some internal causes have intervened to disturb the even tenor of its line. Deviating in a slight curve to the south the range divides itself into two distinct branches, preserving the same direction and giving birth to the small secluded valley known by the local name of Chauki Kotlehr, once the limits of a hill principality.

Above this range hill and dale are so intermingled that the system of alternate ridges and valleys cannot be distinctly traced. The order of arrangement becomes frequently reversed; valleys being raised to the dignity and stature of the enclosing hills, and the hills depressed to the level of the subjacent valleys; while transverse ranges occasionally protrude themselves, and tend more completely to perplex the view. Except detached pieces of hills, such as the clear bold outline of the range which overhangs the town of Jawilamukhi, and the noble though limited valleys which adorn the base of the snowy range, there is nothing to the ordinary observer to mark the operation of those general laws which have governed the structure of these hills. To his apprehension the country must appear a confused and undulating mass, with perhaps exceptional breaks to redeem it from the reproach of utter disorder. But to the practical geologist the organization of the hills will be visible even amidst this seeming chaos. His eye will not fail to detect the peculiar formations which denote the presence of dividing ranges, and will supply those links in the continuity of the chain which disturbing causes may have occasionally effaced. Valleys, however transformed, will be valleys to him who looks not to accidental disguises, but to the primary characteristics which nature herself has ordained.

The colossal range of mountains which bounds Kángra to the north(1) deserves more than this passing description. The Dhaola Dhár range, called by Mr. Barnes the Chamba range, is

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(3) This outer range and the Jaswan Dún are in the Hoshiápur District.
(4) Or Chintpurní; see Gazetteer of Hoshiápur.
(5) As to the connection of this range with the general Himalayan system, see ante pages iii and iv.
recognized by General Cunningham in his account of the Great
Mountain Chains of the Punjab, as the first part of the chain which
he designates the outer Himalaya. He put its commencement
on the right bank of the Beis, where that river, leaving Kulu,
makes a sudden bend towards the town of Mandi. From this
point the range runs north; from where the road to Kulu crosses
it by the Dulchi Pass to a point just below the Sarri Pass it forms
the boundary between Kulu and Mandi, and again for some ten
miles farther in the same direction the boundary between talukas
Bangahal and Kulu. It then makes a sudden bend to the west,
and, passing through taluka Bangahal, comes out above the Kangra
Valley, and assumes the name of the Dhaola Dhár. From the point
where it leaves Bangahal to the point where the northern boundary
of Kangra drops down on to the ridge of the small parallel range
known as the Hithi Dhár, for a distance of some 36 miles, it divides
Chamba from Kangra. In Bangahal its highest peaks rise over
7,000 feet, and throughout its course in the Kangra District
the ridge has a mean elevation of more than 15,000 feet. At its
end to the west, on the border of Kulu and Bangahal, it is con-
ected with the parallel range to the north, called by General
Cunningham the mid-Himalaya, by a high ridge some fifteen miles
in length and 18,000 feet in mean height, which, for want of
another name, may be called the Bara Bangahal ridge,—a name
by which Kulu men refer to it.

Although the direction of this range is in general conformity
to that of the lower hills, yet the altitude is so vastly superior, and
the structure so distinct as to require a separate notice. In other
parts of the Himalayas the effect of the snowy mountain is softened,
not injured, by intermediate ranges; and the mind is gradually
prepared by a rising succession of hills for the stupendous heights
which terminate the scene. But in Kangra there is nothing to
intercept the view. The lower hills appear by comparison like
apples on the surface of the sea, and the eye rests uninterrupted on a
chain of mountains which attain an absolute elevation of 18,000
feet above the valleys spread out at their base. Few spots in the
Himalayas for beauty or grandeur can compete with the Kangra
valley and these overshadowing hills.

"No scenery, in my opinion," writes Mr. Barnes, "presents such
sublime and delightful contrasts. Below lies the plain, a picture of rural
wellness and repose; the surface is covered with the richest cultivation,
navigated by streams which descend from perennial snows, and inter-
/ersed with homesteads buried in the midst of groves and fruit trees.
Earning from this scene of peaceful beauty, the stern and majestic hills
front us; their sides are furrowed with precipitous water-courses;
rests of oak clothe their flanks, and higher up give place to gloomy and
conical pines; above all are wastes of snow or pyramidal masses of
granite too perpendicular for the snow to rest on."

The structure of these mountains is essentially different from
that of the lower hills. Granite, the oldest rock, has pierced
through later formations, and crowns the entire mass. The flanks
of the range consist of slate, limestone, and secondary sandstone in
position seemingly reversed to their natural arrangement,—that is, the sandstone, which was deposited latest and above the rest, now occupies the lowest place. The heights of these ridges and the intervening valleys increase in a progressive ratio as they recede from the plains. The elevation of the Doāb at the station of Hoshiārpur is between 900 and 1,000 feet above the level of the sea. The highest point in the first range of hills is 2,018 feet. The elevation of the town of Una, in the Jaswan-Dūn, is 1,404 feet, and may be taken as the mean level of the valley. The fort of Sola Singhi, which stands on one of the highest points of the next range, has been calculated by trigonometrical observation to be 3,896 feet high, and the temple of Jawālamukhi, in the valley below, has an elevation of 1,958 feet. A trigonometrical tower at Gūmbar—a station on the range above the temple—is recorded at 3,900 feet. Beyond this point the hills become too interlaced to pursue the comparison with any profit; but the gradual ascent of the country will be shown by a few of the ascertained heights in the Kāṅgra Valley, and of the most remarkable hills in the neighbourhood.

**Elevation of Selected Points in Kangra Proper.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Elevation above sea-level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hājpur (in Hoshiārpur District)</td>
<td>1,630'</td>
</tr>
<tr>
<td>Hāzwāli</td>
<td>3,202'</td>
</tr>
<tr>
<td>Sola Singhi, on second range</td>
<td>3,821' Ridge</td>
</tr>
<tr>
<td>Jawālamukhi temple</td>
<td>1,258' Valley</td>
</tr>
<tr>
<td>Gūmbar hill station, on third range</td>
<td>3,721' Ridge</td>
</tr>
<tr>
<td>Kāṅgra Fort</td>
<td>2,494'</td>
</tr>
<tr>
<td>Kāṅgra Valley</td>
<td>2,480' Valley</td>
</tr>
<tr>
<td>Pathiār Fort</td>
<td>3,330'</td>
</tr>
<tr>
<td>Snowy Peak at head of Bān</td>
<td>4,596' Ridge</td>
</tr>
<tr>
<td>Gāṅga Nālū.</td>
<td>10,053'</td>
</tr>
</tbody>
</table>

surmounting the whole, is 16,053 feet. The progressive rise of the country (as shown in the margin) will be exemplified more clearly by placing the heights of the successive ranges and valleys in juxtaposition.

The breadth of these ranges and the intervening distances are very uncertain and arbitrary. The ridge which bounds the plains has a uniform width of about twelve miles, and the sides descend in nearly equal angles from the summit. The second range does not possess the same simplicity of structure, though generally more regular than any of the ranges to the north. In its upper portion, the declivities on either flank slope gradually down, affording sites for villages and terraced cultivation. But when the chain divides into two separate branches, the aspect is essentially altered; the hills rise abruptly from the valley below, and the ascent on both sides becomes toilsome and severe; the inclination is too great for anything but forest and underwood to grow. There is usually, however, a good deal of table-land at the top; and though the sides are uninhabited, the crest of the range is occupied by villages and assiduously cultivated. To the north of this range, the hills run into
very variety of form and structure. As a general rule the southern slopes are wild and forbidding, and the crests rugged and angular, forcing scarcely room for the foot tread. But the northern flank of such a range will often offer a striking contrast. The descent becomes gradual and easy, and the jungle and rocks which obstructed the travellers on the other side give way to open fields and farm houses, extending in successive tiers to the stream below. The contour of the snowy range itself is of the same nature. Its appearance towards the plains is abrupt and perpendicular; while the northern spurs sweep in long and gentle slopes to the river Ravi. In other parts, again, the entire range will be covered with dense woods, unrelieved by a single trace of civilized life. Here and there, on crags more than usually steep, will stand a hill fort, once the scene of border hopes and jealousies, but now a mass dismantled ruins deepening the original solitude of the place. Occasionally the hills subside into undulating knolls, scarcely to be distinguished from the level of the valleys. Here the accessible character of the country has early attracted settlers, and the whole expanse toems with the fruits of human industry.

From this description of the Dhaola Dhár it will be seen that it cuts into two halves the taluka of Bangáhal, which, forming a portion of the Pálampur Táhsil, has already been described as the connecting link between Kángra Proper and Kulu. The northern half is called Kára Bangáhal, and is separated to the east from Kulu by the Kára Bangáhal ridge; to the north from Líhál by the mid-Himalayan range; to the west from Chamba by the Manimahes range; and, by line crossing the Ráví, from that range to the Dhaola Dhár. In Kára Bangáhal are situated the head waters of the Ráví, which is already a good-sized river where it passes into the Chamba State. Kára Bangáhal contains only one village, situated at the lowest point of the valley, some 8,500 feet above the sea, and inhabited by some Kanet families. More than once a number of the houses have been swept away by avalanches. On more than three sides the mountains slope steeply up from the very banks of the river, and into peaks of from 17,000 to over 20,000 feet in height. Near bottom of some of the ravines there is a good deal of pine forest; or up come long bare slopes which, when the snows are melted, afford splendid grazing for some three months for numerous flocks of sheep and goats from Mándi, Pálam and lower Bangáhal. Above grazing grounds come glaciers, bare rocks and fields of perennial snow. The southern half of taluka Bangáhal is called Chhota Dhár, and is divided into two parts by a branch range of over 8,000 feet in height thrown out to the south by the Dhaola Dhár. This range which runs above Bír and Komandh, and by road to Mándí. The country to the east of this range is known with Sowár, or Andarla and Bihírla Garh, and contains the head of the U River. Some eighteen or nineteen small villages, noted solely by Kanets and Dágis, are scattered here and there.

The transverse range already alluded to as connecting the Dhaola Dhár with the mid-Himalayan range. It is some 15 miles in length and 18,000 feet in mean
in the lower part of the valleys. The slope of the ground is everywhere very steep, and the general appearance of the country wild and gloomy. Considering the southern aspect of the country it is extraordinary that glaciers are found so low down and that the climate is so cold as it is. The rest of the taluka to the west of the range above Bir is generally known as Bir Bangáhal. It is shut in from the Kangra Valley by a range (the Paprola Dhür) low at this point, but which, after crossing the Binoa at Paprola, runs a long course in Mandi, where it acquires the name of the Sikandari Dhür, and attains a considerable elevation. Bir Bangáhal is one of the prettiest parts of the District, but, though it has some character of its own, it is in all respects too like the rest of the country along the foot of the Dhola Dhür to require a separate description; the same may be said of its population, in which there is only a small admixture of Kanets and Digis.

The following list of the heights in feet above sea-level was obtained by Mr. Barnes from the Trigonometrical Survey Office in 1850, viz.:—

MEMO OF TRIGONOMETRICAL HEIGHTS IN KANGRA, MANDI AND KULU TAKEN FROM THE GREAT TRIGONOMETRICAL SURVEY.

<table>
<thead>
<tr>
<th>Places and points intersected</th>
<th>Trigonometrical heights</th>
<th>District</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above sea-level, Feet.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sola Singh Fort, platform</td>
<td>3,521</td>
<td>Kangra.</td>
</tr>
<tr>
<td>Kotehr Fort</td>
<td>3,539</td>
<td>Do.</td>
</tr>
<tr>
<td>Jawálagarh Fort, above Jawálamukhi</td>
<td>3,350</td>
<td>Do.</td>
</tr>
<tr>
<td>Kotila or Kotla Fort, Nápur Road</td>
<td>2,151</td>
<td>Do.</td>
</tr>
<tr>
<td>Nápur Fort, parapet wall of flag-staff</td>
<td>2,125</td>
<td>Do.</td>
</tr>
<tr>
<td>Háthi-ka-Dhür, platform on summit</td>
<td>5,329</td>
<td>Do.</td>
</tr>
<tr>
<td>Táarak Fort (top of white tower)</td>
<td>4,305</td>
<td>Chamba.</td>
</tr>
<tr>
<td>Tilokkhal Fort, Hálukhánk</td>
<td>2,445</td>
<td>Kangra.</td>
</tr>
<tr>
<td>Sháhpur platform, Kangra Valley</td>
<td>2,458</td>
<td>Do.</td>
</tr>
<tr>
<td>Kalús, hill station, near high road from Ambi to Kangra</td>
<td>3,140</td>
<td>Do.</td>
</tr>
<tr>
<td>Bihu Fort</td>
<td>3,229</td>
<td>Do.</td>
</tr>
<tr>
<td>Sídhpur Tower, Haripur</td>
<td>3,684</td>
<td>Do.</td>
</tr>
<tr>
<td>Síd (near Nálaun)</td>
<td>6,150</td>
<td>Mándi.</td>
</tr>
<tr>
<td>Babauri Devi, hill station, Sikandar range</td>
<td>6,744</td>
<td>Do.</td>
</tr>
<tr>
<td>Morári Devi, ditto ditto</td>
<td>7,184</td>
<td>Do.</td>
</tr>
<tr>
<td>Pátakál, ditto near road on ridge from Kangra to Mándi.</td>
<td>6,090</td>
<td>Do.</td>
</tr>
<tr>
<td>Banga, ditto ditto ditto</td>
<td>7,957</td>
<td>Do.</td>
</tr>
<tr>
<td>Langot hill station, ridge above Gana Salt Mines</td>
<td>11,522</td>
<td>Kula and Mándi boundary.</td>
</tr>
<tr>
<td>Jángartilla, hill station, a mile west of Bahan-ka-jot</td>
<td></td>
<td>Do.</td>
</tr>
<tr>
<td>Háthipur old fort, same ridge</td>
<td>10,469</td>
<td>Kángra.</td>
</tr>
<tr>
<td>Madanpur ditto ditto</td>
<td>9,224</td>
<td>Do.</td>
</tr>
<tr>
<td>Kókán, hill station, above Kokán village</td>
<td>8,595</td>
<td>Kula.</td>
</tr>
<tr>
<td>Págni, ditto Bíser</td>
<td>12,341</td>
<td>Do.</td>
</tr>
<tr>
<td>Sújpur Monešam, on Béva</td>
<td>2,022</td>
<td>Kángra.</td>
</tr>
<tr>
<td>Asápuri, revenue hill station, platform</td>
<td>4,655</td>
<td>Do.</td>
</tr>
<tr>
<td>Tára, hill temple</td>
<td>2,645</td>
<td>Do.</td>
</tr>
<tr>
<td>Jawálamukhi temple</td>
<td>1,938</td>
<td>Do.</td>
</tr>
<tr>
<td>Pathiár Fort, revenue hill station, platform</td>
<td>4,506</td>
<td>Do.</td>
</tr>
<tr>
<td>Choláng-díáhu, hill station</td>
<td>3,444</td>
<td>Do.</td>
</tr>
<tr>
<td>Kándsbóra, revenue hill station, platform</td>
<td>3,273</td>
<td>Do.</td>
</tr>
<tr>
<td>Bawárañ bázár (flag on road through bázár)</td>
<td>2,810</td>
<td>Do.</td>
</tr>
<tr>
<td>Negorá bázár ditto ditto</td>
<td>2,810</td>
<td>Do.</td>
</tr>
<tr>
<td>Hánístilla, hill station</td>
<td>10,252</td>
<td>Do.</td>
</tr>
<tr>
<td>Chándbarastilla, hill station</td>
<td>9,052</td>
<td>Do.</td>
</tr>
</tbody>
</table>

(7) Claimed also by Suket.
### Places and points intersected.

<table>
<thead>
<tr>
<th>Places and points intersected</th>
<th>Trigonometrical heights above sea-level, Feet.</th>
<th>Districts.</th>
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</thead>
<tbody>
<tr>
<td>Kangra temple</td>
<td>4,742</td>
<td>Kangra.</td>
</tr>
<tr>
<td>Jasia, revenue hill station, platform</td>
<td>3,500</td>
<td>Do.</td>
</tr>
<tr>
<td>_Sukho, revenue hill station, platform</td>
<td>3,514</td>
<td>Do.</td>
</tr>
<tr>
<td>_Kangra, public temple</td>
<td>2,574</td>
<td>Do.</td>
</tr>
<tr>
<td>_Kangra Fort, foot of staff</td>
<td>2,494</td>
<td>Do.</td>
</tr>
<tr>
<td>_Kangra Dik langahow</td>
<td>2,580</td>
<td>Do.</td>
</tr>
<tr>
<td>_Bilaspur 'autonomenst, foot of flag-staff</td>
<td>4,133</td>
<td>Do.</td>
</tr>
<tr>
<td>_Bilaspur, Gurkha lines</td>
<td>4,000</td>
<td>Do.</td>
</tr>
<tr>
<td>_Dharmasala Church</td>
<td>9,500</td>
<td>Do.</td>
</tr>
<tr>
<td>_Dharmasala, revenue hill station, platform</td>
<td>9,280</td>
<td>Do.</td>
</tr>
<tr>
<td>_Barangari Fort (old)</td>
<td>10,324</td>
<td>Kulu.</td>
</tr>
<tr>
<td>_Dehribar old fort</td>
<td>9,598</td>
<td>Kulu.</td>
</tr>
<tr>
<td>_Beas River, near Lambagraon</td>
<td>1,833</td>
<td>Do.</td>
</tr>
<tr>
<td>_Baranath Temple, Bajpuri</td>
<td>3,412</td>
<td>Do.</td>
</tr>
<tr>
<td>_Aljin Fort, highest building</td>
<td>4,950</td>
<td>Mandi.</td>
</tr>
<tr>
<td>_Kamla Fort, hill temple</td>
<td>3,328</td>
<td>Do.</td>
</tr>
<tr>
<td>_Chabutrahati, on high read</td>
<td>3,103</td>
<td>Do.</td>
</tr>
<tr>
<td>_Guma village, above Salt Mines</td>
<td>9,895</td>
<td>Do.</td>
</tr>
<tr>
<td>_Tang hill temple (near old fort)</td>
<td>11,135</td>
<td>Do.</td>
</tr>
<tr>
<td>_Shikari Debi</td>
<td>2,557</td>
<td>Do.</td>
</tr>
<tr>
<td>_Mandi Temple, on Beas River</td>
<td>6,743</td>
<td>Do.</td>
</tr>
<tr>
<td>_Dulhi Pass</td>
<td>3,450</td>
<td>Kulu.</td>
</tr>
<tr>
<td>_Baba Pass</td>
<td>3,946</td>
<td>Mandi.</td>
</tr>
<tr>
<td>_Bira, hill fort</td>
<td>9,406</td>
<td>Kulu.</td>
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<tr>
<td>_Saribha, hill station</td>
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<td>Do.</td>
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<tr>
<td>_Siani, old fort</td>
<td>4,149</td>
<td>Bilaspur.</td>
</tr>
<tr>
<td>_Tianu, old fort</td>
<td>3,255</td>
<td>Suket.</td>
</tr>
<tr>
<td>_Baned Palace, Suket</td>
<td>4,118</td>
<td>Kulu.</td>
</tr>
<tr>
<td>_Town of Suket</td>
<td>20,477</td>
<td>Do.</td>
</tr>
<tr>
<td>_Sultanzpur, Dwarkhanda dome</td>
<td>15,183</td>
<td>Kulu and Chamba boundary.</td>
</tr>
<tr>
<td>_Deotiba, Snowy Peak</td>
<td>7,163</td>
<td>Chamba.</td>
</tr>
<tr>
<td>X.  Snowy Peak</td>
<td>16,729</td>
<td>K. Kangra and Chamba boundary.</td>
</tr>
<tr>
<td>B.  Snowy Peak (Gairu-ka-jot)</td>
<td>15,957</td>
<td>Do.</td>
</tr>
<tr>
<td>V.  Snowy Peak (Thamser-ka-jot)</td>
<td>14,176</td>
<td>Do.</td>
</tr>
<tr>
<td>A.  Snowy Peak (above Bajair village)</td>
<td>14,183</td>
<td>Kangra.</td>
</tr>
</tbody>
</table>

### Valleys.

Of the valleys of the system, only the Jaswan Dūn in Hoshiarpur has any pretensions to symmetrical arrangement. Its average width is about ten miles. The next valley, though less clearly defined, is distinctly traceable from Datwāl, on the borders of Kahlur, to Shahpur on the banks of the Rāvi. It runs the entire length of the Kangra District, and traverses the Tahsil of Hamirpur, Dera and Nurpur. At the south-eastern extremity the valley is little more than a ravine between the ridges that environ it. The surface is extremely rugged and broken, and from point to point is scarcely five miles broad. Across the Beas, which intersects the valley at Nādaun, the space widens and below the town and fortress of Haripur expands into a noble and fertile plain, inferior only to the valleys that skirt the snowy range. Beyond Haripur the country again becomes contracted and uneven and, with few exceptions, wears the same appearance until it reaches the Rāvi. The upper valleys of Kangra are worthy of the range under whose shelter they are embosomed.

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*The width ranges from four to fifteen miles.*
As this gigantic chain surpasses all its fellows in sublimity and grandeur, so the Kangra basin for beauty, richness and capacity stands equally unrivalled. The length of the valley may be computed at twenty-six miles; the breadth is irregular. Towards its eastern extremity, the valley extends in one continuous slope from the base of the hills to the bed of the river Beas, a distance of twenty miles. Near the town of Kangra a series of low tertiary hills encroaches upon its limits and reduces the width to twelve miles. Higher up, in a north-westerly direction, the valley becomes still more confined and is at last terminated by a low lateral range covered with dwarf oaks, an offset from the upper hills. After a short interval continuations of the same basin again re-appear in the Native State of Chamba.

From end to end of the District the contour of the valley is pleasantly broken by transverse ridges and numerous streams which descend from the mountains above. A hundred canals, filled with clear water, intersect the area in all directions, and convey irrigation to every field. Trees and plants of opposite zones are intermingled, alpine vegetation contending for pre-eminence with the growth of the tropics. The bamboo, the pipal and the mango attain a luxuriance not excelled in Bengal; while pines and dwarf oaks, the cherry, the barberry and the dog-rose flourish in their immediate vicinity. Among cereal productions rice and maize alternate with wheat, linseed, and barley; and three-fifths of the soil yield double crops in the course of the year. The dwellings of the people lie sprinkled in isolated spots over the whole valley, every house encircled by a hedge of bamboos, fruit trees and other timber useful for domestic wants. Sometimes a cluster occurs of five and six houses, and here a grain-dealer’s shop and extensive groves denote the head-quarters of the township. These scattered homesteads, pictures of sylvan elegance and comfort, relieve the monotonous expanse of cultivation and lend an additional charm to the landscape.

The mountains not yet described belong to a later formation. Instead of the secondary sandstone we have a clay soil and rounded pebbles mixed with conglomerate rocks. Such, for instance, are the low alluvial eminences which constitute the talukas of Bargirion, Tiru, Mahal Mori, and the portion of Rajgiri south of the river Beas. An English traveller, Mr. Vigne, passing through the hills of Mahal Mori, compared them not inaptly to an agitated sea suddenly arrested and fixed into stone. The crests are like angry waves succeeding one another in tumultuous array, and assuming the most fantastic forms. Viewed from a distance, when the tops alone are visible, these hills have a bleak and barren aspect. Their sides are often bare and precipitous and the whole tract is entirely destitute of forest trees. Between these dreary hills, however, are fertile glades and hollows where cottages nestle under the hill-side and corn waves luxuriantly, protected from the winds that desolate the heights above.

The Beas is the principal river of Kangra Proper, and, with few exceptions, receives the entire drainage of its hills. It rises in the
The Beas.

The Beas, or Kamran Sui, is a river that enters Mandi District at Sanghol, from the Jigiri range on the eastern front. From this point, the river follows a south-westerly course, piercing the Jawalamukh range of hills and descending into the valley of Nadaun. Here, the Jaswan chain further obstructs its passage to the south, and the stream trends north-west along a direction parallel to the strike of the hills. At Mirthal Ghat beyond Hajipur, the hills subside, and the river sweeps around their base, flowing in an uninterrupted line towards the plains and the sea. The direct distance from Sanghol to Mirthal is about 65 miles, and the meandering line of the river is about 130 miles. From Sanghol to Reh, in the Nurbur Tahsil, the river generally maintains one channel. Below this point, it divides into three branches, but shortly after passing Mirthal, it again reunites into one stream. The elevation of the bed of the Beas at Sanghol is 1,920 feet and at Mirthal about 1,000 feet, which gives an average fall of seven feet to every mile of its course.

The river is at its lowest during the winter months of December, January, and February. During this season, the water is clear and transparent, and the banks are deep lagoons. After February, the current gradually increases in depth and velocity, as the snows begin to melt, and the river becomes clear. The water becomes slightly more discoloured and the stream more rapid until the periodical rains commence. During July and August, the floods are at their height. The broad, stony bed of the river is then a sheet of water; every rock and island is temporarily submerged, and the distinctions of reach and rapid are lost in one hoarse, turbid and impetuous current. The banks of the river are generally abrupt; there is some cultivation below Dera; further down below Uthana, the hills lose themselves in the plain, the country becomes more open, and the stream spreads through a level country. The river’s bed is for the most part rocky, and during the flood season huge boulders and masses of rock become displaced, and are carried away by the force of the current. There are a few islands in different parts of the river, but they are too small to be brought under cultivation. During the winter months, the river becomes fordable, particularly in places where the stream is divided into two or more channels. At all other times, the tortuous course of the river, the uncertainty and narrowness of the main channel, the force of the current and the number of rapids render the river extremely dangerous to boats, and it is not navigable except for ten or fifteen miles before it leaves the District. During the winter months, however, a small fishing punt can go with safety the whole way down the river from Nadaun with the exception of one or two rapids.

There are ferries at intervals where boats ply with safety all the year round. A bridge has been built at Mandi, the head-quarters of the Mandi State, 2,557 feet above the sea. The highest point of the river where a ferry boat is used is Sanghol below the town of Mandi where Kângra Proper begins. From Sanghol to

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**CHAP. I, A.**

**Physical Aspects.**

**The Beas.**
Mirthal there are thirteen ferries, chiefly opposite large towns or on high roads.

The most important of these ferries are at Tíra Sujánpur, Nádaun, Chamba, Dáda Siba, Re, and Ríaí. A list showing distances is given in the margin. At the Tíra ferry, communication by boat is suspended during the height of the rains, owing to the dangerous velocity of the current and the rocky character of the channel.¹⁰

There is a bridge of boats at Dera, on the Hoshiárpur and Kángra road. It is open between October and May, but dismantled during the four months of the flood season.

Above and between these ferries there are numerous petty crossings where travellers and goods are carried over on járás or inflated skins. The people who work these skins are Hindús of low caste, but bold and skilful in their calling. They will launch out in the heaviest floods, when a boat would be utterly unmanageable. The plier balances himself with his belly resting across the skin, the hands in front, and the legs unencumbered hanging on the other side. In his right hand he carries a small paddle, and his legs are worked in unison with the movements of the hand. The traveller sits astride on the skin, inclining himself forward over the balanced body of the conductor. Sometimes another járás will accompany for safety, and carry the traveller’s load. In violent floods, when the waves are high, accidents sometimes occur; the skin comes in contact with a wave, and the shock unseats the inexperienced wayfarer. But the plier and his skin seldom part company, and are almost certain to come to shore. These skins are not sewn. The animal is eviscerated through a cut made in the hind leg. The skin is then turned inside out, filled with air and tied tightly with string. Hindús not only cross on these járás but have no objection to carrying their food on them. The water of the Beás is not extensively used for irrigation, the confined nature of the stream and the abruptness of the banks making such use of its water impossible. Below Dera there are a few irrigation channels deriving their supply from the river.

The principal tributaries of the Beás during its course through Kángra Proper descend from the lofty range which divides the District from Chamba. The first of these is the Binot, which rises in the hills above Bajínáth, a celebrated hill shrine, and after receiving the Awa, a snow-born stream, and two or three minor affluents, joins the Beás above Sanghol. This river is remarkable as the boundary during the lower part of its course between Mandi and Kángra. Next comes the Nigal, a stream which discharges itself....

¹⁰ The right to take tolls at each of these ferries is auctioned every year; in 1903 the total sum realised by the auctions was Rs. 16,023.
to the main artery opposite Tiru Sujānpur. Then succeed the Bān Ganga, running under the walls of Kāṅgra, and the Gaj, memorable as the route by which a siege train of artillery in 1846 attained the upper valleys; the Dehr, which flows past the fortress of Kotla, is a tributary of the Gaj; lastly comes the Chaki, which now forms the boundary of the District, separating it from Gurdāspur. All these rivers have their source in the snowy range. These are the principal feeders which enter on the right bank of the river. Each of them before reaching the Beās is swollen by the accession of many petty rivulets, and is the centre in itself of a separate system of drainage. On the left bank, the tributaries are few and unimportant. Two streams, the Kunah and the Mān, join the Beās near Nādaun, and another, the western Solān, mingles its waters near Tilwāra. These are the only perennial streams, and the volume of them all would not equal the smallest of the northern affluents.

The northern tributaries on their course to the Beās, and the smaller streams which flow into them are all available for the purposes of irrigation. The Awa and Nigal are proverbially the life-blood of the Pālam Valley. The Bān Ganga and the Gaj do double duty, and, after irrigating the upper valleys of Kāṅgra and Riblu, descend to fertilize the level expanse beneath Haripur called the Hal Dūm. The Dehr and the Chaki each according to its extent, diffuse abundance along their banks. The Mān and Kunah run in deep channels and yield no water for purposes of irrigation. These streams become angry and dangerous torrents in the rains. Those that rise in the snowy range remain surcharged for days and utterly impassable. At all times during this season the passage is one of difficulty and hazard, particularly in the upper part of the river’s course; the bed of the stream is choked with boulders thrown off from the mountains above, and the fall is so rapid that few can stem with safety the velocity of the current. The footing once lost is never recovered, and the unfortunate traveller is whirled to his fate against the rocks below. Lower down, when boulders cease and the streams run smooth, inflated skins are used for crossing.

On the Geology of the District, Mr. H. H. Hayden writes:—

All three facies of the stratified rocks of the Himalayas are represented in the Geology of this District. To the north in Spiti, the Tibetan zone is represented by a series of beds extending in age from Cambrian to cretaceous; this is separated from the central zone by the granite range between Spiti and Kulu. The rocks of the central zone consist of slates, conglomerate and limestone, representing the infra-Blaini and overlying systems of the Simnâ area. Still further to the south the third or Sub-Himalayan zone consists of shales and sandstones (Sirmûr series) of lower tertiary age and sandstones and conglomerates belonging to the upper tertiary Siwâlík series. The slate or quartz-mica-schist of the central zone is fissile and of considerable value for roofing purposes, and is quarried at and round Kaniara. Gypsum occurs in large quantity in lower Spiti.

The following account of the Fauna of the District has been very kindly contributed by General Osborn:

The arrangement of the beasts and birds included in this list is carried out more in accordance with the general interest they create, than with the rigid classification of the naturalist, though the latter point has not altogether been lost sight of.

To begin with the Felidae, the first member of this family to be dealt with is the tiger (Felis Tigris). A wandering tiger will visit the District occasionally, but tigers, in these days, cannot be said to be indigenous to these hills and jungles. Individual tigers, straying up from the low countries beyond the Sutlej, establish themselves now and then in some quiet neighbourhood, and spread terror among the villages around. The panther (Felis Pardus) is very common, though too vigilant to be frequently met with by sportsmen. Panthers are very destructive to the flocks of sheep and goats which pasture on the hill-sides and will carry off a dog from the road or even the verandah of a bungalow. Men and women, when wandering in the jungles have sometimes been killed by these beasts. There is no doubt that a panther now and then becomes a man-eater, he is then very dangerous to wood-cutters, and others who range the hills and forests and has been known to carry off villagers from their houses at night. Such an animal is believed by the natives to be the embodied spirit of some human monster, and is spoken of as a Virt. When wounded, the panther is certainly dangerous, though if driven he will prefer if possible to slip away without an encounter. Villagers kill many panthers, generally by concealing themselves near a kill, when, at short range, their old guns are effective enough.\(^{11}\)

A rare species of leopard (Felis Uncia), the ounce, or snow leopard of sportsmen, rather smaller than the common one, is found throughout the Himalayan ranges, though never very much below the snows, at elevations varying with the season, from 9,000 feet to 18,000 feet. It is said to be more common in Lâhul and Spiti.

The other true members of the Felidae found in the Kangra District are the leopard cat (Felis Bengalensis), a beautiful little cat, very destructive to game birds, especially to the young of pheasants and chilkor. It is not very partial to the vicinity of villages and houses, preferring the rocks, woods and forest. Lastly there is the common jungle cat (Felis Chaus) which, unlike the leopard cat, is frequently found near villages, where even in the daytime it is most destructive to poultry. Melanoid specimens of this cat have been found. As this cat is related to the lynxes, and in fact may be called a lynx cat, it is well to mention here the red lynx (Felis Caracal), a rare animal in the Punjab, which however has been seen in the Kangra District.

\(^{11}\) Rewards are offered by Government for the destruction of tigers, panthers, bears, hyenas, and wolves. Between 1897 and 1901 rewards were given for the destruction of 797 bears, 478 leopards, 16 wolves, and 2,669 snakes, besides 17 mad dogs and 13 mad jackals—at a total cost of Rs. 8,318.
The hyena being placed by naturalists next to and before the civets, may be mentioned here as being common in the low parts of the District.

The Viverridae or civet family is represented in this district in the low hills and jungles by the common musang (Paradoxurus Musanga), the Toddy cat, or tree cat of Europeans, and on the high ranges of mountains, especially in the Kulu country, by the hill musang (Paradoxurus Grayii), known to the Kulu people by the name of \textit{bansuka}. This latter animal keeps much to the forests and mountains, but when the fruit in the gardens and orchards is getting ripe, it is common near villages and houses where there are fruit trees, and it is most destructive to fruit of all kinds. It is also said to plunder the village bee-hives in winter.

Two interesting members of the marten and weasel tribe must be mentioned. The first is the pine marten (Martes Abietum), which is found from the bank of the river Beas right up to the higher Himalayan region. This marten is destructive to game and most feathered creatures, and even the fawns of the barking deer are not safe from its attacks. The village bee-hives are often robbed by the marten cats at night, at certain times of the year, especially in winter, when other food is scarce. The second is the Himalayan weasel (Mustela Hodgsoni), a savage little animal, which small as it is will defend itself with much fierceness against a dog.

There are two otters found in Kangra, the first is the common Indian otter (Lutra Nair), which occurs right up to the foot of the Himalayas and in the Sutlej and Beas rivers, but in the mountainous part of the District it is replaced by the clawless otter (Lutra Leptonyx). Their skins are valuable towards the end of winter, when the fur is thick. The common otter however has been seen at Dharmshala.

Turning now to the larger animals, of bears there are two kinds in the Kangra District. The first is the Himalayan brown bear (Ursus Isabellinus), which is found very high up in the Himalayas in summer close to the snow. In autumn it descends lower to feed on acorns, the tips of wild roses, walnuts, and other fruit and berries. The second is the Himalayan black bear (Ursus Tibetannus). In summer it is found at great elevations, but towards and during autumn, it descends to five thousand feet, and lower, when other food fails. It is very destructive among flocks and herds.

The wolf (Canis Pallipes), is found in the lower parts of Kangra, but it is becoming scarce owing to constant persecution, a reward of five rupees for each wolf killed being paid by Government. In the high Himalayan region of Lahul, is found another species, the Tibetan wolf (Canis Laniger). A black variety of this wolf is sometimes found.

The Indian fox (Vulpes Bengalensis), is common in the low hills plain country of the District, while in the forest hills and mountainous parts, that very handsome animal the mountain fox of Asia
(Vulpes Montanus), is very numerous. All over the District, on hill, mountain and plain, the jackal abounds.

In the Kangra District the members of the deer tribe are the spotted deer (Axis Maculatus), the hog deer (Axis Porcinus), and on the very high Himalayan ranges in Kulu and Lahul, the musk
deer (Moschus Moschiferus). In the low hills the barking deer (Cervulus Aureus), is very common.

All over the Kangra hills the wild hog (Sus Indicus), is the most numerous of all the game animals. In these hills the boars
grow to a very large size and are very destructive to the crops. The following measurements have been obtained by a well-known sportsman: height at the shoulder, thirty-six inches; length from
tip of nose to end of tail, six feet two inches; length of tail, one foot. There is another variety occupying the same jungles, which
is only three-quarters the size of the large kind. There is no other specific difference between them. The shikaris of the Kangra
country declare that the smaller variety of wild boar is more savage and dangerous, when wounded, than the larger kind.

It is impossible in the space available to deal with such a large order as the Rodentia. There are a few members of this order, how-
ever, which must not be omitted. There are two varieties of the hare in India, Lepus Ruficondatus, and Lepus Nigricolor; the latter is never found so far north as Kangra. The porcupine (hystrix leucura) is found up to an elevation of six or seven thousand feet. The large flying squirrel (Pteromys magnificus), abounds in
the pine forests of Kulu, though not often seen, as it is strictly nocturnal in its habits. Lastly in the Himalaya must be mentioned
the mouse hare, a small and rat-like creature, destitute of even a rudimentary tail, very pretty and possessed of a very soft fur. It
is met with at an elevation of about eleven thousand feet in upper Kulu, and continues all through Lahul and the high Himalayas.

A list of the antelopes and of the Himalayan animals of the sheep and goat tribe, and of the game birds found in the District
is given below.

All the migratory waterfowl that visit the Punjab are found in
the Kangra District. At least three kinds of wild geese, the Pink-footed Geese, the Grey Lag, and the Barheaded Goose, are met with,
principally along the course of the river Beas. Teal and wild duck
of many sorts are plentiful on the same river and the hills near it.

Swans occasionally visit the District, and that bird, rare to
India, the Hooper Swan (Cygnus Muscicus), has been seen on the river Beas, where one was shot some few years ago. This is believed
to be the only Hooper Swan that has been obtained in India either
by naturalists or sportsmen. More than seventy years ago one
specimen was secured in Nepal by Hodgson, the Naturalist.

The Eagles, Hawks and Buzzards are well represented in the
Kangra country, so are the Vultures, from the Lammergeyer to
the common brown Vulture, the two largest members of this family being the Great Brown Vulture (Vultur Monachus), which is rather rare, and the large Tawny Vulture (Gyps Fulvus).

It will be readily understood that a few only of the more prominent species of the beasts and birds inhabiting the Kangra District have been mentioned. The mountains, valleys, plains and the different zones of climate represented in Kangra, offer to the student of natural history in all its branches a wide field, which up to the present time has not been thoroughly explored or exhausted.
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<td>Tiger</td>
<td>Felis Tigris</td>
<td>Sher</td>
<td>Mirg</td>
<td>Chitra,</td>
</tr>
<tr>
<td>Leopard</td>
<td>Felis Leopardus</td>
<td>Chīna</td>
<td>Chītī Billi</td>
<td>Baragh,</td>
</tr>
<tr>
<td>Panther</td>
<td>Felis Pardus</td>
<td>Chitū Billi</td>
<td>Ban Bīllī</td>
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</tr>
<tr>
<td>Leopard Cat</td>
<td>Felis Bengalensis</td>
<td>Jangli Billi</td>
<td>Tārāk</td>
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<tr>
<td>Wild Cat</td>
<td>Felis Chaus</td>
<td>Tārāk</td>
<td>Musāk Bīllī</td>
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<tr>
<td>Hyena</td>
<td>Hyaena Striata</td>
<td>Pahari Musāk Bīllī</td>
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<tr>
<td>Civet or Tree Cat</td>
<td>Paradoxinus Musanga</td>
<td>Panī Kutta</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hill Civet Cat</td>
<td>Paradoxurus Grayii</td>
<td>Lōl Bālū</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pine Marten</td>
<td>Martes Abietum</td>
<td>Kāla Bālū</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otter</td>
<td>Lutra Nair</td>
<td>Lānda</td>
<td>Not known below Lāḥul</td>
<td></td>
</tr>
<tr>
<td>Red Bear</td>
<td>Ursus Lezbūlīnus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black Bear</td>
<td>Ursus Tibetānus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wolf</td>
<td>Canis Ĺatīlpēsa</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tibetan Wolf</td>
<td>Canis Laniger</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild Hog</td>
<td>Sus Indiens</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spotted Deer</td>
<td>Axis Maculatus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hog Deer</td>
<td>Axis Porcinus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barking Deer</td>
<td>Cervulius Aurėns</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Musk Deer</td>
<td>Moschus Mocheferus</td>
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<td></td>
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</tr>
<tr>
<td>Nilgai</td>
<td>Portax Pītas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indian Antelope</td>
<td>Antelope Bezzonteca</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Porcupine</td>
<td>Hystrix Lyncaura</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Haro</td>
<td>Lepus nīgricollis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flying Squirrel</td>
<td>Scirrus Magnificus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hex</td>
<td>Capra Bizrica</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thar</td>
<td>Hemitragus Jemalacuș</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serow</td>
<td>Nēmōrōkhēna Bōhalīna</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goral</td>
<td>Nēmōrōkhēna Goorāl</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Barhel</td>
<td>Ovis Nāhara</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Argali or Ovis Ammon</td>
<td>Ovis Hodgsoni</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yak</td>
<td>Ovis Hodgsoni</td>
<td></td>
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</tr>
</tbody>
</table>

**Kānga District**

- Chitī Billi
- Ban Bīllī
- Tārāk
- Musāk Bīllī
- Pahari Musāk Bīllī
- Panī Kutta
- Lōl Bālū
- Kāla Bālū
- Lānda
- Not known below Lāḥul
- Sūr
- Chitū Bāllū Sīnga, Jhānak
- Pārā Kakar
- Kākār
- Kāstūn, Rānna
- Līlgu, Ban Gai, Roj
- Hīrān
- Sōh
- Sēru, Phāru, Khargosh
- Bānchhīrī, ghaaind
- Kārth
- Sēru
- Bān Bākri, Pīj

**Kulu**

- Chithi Billi
- Ban Bariāla
- Lāgar Bānāra
- Ban Sūkā
- Gōtā
- Uddār
- Rattā Gāl
- Rīchī, Chīlā Gāi
- Chharg (Lāḥul)
- Sūr
- Pārā
- Jānglī Bakri
- Kāstūrā Bīna
- Khargosha, Jā
- Tungōl
- Kārth
- Yāmū
- Ban Bākri
- Māītu (Lāḥul)
- Nīn
- Dōkī́ Bānchhār (Lāḥul and Spīti)
# English, Scientific, and Local Names of Some of the Beasts and Birds Found in the Kangra District

<table>
<thead>
<tr>
<th>English Names</th>
<th>Scientific Names</th>
<th>Urdu Names</th>
<th>Kāngra Names</th>
<th>Kulu Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Hill partridge</td>
<td>Arboricola torquedula</td>
<td>Piara, Kaindel, Pahāri Tītār</td>
<td>Ban Tītār</td>
<td></td>
</tr>
<tr>
<td>Peacock</td>
<td>Pavo Cristatus</td>
<td>Mor; fem. Morni</td>
<td>Mohr; fem. Bodar</td>
<td>Jangli Murgha, Kūkār</td>
</tr>
<tr>
<td>Jungle Fowl</td>
<td>Gallus Ferrugineus or G. Baukiva</td>
<td>Jangli Mūrgāḷī, Bān Kōkra</td>
<td>Jūrānā, Phūlār</td>
<td></td>
</tr>
<tr>
<td>Munīl Phassa尤为</td>
<td>Lophophorus Impeyanus</td>
<td>Munāl</td>
<td>Munāl; fem. Kārārī</td>
<td>Jīlānā, Phūlār</td>
</tr>
<tr>
<td>Argus Phessa尤为</td>
<td>Argus Gigantetus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Himalayan Snow-cock</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chikor</td>
<td>Coccasio Chikor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black Partridge</td>
<td>Crancolinus Vulgars</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey Partridge</td>
<td>Ortygonis Pondiceriana</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jungle Bush Quail</td>
<td>Pardicula Asiatica</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common or Grey Quail</td>
<td>Gerinex Commons</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Woodcock</td>
<td>Scolepa Rusticola</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sālpe</td>
<td>Gallinago Coelisitae</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild Goose</td>
<td>Anser Indicus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Golden Eagle</td>
<td>Aquila Chrysaetos</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Falcon</td>
<td>Falco PerigrinatorKI</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vulture</td>
<td>Gypa Bengalensis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild Duck, large</td>
<td>Anas Roachas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do., small</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turtle Dove, large</td>
<td>Turtur Meena</td>
<td>Jangli Pahktu</td>
<td>Kamoloa</td>
<td>Gugti</td>
</tr>
<tr>
<td>Do., small</td>
<td></td>
<td>Kabutār</td>
<td>Ghuggi</td>
<td>Ghuggi</td>
</tr>
<tr>
<td>Blue Rock Pigeon</td>
<td>columba Intermedia</td>
<td>Kabutār</td>
<td>Kabutār</td>
<td>Kumtār</td>
</tr>
<tr>
<td>reen Pigeon</td>
<td>Crocopus Phasicopterus</td>
<td>Hurriāl</td>
<td>Kandol, Hariāl</td>
<td></td>
</tr>
</tbody>
</table>
Several modes of catching game are practised by the natives, nets and nooses being freely used as well as the less destructive gun and hawk. Wholesale driving is also resorted to in winter when snow is on the ground, game of all kinds, especially pheasants, being driven backwards and forwards, up and down, in the soft snow until from sheer exhaustion they fall a prey to a stick or stone. Nets are also used for driving. Nooses are placed usually in gaps left in long low hedges erected for the purpose. A pheasant will always pass through such a gap rather than surmount the hedge. By these and other devices, the number of the more valuable species of game birds has been sensibly diminished.

The following list of the fishes found in the District is, it is believed, an exhaustive one. It is compiled chiefly from Dr. Day's notes of his journey through the District, contained in his report on the fisheries of the Punjab, and the scientific nomenclature is derived from the same source. The list was checked on the spot, as far as possible, by Mr. Dunsford, formerly District Superintendent of Police, and the local names in some instances have been corrected:

<table>
<thead>
<tr>
<th>Order</th>
<th>Family</th>
<th>Scientific Names</th>
<th>Local names</th>
<th>English name (when known)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Macrones aur ...</td>
<td>Singa ...</td>
<td>...</td>
<td>Small.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pseudotropius garua.</td>
<td>Karád . .</td>
<td>Bachwa . .</td>
<td>Up to 1 ft. Rare, only found in the Beas, below Dera. Attains probably one foot in length. Small.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Callichrons Eger-tonii,</td>
<td>Pallu . .</td>
<td>...</td>
<td>Do.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Glyptosternum striatum,</td>
<td>Nao . .</td>
<td>...</td>
<td>Mentioned by Dr. Day, but not now identified. Small.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Amblyceps mangois</td>
<td>Sundál . .</td>
<td>...</td>
<td>Do.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Belone canina .</td>
<td>Sáwa . .</td>
<td>...</td>
<td>Do.</td>
</tr>
<tr>
<td>Ditto</td>
<td>Scombres-coide,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ditto</td>
<td>Cyprinidae (Sub-family Cyprininae)</td>
<td>Nemachilus botwa,</td>
<td>Sundái,</td>
<td>Loach ...</td>
<td>Do.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&quot; Montanus</td>
<td>Santál ...</td>
<td>Do. .</td>
<td>Do.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&quot; Corica</td>
<td>Choldhi ...</td>
<td>Do. .</td>
<td>Do.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discognathus lamta</td>
<td>Kurka . .</td>
<td>...</td>
<td>Attains two feet in length. Attains 5 or 6 lbs. in weight. Mentioned by Dr. Day, but not now identified.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oreinus sinusetus</td>
<td>Gulgul, Sálo</td>
<td>...</td>
<td>Do.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Labeo bicolor ...</td>
<td>Gid . .</td>
<td>...</td>
<td>Do.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cirrhina Gohama ...</td>
<td>Tellari . .</td>
<td>...</td>
<td>Do.</td>
</tr>
</tbody>
</table>
The supply of fish in all the rivers and streams in the District is still fairly abundant, though that of the larger species has perceptibly diminished of late years, owing to (1) continuous netting with no close time, (2) poisoning, (3) fixed engines of destruction. The smaller species are evidently exceedingly prolific in those streams which are too small to admit of the permanent predatory sorts, since in such streams they are very plentiful, in spite of the facilities, of which advantage is freely taken almost from their sources to their junction with the Beas, for incessant netting at all times and seasons. The following details regarding the various methods of taking fish may be of interest:—

1. **Netting.**—The nets used may be classed under four different heads, viz., casting nets, drag-nets, fixed nets and hand-nets. **Casting-nets** are of three sorts as follows:—

(a) *Jallu, doba, saura.*—These are different local names for a mall net with meshes of 1/2 to 3/4 of an inch. The diameter of the net when extended by casting is 3 to 3 1/2 feet. In using it the fishermanades into shallow water and throws the net some five or six feet

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<table>
<thead>
<tr>
<th>Order</th>
<th>Family</th>
<th>Scientific Names</th>
<th>Local names</th>
<th>English name (when known)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyprinidae</td>
<td>Cyprinidae</td>
<td>Chaniara, Chatrati, Khukhiyara</td>
<td>Mahseer</td>
<td>Attains over 60 lbs. in the Beas, also found in some of the large streams which flow into the Beas, attains one foot in length. Small.</td>
<td></td>
</tr>
<tr>
<td>Labeo</td>
<td>Cyprinidae</td>
<td>Karati</td>
<td></td>
<td>Very small; attains 4 inches in length. Small.</td>
<td></td>
</tr>
<tr>
<td>Concomus</td>
<td>Cyprinidae</td>
<td>Chidha Pandra</td>
<td></td>
<td>Small.</td>
<td></td>
</tr>
<tr>
<td>Rasbora daniconius</td>
<td>Cyprinidae</td>
<td>Bankali</td>
<td></td>
<td>Small.</td>
<td></td>
</tr>
<tr>
<td>Aspidoparia morar</td>
<td>Cyprinidae</td>
<td>Chetwa</td>
<td></td>
<td>Small.</td>
<td></td>
</tr>
<tr>
<td>Barilius cocca</td>
<td>Cyprinidae</td>
<td>P k w a i, Kannal, Chari, Lohari</td>
<td></td>
<td>Small.</td>
<td></td>
</tr>
<tr>
<td>Baccala</td>
<td>Cyprinidae</td>
<td>Chel</td>
<td></td>
<td>Small.</td>
<td></td>
</tr>
<tr>
<td>Chelidae</td>
<td>Cyprinidae</td>
<td>Pakwa</td>
<td></td>
<td>Small.</td>
<td></td>
</tr>
<tr>
<td>Danio devario</td>
<td>Cyprinidae</td>
<td>Male</td>
<td>Murre</td>
<td>Attains 10 lbs. weight in the Beas. Small.</td>
<td></td>
</tr>
<tr>
<td>Ophiocephalus punctatus</td>
<td>Cyprinidae</td>
<td>Daola</td>
<td>Murre</td>
<td>Attains 10 lbs. weight in the Beas. Small.</td>
<td></td>
</tr>
<tr>
<td>Ditto gachua</td>
<td>Cyprinidae</td>
<td>Daola, Saali</td>
<td></td>
<td>Small.</td>
<td></td>
</tr>
<tr>
<td>Mastacembius armatus</td>
<td>Cyprinidae</td>
<td>God</td>
<td>Eel</td>
<td>Attains 2½ or 3 lbs. in weight.</td>
<td></td>
</tr>
</tbody>
</table>
away from him. Only small fish are taken by this method, and the fry of the larger species are seldom taken.

(b) Jál.—This net is used in exactly the same way as the dobáju, but is slightly larger, each side of the mesh being about one inch long, and the diameter after casting, about 6 feet.

(c) Palka.—Meshes 1½ to 1¾ inch, used similarly to the above, but larger. The use of this net is confined to the Nigal and Bina streams, in the Pálampur Tahsil.

The drag-net is exceedingly destructive in its results, among the larger species of fish. It is fortunately not used with anything like the same frequency as casting nets, and its use is also limited to the dry seasons when the water in the more important affluents of the Beis is running low and fine. It is often employed on the Beis itself below Sithána in shallow pools, and where the river breaks up into separate channels. A stake net is fixed across the shallow at the tail of the pool, and a drag-net brought gradually down the pool from above by a line of men, swimming, diving, working sarnais, and doing all they can to drive the fish before them. This form of fishing is known to the local mullahs as kury, and is very destructive though not to the same extent as in the smaller streams. The method of drawing the upper net down stream is simple, yet ingenious. If the upper or floating edge of the net were drawn the lower edge would be liable to catch on the uneven surface of the bed of the pool, or to contract and thereby allow of the escape of fish at the sides. The bottom of the net is therefore gradually advanced by divers who move the weights forward in a straight line. The sides of the meshes of this net are 3 inches long, and the small fry as well as fish up to 2 or 3 lbs. in weight can escape, but every fish in the pool of any size is inevitably captured. The local name of this description of net is pigha or mahánjál.

The fixed net (local name nilotu or narkiwála) is smaller than the drag-net, each side of the mesh being 2 inches long. This net is fixed across pools in certain places which the fisherman knows by experience to be the favourite resort of fish. The net is placed at night, the bottom resting on the bed of the pool and the upper edge on the surface, and is removed in the morning. Fish leaving their strongholds, or returning to them, during the night, are frequently caught by the head. This method is employed in places where the fish run up to 7 or 8 lbs.

Hand-nets.—There are two species of hand-nets differing only in size, one of which is the kochbi, the other the saggan, the latter being slightly the larger. The kochbi is a bag-net, circular in form, about 3 feet in diameter and the same in depth, with a bamboo handle about 3 feet long. The saggan has a deeper pocket, a greater diameter, and slightly longer handle, and is either circular or triangular in form. These nets are generally used during a sudden flood when they are pushed into holes and corners to take small fish which the force of the stream has driven to take shelter in eddies and backwaters close to the bank.
Fixed engines of destruction.—Fixed engines are of two sorts, urli and the chip. The urli is a conical shaped contrivance of sket-work. It varies in depth from 4 to 6 feet the mouth being at the broader end. A dam stream, with one aperture into which is fitted the mouth of the urli on the downstream side. The narrow is sunk in the stream. All fish drop down the stream must necessarily be carried into the urli. The force of the stream pouring into it prevents them from escaping. This is used for taking fish of 3 lbs. and under. It destroys quantities of smally. The chip is an open work platform made of bamboo or wood, and is used under a fall at the end of a channel either natural or artificial. The chip is placed slightly below the fall immediately underneath it and on a downward slope towards it. The perpendicular interval between the fall and the chip is closed in with bamboo work. The whole of the fish dropping down the channel must pass on to the chip. The water and the small fish escape through the apertures into the stream below. The large fish are detained. The slope of the platform prevents them from getting over the upper end, and the interval between the lower end and the fall, as well as the force of the water coming over the fall, prevents them from jumping back into the channel and escaping upstream. This method is generally used when the streams have been swollen by heavy rain. Large fish then run far up the influents of the Beas to spawn. On dropping back after spawning, or when alarmed by the falling of the stream after a flood, they frequently find themselves in the channel ending in the chip. Large spawning or spent fish are frequently thus taken.

Poisoning.—During the dry season, i.e., from the cessation of the rains in one year until their commencement in the following year, a system of poisoning is practised in pools and above dams, which is most wholesale in its destructive effects. The following ingredients are used:—(1) Lime; (2) the juice of the thohar, also called chihai. The thohar is the Euphorbia Rigidana of science. (See Stewarts’ “Punjab Plants,” page 194, and Dr. Watt’s “Economic Products of India,” page 299); (3) tirmal seeds, pounded, Xanthorynum alatum. (See Stewarts’ “Punjab Plants,” page 89); (4) chila seeds, pounded, Caseria tomentosa. (See Stewarts’ “Punjab Plants,” page 44). These four ingredients are mixed (the mixture being called mohan), thrown into pools and there stirred up and made to mix with the water by men swimming in the pool on inflated hides, and stirring the water with paddles, bamboos, &c. The water becomes clouded and of a milky appearance and the effects of the poison are felt as far as the discolouration reaches. About an hour (or less) after the poison is thrown in, the fish come to the surface stupified or dead, and are removed in quantities. No bad effects are produced by eating them. The whole of the fish, in a pool, large and small, are thus destroyed. The poison has

(12) Rights to erect these chips were recorded at Settlement.
a comparatively trifling effect on the water below the pool, as every pool invariably ends in a rapid which carries off the discolored water before it has time to effect much harm in its more diluted state. Another method of destruction, not coming under any of the above heads, is also practised, viz., the turning off of water from channels feeding the water-mills found at short intervals along every major affluent of the Beis and many of the minor ones, and at longer intervals on the Beis also. When the water is run off, quantities of small fish are taken from the dry channel. Dynamiting has found its way to Kulu but a fortunate accident, in which a man killed himself, may check the popularity of the practice. Hook-fishing is occasionally practised, but in the absence of any but the coarsest apparatus, is not very successful. Of the above mentioned methods the drag-net, the urli, the chip and poisoning, are by far the most destructive, and the first and last named have undoubtedly caused a perceptible diminution in a constant and cheap food supply for the people. The very large majority of the population of the District is fish-eating, and it is regrettable that no legalised system of wholesome restriction exists, whereby the fish supply might be increased and a source of Government revenue created, without hardship or loss to the professional fisherman or the consumer. Under the authority of special legislation a simple system of regulating fisheries could be imposed profitable to the Government and to the people alike. At present the diminution in the fish supply is chiefly observable in the affluents of the Beis, but as these are freely used by spawning fish ascending them at certain times, it is only a question of time for it to become perceptible in the larger river also.

Note.—Since these notes were written, a Fisheries Act has been introduced in the Punjab by which the use of dynamite, and poison, has been prohibited. The rules under this Act, however, prohibiting the use of fixed engines of destruction and regulating the size of meshes of nets cannot be applied to this District, because the waters in which such engines and nets are used are private waters.

Breeding times of fish.—The consensus of opinion among native fishermen as regards breeding times is, that the general spawning season is during the months immediately preceding the rains. This is in some degree supported by the fact that in deep pools in the smaller rivers fair sized fish have been taken heavy in spawn, from April to the end of June. The theory is, however, inconsistent with the first principles of self-protective instinct common to all animal life. It is a well-known and established fact, in India as well as in Europe, that spawning fish always seek quiet corners and shallow waters for depositing their spawn and for the protection thereof, from the predatory inclinations of their own species. These desirable places they can only find in the affluents of the main river, but for larger fish to ascend these affluents when the water is low and bright would be courting self-destruction as well as against their own instincts. It is perhaps more probable that fish which grow to fair size in the pools of the smaller rivers, or which have ascended when these rivers were full and have delayed in descending until they are forced to remain, for a season at least, in the deep pools of those rivers, spawn a little earlier than those in big rivers, and that
Kangra District.

Climate.

The climate of June.
The climate and the possible.

Climate and Rainfall.

The mean temperature of the town of Kangra was quoted by Mr. Lyall from Messrs. Schlagintweit's tables as shown in the margin.

**MEAN TEMPERATURE OF THE TOWN OF KANGRA.**

<table>
<thead>
<tr>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
<th>Autumn</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>December, January, February.</td>
<td>March, April, May.</td>
<td>June, July, August, September, October, November.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>52.9</td>
<td>70.0</td>
<td>80.0</td>
<td>677</td>
<td>676</td>
</tr>
</tbody>
</table>

The rainfall varies remarkably in different parts of the District. The average annual fall exceeds 70 inches; along the side of the Dhaola Dhár it amounts to over 100; while ten miles off it falls to about 70, and in the southern parts to about 50. Bara Bangíhal, which is on the north side of the Dhaola Dhár, has a climate of its own: The clouds exhaust themselves on the south side of the great range; and two or three weeks of mist and drizzle is all that is felt there of the monsoon.

The endemic diseases of the District are fevers (malarial) and goitre. Fevers are mainly attributable to the very extensive rice cultivation, by which the whole valley is converted into a vast swamp. While this state of things remains, no improvement in the general health of the population is possible. This condition is purely artificial, as the natural drainage of the valley is perfect; but to drain the rice-fields would be to put a stop to the cultivation of that grain; it is not therefore likely to be carried out. The fever months are April, September, October and November. During the rainy season, while the temperature is equable, there is but little sickness; but when the nights begin to be chilly, and the effect of the dampness is intensified by cold winds from the hills, the whole population is struck down at once. 1896 was an exceptionally bad year for fever, there being over 22,000 deaths from this cause. Goitre prevails extensively throughout the whole of the District, but more especially at the base of the higher hills on the north; it is equally prevalent among males and females, especially among the Ghiraths and other low castes. Syphilis is unusually prevalent in the District, more specially in Kulu and in the Municipal towns and their neighbourhood, the principal cause doubtless being the practice of polyandry amounting almost to promiscuity which is very common among the people; their very dirty habits of living also tend to aggravate the disease. Leprosy prevails to a very considerable extent, the numbers according to
KANGRA DISTRICT.

History.

Chap. I. B.

History.

Public health.

to the census of 1881 being 828, and those of the census of 1901, 732. Cholera is an occasional visitant. There were over 5,000 deaths from cholera in 1892. Scurvy is no longer prevalent.

The Deputy Commissioner wrote as follows in 1881 in his Census Report for the District:

"The tribes, such as Gaddis and Ráthis, inhabiting the hilly portion of the District are much more long-lived than the Ghiraths, Kollis, &c., of the valleys. Certainly the former are more robust, and contain more grey-beards. This is doubtless due to the bracing climate and vigorous exercise enjoyed by the former. The valleys are very pestilential in the hot weather; and the mis-mating from extensive rice cultivation cannot but be more or less fatal in its effects."

Eye diseases are not common in this District as compared with the plains.

Section B.—History.

The antiquities of the Kángra District are discussed by General Cunningham in his Ancient geography of India, pp. 143-4, and in his Archaeological Survey Reports, V. 145 to 152, 153 to 184, XIV. 135 to 139. The following pages refer to Kángra Proper. The history of Kulu, Láhal, and Spiti will be found in Parts II, III and IV.

Until the early years of the present century the greater part of Kángra Proper was parcelled out among Rájput princes belonging to a family known by the generic name of Katoch, which trace back an unbroken chain of descent to the period of the Great War, fifteen centuries before the Christian era. The original capital of the Katoch dynasty was at Jullundur in the plains; and the little that is known of its origin and early history has been stated in the Gazetteer of the Jullundur District. The later history of the family belongs peculiarly to this District, though it is not known at what time the restriction of the kingdom of Jullundur to the hills took place. It is a popular saying that between the Sutlej and the Chenab there are twenty-two principalities, eleven on either side of the Rávi. Mr. Barnes gives the eleven cis-Rávi principalities as follows:—

Núrpur. Suket. Datápur.
Goler. Kula.

This cluster of States is termed the Jullundur Circle, in distinction from the eleven States beyond the Rávi, which are designated Dogra. Of these States those of Núrpur, Síba, Goler, Bangáhal and Kángra fall geographically within the present boundaries of Kángra Proper. The States of Kángra, Jaswán, Haripur, Síba and Datápur were sub-divisions of the Katoch Kingdom, and

(13) General Cunningham (Anc. Geog., p. 135) enumerating the States attached to the "Eastern or Jullundur Division of the Alpine Punjab," omits Bangáhal, and inserts the names of Kotla and Kutlehr, in other respects the two lists correspond.
Kangra District. Katoch dynasties. [Part A.

were ruled by scions of the Katoch family; thus, though the territories of Datarpur and Jaswan belong geographically to the District of Hoshiarpur, their history is too intimately connected with that of the Kangra families to be conveniently separated. Amongst the northern assemblage of kings Kangra, the first, the eldest and the most extensive is the acknowledged head, as Jammu is considered paramount among the dominions across the river. According to the local legend, the Katoch family, as the house of Kangra is designated, is not of human origin. The first Raja sprang to life in full proportions, like Minerva from the brain of Jove, created from the perspiration off the brow of the goddess enshrined at Kangra. His name was "Bhum Claud," the progenitor of a line of 500 kings, whose names are recorded in elaborate lists. The ancient name of his kingdom was "Trigart," being an evident attempt to identify the dynasty with the princes of "Trigarta," mentioned in the Mahabharat.

It boastful and illusory as the local accounts are, there is no reason to question the extreme antiquity of the Katoch monarchy. The "mountain kings" on the north of the Punjab are referred to by the Greek historians of Alexander’s expedition more than 300 years before the Christian era: and Ferishta, in his introductory chapter, narrating the exploits of a former king of Kanauj(14) who overran the hills from Kunjon to Kashmurr, subduing 500 petty chiefs, distinctly alludes to the Raja of Nagarkot or Kot Kangra. The time when this conqueror flourished is within the limits of authenticated history, and about the 20th Sambat of Vikramajit, or 1900 years ago. The ancient origin of the family is still further corroborated by the number of its branches and the extent of country over which it has spread. Throughout the lower hills, from the Sutlej to the Ravi, there is scarcely a clan of any mark that does not trace its pedigree to the Katoch stock. Four independent principalities—Jaswan, Haripur, Siba and Datarpur,—have been founded by members from the parent house. The fraternity of Ladda Rajpats, with their seven ruins, or chiefs, who occupy the Jaswan Valley between Una and Rupar, claim to be descended from the same source. The powerful colony of Indauria Rajpats at the other extremity of the District boast that their ancestor was an emigrant Katoch. But who was the original founder; whence he came; how many centuries ago; by what means his dominion was acquired and consolidated—are questions which can never be solved, since their solution is lost in the obscurity of time. The infancy of the State and its gradual development are matters beyond even the reach of conjecture, and the earliest traditions extant refer to the Katoch monarchy as a power which had already attained the vigour of maturity.

It appears that in the seventh century, and probably thence-forward down to the first Muhammadan invasion, the Katoch

(14) Ramdeo. He defeated the Raja of Kunjon, took his daughter in marriage and then ravaged the Nagarkot country until he came to Sankot Pindi when he desisted on account of the sanctity of a temple of Durga, near Nagarkot.
kingdom comprised not only all the low hills between the Rávi and the Sutlej, but also the plain country of the Jullundur Doáh, and some hill and plain country beyond the Sutlej to the west and south of Simla. The hilly portion of this great kingdom was, without doubt, portioned out among subordinate chiefs or princes, of whom some of the strongest became independent when the Katoch kings lost their prestige, and were driven into the hills by the Muhammadans. Probably the eleven principalities of the Jullundur Circle first took definite form about this time. At any rate it appears from Hwen Thsang’s account that they had no independent existence in the seventh century. At that time from the Rávi to Simla, the low hills were a part of the kingdom of Jálândhara. In the high Himalayas to the north Chamba seems to have been in existence but to some extent dependent on Kasmír. Perhaps Chamba then comprised, besides its present territory, the whole southern slope of the Dhaola Dháír as far east as Bangáhal. There are many traditions which show that its dominion at one time extended thus far. In the high Himalayas to the north-east Hwen Thsang mentions a large kingdom called Kinlúto. This probably comprised, in addition to the country now called Kulu, Bangáhal, Saraj, Bashahr, and the mountainous parts at least of Mándí and Suket. In fact it is probable that it consisted of the country of high mountains inhabited then, as now, by the Kárets or Kolís; and that the kings were of the Suket family, or, if not, then of some family which has disappeared.

According to the Baijúth prashasti Lakshmanachandra was ruling as Rájanaka of Kirágráma (now Baijúth) under Jayachandra of Jálándhara or Trigartá in Sambat 726, or year 80 of the Lákakálá, and his mother was a daughter of Hrádayachandra of Trigartá. Thus as early as the 9th century A. D. Kángra was ruled by a dynasty being the title of Chandra which it continued to bear till the 19th century.

The Rájas of Trigartá or Kót Kángra are thus given by Cunningham (Arch. Survey Reports, V., p. 152):

<table>
<thead>
<tr>
<th>A. D.</th>
<th>A. D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1315 ... Jayasinha.</td>
<td>1570 ... Jaya (Jai Chand).</td>
</tr>
<tr>
<td>1330 ... Prithvi.</td>
<td>1585 ... Vriddhí Badi Chand.</td>
</tr>
<tr>
<td>1345 ... Purva.</td>
<td>1610 ... Triloka (Tilok Chand).</td>
</tr>
<tr>
<td>1360 ... Rápa.</td>
<td>1630 ... Hari (Chand).</td>
</tr>
<tr>
<td>1375 ... Śrínára.</td>
<td>1650 ... Chandrabhán.</td>
</tr>
<tr>
<td>1390 ... Megha.</td>
<td>1670 ... Víjáya Ráma.</td>
</tr>
<tr>
<td>1405 ... Hari.</td>
<td>1687 ... Bhíma.</td>
</tr>
<tr>
<td>1420 ... Karmma,(12)</td>
<td>1697 ... Aláma.</td>
</tr>
<tr>
<td>1435 ... Sansára.</td>
<td>1700 ... Hamíra.</td>
</tr>
<tr>
<td>1450 ... Dêvángga.</td>
<td>1747 ... Abháya.</td>
</tr>
<tr>
<td>1465 ... Narendra.</td>
<td>1761 ... Ghamanda.</td>
</tr>
<tr>
<td>1480 ... Suvíra.</td>
<td>1773 ... Tega.</td>
</tr>
<tr>
<td>1495 ... Prâyága.</td>
<td>1776 ... Sansára (Sansír Chand).</td>
</tr>
<tr>
<td>1510 ... Ráma</td>
<td>1823 ... Aviruddha.</td>
</tr>
<tr>
<td>1528 ... Dharma (Dharm Chand).</td>
<td>1829 ... Ranavíra.</td>
</tr>
<tr>
<td>1563 ... Mánikya.</td>
<td></td>
</tr>
</tbody>
</table>

(12) But according to the Kángra Jawalámukhi prashasti Samsáramachandra succeeded his father Karmachandra in the year 5 of the Lákakálá, i.e., in 1430 A. D.—Epigraphia Indica I., p. 191.
It is impossible to give, with any degree of accuracy, the date at which the first division of the Katoch kingdom took place. All that can be said with certainty is, that the breaking up of the once powerful kingdom of Jalandhara must have been later than the seventh century of our era, at which epoch we know, from the account given by the Chinese pilgrim Hwen Thsang, that it was yet undivided. The first branch thrown off would appear to have been Jasván. "Many centuries ago," writes Mr. Barnes, "so long ago that all consanguinity has ceased, and intermarriages take place even among a people to whom marriage with blood relations is a heinous crime, a member of the Katoch family severed himself from Kangra and set up an independent State in Jasván." After Jasván, the next separation was that of Goler or Haripur. This event Mr. Barnes would appear to place in the thirteenth century of our era. The seceding prince was Hari Chand, ancestor in the twenty-sixth degree of the last Raja of Goler. The story of the separation is characteristic of the family legends, and is thus related by Mr. Barnes:

"Hari Chand, the Raja of Kangra, was hunting in the neighborhood of Harsar, a village of Goler, still famous for its extensive woods stocked with various kinds of game. By some mishap, he fell into a well, unobserved by his companions. After a long but fruitless search the party returned to Kangra, fully impressed with the belief that the king had fallen a victim to some beast of prey. His loss was mourned as one who was dead. The funeral rites were completed, and his brother Karam Chand ascended the throne amidst the congratulations of the country. Meanwhile Hari Chand was still alive; and after the lapse of several days—the legend says twenty-two (an evident exaggeration)—his presence in the well was discovered by some shepherds who managed to extricate him. His position was embarrassing. His name had been effaced from the rolls of the living, and another ruled in his stead. A return to Kangra would cause obvious confusion, so he wisely resolved not to attempt the recovery of his birth-right, but selecting a spot on the banks of the Ban Ganga opposite the district capital of Goler, he built the town and fortress of Haripur, called after himself, and thenceforward the head-quarters of a separate principality. Thus the elder brother reigned at Haripur over much smaller territory, and the younger brother sat, by an accident, on the hereditary throne of the Katochs. But to this day Goler (as the Haripur country is usually called) takes precedence of Kangra. Goler is the senior branch, the head of the house, and on any occasion when etiquette is observed, the first place is unanimously conceded to Goler."

The territories ruled over by Hari Chand correspond with the existing patrjana of Haripur, if Datâpur be added and Tappa Gangot excluded. The States of Siba and Datâpur are said to have been formed by secession from that of Goler. Siba became independent under Sibarn or Sibar Chand, a younger brother of the fourth in descent from Hari Chand. His dominions correspond precisely with the present Siba taluk. An account of the establishment of Katoch power in Datâpur has been given in the Gazetteer of Hoshâpur. It took place, according to Mr. Roe, the Settlement Officer

(16) See Gazetteer of Jullundur.
(17) "About 600 years ago."
of the District, in the fifteenth century. Mr. Barnes speaks dubiously whether Datpur was an off-shoot from Siba, or was simultaneously established with it. Mr. Roe's date would place the event much later than the secession of Siba which took place in the fourth generation, certainly not more than 80 years after Hari Chand. The date, however, is unimportant.

Nurpur. Reference must now be made to the States of Nurpur, Kotlehr, and Bangahal. The original founder of the Nurpur principality was a Tumwar Rajpoot, named Jet Pal, Pathau, or Pathania, also called Rana Bhet, an immigrant from Delhi, who is said to have established himself at Pathankot in the Gurdaspur District about 700 years ago. Subsequently the family removed to the hills, and under Raja Basu, Nurpur, hitherto called Daemari, or Dahmala, became its capital. The new name of Nurpur was given in honor of Naur Jahán, the celebrated queen of the Emperor Jahangir.

Between Rana Bhet and the last representative of the family thirty generations elapsed. The boundaries of the principality, after its confinement to the hills, coincided almost exactly with the present Nurpur Tahsil, with the addition of the tahsans of Shalpur and Kandi now attached to the District of Gurdaspur, and of a small tract beyond the Ravit which passed to Jammu by exchange. Kotlehr, commonly known as Chanki Kotlehr, was a small principality established forty generations back, in a valley of the first range of hills separating Kangra from Hoshtapur, by a Brahman, an emigrant from Samiwall near Moradabad. Since its acquisition of temporal power, the family has been considered Rajpoot. It was the smallest of all the c's-Sutlej hill kingdoms. With regard to Bangahal, Mr. Barnes merely notes that it is "extinct." Mr. Lyall supposed it to have been originally included in the State of Kulu. A claim has been made by a local notable that he is descended from the Pil line of Rajas that once ruled in Bangahal, but whether this claim is correct or not, the family has ceased for many generations to have any importance.

It is probable that the advent of Muhammadan rule found Kangra independent of allegiance to any paramount power; nor was it until more than five centuries had elapsed since the first Muhammadan invasion of India, that the Imperial power of Delhi was finally established in the hills. Twice, however, if not more often in the interval, the country was invaded. As early as A. D. 1009

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15 "Four hundred years ago."
16 Mr. Barnes derives the family name Pathania from the town Pathankot. More probably the name of the town is derived from that of the family. The name has nothing in common with the Muhammadan Pathans or Afghans. See Cunningham's "Anc. Geog.," p. 144.
18 The Rajas of Nurpur are generally called in Muhammadan history "zamindars" of Man and Pathan. Man was destroyed by Shahjahán. For a detailed account see the "Rajas of Nurpur" by H. Blochmann in the Indian Antiquary for 1872, 1, p. 264. The account was apparently never completed. Cf. also Journal Asiatic Society, Bengal, 1875, p. 193.
19 Barnes. Another tradition derives it from the emperor's own name Nur-ud-din.
the attention of Sultan Mahmud of Ghazni was attracted by the riches and reputation of the Nagarkot (Kangra) temple. Having defeated the combined forces of the Hindu kings near Peshawar, he suddenly appeared at Kangra, (11) seized the fort, and plundered the temple of incalculable wealth in gold and silver and jewels. On returning to Ghazni he probably left a garrison in occupation of the fort; but thirty-five years later, in A.D. 1044, it is stated that the Hindu princes, under the guidance of the Raja of Delhi, after a siege of four months, regained possession of the fort, and reinstated a facsimile of the idol which Mahmud had carried away. From this time Kangra does not again find mention in general history until A.D. 1361, (12) in which year the Emperor Firoz Tughlak marched against it. According to the Muhammadan historians the Raja wisely submitted, and was permitted to retain his dominions; but the temple was again given over to plunder and desecration, while the famous idol was despatched to Mecca, and thrown on the high road to be trodden under foot of the faithful. Twenty-eight years later (in A.D. 1388) Prince Muhammad Tughlak, when a fugitive from Delhi and in revolt against his father, found or was given a ready asylum at Kangra, where he remained in safety till called to the throne in A.D. 1390. (13)

Taimur invaded India in 1398 and early in 1399 on his return, A.D. 1386, after defeating Rani Sen in the Siwalik hills, marched on Nagarkot. In its neighbourhood he defeated the Hindus with great slaughter; but he does not explicitly say that he took the stronghold though he is careful to relate his capture of Jammu. (14)

In 1428 Jasrath, the Khokhar chief, was defeated 'near Kangra on the Biyahi' by Malik Sikandar, a general of Mubarak Shah. (15) How far the Khokhar power extended over the Kangra hills it is impossible to say. It is, however, clear that the Muhammadan sovereigns of Delhi failed to secure any real footing in the hills until the rise of the Lodi Afghan dynasty, when in the reign of Bahlol Malot, on the western slope of the Siwalik, was fortified by Tatar Khan Yusuf Khel. (16) Under Sher Shah that stronghold was entrusted to Hamid Khan, Kaka, who 'held such firm possession of the Nagarkot, Jwala (Mukhi), Dhadavali (Dadwal) and Jammu hills, in fact the whole hill country, that no man dared to breathe in opposition to him. He collected the revenue by measurement of land from the hill people.' (17)

(11) Kangra was then apparently called Bhimnagar (according to Farishta, Cf. E.H.I, II, 34 and 444-5). Thomas says that Bhimnagar, son of Jaipal, the Tatar King of Delhi, 'retired to his last stronghold at Kangra,' but this appears incorrect on the authorities cited (E.H.I, II, pp. 34 and 48) as Bhimnagar is not said to have fled to Nagarkot or Bhimnagar.

(12) Badr Chah in his Odas says the King of the time (Muhammad ibn Tughlak) took Nagarkot in 738 H. (1337 A.D.). This is not, however, mentioned by any historian. E.H.I, III, p. 570.

(13) The prince fled through Sirmur and Sukhot to Nagarkot. The royal forces followed to the confines of Gwalior (clearly Kanhur) in pursuit, but met with opposition and retired. The rebel prince must have been in alliance with the Hindu States against Delhi.


(16) In the reign of Sikandar 11, 1480-1517, Khawas Khan is said to have been sent towards Nagarkot, to subdue the hill country, and succeeded in conquering it. He sacked the temple of Devi Shankar. E.H.I, IV, page 544, IV, 415.

(17) Ibid.
The hills were in fact a great sphere of Afghán influence, and after his defeat by Humayún's generals Sultan Sikandar Sur fled to the Siwáliks. Abu'l Mal'ālī, the general sent after him, so mismanaged matters that Sikandar had time to recruit his forces and this necessitated the despatch of a force under the nominal command of Akbar and the real leadership of Bairam Khan against him. Akbar only went, however, as far as Dāmmārī and Bairam Khan defeated the Afgháns near the Siwáliks, but Sikandar, driven to seek a refuge in the hills, was vainly pursued by the imperial troops for six months. Rāja Rām Chand of Nāgarkot, the most renowned of all the hill Rájás, came in and made his submission.18

It appears, however, that Rāja Jai Chand subsequently lost Akbar's favour, for in 1573 the Emperor ordered his arrest, whereupon the Rāja's son, Bādī (Vriddhi) Chand, though a minor, assumed his father's place and, deeming him as dead, broke out in revolt. Akbar now gave the Brahman poet 'Kab Rāj' the title of Rāja Bīrbāl, and bestowed on him the country of Nāgarkot, and orders were then sent to Husain Kulkhoī Tūrkomān, the Amir-ul-umārā of the Punjab, to take the stronghold from Bādī Chand and place Bīrbāl in possession.

On Bīrbāl's arrival Kulkhoī set out from Lahore and reaching Dāmmārī received emissaries from Choto, a relative of Jai Chand. He then marched to Kotla which had been held by the Rāja of Kahlūr but which Dharī Chand and Jai Chand had wrested from him. After some resistance the Rājpūts evacuated the place which Kulkhoī made over to the Rāja of Kahlūr, leaving, however, a garrison of his own in it. Advancing thence on Nāgarkot, Kulkhoī took Bhawānī, with much slaughter of the Rājpūts and Brahmanis, and then invested Nāgarkot. Big guns were brought up, and a single shot is said to have killed 80 people among whom was Bhūj Deo, son of Rāja Takht Mal'ālī, but intelligence of the irruption into the Punjab of Muhammad Husain Mirza now reached Kulkhoī and as the besieged were, it is said, anxious for peace, they were allowed terms, agreeing to pay a large tribute with various presents for the emperor. A mosque was also founded in front of Jai Chand's palace and the khitbah read in Akbar's name. Kulkhoī then marched away.19

'Armaments were several times sent under different amirs of distinction to effect the subjugation of Jammu, Rāmgarh and other places; but this difficult enterprise had never been satisfactorily accomplished.'20 Accordingly in 1003 A. H. Akbar sent his Bakshī-ul-Mulk, Shāikh Fārīd, to subdue the hills. Jammu was first reduced. Sūraj Singh, son of Bāsū, the Rāja of Mau, came in and tendered his allegiance, and after subduing the country west of the Rāvi Shāikh Fārīd crossed that river and entered the Pathán pargānī. Thence he marched to Mau where he was entertained by Sūraj Singh.

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18 E. H. I. V, p. 248, cf. 239.
19 E. H. I. V, p. 355-9 (Tabakat-i-Akbarī), Badaunī says 'he patched up a treaty with the Hindās' and implies that he virtually raised the siege.
20 Akbarnama (Elliot's trans VI, p. 129).
and thence to Kahlúr. The Ráni of Nagarkot, whose son was at the
imperial court, sent a vakil to pay her respects, so that we may
conclude that the Kangra Rája was then in alliance with Akbar.
All the country between Jammu and Nagarkot, which had been in
rebellion, was reduced as it had never been before. The Jaswáls
also submitted to the Bakhshi. Indeed it has been said that in
Akbar's reign the fort of Kangra was permanently occupied by
imperial troops, the fruitful valley was reserved as an Imperial
fiefdom, and similar confiscations, proportioned to their means,
were made in the territories of the other hill chiefs. These
arrangements are said to have been completed by Todar Mal, Akbar's
celebrated Chancellor, and there is a current saying in the hills that,
when asked by Akbar as to the result of his negotiations, the
minister replied that "he had cut off the meat and left the bones,"
expressing, by a happy metaphor, that he had taken the rich lands
and relinquished only the bare hills.

According to the Tuzuk-i-Jahángirí, Kisben Chand of the royal
family of Nagarkot was honoured with the title of Rája in 1614-15
A.D. His name, however, does not appear in the list of the
rájas, and there was apparently another claimant to the throne,
or in this very year a Mughal force under Shaikh Faríd now the
Murtaza Khan, Governor of the Punjab, was sent to lay siege to the
fort of Kangra. Súraj Mal of Núrpur accompanied this force
and he quarrelled with Murtaza Khan though he did not openly
rebel. The siege, however, fell into 'the knot of abeyance' owing
to Murtaza Khan's death. Another expedition under Chaupar Mal,
so a son of Rája Bású, only ended in his rebellion. (2)

Three years later the prince Sháh Jahán sent a second army
under Súraj Mal and Taqí, one of his own generals, to reinvest the
fort. Súraj Mal, however, procured Taqí's recall and Vikramajit
was sent to replace him, but before his arrival Súraj Mal had
rebelled and a further force under Abdu'l-Azíz Khan had to be
sent against him. Jagat Singh, Súraj Mal's brother and natural
fíal, was also recalled from Bengal, sent to join Vikramajit and
promised the grant of his brother's territory if he remained loyal
the Emperor. Vikramajit dealt first with Súraj Mal who took
 refuge in Mau and when that fortress fell threw himself into
Núrpur, which Rája Bású had built and strongly fortified.
able to hold that stronghold also he fled to Isrá, a fort within
the Chamba border, to which the Rái Ráyán at once laid siege, and
ally sought refuge in Chamba. The Rái Ráyán then returned
Núrpur, took Hára, Thári, Nesa, Nagrotá, Súr and Jawáli
which he fortified, invested Kótha, in which place Mádhu Singh
taken refuge, and took it after a three days' siege. Mádhu
Singh joined his brother, but the Chamba Rája under threats of
struction surrendered him together with Súraj Mal's treasure
and the Rái Ráyán was thus at liberty to lay siege to Kangra.
that fort, however, did not fall without a siege of fourteen or fourteen
and a half months, and after the garrison had lived for four months on husks boiled with salt. It was surrendered by Hari Chand, then aged 12, the son of Trilok Chand, according to the Bâdshâh-nâma. Abdu'l-Aziz Naqshband then became funjâdâr of the territory dependent on Kângra and Alif Khân Qizâm Khâni was placed in charge of the fort. Jahângîr then visited Kângra. He describes the fort as having 23 bastions and 7 gates. A gate of the town of Kângra is still called, in memory of this visit, the Jahângiri Dauvâzâ. So fascinated was the Emperor with the beauty of the valley, that, as he himself relates in the Tuzuk-i-Jahângiri, he intended at one time to build in it a summer residence. A commencement was indeed made, and the site of the proposed palace is still pointed out in the lands of the village of Gurkari. Probably the superior attractions of Kasmîr, which the Emperor immediately afterwards visited, led to the abandonment of his design.

Jagat Singh must now have become Râja of Nûrpur according to the imperial promise, for when in 1619 Shâh Jahân revolted against his father he sent Jagat Singh to raise the Kângra hills against the Emperor. The latter appointed Sâdîq Khân, Governor of the Punjâb, with instructions to chastise Jagat Singh's revolt, and also bestowed the title of Râja on Mâdu Singh, a younger brother of Jagat Singh, with orders to join Sâdîq Khân. Jagat Singh fortified Mau, but he was soon compelled to submit. Three years later, however, he was in trouble again, but the affair must have been amicably settled. Under Shâh Jahân he rendered distinguished service to the empire, but in 1640 his son Râjurîp rebelled and Jagat Singh was drawn into the revolt, but after the fall of Mau and Nûrpur he again submitted, and after holding high commands on the north-west frontier died in 1646, as will be told in detail later on.

During this reign the Mughal power attained the highest pitch of prosperity, and the vigour and method manifest in every branch of the government were felt and acknowledged even in this extremity of the empire. The hill Râjûs had by this time quietly settled down into the position of tributaries, and the edicts of the Emperor were received and executed with ready obedience. There are patents (sauadîs) still extant, issued between the reigns of Akbar and Aurangzeb, appointing individuals to various judicial and revenue offices, such as that of kâzî, kânîngâ, or chaudhri. In some instances the present representatives of the family continue to enjoy the privileges and powers conferred by the Emperors upon their ancestors, and even where the duties have become obsolete, the honorary appellation is retained.

During the period of Muhammadan ascendancy the hill princes appear on the whole to have been liberally treated. They still enjoyed a considerable share of power and ruled unmolested over the extensive tracts which yet remained to them. They built forts, made war upon each other, and wielded the functions of petty

(22) For a full account of the Râjas of Mau see App. I. to this volume.
sovereigns. On the demise of a chief, his successor paid the fees of investiture, and received a confirmation of his title, with an honorary dress from Agra or Delhi. The simple loyalty of the hill Rájas appears to have won the favour and confidence of their conquerors, for we frequently find them deputed on hazardous expeditions, and appointed to places of high trust in the service of the empire. Thus in the time of Shah Jahan (A.D. 1646) Jagat Chand, Rája of Núpur, at the head of 14,000 Rájpúts raised in his own country, conducted a most difficult but successful enterprise against the Uzbeks of Balkh and Badakshán. Elphinstone particularly records the noble example of the Rája, who shared the labours and privations of the meanest soldier, and bore up as firmly against the tempests of that frozen region as against the fierce and repeated attacks of the enemy. His health, however, was fatally impaired, and he scarcely lived to reach his native hills. Again in the early part of the reign of Aurangzeb (A.D. 1661) the Rája Mandata, grandson of Jagat Chand, was deputed to the charge of Bamián and Ghorband on the western frontier of the Mughal empire, and eight days' journey beyond the city of Kábul. Twenty years after he was a second time appointed to this honourable post, and created a mansabdár of 2,000 horse. In later days (A.D. 1758), Rája Ghamand Chand of Kángra was appointed by Ahmad Shah Durrání to be Governor of the Jullundur Doáb and the hill country between the Satlej and Rávi.

The Kángra hills had nominally come into the hands of Ahmad Shah six years before this event, being included in the cession to him of the Panjab by his namesake, the Delhi Emperor. Kángra itself, however, remained still in the possession of Nawáb Saif Ali Khán, (23) the commandant nominated by the Mughal Court, who, notwithstanding the cession, continued to correspond with Delhi; while the hill chiefs, emboldened by the general anarchy that prevailed, practically resumed their ancient independence, leaving nothing to Ahmad Shah and to the Nawáb only the lands immediately under the walls of the fort. (24) In this fort, however, Saif Ali held his own for thirty years; and an idea of the strength and reputation of the stronghold may be gathered from the fact that an isolated Muhammadan, with no resources beyond the range of his guns, could maintain his position so long and so gallantly.

Saif Ali Khán died in 1774 (25) and Sansír Chand, who was at this time Rája of Kángra, immediately laid siege to the fort, but was unable to reduce it. He then invited Sírdár Jai Singh Kanheya, the Sikh chieftain who then ruled the Bári Doáb between Batála and the hills, and who had already reduced the Hill States west of Kángra to

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(23) Griffin; Mr. Barnes gives the name as Saif Ullah Khán.
(24) Mr. Barnes quotes a letter from the Emperor to the Chamba Rája remonstrating against the recovery of Chíri and Rehnu.
(25) Griffin, Punjab Chiefs; Griffin's account, which is followed in the text, differs in several respects from that of Mr. Barnes. According to the latter authority Jai Singh laid siege to Kángra in 1781-82, Saif Ulla (Ali) Khán being still alive, but dangerously ill. He died during the siege, and the garrison surrendered. Jai Singh then held the fort till 1786.
the position of tributaries,\(^{(26)}\) to assist him, and the latter sent a considerable force under Gurbakhsh Singh to take part in the attack. With characteristic Sikh adroitness Gurbakhsh Singh procured the surrender of the fortress to himself for his master, not to Sansār Chand. Jai Singh held Kāŋgra until 1784–85, when having been defeated near Bātālā by Mahān Singh, Sukarchakia, aided among others by Sansār Chand, he withdrew from the hills, leaving Kāŋgra in the hands of its legitimate prince, to whom it was thus restored about two centuries after its occupation by Akbar.

Sansār Chand, a man of considerable ambition and no small ability, was now in a position for which he had long been striving. The acquisition of this celebrated stronghold completed the integrity of his ancient dominions; and the prestige which attached to the possession of the fort from its reputed strength and its long association with imperial power, favoured his schemes of aggrandisement. He arrogated to himself the paramount authority in these hills, and revived the local tradition which placed Kāŋgra at the head of the eleven Jullundur principalities. He seized for himself the lands which Todar Mal had set apart as imperial demesne, and by assiduously pressing his claim to superiority succeeded in levying tribute from all the surrounding chiefs. Every year, on fixed occasions, these princes were obliged to attend his Court, and to accompany him with their contingents whenever he undertook a military expedition. For twenty years he reigned supreme throughout these hills, and raised his name to a height of renown never attained by any ancestor of his race. Had he remained content with these successes, he might still have bequeathed a princely inheritance to his descendants; but his aggressive nature was about to bring him in collision with powers mightier than himself, and to sow the seeds of that decay which in the present time has overtaken his family. In A. D. 1803 he made a descent upon the Bāri Doāb, but was quickly repelled by the forces of Ranjīt Singh, who had already become the terror of the Punjab. In the following year he again attempted to establish himself at Hoshiārpur, but was again obliged to retire on the approach of Ranjīt Singh with other Sikh confederates. He now abandoned his design upon the plains, but in 1805 fell upon the Hill State of Kahlūr, half of whose possessions lie on this bank of the Sutlej. Having seized the taluka of Bātī contiguous to his own district of Mahāl Morī, he built a fort to protect his conquest. Kahlūr not being in a position to resent this insult solicited the aid of the Gurkhas, who had already overrun the hills between the Gogra and the Sutlej, a distance of more than 300 miles from their own border.

The Gurkhas gladly responded to the call, and crossed the Sutlej. The first action was fought at Mahal Morī in May 1806. The Katoches were signally defeated and fled in confusion to Tīra, where there were fortified palaces belonging to the Rāja. But the Gurkhas pressed on for Kot Kāŋgra, keeping up their communication with Bilāspur on the Sutlej. The memory of the disastrous

\(^{(26)}\) Mr. Barnes cites a document under his seal, dated 1776 A D., fixing the Chamba tribute at Rs. 4,001
days which then followed stands out as a landmark in the annals of the hills. Time is computed with reference to that period, and every misfortune is justly or unjustly ascribed to that prolific source of misery and distress. The Gurkhas prepared to establish their success. Certain portions of the country were subdued and held by them; other portions, including the fort of Kangra and the principal strongholds, remained in the hands of the Katoches. Each party plundered the districts held by the other to weaken his adversary’s resources. The people, harassed and bewildered, fled to the neighbouring kingdoms; some to Chamba, some to the plains of the Jullundur Doáb. Other hill chieftains, incited by Sansār Chand’s former oppressions, made inroads with impunity, and aggravated the general disorder. For three years this state of anarchy continued in the fertile valleys of Kangra; not a blade of cultivation was to be seen: grass grew up in the towns, and tigresses whelped in the streets of Nādun. At last, rendered desperate by his circumstances, the Katoch chief invoked the succour of Ranjit Singh. The Sikhs entered Kangra and gave battle to the Gurkhas in August 1809. The Gurkha army, exposed to the malaria of the valley, had suffered severely from sickness. Fever had decimated their ranks and prostrated the strength and courage of the survivors, yet the field was long and furiously contested. At last fortune declared in favour of the Sikhs, and the Gurkhas were obliged to abandon their conquests on this side of the Sutlej. With this battle the independence of Sansār Chand ceased for ever. Ranjit Singh was not the man to confer so large a favour for nothing. The hill Rāja and his Sikh ally started for Jawálamukhi, and there in the holy temple of Ranjit Singh executed an agreement, stamped with his own hand dyed in saffron. He reserved to himself the fort of Kangra, and the sixty-six villages from the valley allotted by ancient usage for the maintenance of the garrison; but in other respects guaranteed to Sansār Chand all his hereditary dominions, and all his conquests free from any condition of service. In that very year, however, Ranjit Singh departed from his engagement, and year by year encroached more and more on the Katoch chief’s independence.

By the surrender of the fort, Sansār Chand not only sealed the destinies of his own house, but precipitated the downfall of the other hill princes. So long as he remained paramount, there were ties of blood and birth which made him content with tributes and contingents. But now an ambitious stranger had been introduced, who had no sympathy with the high caste Rajput, and was intent on only prosecuting his own plans of aggression and conquest. Ranjit Singh began to disclose his designs upon the hills in 1813-14, the first victim to his rapacity being Rāja Bhūp Singh of Haripur. The plan was skilfully and deliberately laid. The Rāja was directed to raise a large force to assist in some operations on the Indus; and when the military

(27) In 1811 he had sent an army into the hills to collect tribute, and on this occasion the fort of Kotila fell into his hands, the Goleria commandant who had successfully resisted Sansār Chand being rewarded with a jagir in the Bāri Doáb.
strength of the population was drained off and the country lay defenceless, he was summoned to Lahore. On the day that he expected leave to return, he was shamelessly arrested and told that he would not be allowed to go until he surrendered his kingdom, in exchange for a jagir grant. Without waiting for a reply, Desa Singh was sent off with an army of ten thousand Sikhs, and the territory was quietly annexed. The Raja was restored to liberty, but spurned the offer of a jagir. He had, however, during his own incumbency assigned for the support of his female household a revenue of Rs. 20,000, and this Ranjit Singh left untouched. These lands form the jagir of Raja Ragnath Singh, the present representative of the family. At the commencement of the cold season of 1815, Ranjit Singh appointed a grand rendezvous of all his forces, personal and tributary, to meet at Sialkot, the hill chiefs among the rest being expected to attend at the head of their respective contingents. The Rajas of Nurpur and Jaswan failed to obey the imperious summons, and as a penalty for their disobedience Ranjit Singh imposed fines designedly fixed beyond the ability to pay. Raja Umed Singh of Jaswan meekly succumbed to his fate, and resigned his dominions to the usurper, receiving a jagir of Rs. 12,000 per annum. But Raja Bir Singh of Nurpur was made of sterner stuff. After vainly endeavouring to raise the iniquitous demand, even by the sale of his sacrificial vessels, he was sent to Nurpur accompanied by a Sikh army and obliged to give up the fort. During the night, however, he contrived to effect his escape into the neighbouring State of Chamba, where rallying his subjects he made a desperate attempt to recover his birth-right. But the tactics and resources of the simple hill chief were no match for the disciplined skill and veteran battalions of Ranjit Singh. He was beaten and forced to fly in disguise through unfrequented mountain paths, to British territory on the east of the Sutlej.

In December 1816 Raja Bir Singh was at Ludhiana plotting with Shah Shuja, the ex-King of Kabul, against the Government of Ranjit Singh, who considered their machinations of sufficient importance to be matter of correspondence with the British Agent. Bir Singh was advised to leave Ludhiana, and was told that while we allowed him an asylum within our territories he could not make use of his security to endanger the peace of other countries. After this intimation, the exiled Raja retired to Arki, the capital of the petty Hill State of Bhagal. Here he lived ten years in constant correspondence with his wazirs, never abandoning the hope of ultimate success. In A.D. 1826, encouraged probably by the dangerous illness of Ranjit Singh, the Raja determined on another struggle for his principality. Starting in the garb of a faqir, he reached Fatehpur, a village of Nurpur bordering on Haripur. The village functionary, a man called Dhiara, recognised the Raja in spite of his disguise, and immediately gave intelligence to the Sikh Commandant at Nurpur, and news was sent by express to Lahore that the hills were in rebellion. When the arrival of their chief was known the military population rose to a man and joined Bir Singh's
Chap. I. B.  
History  
Acquisition of the District by Ranjit Singh.

Datárpur was the next to fall. In A. D. 1818 Gobind Chand, Rája of Datárpur, died, and his son was held in durance until he consented to yield up his territory, taking in exchange a jágir grant. Amidst this wreck of hill principalities Síba alone remained comparatively unhurt. Ranjit Singh, at one time had doomed it to destruction, but the Sikh minister, Rája Dhian Singh, had obtained in marriage two princesses of the Síba family, one the daughter of the reigning chief, Gobind Singh, and the other the daughter of his brother, Míán Deví Singh; and through his interest Síba escaped with a yearly tribute of Rs. 1,500, and the surrender of the principal fort to a Sikh garrison. The country, however, was divided between the two brothers, territory worth Rs. 15,000 (subject to tribute) being given to the Rája, and taluca Kotila worth Rs. 5,000, unconditionally to Míán Deví Singh. It remains to mention Kotlehr, which had for a long time past maintained a precarious existence. In the time of the Katoch chief Ghamand Chand, grandfather of Sansár Chand, the taluca of Chauki, forming half of the principality, had been annexed to Kántgra, and during the period of Sansár Chand’s power, the Rája became entirely dispossessed. When Sansár Chand, was pressed by the Gurkhas, the Rájás of Kotlehr took advantage of his embarrassment to recover the fort of Kotwál Jhab, a hereditary stronghold on the second range of hills overhanging the Sutlej. In 1825 the Sikhs laid siege to this place. For two months the siege was maintained without success, the Rája commanding the garrison in person. At last the Rája was promised
Rája Sansár Chand died in 1824. Twenty years before, he was the lord paramount of the hills, and at one time a formidable rival to the power of Ranjit Singh himself. But he had fallen by his own rapacity and violence, and long before his death had sunk into the position of an obsequious tributary of Lahore. In 1819, Moorcroft, the traveller, describes him as poor and discontented and suspicious of the designs of Ranjit Singh. His son, Anrúd Chand, succeeded him, the Sikhs exacting a lakh of rupees as the fee of investiture. In 1827-28 Anrúd Chand having visited Lahore, Ranjit Singh preferred a request on behalf of Hira Singh, son of the minister Dhíán Singh, for the hand of his sister. Surrounded by Sikhs in the Lahore capital, the Katoch chief pretended to acquiesce, and returned homewards. His mind, however, was made up, and seeing the folly of resistance, he determined to sacrifice his kingdom, and to live an exile from his native hills, rather than compromise the honour of his ancient house. There were not wanting counsellors, even of his own household, who advised him to keep his country, and submit to the disgrace. But the young prince was inexorable; he crossed the Sutlej with all his household and retainers, and sought a refuge from oppression within British territory. Ranjit Singh and his ministers were foiled and enraged; but the person and honour of the Katoch Rája were safe beyond their reach. His country lay defenceless at their feet, and was immediately attached in the name of the Khálsa. To persons unacquainted with the prejudices of the hills, it may appear unaccountable that a kingdom, country, home, kindred and friends, should be deliberately relinquished, in order to maintain a point of etiquette. The family of Dhíán Singh were Rájpúts legitimately descended from the royal house of Jammu; and it appears scarcely an act of presumption that he, the powerful minister of Lahore, with no blot on his escutcheon, should aspire to obtain a Katoch princess for his son. But by immemorial practice among the hill chiefs, the daughter of the Rája can only marry one of equal rank with her father, and any chief who should violate this rule would most assuredly be degraded from his caste. Dhíán Singh was not a Rája, that is to say, he was not the hereditary chief of a hill principality. He could not boast of a title handed down through a hundred ancestors, and, though he was a Rája by favour of Ranjit Singh, his rank was not admitted among the proud and ancient highlanders. Shortly after reaching Hardwár, his chosen retreat, Rája Anrúd Chand married his two sisters to Sudarsen Sah, Rája of Garbwal, and at the close of the year died of paralysis. His son Rája Ranbír Chand resided for some years with the rest of the family at Arki, which had before been the refuge of BÁr Singh, the exiled Rája of Núrpur; but in 1833 he accepted from Ranjit Singh a jágir in the pargana of Mahal Mori worth Rs. 50,000, which was offered at the intercession of the British Resident at Ludhiána.
Besides this wholesale seizure of entire principalities, other neighbouring States were mutilated and deprived of their fairest possessions. The most prominent instance was Chamba. The greater portion of this State consists of steep, rugged mountains, yielding a scanty revenue, and not worth the cost and trouble of occupation. To the uninviting character of the country Chamba owes her present independence. But there was one part of the territory which equalled in richness the most eligible districts in the hills. This was taluka Rihla, an open and accessible plateau stretching far into the valley of Kangra, of which indeed it formed a natural portion. The possession of this tract had always been a bone of contention. The Mughals appropriated it as an imperial appanage, and on the decline of their power, the Chamba chief re-asserted his hereditary claim. When Sansar Chand rose to eminence he attempted to seize it, but Raja Rai Singh of Chamba advanced in person to the defence and lost his life on the battle-field of Nerti, a frontier village. A cenotaph has been erected on the spot where the chief fell, and an annual fair, attended by thousands, is celebrated there on the anniversary of his death. Sansar Chand succeeded only in retaining a few of the border villages, but Ranjit Singh, after the cession of the fort of Kangra, annexed the whole taluka; and from the Sikhs it has descended to us and forms a part of the district of Kangra Proper. Chamba keeps the rest of her territory, subject to a yearly tribute. Thus fell, and for ever, these petty hill dynasties, one at least of which had endured for 2,000 years. While our ancestors were unreclaimed savages, and the Empire of Rome was yet in its infancy, there was a Katoch monarchy, with an organized government at Kangra. In 1813 the work of demolition began, and in 1828 Ranjit Singh was absolute master of all the lower hills between the Sutlej and the Ravi.

The fate of the Kangra princes is a remarkable contrast to the fortunes of the hill chiefs across the Sutlej. There, the British power delivered the country from the yoke of the Gurkhas and restored the native princes without exception to independence. The knowledge of this generosity made the dethroned chieftains of the District look forward with anxious hope to the coming of the British rule, and converted them into desperate and discontented subjects when they found that the English Government intended its conquest for itself. So strong was this feeling of disappointment that three of the Kangra princes, as will be hereafter related, actually rose in insurrection during the last Punjab war in 1848-49.

The District was visited by both the English travellers Forster and Moorcroft, during the period of native rule. Forster passed through it in 1788. His book of travels gives a vivid idea of the country at that time; the enthusiastic loyalty with which the people of one petty State welcome their Raja returning to his capital from a foray on a neighbour; the dread with which another Raja who
amuses himself by having offenders torn to pieces by elephants in front of his palace is regarded; the wonderful prestige of the Sikh horsemen, by whom Nádaun and Haripur were then overrun. At the approach of two solitary plundering Gurcharas the gates of a castle fly open, and the best of everything is humbly placed at the disposal of the intruders. Moorcroft was in the district in 1820. He mentions that fine rice was then selling at Báijnath for 36 pakko sērs per rupee; coarse rice at 48; wheat at 40; yet there had been a poor harvest. Cattle fetched from four to six rupees a head. These prices are little more than one-third those which have prevailed during the last ten years.

The first Sikh war ended in March 1846 in the occupation of Lahore and the cession to the British Government of the Jullundur Doáb and the hills between the Sutlej and the Ráví. The occupation of this district, however, was not entirely unopposed. Notwithstanding the successes of the British arms and in despite of the treaty dictated at Lahore, the commandant at Kângra, relying on the time-honoured prestige of the fort, refused to surrender. The garrison at Kotla also followed his example. The British Resident came up in haste, and Diwán Dinânâth, the minister at Lahore, exercised both supplication and menace. But not until after a delay of two months when a British brigade had invested the fort, did the resolution of the Sikh governor give way, and he then agreed to evacuate, on condition of a free and honourable passage for himself and his men. After the surrender of the fort, a native infantry regiment was sent to garrison it, and a detachment of eighty men, under a European officer, was posted at Kotla. A full corps of the line was also stationed at the fort of Núrpur, and orders were received to raise a local regiment from the military population of the hills. For civil management, the whole of the hill tract between the Sutlej and Ráví (excepting the Jaswâin Valley) was constituted a separate District, of which Lieutenant Lake, Assistant Commissioner, was placed in charge.

At the beginning of 1848, the hills were supposed to be sufficiently peaceable to permit of a reduction of the military force. The line regiment in occupation of Kângra was removed altogether, and the hill corps, then organized and disciplined, was directed to receive charge of the fort. The garrison at Núrpur was also reduced to three companies, detached from the head-quarters of the regiment at Háijipur. When, however, in April of the same year, the Mooltan insurrection broke out, and the second Sikh war began, three companies of the line were ordered immediately from the 28th Regiment at Hoshiárpur to garrison the fort of Kângra, and the hill regiment went back to their cantonment in the valley. As the insurrection spread in the plains emissaries from the leaders of the rebellion were sent into the hills, inciting the hill chiefs to rise against the British Government, and promising them restoration to their hereditary kingdoms if the rebellion should prove successful. Disappointed at the conduct of the Government towards them, the hill Rájás were all disaffected; the Sikh overtures were favourably received, and
promises of assistance were exchanged. At the end of August 1848, Rám Singh, a Pathánia Rájput, and son of the minister of the ex-Rája of Núrpur, collected a band of adventurers from the neighbouring hills of Jammu, suddenly crossed the Rávi, and threw himself into the unoccupied fort of Shahpur. That night he received a congratulatory deputation from the neighbourhood, and proclaimed by beat of drum that the English rule had ceased, that Dalíp Singh was the paramount power, and that Jaswant Singh, son of Rája Bír Singh, was Rája of Núrpur and Rám Singh his wazír. The news of this insurrection reached Hoshiárpúr before it arrived at Kángra, and a small force at once hastening to the spot invested the fort. During the night, the rebels fled and took up another position on a wooded range of hills close to the town of Núrpur. Shortly afterwards, Mr. J. Lawrence, the Commissioner, and Mr. Barnes, the District Officer, came up with reinforcements. The position was stormed, Rám Singh routed, and obliged to seek shelter in the camp of the Sikhs at Rásíul. During his occupation of the hill he was joined by about 400 men from the surrounding villages, some of them Rájputs of his own family, but principally idle, worthless characters who had nothing to lose.

In November of the same year, a band of four or five hundred plundering Sikhs under Basíwa Singh besieged the fort of Pathánkot in the Gurdáspúr District, and before this insurrection was finally quelled, intelligence was received that Rája Parmodh Chand, Katoch, had raised the standard of rebellion in the eastern extremity of the District. The Deputy Commissioner of Kángra, who had proceeded to Pathánkot, was ordered to retrace his steps as fast as possible, escorted by three companies of the hill regiment. In the meantime the hill Rájás of Jaswán and Datárpúr, and the Sikh priest, Bedí Bikrama Singh, (29) encouraged by this example, spread revolt throughout the length of the Jaswán Valley, from Rájpúr to Rúpar. Mr. Lawrence, the Commissioner, with a chosen force, undertook their chastisement in person. Meanwhile the proceedings of the Katoch Rája became more clearly defined. He had advanced from Mahal Móri to Tíra, the fortified palace of his ancestors, and had taken possession of the neighbouring forts of Riyah and Abhemanpur, from which the cannon and ammunition of the old Sikh garrisons had not been removed. A salute of twenty-one guns was fired from the rampart of Riyah, and the people were informed that their hereditary chief had again assumed control of his dominions. The District Officer used every exertion to bring the Rája to his senses, offering still to procure him the pardon of Government and restitution of his dárír, if he would disband his forces and return peaceably to Mahal Móri. But his good offices were rejected, and on the 3rd December, when the detachment from Pathánkot was within ten miles of him, intelligence was brought that an army of 800 Katoch followers had crossed the river, and intended to attack it on the march. Soon afterwards the insurgent force was descried on the opposite bank of

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(29) See Gazetteer of Hoshiárpúr.
a broad ravine, and there was scarcely time to collect the men, and select a position when it advanced to the attack. The insurgents were met by a well-directed volley; their leader was wounded, and after a short engagement they retreated and were chased by the British detachment to within a few miles of Tira. Two days afterwards the Raja's followers deserted him, and he sent over word to the British camp that he was willing to give himself up. Next morning he was taken prisoner; the fort of Riyah was dismantled, and four pieces of ordnance were seized.

Simultaneously with the overthrow of the Katoch Raja, the force under Mr. Lawrence swept up the Jaswán Dúm. The Datáipur Raja was made prisoner without a blow. The Jaswan Raja offered resistance. His two positions, one at Amb and the other at Kharot, were attacked together, and carried with some little loss. The Rájas were arrested, and their palace fired and plundered. B. Sikandar Singh, frightened by these proceedings, fled to the Sikh camp of Sher Singh. His jágrás were attached, and his forts and palaces razed to the ground. All, however, was not yet over. In January 1849 Róm Singh persuaded Raja Sher Singh to give him two Sikh regiments, each 500 strong, to make a second irruption into the hills. He took up a strong position upon the Dálá heights, a ridge which overhangs the Rivi and presents towards the plains, the quarter from which an assailing force must proceed, a series of perpendicular blocks of sandstone varying from 50 to 100 feet high, and each forming in itself a strong and almost impregnable position. A force of all arms, under General Wheeler, marched to the attack, and the rebels were driven from their fastness with considerable slaughter, though not without loss to the British force. After the victory of Gujrit and the annexation of the Punjab order was speedily restored. The insurgent chiefs were banished to Almora. Róm Singh was transported to Singapur, every leader of note except a Katoch Sirdár called Pahár Chand was pursued, arrested, and placed in confinement, and Kangra subsided into a tranquil British province.

The following accounts of the events of 1857 is taken from the Punjab Mutiny Report. The peculiarities of this District are its mountainous nature, the number of rivers and streams that traverse it, and the number of petty chieftains and hill forts which are dispersed over its area,—the first two causes combining to make communication difficult and uncertain, and the last rendering it imperative, especially in times of anxiety like those under review, that the District Officer should be kept well informed of every event occurring anywhere. Very much of its tranquillity depends on the preservation of the two strong fortresses of Kangra and Núrpar.

"He who holds the fort (of Kangra)," say the country people, "holds the hills." Major Taylor, the Deputy Commissioner, was compelled to entertain a very large number of men to watch the

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(30) See Gazetteer of Hoshiárpur.
(31) The foregoing account is abridged from Mr. Barnes' Settlement Report.

It has led somewhat beyond the boundaries of this District. But it appeared more symmetrical to trace out here the history of all the Katoch chieftains rather than divide it between the Gazetteer of this District and that of Hoshiárpur.
Formation and the nakabs or hill passes, and his anxiety was further increased by the manifestation in two instances of an uneasy feeling among the hill chiefs. The first was by Rája Partáb Chand of Tira, who seemed inclined to raise troops on his own account. Major Lake with great promptitude removed the Katoch thánádár of Tira, who was one of his adherents, and substituted a Muhammadan, who afforded constant and true information regarding the Rája’s movements, and no outbreak took place. There was, however, one petty rising originated by a pretender, of unknown origin, to the extinct title and kingdom of the late Ráj Thákur Singh of Kulu. Under the impression that British power was annihilated, this person endeavoured to excite a rising against Gván Singh, the rightful heir, among the people of Kulu and Saraj. Major Hay, Assistant Commissioner at Kulu, had, however, been on the watch, and on the first overt act apprehended the soi-disant Partáb Singh, and executed him, with five of his chief men. Sixteen other conspirators were imprisoned by the same officer. A large store of powder and arms found in his fort, most of which seemed to have been long buried there, was destroyed.

A great impression was made upon the people by the energy evinced by Majors Lake and Taylor in occupying the Kangra Fort. This step was taken early on the morning of May 14th, when a party of Captain Younghusband’s sherdil (or lion-hearted) police were marched into the citadel. This was further defended by a howitzer taken from the fort below. The bulk of the treasure was at the same time sent into the citadel and the remainder lodged in the newly fortified police station. Every house in Dharmshálá was guarded by a detail of police or new levies, a part of which was also detached as the Jail guard. The post office was brought under a strict surveillance, the ferries and passes guarded, and all vagrants seized and brought before the Magistrates for examination. When information of the mutinies of the native troops at Jhelum and Sialkot reached Kangra, Major Taylor disarmed the left wing of the 4th Native Infantry with the aid of the men of the police battalion, and marched 34 miles the same night, with a part of the same body and some Sikh cavalry, to Núpur to disarm the right wing of the same regiment stationed at that place. The men had, however, voluntarily surrendered their arms to their commanding officer, Major Wilkie, at his simple request, before Major Taylor could arrive. Regarding this Major Lake very truly observes that it was, “one of the most remarkable episodes of this eventful mutiny and one which contrasts most favourably with the horrible outrages recorded elsewhere.”

The head-quarters of the District were first fixed at Kot Kangra. There were many reasons which made the selection appropriate. There was a garrison in the fort, and a populous town ensconced under the walls; but above all, there was the prestige attaching to the name. The same spot which had ruled so long the destinies of the hills still continued to remain the seat of local power. As time went on, however, it was found that outside the fort, which was fully occupied by the garrison, there was no sufficient room on the
KANGRA DISTRICT. The old District. [Part A.

CHAP. I. B.

History.

Formation of the District and its sub-divisions.

high ground for a civil station even, much less for a military cantonment, and the low ground near the rice-fields would have been very unhealthy. A cantonment was wanted for the hill regiment which Government was recruiting in the District, and some waste land on the slope of the Dhaoa Dhar was selected for the purpose. The spot had been best known as Dharmsala, from an old building of that kind which existed there, so the name was transferred to the cantonment. The officers of the regiment built themselves houses, and their example was followed by some of the civil officers, who got away from Kangra to Dharmsala whenever they could, attracted by the many advantages of the latter place in point of climate and beauty of scenery. At length, in March, 1855, the civil head-quarters of the District were moved to Dharmsala, only the Tahsildar of the pargana being left at Kot Kangra. At this time, in addition to a small bazar which sprang up near the lines of the native regiment, and a few Gaddi peasants’ houses scattered here and there in the forest, Dharmsala contained only some seven or eight European houses, of which about half were in the higher ground commonly known as Bhagsu.

As at first formed the District extended to the Rávi within the hills, and in the plains included 83 villages at the head of the Bári Doáb and extending from the foot of the hills to Pathánkot, which had been included in the cession of 1846. These villages belong entirely to the plains. They do not constitute an original portion of the ancient hill principality of Núrpur, nor at cession of the hills did they at first appertain to the jurisdiction of Kangra. But on the demarcation of the boundary between British territory and the dominions of Mahárája Dalip Singh, the villages, for sake of compactness, were made over to us. After annexation, when the whole Punjab fell under British rule, these villages clearly belonged to the District of Gurdáspur; and accordingly in 1852, after the completion of the settlement, they were transferred; while in 1861 the hill talukas of Kandi and Sháhpur belonging to the Núr pur pargana, and lying between the Rávi and the Chaki, a tributary of the Beás, were made over to the same District, in order to connect it with the sanitarium of Dalhousie. In the same year (1862) considerable changes were effected in the internal sub-divisions of the District.

As arranged at the time of the first settlement of land revenue, the head-quarters of tahsil sub-divisions were fixed at Kangra, Núr pur, Haripur and Nádaun. The head-quarters of the two tahsils last named were now transferred to Dera and Hamípur. From the old tahsil of Haripur, the taluka of Rángar was transferred to the Kangra jurisdiction; and the talukas of Changar Baliháí, Kaloha and Garhi were transferred from the old Nádaun Tahsil to the tahsil of Dera. The Nádaun Tahsil has since gone by the name of Hamípur, the name of the place to which its head-quarters were moved. In this way these two tahsils were made more equal in size, more compact, and with their head-quarters more in their centres; there were also other reasons for the change, for Haripur was out
The tahsil of Nārpur and Haripur as originally constituted contained little more than the areas of the old principalities after which they are named; while the Kāngra Tahsil comprised, with few exceptions, that circuit of country which had been under the immediate jurisdiction of the fort. The large size of the Katoch dominions led to the separation of the Nādaun Tahsil, which was a new sub-division. In every pargana is comprised a number of minor sub-divisions called talukas. These talukas are of very ancient origin and contemporaneous probably with the first occupation of the hills. They all bear distinctive names, and their boundaries usually follow the natural variations of the country. Political or arbitrary considerations have seldom been allowed to interfere. A taluka in the plains is liable to constant alteration, and the ruler of to-day effaces the marks set up by his predecessor; but the bounds of a hill taluka remain unchanged as the physical features which suggested them. Each taluka has its peculiar characteristics. In some instances, however, natural landmarks have been disregarded. Taluka Kotla, so called after the fort, is a circle of villages detached from surrounding divisions and assigned in former times for the maintenance of the garrison. Taluka Rihlu, though a natural part of the Kāngra valley, has distinct boundaries, because it belonged to a separate principality. Taluka Rājgīrī, as first constituted, contained only thirty-eight villages; in the time of the emperors the number was increased to fifty-two by arbitrary encroachments on neighbouring talukas. The talukas as they at present stand have been detailed in Chapter I, A. On the subject of talukas, Sir J. B. Lyall wrote:
"None of these changes involved any infraction of taluka boundaries, which remained just as Mr. Barnes fixed them. I have made two or three changes in the course of revision of settlement, but only for very good reasons. For instance, in pargana Hamirpur I transferred tappa Sola Singh from taluka Nadaun to taluka Kotlehr, because it is almost separated from the former by the Nadaun jāgir, and runs with taluka Kotlehr, to which it anciently belonged. Again, in pargana Kangra, for similar reasons, mauza Mant was transferred from taluka Santa to Rihlu and Lanoj from Pālam to Bangāhal; the last named village was, in some of Mr. Barnes' papers, classed as belonging to Pālam, and in some as belonging to Rājgīr; by situation, character and ancient history it belongs to Bangāhal. It is, I think, important that these taluka boundaries should be recognized and respected in all administrative arrangements. The peasant proprietors of the hills, who are a mixture of every caste and class, have strong local feelings or prejudices, which assist them in working together. To be of the same taluka is felt to be a considerable bond of union among the headmen of villages; this is a sentiment which should be fostered, as it may be very useful hereafter."

The table following shows the officers who have held charge of the District since annexation:

<table>
<thead>
<tr>
<th>Names of Officers</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lieutenant Edward Lake</td>
<td>February 1847</td>
<td>January 1847</td>
</tr>
<tr>
<td>Mr. G. C. Barnes</td>
<td>1851</td>
<td>1853</td>
</tr>
<tr>
<td>E. C. Bayley</td>
<td>1854</td>
<td>1855</td>
</tr>
<tr>
<td>T. D. Forsyth</td>
<td>1856</td>
<td>1857</td>
</tr>
<tr>
<td>F. H. Cooper</td>
<td>1858</td>
<td>1859</td>
</tr>
<tr>
<td>Major E. Lake</td>
<td>1860</td>
<td>1861</td>
</tr>
<tr>
<td>Mr. H. Jenkins</td>
<td>1862</td>
<td>1863</td>
</tr>
<tr>
<td>Major R. Taylor</td>
<td>1864</td>
<td>1865</td>
</tr>
<tr>
<td>Mr. R. Saunder</td>
<td>1866</td>
<td>1867</td>
</tr>
<tr>
<td>Major T. W. Mercer</td>
<td>1868</td>
<td>1869</td>
</tr>
<tr>
<td>Mr. P. Egerton</td>
<td>1870</td>
<td>1871</td>
</tr>
<tr>
<td>Colonel R. Young</td>
<td>1872</td>
<td>1873</td>
</tr>
<tr>
<td>C. E. Elphinstone</td>
<td>1874</td>
<td>1875</td>
</tr>
<tr>
<td>J. E. Crockett</td>
<td>1876</td>
<td>1877</td>
</tr>
<tr>
<td>Major E. Paske</td>
<td>1878</td>
<td>1879</td>
</tr>
<tr>
<td>Mr. C. P. Elliot</td>
<td>1880</td>
<td>1881</td>
</tr>
<tr>
<td>Major E. Paske</td>
<td>1882</td>
<td>1883</td>
</tr>
<tr>
<td>Captain A. Harcourt</td>
<td>1884</td>
<td>1885</td>
</tr>
<tr>
<td>Lieutenant-Colonel T. W. Mercer</td>
<td>1886</td>
<td>1887</td>
</tr>
<tr>
<td>Major E. Paske</td>
<td>1888</td>
<td>1889</td>
</tr>
<tr>
<td>Mr. J. G. Cordery</td>
<td>1890</td>
<td>1891</td>
</tr>
<tr>
<td>W. Coldstream</td>
<td>1892</td>
<td>1893</td>
</tr>
<tr>
<td>J. G. Cordery</td>
<td>1894</td>
<td>1895</td>
</tr>
<tr>
<td>J. D. Tremlett</td>
<td>1896</td>
<td>1897</td>
</tr>
<tr>
<td>Colonel C. V. Jenkins</td>
<td>1898</td>
<td>1899</td>
</tr>
<tr>
<td>Mr. J. A. E. Miller</td>
<td>1900</td>
<td>1901</td>
</tr>
<tr>
<td>C. M. Rivaz</td>
<td>1892</td>
<td>1893</td>
</tr>
<tr>
<td>G. W. Rivaz</td>
<td>1894</td>
<td>1895</td>
</tr>
<tr>
<td>Edward O'Brien</td>
<td>1896</td>
<td>1897</td>
</tr>
<tr>
<td>Clifford</td>
<td>1898</td>
<td>1899</td>
</tr>
<tr>
<td>Alex. Anderson</td>
<td>1900</td>
<td>1901</td>
</tr>
<tr>
<td>R. Sykes</td>
<td>1902</td>
<td>1903</td>
</tr>
<tr>
<td>Major F. W. Egerton</td>
<td>1904</td>
<td>1905</td>
</tr>
<tr>
<td>Mr. R. Sykes</td>
<td>1906</td>
<td>1907</td>
</tr>
<tr>
<td>A. G. Silcock</td>
<td>1908</td>
<td>1909</td>
</tr>
<tr>
<td>A. E. Martineau</td>
<td>1910</td>
<td>1911</td>
</tr>
<tr>
<td>J. G. Silcock</td>
<td>1912</td>
<td>1913</td>
</tr>
<tr>
<td>F. Yewdall</td>
<td>1914</td>
<td>1915</td>
</tr>
<tr>
<td>J. G. Silcock</td>
<td>1916</td>
<td>1917</td>
</tr>
<tr>
<td>F. Yewdall</td>
<td>1918</td>
<td>1919</td>
</tr>
<tr>
<td>J. G. Silcock</td>
<td>1920</td>
<td>1921</td>
</tr>
</tbody>
</table>
### Kangra District

#### Development

<table>
<thead>
<tr>
<th>Names of Officers</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Captain B. O. Roe</td>
<td>20th November</td>
<td>1900</td>
</tr>
<tr>
<td>Mr. L. White-King, C.S.I.</td>
<td>30th April</td>
<td>1901</td>
</tr>
<tr>
<td>Captain B. O. Roe</td>
<td>10th October</td>
<td>1901</td>
</tr>
<tr>
<td>Mr. R. E. Younghusband</td>
<td>28th January</td>
<td>1903</td>
</tr>
</tbody>
</table>

Some conception of the development of the District since it came into our hands may be gathered from Table No. 1, which gives some of the leading statistics for five yearly periods, so far as they are available; while most of the other tables in Part B give comparative figures for the last few years.
Section C.—Population.

Kángra (including Kulu) has a density of total population on total area of 80.2 persons to the square mile, being one of the four Districts of the Province which have a density of less than 100 to the square mile. Kángra Proper alone has, however, a density exceeding 200 to the square mile, but the average population per square mile of total area is, in the case of this District, a peculiarly false measure of the pressure of the population on the soil. Only 562,947 acres (according to present settlement figures) or 878 square miles of the total area of Kángra Proper are under cultivation. The pressure therefore upon the cultivated area is 814 persons to the square mile which approaches the rate of pressure in Jullundur, where the figure is 846.

In his District Report on the Census of 1881, the Deputy Commissioner wrote as follows:

"From Núrpur to Pálampur the population is very dense, and in the valley which stretches from Shahpur to Bajínáth it must be at least 400 to the square mile, which is very high for a tract so purely agricultural. But in other tracts it is necessarily scattered owing to the nature of the country."

The Tahsilis in order of density are given in the margin and show that the density increases the further one penetrates into the hills, until the fertile Pálampur Tahsil, the centre of the tea-growing industry is reached.

The whole District contains three towns and 715 villages. All the towns and 648 of the villages are in Kángra Proper. The population of the towns is given in the margin. Kángra, the old capital of the District, shows a decrease of 488 souls since 1891 and Núrpur continues to decrease, its population being less by 1,282 than in 1881. Once a centre of the shawl manufacture, which was carried on by Kashmiri refugees, it has never recovered the injury to that trade caused by the Franco-German war. Only two per cent. of the District population live in the towns.

The average population of the 'village' is 1,052 souls, throughout the District.

The 'village' of the Census statistics represents the fiscal rather than the social unit of habitation. The fiscal 'village' of Kángra, as will be more fully explained in the paragraphs which deal with the land tenures of the District, has very little resemblance to the villages of the plains. Among other points of difference, to be noted hereafter, one which most strikingly arrests attention,
is the absence of a common village site (abādi). The dwellings of the hill people are scattered promiscuously over the country, each family living upon its own holding in a state of isolation from the other families which are grouped with it into a fiscal circuit. Some of these circuits are small; others are of considerable extent and embrace a considerable population; but even in the largest it is rare to find an aggregation of more than a few houses upon any one spot, and as the Deputy Commissioner remarked in 1881:

“The district is a very hilly one, and numerous spurs extend in all directions from the great snowy range (Himuli or Dhoka Dhār as it is called). Hence, with the exception of a few towns, the people mostly live in detached hamlets which they build among the fields they cultivate. The extensive use of manure for the fields renders it necessary that they should live on the spot, as the labour of carrying is necessarily so great in such a hilly country. Even where the villager does not himself live on the fields he will usually build his cattle-shed there, so as to have the supply of manure close at hand. The abundance of wood available obviates the necessity of using dung as fuel, while in many places the soil is too barren to yield good crops without artificial stimulus.”

The figures in Part B show the population of the District at the enumerations of 1868, 1881, 1891 and 1901, besides the census of Kangra Proper taken by Mr. Barnes in 1850 and again in 1855. But, as there shown, there is much doubt as to the accuracy of the enumerations before 1881, and as to the figures of 1850 and 1855 the changes in boundaries noted above make any detailed comparison unprofitable. The population of Bisti Bāchteru, Shahpur and Kandi, which were included in 1850 and 1855, is stated to have been 41,754 souls in 1868. Assuming for the purpose of comparison that this number had remained constant throughout, we have for the total population of Kangra Proper the following figures:

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>In 1850</td>
<td>542,673</td>
</tr>
<tr>
<td>1855</td>
<td>595,012</td>
</tr>
<tr>
<td>1868</td>
<td>644,959</td>
</tr>
<tr>
<td>1881</td>
<td>621,864</td>
</tr>
<tr>
<td>1891</td>
<td>647,849</td>
</tr>
<tr>
<td>1901</td>
<td>648,539</td>
</tr>
</tbody>
</table>

There is thus shown to have taken place an increase of 52,339, or 9.64 per cent. between 1850 and 1855; and a further increase, between 1855 and 1868, of 49,947, or 9.21 per cent., giving a total increase, between 1850 and 1868, of 102,286, or 18.85 per cent. The increase shown between 1850 and 1855 may appear, and probably is, somewhat excessive; but that the early years of British rule were marked by a great addition to the population is not to be questioned. The return of Rajpūts in 1849 who had been previously employed in the Sikh army would alone account for the addition of some thousands to the population.

The following is extracted from the Census Report of 1901:

“The conditions of this District are peculiar. There would appear to be but little room for extension of cultivation, the people are averse to emigration, and the population remains almost stationary.

“The District-born population now amounts to 720,248, or 93.8 per cent. of the total, as against 718,850, or 84.3 per cent. in 1891, an almost
The following figures show the fluctuations of population by Tahsils since 1881:

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>1881</th>
<th>1891</th>
<th>1901</th>
<th>Percentage of Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kangra</td>
<td>621,564</td>
<td>647,849</td>
<td>668,520</td>
<td>+4.2%</td>
</tr>
<tr>
<td>Palampur</td>
<td>121,888</td>
<td>129,399</td>
<td>132,655</td>
<td>+2.6%</td>
</tr>
<tr>
<td>Nairpur</td>
<td>105,244</td>
<td>109,856</td>
<td>102,285</td>
<td>-7.9%</td>
</tr>
<tr>
<td>Dera</td>
<td>121,423</td>
<td>125,512</td>
<td>125,593</td>
<td>+0.7%</td>
</tr>
<tr>
<td>Hamirpur</td>
<td>126,920</td>
<td>122,705</td>
<td>161,420</td>
<td>+31.5%</td>
</tr>
<tr>
<td>Total, Kulu Sub-Div.</td>
<td>213,781</td>
<td>215,191</td>
<td>193,566</td>
<td>-9.6%</td>
</tr>
<tr>
<td>Kula</td>
<td>52,146</td>
<td>54,690</td>
<td>58,954</td>
<td>+8.6%</td>
</tr>
<tr>
<td>Puch</td>
<td>50,876</td>
<td>50,553</td>
<td>50,031</td>
<td>-1.1%</td>
</tr>
<tr>
<td>Total, District</td>
<td>326,964</td>
<td>324,033</td>
<td>343,815</td>
<td>+2.6%</td>
</tr>
</tbody>
</table>

The following notes are reproduced from the Census Report of 1901:

Tahsil Kangra.—The rural population is practically stationary, having increased by 410 only, since 1891.

Tahsil Nairpur.—This tahsil shows a decrease of 2,805 since 1891, and the District Census Report states:—“An explanation which may be tentatively advanced is that a large proportion of the land in these tahsils being poor will not well support an increase of population, and if there has been an increase in reality, it has been drawn off by emigration for private and military service. In addition to the 37th and 38th Dogra regiments another Dogra regiment is being raised, and there are Dogra companies in other regiments.”

The falling-off in tahsil Hamirpur amounts to 1,281 souls, and the above explanation applies to this tahsil also.

The fluctuations since 1868 were thus discussed by the Deputy Commissioner in his Census Report for 1881:

“The increase of population in the Kangra Tahsil is chiefly due to the extension of tea cultivation, as a large number of coolies are employed in the various plantations, European as well as native; whilst the large decrease in the Nairpur Tahsil is partly accounted for by the decay of the shawl trade, and partly by the town (which was formerly a very large and largely populated) having been of late years almost entirely deserted.

“The decrease in the Dera and Hamirpur Tahsils may be partially accounted for by the late war in Kabul, as the chief number of our recruits in this district are taken from those ilakas; it is also an unhealthy part of the district. Since 1868 the cultivated area of the district has increased from 485,940 to 717,380 acres, if the annual returns are to be trusted.”
The following table shows the effect of migration on the population of the Kangra District according to the Census of 1901:

<table>
<thead>
<tr>
<th>Districts, States and Provinces</th>
<th>Total immigrants</th>
<th>Number of males in 1,000 immigrants</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Districts, States and Provinces</th>
<th>Total immigrants</th>
<th>Number of males in 1,000 immigrants</th>
</tr>
</thead>
</table>

- Malwa
- Malwa Hill States
- Sindh
- Hoshiarpur
- Uttara

The bulk of the immigration is from the Districts, States and Provinces in India noted in the margin. The immigration from the countries outside India is very small.

<table>
<thead>
<tr>
<th>Districts, States and Provinces</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
</table>

The District thus loses 1,931 souls by migration, and its net interchanges of population with the Districts and States in India which mainly affect its population are noted in the margin.
Comparison with the figures of 1891 shows that Kangra lost, by intra-Provincial migration alone, 8,505 souls in the decade ending 1901 or 1,462 fewer than in the previous decade.

Taking the figures for intra-Imperial migration, i.e., those for migration in India both within the Punjab and to or from other Provinces in India we have the marginal data.

The following remarks on the migration to and from adjoining territory, taken from the Census Report of 1881, still hold good:

"In Kangra the density of rural population per square mile of cultivable area is higher than in any other Punjab District except Simla; but the mountain sides afford pasture to numerous flocks and herds, and the carrying trade with Central Asia contributes to the means of the people. The population is largely indigenous, 95 per cent. of the villagers being born in the District; and interchange of population is confined to the neighbouring Districts and States. The contrast between the proportion of males among the emigrants to and immigrants from Simla, respectively, show strikingly how temporary is the one and how reciprocal the other movement; while the same test shows the relative nature of the migrations to and from the overcrowded District of Hoshiarpur to be exactly the reverse, the emigration being reciprocal, and the immigration not temporary indeed but permanent. The migration to and from the Hill States is apparently largely permanent. The immigration from Chamba, however, which forms a considerable proportion of the whole, is chiefly periodic. The immigration from Kashmir is doubtless a result of the late terrible famine which has desolated that country; and the moderate percentage of males show how largely whole families must have fled from starvation. The permanent colonies of Kashmir shawl-weavers at Nāpur and Tiloknāth have almost disappeared with the falling-off in the trade."

The following statement shows the age distribution per 10,000 persons of both sexes:

<table>
<thead>
<tr>
<th>Age period</th>
<th>Males</th>
<th>Females</th>
<th>Persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>448</td>
<td>449</td>
<td>897</td>
</tr>
<tr>
<td>1 and under 2</td>
<td>433</td>
<td>418</td>
<td>851</td>
</tr>
<tr>
<td>2</td>
<td>324</td>
<td>271</td>
<td>595</td>
</tr>
<tr>
<td>3</td>
<td>313</td>
<td>241</td>
<td>554</td>
</tr>
<tr>
<td>4</td>
<td>209</td>
<td>157</td>
<td>366</td>
</tr>
<tr>
<td>5</td>
<td>113</td>
<td>73</td>
<td>186</td>
</tr>
<tr>
<td>10</td>
<td>241</td>
<td>208</td>
<td>449</td>
</tr>
<tr>
<td>15</td>
<td>330</td>
<td>301</td>
<td>631</td>
</tr>
</tbody>
</table>
KANGRA DISTRICT.

Sex.

[Part A.]

The Kangra District returns a very low birth-rate, the average for the five years 1898—1902 being only 34.6 per mille of the population (17.8 males and 16.8 females). The Civil Surgeon reports that separate figures for Hindus and Muhammadans cannot be obtained, but as the population is almost exclusively Hindu it may be assumed that the low birth-rate is due to the Hindu element in the population. The low birth-rate cannot apparently be attributed to defective registration but is to be assigned to the paucity of women in the District.

Superstitions regarding unlucky births are rife in Kangra. Thus a child born in Katak is unlucky and the evil is averted by a fictitious re-birth from a cow, 'gobarsab,' or by a magic bath, into which various ingredients called sarboa Khadi are put. A birth which occurs on the annaivas is dangerous to the father, and one on the chantardashi, or 14th of a lunar month, to the mother, but her danger can be averted by making an image of Shiva and giving it to a Brahman. Similarly certain nakshatras are unlucky to various persons and complicated rites are required to avert them. These superstitions are all based on the Hindu systems of astrology. Other ideas appear to have a different origin. Thus a child born after twins (child or jonkri) is called lahkha or little, but it portends neither good nor evil: one born after them of the other sex is trechar or trekar and is dangerous to its parents; (3) one born in the 8th month of pregnancy, athwahah, is equally so, and the danger is occasionally warded off by turning a charbh or spinning-wheel round the mother's head and giving it to the midwife. Deformed children born with six fingers or apertures in the nostril or ear are called gurnandad, but are not ill-omened. One born with a deformity of the head, tamundad, is however inauspicious.

The number of males in every 10,000 of both sexes is shown below:

<table>
<thead>
<tr>
<th>Census of</th>
<th>Whole District</th>
<th>Kangra Proper</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In villages.</td>
<td>In towns.</td>
</tr>
<tr>
<td></td>
<td>1881</td>
<td>1883</td>
</tr>
<tr>
<td>All religions</td>
<td>5,178</td>
<td>5,184</td>
</tr>
<tr>
<td>Hindus</td>
<td>5,163</td>
<td>5,184</td>
</tr>
<tr>
<td>Sikhs</td>
<td>5,503</td>
<td>5,803</td>
</tr>
<tr>
<td>Muhammadans</td>
<td>5,475</td>
<td>5,475</td>
</tr>
</tbody>
</table>

(3) It appears however to depend on the nakshatra. If that be auspicious the child is peculiarly lucky and a well-known proverb runs: trechar rele ya sangele, i.e., a trechar portends either good or evil. But in this case trechar is the term for a child born after two of the other sex, one born after three being called choler. (Palamur).
The marginal table shows the number of females under five years of age to every 1,000 males as returned in the Census of 1901. Thus the proportion of girl children to boys is satisfactory among Hindús and Muhammadans, but the Sikh population is too small in this District to form a basis for comparison. If the data for Kangra Proper alone be taken it will be found that girls under 5 number 1,033 to 1,000 boys. Details for certain castes and Rajpóts tribes will be found in Appendix I to Table XIV of the Census tables for 1901.

Among the members of the three superior brahms, (Brahmans, Kshatrias, and Vaisyas) the rules prohibiting the marriage of daughters with men of lower castes are exceedingly strict. There is a widely prevalent custom, particularly among the Brahmins and Rajpóts, according to which a man must always take a wife from lower and give his daughters to a higher caste. There is the greatest difference between giving a girl and taking a girl. If a Rajput is asked with what class he may intermarry, he will usually mention some below his own, but if asked whether he would give his daughter to the same tribe in exchange, would be horrified at the idea. The same rule prevails among the local Brahmins, though to a less extent. The Deputy Commissioner (Mr. Coldstream) wrote:

"The result of this is, that it becomes most difficult to obtain a suitable match for high-born girls, and there can be no doubt, I think, that the custom of infanticide is by no means extinct. It is, however, practised in a much more scientific method than in former days. It was not long ago that a case of this kind was brought before me in which there was evidence to show that the woman had deliberately prepared to put an end to the child's life if it should turn out to be a girl, as it actually did. She described how a female relative of her's had advised her to starve the child, roll over it, fling it about, and if these methods had not the desired result, give it some opium. In this case she happened to be discovered, but it is most probable that there are many such which elude detection. The system adopted for prevention of the crime can only operate as a partial check, as the families in which it is more usually committed are more or less influential."

Throughout the whole District infant marriages are customary, the only exception being in the case of very high-caste girls for whom it is difficult to find a suitable match. The different tribes marry as a rule among themselves, but cannot marry persons of the same zát or al. The lowest tribes are just as strict in respect as the high-born ones. For instance, a Rámdási Chan must marry a Chamári who is not a Rámdási. A Nagtain F must marry a Badin who is not a Nagtain. A Vihan Gaddi must

(4) Zát—sept, al simply defines people of the same sept living in one place. The Ghiraths use the terms loosely.
Polyandry.

CHAP. I. C.

Population.

Marriages.

Polyandry is never practised in this part of the District, though it is practised in Saraj and Lahul. It is not uncommon, however, for a man to sell his wife to any one else who makes a fair bid for her. Sometimes such agreements are executed on stamped paper and presented for registration. Polygamy is considered allowable, and is more or less practised among nearly all the tribes. The difficulty of procuring wives acts, however, as a considerable check on this practice.

The following is a brief summary of the customs prevailing in Kangra Proper regarding inheritance, rights of widows and daughters, powers of gift, adoption, &c. Except in those talukas of Nuhpur, the tenures of which assimilate to the plains, it is the general custom of all tribes in Kangra Proper for the jheta beta, or

Carry a Gaddan who is not a Vihan, and so on. With reference to the gutar, there seems less strictness, though amongst most tribes it is positively forbidden to intermarry in the same gutar. Among high-caste people it is considered wrong to take any payment for a daughter, but among most of the low castes it is customary for a regular traffic to be carried on in girls; and although this may seem contrary to morality there can be little doubt that it acts as a check on infanticide, and leads to girls being better cared for by their parents. There are four kinds of betrothal contracts which are very common among the lower classes in this District.

1. Exchanges (atta satta ka nata).—These are sometimes most complicated and perplexing. A will promise his daughter to B, on condition that the latter gives his to C, who again promises his daughter to A. Sometimes there are five or six links in the chain, and a breach of promise on the part of one will involve the whole arrangement in confusion, especially if some of the promises have been fulfilled.

2. Labour.—The bridegroom elect binds himself to work for the bride’s family sometimes for nine or ten years, perhaps after all to have the mortification of seeing her married off to some one else, just as he was expecting to carry off the prize. This is probably a very ancient custom, and reminds one of the story of Jacob working for Laban for his two daughters Leah and Rachel.

3. Money.—Cash payment is made for the bride, varying according to the circumstances of the family. This is a fruitful source of debt, and also acts as a check upon marriage. Numbers of marriageable young men are obliged to go without wives, owing to the exorbitant demands made by the parents of eligible young ladies, but it is much more common to mortgage the ancestral land and pay the demand.

4. Dharm or pun betrothals, where no payment or exchange of any kind is made. These are comparatively rare among the lower classes. Accounts of the customs connected with marriage among the Gaddis and Ghiraths will be found in Monographs Nos. II and III of the Punjab Ethnography. As usual, trees play an important part in marriage ceremonies in this District.

Polyandry and poly-
Inheritance.

Something nearly approaching to a custom of primogeniture prevails in a few families. For instance, the Ránas of Habrol, Gumbhir and Dhatwal give small allotments only to younger sons, which revert to the Rána or head of the family for the time being in case the younger branch dies out; and the Dhatwal cadets, moreover, have to pay heavy grain rents on their allotments to the Rána, though they are acknowledged to hold as proprietors. In the case of the Induria Rájpúts it is asserted that all sons inherit equal shares of the bās or residential estates and that the remaining, which are known as chaundlhr estates, go to the eldest son as chaundlhr. But this asserted custom is somewhat obscure, and is disputed. The fact is that the chaundlhrs' interest in the chaundlhr estate has changed in degree and in nature since the days of the Rájas. It then amounted to little more than the right to certain liberal fees on the rents in kind which went to the Rájas; but the Sikhs leased these rents in kind, and in fact the whole profit and loss on the estates, to the chaundlhr for fixed sums. Among the Kanets of Kothi Sowár, that is of Chhota and Bara Bangálal, the custom was that the vands or separate holdings were indivisible. If a man died possessed of one raud only, it went to the kanna bétá or youngest son; if he held two, the other went to the next youngest. How this custom arose is explained in this way: in the first place the vands were allotments only capable of properly maintaining one family; in the second place the eldest son used to be away in his father's lifetime doing chákari, or feudal service of some kind, to the Rája, and could generally manage to get a grant of land elsewhere, while the younger son stayed at home with his father and succeeded him. An examination of the pedigree trees for these vands or holdings will show that the custom has been in full force up to the present time or till very recently. Among the people concerned opinions differ as to whether it should be enforced by our Courts in cases of

(6) This custom is said to be dying out.
dispute in future. Sir J. B. Lyall thought it should not, "as over
and above change of circumstances, the tenure has been altered by
the first settlement. In place of a mere allotment of fields the
Kanet of Kothi Sowár now owns, besides his fields, a share in the
waste lands of an estate which may be compared to a small Swiss
canton."(8)

In respect of questions of legitimacy or validity of marriage
the landholders may be put into two classes, riz., first those whose
women affect seclusion and do not work in the fields, and who
cannot contract what are known as jhanjarara or widow marriages;
and secondly those who marry widows and allow their women to
work more or less in the fields. Among the former the son of a
rakhnara, or kept, as opposed to a biutar, or married, woman would
be a sirtora or illegitimate, and would inherit no share. Among
the latter the son of any kept woman (provided she was not of
impure race, connection with whom would involve loss of caste)
would by custom or past practice share equally with the son by a
wife married in the most formal manner; probably because in such a
case a jhanjarara marriage would be inferred. Very little outward
ceremony is used in the case of a jhanjarara marriage. It is
doubtful whether concubinage accompanied by the putting off
of the outward signs of the widowed stage, i.e., resuming the balu or
nose-ring, is not sufficient to make a valid marriage according to
the real custom of the country, but the husband generally celebrates
the event by a feast, and there is a tendency to consider this a
necessary formality. The Gaddís say that among them if a widow
has been, as they understand it, lawfully obtained from her guardi-
ans in consideration of value given, then she is reckoned a wife,
whether any ceremony be performed or not. The feeling among the
Kanets is the same.

Pichlags, that is, sons begotten by a first husband, who accom-
pany their mother to her second husband’s house or are born therein,
are not entitled to a share. This is the general rule; but the Gaddís
and Kanets appear to hold that, if a man takes a widow to wife
who is at the time under, the child born will be reckoned his child,
and not a pichlag. (7)

Among the Gaddís a child born to a widow within four years of
her husband’s death succeeds, provided that she is still living in her
husband’s house. The custom is called chaukhan, i.e., “four walls.”
(Punjab Notes and Queries, 1884, art. 668. Cf. also Indian Anti-
quary, 1902, p. 359, and 1904, p. 32.)

All tribes agree that a man can adopt a son out of his own gotar
or clan. (8) It is doubtful whether public opinion would support the

(6) See note on Tribal Law in Chapter III a.
(7) On this point see Question 7 in Appendix B (Addenda to the Rivai-i’ám)
printed in Monograph No. II. If the price of the woman has been paid to the first
husband the child belongs to the purchaser, if not, it belongs to the first husband.
(8) But see Question 11 of the same. The Gaddís say a man can only adopt from
the descendants of a common ancestor and that the adopted son loses all claim on his
natural family.
adoption of a son from another clan if the kinsmen objected, unless perhaps in the case of a daughter's son, and even then there would be difference of opinion; but the majority would support the validity of the adoption. Many written deeds of adoption, old and new, are to be found in the District; but writing was formerly resorted to only in cases where a dispute was anticipated either because the adopted son was a very distant kinsman, or for some other similar reason.

There is very little formal adoption in this District. A man more often makes a will in favour of a kinsman or son-in-law who has lived with him and helped to cultivate his land.

With regard to a widow's right to inherit, the Rajputs, Brahmans, Khatri, Mahajans, etc., say that she holds for life on condition of chastity and the majority of judicial decisions uphold this view. The Kanets of Kothi Sowar say clearly that so long as she continues to reside in her late husband's house, she cannot be dispossessed even though she openly intrigues with another man, or permits him to live in the house with her. This is the real custom also of the Ghiraths and other similar castes in Kangra, though they do not admit the fact so bluntly.

With regard to daughters, all classes agree that, in default of sons, an orphan daughter has an interest similar to that of a widow, so long as she remains unmarried. The general feeling seems to be that a daughter or her children can never succeed by simple inheritance to landed estate in preference to kinsmen, however remote. This is what the people say when the question is put to them in a general way; but they occasionally take another view in actual cases, and the history of estates show that daughters have occasionally been allowed to inherit. All, however, admit that in default of sons a father can, by formal deed of gift, bestow acquired land on a daughter or her children; and the people of the kahzawari talukas say that such a gift of ancestral land even would not be invalidated by objections made by kinsmen too remote to perform shrudh or offer the pind to a common ancestor. According to this the power to object would be limited to the descendants of the donor's great-great-grandfather, for the worship of ancestors is not carried farther. The Gaddis and Kanets, however, dispense with these shrudh ceremonies, and therefore can give no limit beyond which the claims of kinsmen should be rejected as too remote. This does not imply that among them the feeling of kinship and of right of succession is kept alive longer; the contrary is decidedly the case. By ancestral land is generally understood land once held by the common ancestor, not all land whatsoever inherited by the donor.

The eastern group of hill languages is shown in the tables as Pahari, and would appear to be practically the same as the Garhwali.

[Mr. Lyall, however, who probably knows more than anybody else of the people of the Punjab hills, thinks that the people of Kangra Proper, as distinct from Kulu, approach both in race and language nearer to the western or Dogra than to the eastern or Pahari group.]

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*CHAP. I. C.*

Population.

Customs of inheritance, legitimacy, &c.,

Lyall, § 74.

Language.
of the philologists. Its western boundary is the eastern watershed of the Ravi which separates Chamba from Kangra; to the north it is separated from the Tibetan group of tongues by the mid-Himalayas; to the south it extends as far as the foot of the mountains, but not to the low hills at their base; while it stretches away eastward through Garhwal and Kumáon to meet the Nepalese. It is an Indic language, more akin to Hindi than to Panjábi, and is included with Nepalese by Hörnle in his Northern Gaudian group. But here, as in all mountainous tracts, dialectic variations are numerous, each considerable mountain range separating two forms of speech which differ in a greater or less degree. Thus the Mandi people call their dialect Maudéli, the Kulu people, Kuluhi. Gádi is spoken by the inhabitants of the range which divides Kangra from Chamba, and Hindúti by the people of the lower Hill States. The character used is the Thákuri or Tankri of the hills, but the only literature that the language appears to possess begins and ends with a small but interesting collection of rhapsodies in praise of Rája Jagat Sing (A. D. 1650) by a Kángra bard called Gambir Rai (J. A. S. B., 1875, p. 192). In his District Census Report for 1881, the Deputy Commissioner wrote:

"The dialects spoken are various, as may be guessed from a glance at the list of principal tribes. The Gádis, Kashmíris, Labánas and valley people are mostly unintelligible to one another, so far as their own particular language or dialect goes, though there is a common colloquial which may be styled Pahári, for want of a better name, which is generally understood by all. I have taken some trouble to collect some of the words used in ordinary conversation, and am satisfied that the dialect which generally prevails is distinctly Sanskritic in its origin; as is also the character, though the latter is quite distinct from any character used in the plains, and cannot be deciphered except by inhabitants of the district."

The languages of the Kulu Sub-division are further discussed in Volume II.

The following quotation from Sir J. B. Lyall’s Settlement Report shows the nature of the institution of caste in the hill regions of Kángra:

"Till lately, the limits of caste do not seem to have been so immutably fixed in the hills as in the plains. The Rája was the fountain of honour, and could do much as he liked. I have heard old men quote instances within their memory in which a Rája promoted a Ghirath to be a Ráthi, and a Thákár to be a Rájpút, for service done or money given; and at the present day the power of admitting back into caste fellowship persons put under a ban for some grave act of defilement is a source of income to the jágirdár Rájas. I believe that Mr. Campbell, the present Lieutenant-Governor of Bengal, has asserted that there is no such thing as a distinct Rájpút stock; that in former times, before caste distinctions had become crystallized, any tribe or family whose ancestor or head rose to royal rank became in time Rájpút."

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The text contains a reference to Dr. Grierson in Volume II, § 73, regarding the classification of Gádi or Barmauri as belonging to the Chamba group of the W. Pahári dialects. It has the harsh kh for s characteristic of other hill dialects, e.g., khako for sás, khunna, to hear, while many words peculiar to Gádi begin with kh, e.g., khina, to fall (of snow) khila, old, khina, hail, khingna, to smell. The late Mr. O’Brien compiled a Gádi Grammar reprinted as an Appendix to this volume.
"This is certainly the conclusion to which many facts point with regard to the Rajput of these hills. Two of the old royal and now essentially Rajput families of this district, viz., Kotleb and Banghal, are said to be Brahman by original stock. Mr. Barnes says that in Kangra the son of a Rajput by a low-caste woman takes place as a Rathi; in Seoraj and other places in the interior of the hills I have met families calling themselves Rajputs, and growing into general acceptance as Rajputs, in their own country at least, whose only claim to the title was that their father or grandfather was the offspring of a Kanetni by a foreign Brahman. On the border line in the Himalayas, between Tibet and India Proper, any one can observe caste growing before his eyes; the noble is changing into a Rajput, the priest into a Brahman, the peasant into a Jat; and so on down to the bottom of the scale. The same process was, I believe, more or less in force in Kangra Proper down to a period not very remote from to-day."

And the remarks quoted in the following paragraph show how exceedingly indefinite are the lines of demarcation between the different castes.

The following description of the social positions of the principal proprietary castes is also taken from Sir J. B. Lyall's Report:

"... it will be seen that I have divided the Brahmans and others into two grades. In Mr. Barnes' account of the population he makes refraining from agriculture the line of distinction between first class and second class Brahmans. I think it would be more accurate to put it at refraining from ploughing; there are many Brahman families who are too proud to plough, but very few who do not do every other kind of field work themselves. Now-a-days the same may be said, with nearly equal truth, of the better Rajput families. The Miáns, or first grade Rajputs, are the members of the 22 royal houses, of whom a list is given in Mr. Barnes' paragraph 262, and of a few other houses such as the Manhás, Sonkla, Bangahlia, Chohánu, and Rahtor clans, all of which, either now or at some former time, have had a Rája to their head in some part of Northern India.

"The Rajput clans of the second grade might more properly be called first grade Thákars: among the most distinguished and numerous of them are the Habrois, the Dhatwáls, the Indauriáns, the Nángles, the Gumbaris, the Ránes, the Banáls, the Ránás, the Mailes. They marry their daughters to the Miáns, and take daughters in marriage from the Ráthis. In the statements most of the Thákars have been entered as second class Rajputs, and a few as first class Sudras. Most of the Thákars entered in this last class might more properly have been classed as Ráthis. The Núpur Thákars are all no better than Ráthis. A Thákár, if asked in what way he is better than a Ráthi, will say that his own manners and social customs, particularly in respect of selling daughters, marrying a brother's widow, &c., are more like those of the Mián class than those of the Ráthis are. The best line of distinction, however, is the marriage connection; the Mián will marry a Thákár's daughter but not a Ráthí's, The Ráthi's daughter marries a Thákár, and her daughter can then marry a Mián. No one calls himself a Ráthi, or likes to be addressed as one. The term is understood to convey some degree of slight or insult; the distinction between Thákár and Ráthí is, however, very loose. A rich man of a Ráthi family, like Shib Díal Chaudhrí of Chetru, marries his daughter to an impoverished Rája and his whole clan gets a kind of step and becomes Thákár Rajput. So again a Rája out riding falls in love with a Patial girl herding cattle, and marries her; thereupon the whole clan begins to give its daughters to Miáns. The whole thing reminds one of
The struggles of families to rise in society in England, except that the numbers interested in the struggle are greater here, as a man cannot separate himself entirely from his clan, and must take it up with him or stay where he is, and except that the tactics or rules of the game are here stricter and more formal, and the movement much slower.

"After the Rajpûts come the families belonging to the Bes Barn, or caste division. I have put the Khatris in this, as they are all traders and shop keepers, but they claim to belong to the Chatri Barn and to rank with Rajpûts. The other castes in this division are the Mahâjans, Kaitis, Sûds, and Karârs, all bankers, traders and shop-keepers.

"The Sûdras of the first grade comprise Thâkars, Râthis, and Kanets only. The most important tribes among the second grade Sûdras are the Gîrthas, who much exceed any other tribe of the grades in numbers, except in Nûrupur, where they are beaten by the Jats. Next after the Gîrthas and Jats in number come the Lohârs, Nâís, Kumhârs, and Tarkhâns, most of whom carry on their hereditary professions, though they also own land. This is also true of the Kalâs, the Darzîs, the Baterâs, the Chimbâs, the Jhiwârs, and the Suniyârs. In this grade are also found the Sainis, the Hindú Gújârs, and the Kolîs, who are purely agricultural tribes; the Lohânas are also carriers and traders in grains. The Bhojkîs, Gusaîns and Jogîs have or had some priestly avocations. The amount of land held by Muhammadans is very insignificant. In Nûrupur there are a few Syâds, Râwals and Arâins; in the other parganas the Gújârs are the only true landholding class among Muhammadans, though some artizans calling themselves Shekhs (in origin converts from among the lowest castes of Hindús), hold small patches.

"Among the nîch or inferior castes of Hindús, are the Julîshas, the Karâuks, the Daugrîs, Chamârs, Sârârîs and Dumnâs, whom other Hindús look upon as outcastes. Most of them eat the flesh of cows or oxen which die a natural death.

"Of the total cultivated area of Kangra Proper (exclusive of the three unsettled jâgirs, for which I have no returns of holdings) the Brahmans of both grades own about 18 per cent.; the Rajpûts of the first grade about 6 per cent.; the Rajpûts of the second grade about 15 per cent.; the Khatris, Mahâjans, Kaitis, Sûds, and Karârs about 2 per cent.; the Thâkars, Râthis, and Kanets about 37 per cent.; the 2nd grade Sûdras about 19 per cent.; the Muhammadans about 1 per cent.; and the outcast Hindu tribes about 2 per cent. The second class Rajpûts, as I have said, are really Thâkars. The Thâkars and Râthis, therefore, own between them about half the country, as the share of the Kanets in Kangra Proper is very small."

(11) See note to p. 74.
**Kangra District.**

**Distribution of property.**

**[PART A.]**

**DISTRIBUTION OF PROPERTY IN PARGANA, KANGRA (REVISED SETTLEMENT, 1867).**

<table>
<thead>
<tr>
<th>Name and grade of caste.</th>
<th>Number of families</th>
<th>Number of holdings</th>
<th>Number of share holders</th>
<th>With their own lands</th>
<th>By farm servants only,</th>
<th>Total cultivated.</th>
<th>Land Revenue Demand in Rupees.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st grade Brahmans .....</td>
<td>116</td>
<td>1,107</td>
<td>7,029</td>
<td>3,239</td>
<td>208</td>
<td>6,518</td>
<td>18,701</td>
</tr>
<tr>
<td>2nd grade Brahmans .....</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15,701</td>
</tr>
<tr>
<td><strong>Total of Brahmans</strong></td>
<td><strong>123</strong></td>
<td><strong>1,214</strong></td>
<td><strong>7,029</strong></td>
<td><strong>3,239</strong></td>
<td><strong>208</strong></td>
<td><strong>6,518</strong></td>
<td><strong>15,701</strong></td>
</tr>
<tr>
<td>1st grade Rajputs .....</td>
<td>27</td>
<td>1,092</td>
<td>4,314</td>
<td>3,373</td>
<td>812</td>
<td>4,185</td>
<td>20,039</td>
</tr>
<tr>
<td>2nd grade Rajputs .....</td>
<td>142</td>
<td>3,109</td>
<td>12,043</td>
<td>3,092</td>
<td>10,207</td>
<td>17,315</td>
<td>29,709</td>
</tr>
<tr>
<td><strong>Total of Rajputs</strong></td>
<td><strong>169</strong></td>
<td><strong>4,201</strong></td>
<td><strong>16,087</strong></td>
<td><strong>6,465</strong></td>
<td><strong>20,309</strong></td>
<td><strong>37,124</strong></td>
<td><strong>48,571</strong></td>
</tr>
<tr>
<td>Khatris, Mahajans, Kaiks, Karars, &amp;c.</td>
<td>4</td>
<td>736</td>
<td>910</td>
<td>1,875</td>
<td>917</td>
<td>167</td>
<td>3,690</td>
</tr>
<tr>
<td>1st grade Thäkars .....</td>
<td>3</td>
<td>1,663</td>
<td>7,788</td>
<td>15,808</td>
<td>422</td>
<td>3,313</td>
<td>10,543</td>
</tr>
<tr>
<td>2nd grade Sdüras .....</td>
<td>28</td>
<td>7,719</td>
<td>53,252</td>
<td>38,364</td>
<td>141</td>
<td>42,006</td>
<td>11,388</td>
</tr>
<tr>
<td><strong>Total of Sdüras</strong></td>
<td><strong>31</strong></td>
<td><strong>9,532</strong></td>
<td><strong>53,252</strong></td>
<td><strong>38,364</strong></td>
<td><strong>141</strong></td>
<td><strong>42,006</strong></td>
<td><strong>15,388</strong></td>
</tr>
<tr>
<td>1st grade Gaddis .....</td>
<td>7</td>
<td>1,194</td>
<td>4,012</td>
<td>6,744</td>
<td>7</td>
<td>7,638</td>
<td>10,104</td>
</tr>
<tr>
<td>2nd grade Gaddis .....</td>
<td>6</td>
<td>2,108</td>
<td>781</td>
<td>847</td>
<td></td>
<td>132</td>
<td>854</td>
</tr>
<tr>
<td><strong>Total of Gaddis</strong></td>
<td><strong>13</strong></td>
<td><strong>3,302</strong></td>
<td><strong>4,793</strong></td>
<td><strong>7,591</strong></td>
<td></td>
<td><strong>8,489</strong></td>
<td><strong>19,609</strong></td>
</tr>
<tr>
<td>Muhammadans .....</td>
<td>3</td>
<td>600</td>
<td>1,972</td>
<td>1,500</td>
<td>160</td>
<td>1,660</td>
<td>3,700</td>
</tr>
<tr>
<td>Outcast Hindu tribes .....</td>
<td>16</td>
<td>1,888</td>
<td>3,085</td>
<td>9,502</td>
<td></td>
<td>111</td>
<td>6,088</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>341</strong></td>
<td><strong>17,880</strong></td>
<td><strong>35,832</strong></td>
<td><strong>33,821</strong></td>
<td></td>
<td><strong>26,423</strong></td>
<td><strong>125,548</strong></td>
</tr>
</tbody>
</table>

**Remarks.**

First class Brahmans are numerous in this pargana: about two-thirds of them are Nagarkotias, and the rest are nearly all Batehrs. They abound most in Râgirî, Pâlam, and Rîhu. In the second grade the Bojra clan is the only one at all numerous.

Among first grade Rajputs, the Katoch clan heads the list with 1,144 shareholders; next come the Goleria with 626, and the Pathâna with 265. They mostly live in Râgirî and Pâlam. In the second grade the Habred and Pathâla clans are the most numerous.

There are 726 Mahajans, landholders, almost all in Pâlam.

The first grade Sdüras, Bâthîs and Thäkars, who in other parganas hold between a half and a third of the whole area, here hold less than a sixth; there are 1,111 Kanets in this grade, who nearly all belong to Bangâhal.

In point of numbers the Gîrthas comprise 74 per cent. of the second class Sdüra landholders. They live chiefly in the Kangra Valley, and take there the place which the Bâthîs and Thäkars hold in the rest of the country.

The Gaddis are of course Hindu, though I have had them shown apart from the Jôndre, or cotton-clad Hindu, as they form, as it were, a distinct nationality. The first class Gaddis are divided into Brahmans, Bâts, Rajputs, Khatris, Thäkars, Bâthîs and Takhirâns, and the second class into Sepis, Badis, Halîs, Dhangars and Lohârs. The Dâgis have been entered as second class Gaddis, but they properly belong to a different nationality, and bear the same relation to the Kanets of Bangâhal as the Sepis, Badis and Halîs do to the first class Gaddis. The Bâthîs are the most numerous among the Gaddis; the Brahmans and Khatris come next. These Khatris are not traders or shop-keepers like the men of the same caste name in other countries; they are the best class of Gaddis, and number among them the best shepherds and the richest and most influential men.

In this pargana 2,385 acres of cultivated land, paying Rs. 2,817-13-8, are owned by Europeans, and are not included in this statement.
### DISTRIBUTION OF PROPERTY IN PARGANA NURPUR (REVISED SETTLEMENT, 1867)

#### Name and grade of caste

<table>
<thead>
<tr>
<th></th>
<th>Number of families</th>
<th>Number of holdings</th>
<th>Number of shareholding, with or without the assistance of farm servants,</th>
<th>Khudkošt.</th>
<th>Area, with detail how cultivated,</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st grade Bráhman</td>
<td>30</td>
<td>573</td>
<td>601</td>
<td>2,121</td>
<td>4,938</td>
</tr>
<tr>
<td>2nd grade Bráhman</td>
<td>64</td>
<td>328</td>
<td>806</td>
<td>2,733</td>
<td>5,886</td>
</tr>
<tr>
<td>Total of Bráhman</td>
<td>94</td>
<td>701</td>
<td>1,497</td>
<td>4,854</td>
<td>9,924</td>
</tr>
<tr>
<td>1st grade Rájput</td>
<td>13</td>
<td>196</td>
<td>405</td>
<td>1,133</td>
<td>2,321</td>
</tr>
<tr>
<td>2nd grade Rájput</td>
<td>50</td>
<td>550</td>
<td>1,425</td>
<td>4,576</td>
<td>14,532</td>
</tr>
<tr>
<td>Total of Rájput</td>
<td>63</td>
<td>746</td>
<td>1,890</td>
<td>5,706</td>
<td>16,856</td>
</tr>
<tr>
<td>Khatris, Mahájans, Karárs, &amp;c.</td>
<td>6</td>
<td>85</td>
<td>105</td>
<td>456</td>
<td>687</td>
</tr>
<tr>
<td>1st grade Súdhras, Thákars, and Ráthis, &amp;c.</td>
<td>2 757</td>
<td>3,946</td>
<td>8,091</td>
<td>31</td>
<td>6,553</td>
</tr>
<tr>
<td>2nd grade Súdhras</td>
<td>17</td>
<td>814</td>
<td>1,411</td>
<td>4,737</td>
<td>9,888</td>
</tr>
<tr>
<td>Total of Súdhras</td>
<td>19</td>
<td>3,508</td>
<td>5,337</td>
<td>12,828</td>
<td>53,942</td>
</tr>
<tr>
<td>Muhammadans</td>
<td>15</td>
<td>319</td>
<td>400</td>
<td>1,296</td>
<td>1,902</td>
</tr>
<tr>
<td>Outcast Hindus</td>
<td>8</td>
<td>389</td>
<td>583</td>
<td>1,528</td>
<td>1,018</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grand Total</td>
<td>205</td>
<td>4,820</td>
<td>9,952</td>
<td>26,671</td>
<td>84,329</td>
</tr>
<tr>
<td>Jágir</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,407</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>27,726</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>115,462</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,22,869</td>
</tr>
</tbody>
</table>

#### Remarks

Among the first grade Bráhmanas the Paróhíts are numerous in the Tharra and Kotla taluks; among first class Rájputas the Páthánnas count 592 shareholding, most of whom live in the northern taluks, though there are a good many also in Khairan. The Indauríás take the lead among second grade Rájputas with 977 shareholding, and are followed by the Nangle and Anotar clans, whose head-quarters are in Jowálí. The second class Rájputas and the Thákars and Ráthis, or first grade Súdhras, between them hold two-thirds of the lands of the pargana. Among the second grade Súdhras landholders, the Jásís are the most numerous, counting 1,374 shareholding. They are found chiefly in taluka Tharra, Jatarpaí and Jowálí. The outcast Hindu tribes own only one-hundredth of the land, a smaller proportion than in any other pargana.
### Distribution of Property in Pargana Dehra (Revised Settlement, 1867)

**Social and proprietary importance of the different castes.**

<table>
<thead>
<tr>
<th>Name and grade of caste</th>
<th>Number of dls., kél., or subdivisions of caste</th>
<th>Number of families</th>
<th>Number of holdings</th>
<th>Area, with detail how cultivated.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Khudkāsh.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st grade Brāhmans</td>
<td>7</td>
<td>488</td>
<td>982</td>
<td>2,437</td>
</tr>
<tr>
<td>2nd grade Brāhmans</td>
<td>244</td>
<td>1,056</td>
<td>2,693</td>
<td>6,341</td>
</tr>
<tr>
<td>Total of Brāhmans</td>
<td>251</td>
<td>1,544</td>
<td>3,675</td>
<td>8,778</td>
</tr>
<tr>
<td>1st grade Rājpūts</td>
<td>12</td>
<td>320</td>
<td>657</td>
<td>1,853</td>
</tr>
<tr>
<td>2nd grade Rājpūts</td>
<td>2</td>
<td>16</td>
<td>46</td>
<td>62</td>
</tr>
<tr>
<td>Total of Rājpūts</td>
<td>14</td>
<td>336</td>
<td>735</td>
<td>1,915</td>
</tr>
<tr>
<td>Khatris, Mahājana, Karās, &amp;c.</td>
<td>4</td>
<td>117</td>
<td>210</td>
<td>433</td>
</tr>
<tr>
<td>1st grade Sūdras, Ḍākar, and Rāṭhīs, &amp;c.</td>
<td>2</td>
<td>1,940</td>
<td>4,374</td>
<td>9,790</td>
</tr>
<tr>
<td>2nd grade Sūdras</td>
<td>15</td>
<td>1,839</td>
<td>3,917</td>
<td>8,956</td>
</tr>
<tr>
<td>Total of Sūdras</td>
<td>17</td>
<td>3,779</td>
<td>8,201</td>
<td>18,746</td>
</tr>
<tr>
<td>Muhammadans</td>
<td>3</td>
<td>293</td>
<td>401</td>
<td>775</td>
</tr>
<tr>
<td>Outcast Hindu tribes</td>
<td>6</td>
<td>579</td>
<td>968</td>
<td>2,209</td>
</tr>
<tr>
<td>Grand Total</td>
<td>295</td>
<td>6,648</td>
<td>14,278</td>
<td>32,850</td>
</tr>
</tbody>
</table>

**Remarks.**

Most of the first grade Brāhmans are Nāgarakottas, and live in the Haldūn. In the second grade the Parasār clan is numerous in the villages on the eastern side of the pargana. The Pāthānīs, Gōerīs, Sonkles, and Dāsī are the most numerous Rājpūt clans of the Miśūn class. The only clans in the pargana, which have been classed as second grade Rājpūt, are the Hābro and Gūmchar Rānas' families. The others who call themselves Rājpūt have been put correctly enough among the Ḍākars and Rāṭhīs, who own about half the lands of the pargana.

Two-thirds of the second grade Sūdras are Ghirths, and more than two-thirds of the inferior castes are chāms and medhīs.
KANGRA DISTRICT. Distribution of property. [PART A.]

DISTRIBUTION OF PROPERTY IN PARGANA HAMIRPUR. (REVISED SETTLEMENT, 1867).

<table>
<thead>
<tr>
<th>Name and grade of caste.</th>
<th>Number of sub-divisions of caste.</th>
<th>Number of families.</th>
<th>Number of holdings.</th>
<th>Number of share-holders.</th>
<th>Area, with detail how cultivated,</th>
<th>In</th>
<th>Land revenue in Rupees.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st grade Brahmans</td>
<td>2</td>
<td>132</td>
<td>331</td>
<td>602</td>
<td>936</td>
<td>161</td>
<td>301</td>
</tr>
<tr>
<td>2nd grade Brahmans</td>
<td>81</td>
<td>1,120</td>
<td>5,245</td>
<td>10,633</td>
<td>27,074</td>
<td>318</td>
<td>4,912</td>
</tr>
<tr>
<td>Total of Brahmans</td>
<td>83</td>
<td>1,272</td>
<td>5,576</td>
<td>11,356</td>
<td>28,010</td>
<td>479</td>
<td>5,203</td>
</tr>
<tr>
<td>1st grade Rajputs</td>
<td>16</td>
<td>275</td>
<td>714</td>
<td>2,101</td>
<td>3,222</td>
<td>1,026</td>
<td>1,881</td>
</tr>
<tr>
<td>2nd grade Rajputs</td>
<td>43</td>
<td>784</td>
<td>3,491</td>
<td>9,146</td>
<td>20,415</td>
<td>251</td>
<td>5,122</td>
</tr>
<tr>
<td>Total of Rajputs</td>
<td>59</td>
<td>1,059</td>
<td>4,195</td>
<td>11,241</td>
<td>23,637</td>
<td>1,277</td>
<td>7,006</td>
</tr>
<tr>
<td>Khatrias, Mahajans,</td>
<td>4</td>
<td>115</td>
<td>235</td>
<td>529</td>
<td>600</td>
<td>109</td>
<td>830</td>
</tr>
<tr>
<td>Kateras, Sads, Sadas,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st grade Sudras, Khatris, Kanets.</td>
<td>2</td>
<td>1,380</td>
<td>5,600</td>
<td>13,343</td>
<td>50,110</td>
<td>176</td>
<td>5,011</td>
</tr>
<tr>
<td>2nd grade Sudras</td>
<td>20</td>
<td>854</td>
<td>1,710</td>
<td>4,122</td>
<td>7,404</td>
<td>26</td>
<td>661</td>
</tr>
<tr>
<td>Total of Sudras</td>
<td>58</td>
<td>2,234</td>
<td>7,300</td>
<td>17,165</td>
<td>37,610</td>
<td>202</td>
<td>5,752</td>
</tr>
<tr>
<td>Muhammadans</td>
<td>3</td>
<td>102</td>
<td>155</td>
<td>288</td>
<td>600</td>
<td>...</td>
<td>42</td>
</tr>
<tr>
<td>Outcast Hindu tribes</td>
<td>13</td>
<td>315</td>
<td>638</td>
<td>1,720</td>
<td>1,738</td>
<td>16</td>
<td>201</td>
</tr>
<tr>
<td>Grand Total</td>
<td>184</td>
<td>5,553</td>
<td>18,165</td>
<td>42,314</td>
<td>112,303</td>
<td>2,077</td>
<td>19,043</td>
</tr>
</tbody>
</table>

Remarks.

The Batehr clan, which inhabits the Tira and Mahal Mori talukas, is the most numerous among first grade Brahmans. In the second grade the Kathab clan numbers not less than 3,327 shareholders; its head-quarters are in Nadaunti. The Kharival clan in Rajgiri comes next, and after it the Jarijal, Barahan, Sardih, and Gorai clans. The number of Brahmans are landholders in this pargana is remarkable; they outnumber the Rajputs; many of them are shop-keepers as well as peasant farmers. The Katoh is the most remarkable clan of first grade Rajputs; after it comes the Malebs; these two clans reside chiefly in taluka Rajgiri. The Kotliehra clan numbers 372 share-holders in taluka Kotlehr.

Of second grade Rajputs the most remarkable clans are,—the Dhatwals and Patialis in Nadaunti; the Banials in Nadaunti and Mahal Mori; the Kahis and Rajgiri; the Kanets in Mahal Mori. The first grade Sudras consist of Kathis and Kanets; the former are most numerous in Rajgiri and Mahal Mori; the Kanets are few in number; they are found only on the eastern border of Kangra Proper; in the adjoining countries, on both sides of the Sulej, they form the great bulk of the population.

Of second grade Sudras the Ghirdas are most numerous; they live chiefly in Rajgiri on the north side of the pargana; on the south side in Kotlehr and Nadaunti there are a good many Jats. The Koli clan is pretty numerous in Rajgiri; like the Kanet it belongs to the country to the east of Kangra Proper. I believe this clan is treated as outcast by other Hindis in Rajgiri, though not so in Kahu and other countries to the east; the clan has several times attempted to get the Katoh Raja to remove the ban, but the negotiations have fallen through, because the bribes offered was not sufficient. Among outcaste the chandris are...
The distinguishing feature in the population of the District is the enormous preponderance of the Hindu over the Muhammadan element, the latter being represented only by isolated colonies of immigrants, while the mass of the population has preserved the ancient faith in a manner wholly unknown in the plains. The circumstance lends a peculiar interest to the study of the Hindu tribes of the District, their caste divisions and customs, for which study fortunately there is ample material in the reports of Messrs. Barnes and Lyall. According to a general, though now exploded, impression, the Brahman caste is a homogeneous whole, whose members, knowing no internal distinction amongst themselves, are united in one vast conspiracy against the social and religious liberty of the "inferior castes." As illustrating the real state of the case, Mr. Barnes' account of the ramifications of Brahman caste in this District is a valuable contribution to the existing store of information. The Brahmins of Kangra Proper number nearly one-seventh of the entire population (109,000 in 1901). Almost without exception, they profess themselves to belong to the great Sarasut (Saraswat) family, but recognize an infinite of internal sub-divisions. The first distinction to be drawn is that between Brahmins who follow, and Brahmins who abstain from, agriculture. Those who have never defiled their hands with the plough, but have restricted themselves to the legitimate pursuits of the caste, are held to be pure Brahmins; while those who have once descended to the occupation of husbandry retain indeed the name, but are no longer acknowledged by their brethren, nor held in the same reverence by the people at large. In the days when these hills were the seats of petty independent princes, in every principality the Brahmins were arranged into classes of different degrees of purity. The Raja was always considered the fountain of all honour, and his classification, made probably at the counsel of his religious advisers, was held binding upon the brotherhood. In these graduated lists no account was ever taken of the zamindar, or cultivator Brahmins; these were left to themselves in ignoble obscurity. Thus, in the days of Raja Dharm Chand, the two great tribes of Kangra Brahmins—the Nagarkotias (from Nagarkot, the ancient name of Kangra) and the Blates—were formally sub-divided into clans. Of the Nagarkotias, Dharm Chand established thirteen different families, as follows:

Barnes, § 256.

| Pandit, | Nág, | Díchát, |
| Misr, | Parohit, | Awaští, |
| Rehna or Raina (Kanth), | Bedbirch, | Upáda, |
| Panjkarn, | Sotri, | Aĉári. |
| | Bipp (since extinct), | |

(12) Mr. Barnes' Report (paragraphs 253—294) from which the following paragraphs are quoted almost verbatim, contains a peculiarly valuable summary of information, the accuracy and completeness of which is further vouched for by Mr. Lyall at paragraph 72 of his Report.
(13) These details are given less on account of any intrinsic interest than as a striking instance of endless ramifications.
At the same time the Bhaterús, or the rival tribe, were also definitely disposed of. They were divided into two great classes, Pakka and Kachha; and these again are sub-divided into families:—

**Pakka Bhateru.**

<table>
<thead>
<tr>
<th>Dind,</th>
<th>Polisiv,</th>
<th>Awasti Chitou.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dohru,</td>
<td>Rukhi.</td>
<td>Kharappa Nág,</td>
</tr>
<tr>
<td>Sintu,</td>
<td>Pámbar.</td>
<td>Mísór Kátú.</td>
</tr>
</tbody>
</table>

**Kacha Bhateru.**

<table>
<thead>
<tr>
<th>Tugnet,</th>
<th>Chattwán,</th>
<th>Nág Goslu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gháhru,</td>
<td>Awasti Khar Gajnu,</td>
<td>Majil Mísır,</td>
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<tr>
<td>Súgahc,</td>
<td>Awasti Tharknu,</td>
<td>Achári Pothiái,</td>
</tr>
<tr>
<td>Chapal,</td>
<td>Awasti Uphriál,</td>
<td>Pandit Bárswal,</td>
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</tbody>
</table>

To these may be added the Nág Pandrik. Bráhmans of the Nág gôts worship the snakes after which they are named and avoid injuring them.

Similarly the Samakri Rájpúts, the Bararu Bhts and the Jararu do not cut or injure the trees after which they are named, while the former at least also worship the tree.

The origin of the names of the Pandrik, Kharappa, and Gósílu clans is accounted for by the people as follows:—

In Sammat 1500 of Vi̇karmaditya, a Rája of the Kangra district, Dharm Chand by name, celebrated the jay (feast) ceremony, in order to achieve his desire that Bráhmans should not object to receiving dás from his hands. In this jay the Bráhmans were asked to receive dás. One of them acceded to the request of the Rája and accepted dás from his hands. The Rája being much pleased with the Bráhman proclaimed him a Pandrik by caste. Pandrik is the snake which is regarded as the eldest son of Báshki Nág. Thus the Pandriks became the highest class of the Bráhmans.

Another Bráhman who had refused to receive dás was called Gósílu by caste. Gósílu is a snake of a very low and harmless type. The third Bráhman who opposed the acceptance of dán and was angry on seeing the first Bráhman receiving it was named Kharappa (a hooded serpent) which is an extremely venomous snake.

In Goler and Núrpur, once the inheritance of hill chieftains, similar gradations exist. The Bráhmans there also have assorted themselves into classes, which it is unnecessary to detail, of different degrees of purity, the agricultural Bráhmans being always at the bottom of the scale.

Perhaps in all the hills the Nagarkotías rank the highest. They intermarry usually among themselves, and in no case give their daughters to another tribe. A Bhateru woman is sometimes admitted to the honour of their alliance, but a Bhateru cannot
CHAP. I.C.

Population.

Brâhmanas.

aspire to a Nagarkotia bride. In the same manner the Bhaterus marry among themselves, condescending to take wives from the class next below them, but never reciprocating the favour, and thus the chain is extended until the last link is attained. Taken as a whole, they are all connected; for each class gives brides to the one above and receives from the one immediately below them. Thus, in the last grade, the male members have a limited field whence to select wives, for there are none below them to extend their range; and in the highest grade the difficulty is to obtain an eligible husband, for there are none above them worthy to espouse their daughters. The same cause among the Râjput tribes has been the chief incentive to female infanticide; but, to their honour, be it said, the Nagarkotias were never accused of this crime. On the contrary, they rear their daughters with tender care and on their marriage impovisish themselves to confer a dowry worthy of their name and exalted caste. So far do they carry their scruples to exonerate the bridegroom from all expenses that they refuse to partake of any hospitality at the hands of the son-in-law, and will not even drink water in the village where he resides.\(^{(1)}\)

The puer Brâhmanas, who abstain from agriculture, by no means restrict themselves to sacerdotal duties; they will hold land, though they will not consent to cultivate it; they lend money, engage in service, discharge village offices such as that of lambarilâr or patuwarî, and will enter on almost any secular pursuit which promises a subsistence. The majority of them know no language except the current dialect of the hills. Some are sufficiently acquainted with the Sanskrit character to read the texts appointed for ceremonies; but few indeed are entitled to rank as pâdâts, or persons learned in the Hindu scriptures. The hill Brâhman will not associate with the same caste from the plains. Both profess mutual distrust, and neither will partake of bread cooked by the other. The hill Brâhman eats flesh, which the Brâhman of the plains religiously eschews. He is still regarded with considerable reverence. The usual salutations from all classes, the king or the peasant, are paiâri pawaide (I fall at your feet), or matha tekr (I bow my forehead in submission). In returning these courtesies, the Brâhman says ashir bad to the higher class, such as Râjputs, and charanji kalyân to the other castes who are worthy of any recognition at all. Besides the Brâhmanas already alluded to, many of the Gaddâs, or shepherds of the higher hills (as to whom, see below), are Brâhmanas. These are found associating with Khatriis and men of other castes, all known by the common name of Gaddâs,\(^{(13)}\) and all sharing one common profession, pasturing their flocks among the slopes of the Dhaola Dhâr.

An interesting discussion of the origin of the various Brâhman tribes of India will be found in the late Sir W. W. Hunter's Orissa.\(^{(12)}\)

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\(^{(1)}\) This, however, is by no means peculiar to this or any class of Brâhmanas. The custom is found throughout the Province.

\(^{(13)}\) Gadd, from Gadarîya, a Hindi word for shepherd, Gåddar, an erc.

KANGRA DISTRICT.

Bhojkis.

PART A.

Speaking of the Himalayan Brāhmans, with special reference to this District, he finds traces of three distinct elements, cultivator Brāhmans, and the orthodox Nagarkotias and Bhaterūs. The cultivator Brāhmans he would hold to be either descendants from the ancient Aryan emigrants from the plains, who being the first comers of their race were forced to submit to various degrees of compromise, and to mix with the surrounding population; or remnants of the primitive aristocracy of the high lands whom the new-comers, unable to subdue entirely, were obliged to admit to a nominal equality. He inclines to think that they derive their origin chiefly from the first, but probably from both sources. The Brāhmans again, who are included in the orthodox classifications, are those who, in later days, had flocked to the courts of the petty sovereigns, the successive waves of immigration, which have arrived within historic times, being carefully preserved in the various classes. Another fact to be noted is that, whatever the influence acquired by the Brāhman immigrants, they have never obtained a footing on the hills as popular priests. The public ministration at the temples has always continued in the hands of the original natives of the country, the Bhojkis being, as has been pointed out, a class quite distinct from the Brāhman caste.

The Pujāris of the shrines in the Kangra and Simla hills have grown into a distinct caste, composed originally, it is said, of a mixed collection of Nāis, Brāhmans, Rājpūts, and Jogis, who all intermarried. Those of the great shrines, such as Jawālamukhi and Bhawan, are called Bhojkis. They are all priests of Devi, and their name is said to be a corruption of Pujī. The Bhojkis are said by Mr. Barnes to be “not Brāhmans, though they are the hereditary priests of these celebrated temples. They all wear the sacred thread; they intermarry among themselves alone, eat flesh, drink wine, and are a debauched and profligate set; the men are constantly in the courts involved in litigation, and the women are notorious for their loose morality.” Colonel Jenkins, Deputy Commissioner of Kangra, wrote of them as follows:

“The Bhojkis are a unique feature of this District. They are attached to the great temples at Kangra and Jawālamukhi, and are supported by the income. They claim to be Sarsāt Brāhmans; but, if so, have certainly sunk in the social scale, as no ordinary Brāhmans would eat kachi roti with them. They appear to occupy much the same position as the Gangaputra of Benares, and the probability is that they are mere jogis who have obtained a reflected sanctity from the goddesses whose service they have entered. The word is evidently connected with the Sanskrit root bhoj, to feed, and is taken from the nature of their duties. They intermarry among themselves, and with a class of jogis called Bodha Pandits. They are very quarrelsome, litigious and profligate, and may be well characterized by the famous epithet ὑποθυμοσύνηκεφαλοδοκοτολαπτύωρος which, if I

(17) The Bhojkis also hold the shrines at Chintpurni and at Naina Devi in the Sola Singhi range. The Bhojkis of Bhawan will take wives from, but not give daughters to, the Bhojkis of the other shrines.

Chamarwá Bráhmans are not found in this District. The Masands who are Chamar by caste and are literate people serve as Parohits, and conduct ceremonies on nuptials as well as funeral occasions. None of the Chamár castes however would perform a ceremonial function without consulting a Bráhman.

Rájpúts.

The figures for Rájpúts are perhaps of somewhat doubtful value, as the line of demarcation between Rájpút and Thákár is by no means clearly marked. In the Census of 1901, 154,000 people returned themselves as Rájpúts.

Barnes, § 282. Any member of a royal house, belonging to the Dogra Círcle of principalities across the Rávi, or to the Jullundur Círcle on this side of the river is essentially Rájpút. Those also with whom they condescend to marry are included under this honourable category. The name is assumed by many other races in the hills, but by the general feeling of the country the appellation of Rájpút is the legitimate right of those only to whom it is here restricted. The following is a list of the Dogra and Jullundur Chiefs, with the designations of their clans, derived usually from the names of the countries over which they once exercised dominion:

<table>
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<th>LIST OF ROYAL CLANS.</th>
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<tr>
<td>JULLUNDUR CIRCLE.</td>
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<td>Chamba</td>
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<tr>
<td>Núrpur</td>
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<td>Goler</td>
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<td>Datápur</td>
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<td>Siba</td>
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<td>Jaswán</td>
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<td>Kánta</td>
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<td>Kotlehr</td>
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<td>Mandi</td>
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<td>Kulu</td>
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<td>Chamba</td>
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<td>Kotlehr</td>
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<tr>
<td>Mándí</td>
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<td>Suket</td>
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<tr>
<td>Koll</td>
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<tr>
<td>Bhotia</td>
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<td>Khishawá</td>
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<td>Badrawá</td>
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</table>

It will be observed that the Chamba principalities ranks in both groups, the reason being that the territory is divided by the Rávi. The origin of some of the clan designations is not immediately apparent. For instance, the Núrpur family are called Pathániás,

(10) Cít. Patání or the Patán country the name of a small chák in the Pathániakot Tabal of Gardásipur. Mr. E. C. Bayley, however, thus explains the origin of the name Pathániás—

"They claim descent from the Tunvárs of Delhi, and are said to have got their present appellation, because three of their kings in succession were employed by the Moghul Emperors in subduing the Patháns. The death of one of them is said to have given rise to the name of the " Hindu Kush." He was ordered to march in winter by a dangerous pass in the range to surprise an enemy on the other side. On entering the pass with his army (of his own Rájpút clans) he was told that there was such danger of avalanches that it was absolutely necessary to enjoin a strict silence throughout his ranks. He is said to have replied that he was a Rájpút, and himself a deota and would show fear of neither man nor spirit; and he directed that they should march with every trumpet sounding and every drum beating. They proceeded accordingly..."
Datárpur race Dadwáls, and so on. The Dadwáls are called from Dáda, a fort on the Beás, now belonging to Síba, whence they seceded. Katóch, the clan appellation of the Kangra house, is taken from the ancient name of the principality. The Bilauriás deduce their name from Biláwar, a term promiscuously used with Bisauli to represent their country.

The descendants of all these noble houses are distinguished by the honourable title of Mián. When accosted by their inferiors, they receive the peculiar salutation of jai dia, offered to no other caste. Among themselves the same salutation is interchanged. The inferior, for there are endless gradations even among the Miás, first offers the salutation, and the courtesy is usually returned. In former days great importance was attached to this salutation; unauthorized assumption of the privilege was punished as a misdeemour by heavy fine and imprisonment. The Rája, however, could extend the honour to high-born Rájpúts not strictly belonging to a royal clan, such, for instance, as the Sóukles or the Manhás. Any deviation from the austere rules of the caste was sufficient to deprive the offender of the salutation, and the loss was tantamount to excommunication. The Rájpúts delight to recount stories illustrating the value of this honour and the vicissitudes endured to prevent its abuse. The Rája Dhián Singh, the Sikh Minister, himself a Jamuvál Mián, desired to extort the jai dia from Rája Bhir Singh, the fallen chief of Nárpur. He held in his possession the grant of a jághir valued at Rs. 25,000, duly signed and sealed by Ranjit Singh, and delayed presenting the deed until the Nárpur chief should hail him with this coveted salutation. But Bhir Singh was a Rája by a long line of ancestors, and Dhián Singh was a Rája only by favour of Ranjit Singh. The hereditary chief refused to compromise his honour, and preferred beggary to affluence rather than accord the jai dia to one who, by the rules of the brotherhood, was his inferior. The derivation of the phrase is said to be from the words jai (victory) and dev (king), the expression being equivalent to vive le roi, or hail the king.

A Mián, to preserve his name and honour unsullied, must scrupulously observe four fundamental maxims:—He must never drive the plough; he must never give his daughter in marriage to an inferior, nor marry himself much below his rank; he must never accept money in exchange for the betrothal of his daughter; and his female household must observe strict seclusion. The prejudice against the plough is perhaps the most inveterate of all; that step can never be recalled. The offender at once loses the privileged salutation; he is reduced to the second grade of Rájpúts; no Mián will marry his daughter, and he must go a step lower in the social

and as the sun rose the avalanches descended and overwhelmed the Rája and 5,000 of his devoted host.” (Proceedings of the A. S. Bengal, 1853, page 205). The word Patánkot is doubtless derived from the Pathání Rájpúts whose rāj formerly extended as far west as the Rávi.
scale to get a wife for himself. In every occupation of life he is made to feel his degraded position. In meetings of the tribe and at marriages Rájpúts undefiled by the plough will refuse to sit at meals with the hal-báh or plough-driver, as he is contemptuously styled; and many, to avoid the indignity of exclusion, never appear at public assemblies. This prejudice against agriculture is as old as the Hindu religion. Some say it is sacrilegious to lacerate the bosom of mother earth with an iron ploughshare; others declare that the offence consists in subjecting sacred oxen to labour. The probable reason is that the legitimate weapon of the military class is the sword; the plough is the badge of a lower walk in life; and the exchange of a noble for a ruder profession is tantamount to a renunciation of the privileges of caste, but the prejudice is getting less daily.

Barnes, § 266. The gift of a daughter to one of an inferior caste is scarcely a more pardonable offence than agriculture. Even Ranjit Singh in the height of his prosperity and power felt the force of this prejudice. The Rája of Kángra deserted his hereditary kingdom rather than ally his sisters to Dhán Singh, himself a Mián of the Jamnu stock, but not the equal of the Katoch prince. The Rájpúts of Kathgarh near Núrpur voluntarily set fire to their houses and immolated their female relatives to avoid the disgrace of Ranjit Singh's alliance; and when Mián Padma, a Patháñia, married his daughter to the Sikh monarch, his brethren, undeterred by the menaces of Ranjit Singh, deprived him and his immediate connexions of the jai dia, and to this day refuse to associate with his descendants. The seclusion of their women is also maintained with severe strictness. The dwellings of Rájpúts can always be recognised by one familiar with the country. The houses are placed in isolated positions, either on the crest of a hill which commands approaches on all sides, or on the verge of a forest sedulously preserved to form an impenetrable screen. Where natural defences do not exist, an artificial growth is promoted to afford the necessary privacy. In front of their dwellings, removed about fifty paces from the house, stands the mandi or vestibule, beyond whose precincts no one unconnected with the household can venture to intrude. A privileged stranger who has business with the master of the house may by favour occupy the vestibule, but even this concession is jealously guarded, and only those of decent caste and respectable character are allowed to come even thus far. A remarkable instance of the extremes to which this seclusion is carried is recorded by Mr. Barnes as having occurred within his experience. A Katoch's house in the Mandi territory accidentally caught fire in broad day. There was no friendly wood to favour the escape of the women, and rather than brave the public gaze they kept their apartments and were

(10) The objection is to the plough. A spade or other implement is not under a similar ban. Numbers of Rájpúts have taken to work in the tea plantations where the plough is not used and many are now taking even to the plough, driven by necessity.
sacrificed to a horrible death. Those who wish to visit their parents must travel in covered palanquins and those too poor to afford a conveyance travel by night, taking unfrequented roads through thickets and ravines.

Fifty years ago Mr. Barnes wrote:—

"It is melancholy to see with what devoted tenacity the Rajpúts cling to these deep-rooted prejudices. Their emaciated looks and coarse clothes attest the vicissitudes they have undergone to maintain their fancied purity. In the waste land which abounds in the hills a livelihood is offered to those who will cultivate the soil for their daily bread; but this alternative involves a forfeiture of their dearest rights, and they would rather follow any precarious pursuit than submit to the disgrace. Some lounge away their time on the tops of the mountains, spreading nets for the capture of hawks; many a day they watch in vain, subsisting on berries and on game accidentally entangled in their nets; at last when fortune grants them success they despatch the prize to their friends below, who tame and instruct the bird for the purpose of sale. Others will stay at home and pass their time in sporting either with a hawk, or, if they can afford it, with a gun; one Rajput beats the bushes, and the other carries the hawk ready to be sprung after any quarry that rises to the view. At the close of the day, if they have been successful they exchange the game for a little meal, and thus prolong existence over another span. The marksman armed with a gun will sit up for wild pigs returning from the fields, and in the same manner barter flesh for the necessaries of life. However, the prospect of starvation has already driven many to take to the plough, and the number of seceders daily increases. Our administration, though just and liberal, has a levelling tendency; service is no longer to be procured; and to many the stern alternative has arrived of taking to agriculture and securing comparative comfort, or enduring the pangs of hunger, and death. So long as any resource remains the fatal step will be postponed, but it is easy to foresee that the struggle cannot be long protected; necessity is a hard task master, and sooner or later the pressure of want will eventually overcome the scruples of the most bigoted."\(^{(20)}\)

This picture is hardly true to life at the present day. For one thing the profits derivable from land are much greater than they were 50 years ago. In the next place the field of employment for those who do not use the plough has increased enormously. Many take service in the army and in the civil employ of Government and are able to make considerable remittances to their families at home.

Each clan comprises numerous sub-divisions. As the family increased, individuals left the court to settle on some estate in the country, and their descendants, though still retaining the generic appellation of the race, are farther distinguished by the name of the estate with which they are more immediately identified. Sometimes,

\(^{(20)}\) Mr. Barnes' words are here quoted as they stand; but it must be remembered they were written 50 years ago; and 50 years have worked a great change. The following is from Mr. Lyall's Report, Para. 66: "In Mr Barnes' account of the population he makes refraining from agriculture the line of distinction between the first and second class of Brahman. I think it would be more accurate to put it at refraining from ploughing. There are many Brahman families who are too proud to plough, but very few who do not do any other kind of field work themselves. Now-a-days the same may be said, with nearly equal truth, of the better Rajput families."
though not so frequently, the designation of the ancestor furnishes a surname for his posterity. Thus among the Pathánias or Núrpur Miáns, there are twenty-two recognized sub-divisions; the Golerias are distributed into thirteen distinct tribes; the Katoch clan has four grand divisions, each of which includes other subordinate denominations. A Rájpút interrogated by one who he thinks will understand these refined distinctions will give the name, not of his clan but of his patronymic. To a stranger he gives no detail, but ranges himself under the general appellation of Kshatriya or Rájpút.

Next to the royal clans in social importance are those races with whom they are connected by marriage. The honour of the alliance draws them also within the exclusive circle. It is not easy to indicate the line which separates the Rájpút from the clans immediately below him, known in the hills by the appellation of Thákára and Ráthi. The Mián would restrict the term Rájpút to those of royal descent; while the Ráthi naturally seeks a broader definition, so as to include his own pretensions. The limit here given on the authority of Mr. Barnes is probably just; and those only are legitimately entitled to rank as Rájpús who are themselves the members of a royal clan, or are connected in marriage with them. Among these tribes the most eminent are the Manhás, Jariál and Sonkla Rájpús. The two former are indeed branches of the Jamuwall clan, to which they are considered but little inferior. They occasionally receive the salutation of jút dín and very few of them engage in agriculture. Another class of Rájpús who enjoy great distinction in the hills are the descendants of ancient petty chiefs or Ráns, whose title and tenure is said to have preceded that of the Rájás themselves. These petty chiefs have long since been dispossessed, and their holdings absorbed in the larger principalities. Still the name of Ráns is retained, and their alliance is eagerly desired by the Miáns. The principal families are those of Chari, Giro, Kanhúr, Pathiár, Haborl, Sumbar, Dadwál, and other localities. Besides these, the following races occupy a high rank—The Indauria, Malhotar, Salária, Harchandar, Ladhiarách, Patiál, Chib, Járál, Bhugália and others which it would be tedious to record. All these tribes affect most of the customs of Rájpús. They select secluded spots for their dwellings, immure their women, are very particular with whom they marry or betroth in marriage, but have generally taken to agriculture. In this particular consists their chief distinction from the Miáns.

In 1876-7 Col. Gordon Young, Deputy Commissioner, attested the following classification of the Rájpút septs in this District:

1st Class.—Katoch, Guleria, etc. (Vide list in Hoshiárpur Gazetteer).

(1) The Thákars constitute the higher grades of the Ráthi group. See note following.

(2) The sliding scale established by this distinction is well illustrated by the passage extracted from Mr. Lyall's Report and already quoted in the discussion of his classified figures for castes (page 61).
KANGRA DISTRICT.  

Ráthís.  

[PART A.]

2nd Class.—Jariá, Manhas, Saunkla, Laddu, Dod, Ghorewáh, Pathinárch, and Harbrol.

3rd Class.—Patiá, Knáthwál, Changra, Gubhainá, Bhabauria, Malohter, Bhandári, Jaggi, Kharwál, Gárl, Sangotra, Bagsoitra, and Gomra.

4th Class (Ráthi but superior).—Nanwárak, Múngla, Dagehia, Mehta, Chárina, Nariáil, Dhuriáil, Ghuniáil, Bhateria, Kaledia and Takol.

5th Class (Ráthi but inferior).—Khánumauria, Sandínia, Lasáí, Barwál, Alerhia, Sakhlahia, Bharain, Samánia, Bhanwál, Thandolé, Darbiáil, Bhalánia, Bhotía, Sanárch, Ghutái, Dhattu, Dhanu, Magánwál, Dabtián, Nárü, Mangleru, Kátábíhia, Bhakharía, Kharváre, Ghalyál, Súdár, Riyál, Raigrá, Siohia, Thalwál, Díaúr, Satotia, Saprhía, Dolak, Káremu, Sahótra, Cháhotra, Gárr, Baréha, Gorria, Ghonaliá, Botí, Dánjla, Anredínia, Dhatyál, Kharyál, Badhunánya, Daróga, Salohár, Katwal, Taparyál, Kale, Dharwál, Sodíáil, Jámila, Bandharwál, Káthánia, Bang, Kanaíth, Bhárehía, Gadhwál, Dádwál, Guðahria, Phálwaria, Nanohlia, Bhagwáhía, Gántóra, Dhúñia, Dógru, Bányul, Bándle, and Dhatyálía.

The Ráthís muster a large number (51,000, in 1901). They are essentially an agricultural class, and prevail throughout the Nárpur and Hamírpur Tahsils. The Ráthís and the Ghírths constitute the two great cultivating tribes in Kángra Proper and the hills below it, where they fill much the same position as do the Kanets (compare Volume II) in the parts to the east. In all level and irrigated tracts, wherever the soil is fertile and produce exuberant, the Ghírths abound; while in the poorer uplands, where the crops are scanty and the soil demands severe labour to compensate the husbandman, the Ráthís predominate. It is as rare to find a Ráthi in the valleys as to meet a Ghírth in the more secluded hills. Each class holds possession of its peculiar domain, and the different habits and associations created by the different localities have impressed upon each caste a peculiar physiognomy and character. The Ráthís generally are a robust and handsome race; their features are regular and well defined; their colour usually fair; and their limbs athletic as if exercised and invigorated by the stubborn soil upon which their lot is thrown. On the other hand, the Ghírth is dark and coarse-featured; his body is stunted and sickly; goitre is fearfully prevalent among his race; and the reflection occurs to the mind that, however teeming and prolific the soil, however favourable to vegetable life, the air and climate are not equally adapted to the development of the human frame. The Ráthís are attentive and careful agriculturists. Their women take little or no part in the labours of the field. In origin they belong neither to the Rájíput nor to the Súdra class, but are apparently an amalgamation of both. Some Ráthís wear the janáv (see note to p. 81). Though they appear to be degenerate Rájíputs yet as they approximate more to the Ghírths than to the Rájíputs proper, they should, if they are to be definitely classified, be classed as Súdras. Their ranks are being constantly increased by defections from the Rájíputs, and by illegitimate connections. The offspring of a Rájíput father by a Súdra mother would be styled a Ráthi, and accepted as
such by the brotherhood. The septs of the Ráthís are innumerable; no one could render a true and faithful catalogue of them. They are as numerous as the villages they inhabit, from which indeed their distinguishing names are generally derived. A Ráthi is cognisant only of the sects which immediately surround him. They form a society quite sufficient for his few wants, and he has little idea of the extent and ramifications of his tribe. The higher septs only are generally styled Thákars. These are affronted at being called Ráthís, although they do not affect to be pure Rájputs. The Ráthís generally assume the thread of caste. They avoid wine, and are extremely temperate and frugal in their habits. They take money for their daughters, or exchange them; a practice reprobated by the shastrás and not countenanced by the highest caste. On the death of an elder brother, the widow lives with the next brother, or, if she leaves his household, he is entitled to recover her value from the husband she selects. Altogether, the Ráthís are the best hill subjects of the Government; their manners are simple, quiet and unaffected; they are devoted to agriculture, not unacquainted with the use of arms, honest, manly, industrious and loyal.

The Ghirths or Chángs (the latter designation being morally another name for Ghirths prevalent in the neighbourhood of Núrpur and Harípur, as Báhti is prevalent for the same people in the lower hills to the east) are sub-divided into numerous septs. The total number of Ghirths in the District in 1901 was 120,000. There is a common saying that there are 360 varieties of race, and that the sub-divisions of the Ghirths are equally extensive. The Ghirths predominate in the valleys of Pálam, Kángra, and Ríhu. They are found again in the Hal Dún or Harípur Valley and are scattered elsewhere in every portion of the District, generally possessing the richest lands and the most open spots in the hills. The Ghirths rank as Súdras, and this fact apparently accounts for the localities wherein they are found. The open valleys, although containing the finest lands, are also the only accessible portions of the hills. The more refined castes preferred the advantages of privacy and seclusion, though accompanied by a sterner soil and diminished returns. They abandoned the fertile valleys to less fastidious classes, whose women were not ashamed to be seen nor to work in the fields, and the men were not degraded by being pressed as porters. The Ghirths are a most indefatigable and hard-working race. Their fertile lands yield double crops, and they are incessantly employed during the whole year in the various processes of agriculture. As the rains set in they are engaged in planting out the young rice, the staple commodity of the valleys. For this purpose the fields are worked into mud, nearly two feet deep—an operation in which the women take a prominent

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(23) A local proverb gives a less favourable version of the Ráthi's character: 'Kála Kharappás—dungi choi—Ráthi mitar na karige koi.' 'The Ráthi is like a cobra erect, or a deep stream. Let no one make a friend of him.'
part, standing all day in the field up to their knees in mire, with their petticoats looped to their waists. The rice is subjected to several weeding, and when ready for the sickle, the women help to reap, stock and winnow the grain. These labours are not concluded before the time for winter sowings, when a similar though perhaps lighter round of toil commences for another crop. In addition to the cultivation of their fields, the Ghirth women carry wood, vegetables, mangoes, milk and other products to the markets for sale. From these details it will be perceived that the Ghirths have no easy time of it, and their energies and powers of endurance must be most elastic to bear up against this incessant toil. To look at their frames, they appear incapable of sustaining such fatigue. The men are short in stature, frequently disfigured by goitre (which equally affects both sexes), dark and sickly in complexion, with little or no hair on their faces. Both men and women have coarse features, more resembling the Tartar physiognomy than any other type, and it is rare to see a handsome face, though sometimes the younger women may be called pretty. Both sexes are extremely addicted to spirituous drinks. Although industrious cultivators, they are very litigious and quarrelsome; but their disputes seldom lead to blows; and though intemperate, they are still thrifty. A Ghirth seldom wastes his substance in drink. In their dealings with one another they are honest and truthful; and altogether their character, though less peaceable and manly than that of the Ráthi, has many valuable traits. The Ghirths being Sudras, do not wear the janeo, or thread of caste. They take money for their daughters, but seldom exchange them. A widow is expected to marry her husband’s brother, who, if she left his protection, was entitled by the law of the country to her restitution.

The Gosains used to be the wealthiest capitalists of the District. The Mahájans and Súds have now outstripped them. Numerically, the most important of the commercial tribes is that of the Khatri (7,000), to whose hands the petty trade of the District is mostly confined. After them rank Kai’s, Karárs, and Súds. The Kait of the hills is not identical with the Káyth of the plains. He belongs to the Vaisya, or commercial class, and ranks with Mahájans, wearing the janeo, or sacred thread. The Káyth of the plains is a Súdra, and is not entitled to assume the janeo. All these classes give large sums for brides, and their matrimonial arrangements are the most complicated and difficult of all the systems in vogue in the hills. It is not usual for five or six families to enter into a species of confederacy, by which each party is bound to give a bride and to receive one in exchange; the intricacies are most puzzling; and when disputes arise it is almost impossible to unravel the tangled skein. Rs. 800 is not an extraordinary price to pay for a wife, while

(24) For some notes of interest on the Ghirth Customs, their Proverbs and the Ráthi see the Monograph on the Ghirths (No. III. of the Punjab Ethnography).

The Rihára sept is supposed to have the power of injuring children by sorcery. The men are employed as navvies, and are not numerous.
Khatris will pay Rs. 2,000. The term Karar is used contemptuously, by Rájpúts to stigmatize any one of their race who shows effeminacy or want of courage. (25)

Among the religious orders in the hills, the most remarkable are the Gosáins, who are found principally in the neighbourhood of Nádaun and Jawálamukhi, but are also scattered in small numbers throughout the District. They are an enterprising and sagacious tribe. By the rules of their caste retail negociations are interdicted, and their dealings are exclusively wholesale. Thus they possess almost a monopoly of the trade in opium, which they buy up in Kulu and carry down to the plains of the Punjab. They speculate also in charas, shawl-wool, and cloth. Their transactions extend as far as Haidarabad in the Dakhan, and, indeed, over the whole continent of India. The Gosáins are distinguished by the general name of Dasuámi or Saniási, and are divided, as the former name implies, into ten tribes. The prevalent tribe in these hills is Gíri, the name of the sect being adopted as a patronymic by all the members, as, for instance, Fateh Gír, Bahádáar Gír, Maní Gír, &c. The founder of this caste was one Shankar Acharáj, whose ten pupils are the patriarchs of the ten sects into which the brotherhood is distributed. By strict rules, they should live a life of celibacy, recruiting their ranks by adopting discíples (chelás) from pure tribes, who may be willing to devote their offspring to become Gosáins. But in these hills this prohibition is seldom observed, and most of the Gosáins yield to the temptations of marriage. Sons, however, are not eligible to succeed to the inheritance of the father, whose heirs are his adopted discíples. Those who marry are styled gharbári and live by agriculture. Mattdári Gosáins remain in religious communities, and, though they do not marry, they keep women.

The Gosáins are sub-divided among themselves into small colleges (akhára), each with a recognised head or mahant, who has the supreme control over all the property, personal and real, belonging to the community, the other members of the fraternity being dependent upon his bounty for the share they may receive of the common wealth. When a mahant feels that his end is near, he elects one of his discíples, by word of mouth, to succeed him. His election is seldom disputed. Should the mahant die suddenly without having nominated a successor, the fraternity meet together, and with the aid of other Gosáins proceed to elect one of their number to the vacant office. After installation the new mahant proceeds to a second ceremony of even greater interest, the distribution of the deceased mahant’s effects, in which he is guided by no rule, but simply by his estimate of the relative worth and capacity of each of

(25) A local proverb runs “Koán, Karárán, kutián, básáh na karna suteán.” ‘Do not trust a crow, a Karár or a dog, even asleep.’ Another says: “Dám Karárán bás peá, tás budhi ao jao.” When the Karár holds the purse-strings, the old woman has to make many visits—i.e., before she gets reasonable terms.”
his disciples. This distribution (called bhandāra), strange as it may appear, is seldom contested or impugned. A Gosain’s body is not burned but buried, and over his remains a shrine is raised, dedicated to Mahadeo, and called a Sannadī. Every Gosain, at decease, is supposed to be incorporated with the divinity of Mahadeo. The ceremony of admitting a chela or disciple is very simple. His choti, the tuft which every Hindu cherishes on the crown of his head, is first severed by the Guru, or master. The hair is then closely shaved, and the Guru-mantan, or incantation, being read, the chela is duly initiated. This is the account given of the Gosains by Mr. Barnes, but now they are not the great capitalists that they were, though they still hold almost a monopoly of the Kulu opium trade, and the great pakka residences and warehouses erected in former years at Jawalamukhi are mostly empty, if not in ruins.

The Jogis of the hills are jogis only in name. They live by begging and also engage in agriculture. They observe no tenets to distinguish them from ordinary Hindus. They are a separate race, marrying among themselves alone, but following no peculiar professions.

The Gaddis (9,000) are the most remarkable race in the hills. In features, manners, dress, and dialect they differ fundamentally from all the rest of the population. They reside exclusively upon the snowy range which divides Chamba from Kangra. A few have wandered down into the valleys which skirt the base of the chain, but the great majority live on the heights above. They are found from an elevation of 3,500 or 4,000 feet, up to 7,000 feet, above which altitude there is little or no cultivation. They preserve a tradition of descent from refugees from the Punjab plains, stating that their ancestors fled from the open country to escape the horrors of the Musalmān invasions, and took refuge in these ranges, which were at that period almost uninhabited. The term Gaddi is a generic name under which are included Brāhmans, Khatris, a few Rajpūts, Rāthīs and Thākurs. The majority, however, are Khatris, and the subdivisions of the caste correspond with those of the Khatris of the plains.\(^{(27)}\) Impure castes such as Badis, Sipis, Halis, &c., are also

\(^{(26)}\) For many interesting notes on the Gaddis see the Monograph (No. II) of the Punjab Ethnography by the late Mr. E. O’Brien, C. S.

\(^{(27)}\) This is not apparently borne out by the list of Khatris’ gōts given in the Monograph. The following are the gōts of the Khatri Gaddis, as supplied by Bakhird, Gaddi, and is given for what it is worth:

<table>
<thead>
<tr>
<th>Gaddi</th>
<th>Thakkar</th>
<th>Chela</th>
<th>Badan</th>
<th>Chalī</th>
<th>Bakhre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barsain</td>
<td>(Siri) Thakkar</td>
<td>Targain</td>
<td>Gathī</td>
<td>Chalī</td>
<td>Bakhre</td>
</tr>
<tr>
<td>Phātū</td>
<td>(Lalhāl) Rajput</td>
<td>Chapetō</td>
<td>Galotī</td>
<td>Chalī</td>
<td>Bakhre</td>
</tr>
<tr>
<td>Korār</td>
<td>Targain</td>
<td>Jhūrīn</td>
<td>Bakhre</td>
<td>Dargān</td>
<td>Chalī</td>
</tr>
<tr>
<td>Mogū</td>
<td>Chapetō</td>
<td>Bihānt</td>
<td>Dargān</td>
<td>Chalī</td>
<td>Bakhre</td>
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<tr>
<td>Sundhā</td>
<td>Jhūrīn</td>
<td>Bihānt</td>
<td>Dargān</td>
<td>Chalī</td>
<td>Bakhre</td>
</tr>
<tr>
<td>Rahū</td>
<td>Bihānt</td>
<td>Chibhī</td>
<td>Dargān</td>
<td>Chalī</td>
<td>Bakhre</td>
</tr>
<tr>
<td>Thakleg</td>
<td>(Marthān) Thakkar</td>
<td>Chugānu</td>
<td>Bhatīs</td>
<td>Chalī</td>
<td>Bakhre</td>
</tr>
<tr>
<td>Sahū</td>
<td>Chugānu</td>
<td>Bhatīs</td>
<td>Chalī</td>
<td>Bakhre</td>
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<tr>
<td>Bhundā</td>
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The sheep are worshipped at the full moon in Asārḥ—an instance of that worship of the means of livelihood which is prevalent in the whole of India.
styled Gaddis. The Gaddis are a semi-pastoral, semi-agricultural race. The greater portion of their wealth consists of flocks of sheep and goats, which they feed half the year (the winter months) in the valley of Kangra, and in Suket and Mandi, and for the other half drive across the range into Chamba and Lahaul. They hold lands on this side and also in Chamba, and in former days were considered subject to both States. At the present day the hold of the Chamba chief over them has materially relaxed, and many continue all the year round on this side of the range, acknowledging no allegiance whatever to Chamba. It was a rule with these simple people, whenever fined by the Kangra authorities, to pay a similar penalty into the Chamba treasury. But British institutions have taught them greater independence, and the infraction of this custom is now more frequent than the observance. Two rupees for every hundred head of sheep or goats are paid to the Government as pastureage tolls. Many Gaddis cultivate a winter crop of wheat in Kangra, and, returning with their flocks, grow summer or rain crop at Barmaur on the other side of the snow. They wear clothes of homespun cloth, the produce of their own flocks. The head-dress of the men is a remarkable high-peaked cap, with flaps to pull down over the ears, in cases of severe weather. The front is usually adorned with a garland of dried flowers, a tuft of feathers or a string of red beads, the seeds of parasitical plants growing in the forest. The rest of their dress is a frock made very capacious and loose, secured round the waist with a black woollen cord. In the body of this frock, the Gaddi stores the most miscellaneous articles. His own meal tied up in an untanned leather pouch, with two or three young lambs just born and perhaps a present of walnuts or potatoes for his master, are the usual contents. His legs are generally bare: but occasionally he wears woollen trousers very loose at the knee to allow free motion in walking, and fitting tight at the ankle, over which it lies in folds, so as not to restrict the action of the limbs. The women wear a similar frock, secured with the same woollen cord. Their garment, however, fits rather tighter about the body, and reaching to the ankle is both modest and becoming. The head-dress is a chadar, or sheet, thrown loosely over the upper portion of the body, and sometimes fastened in the shape of a turban, with a loose streamer behind by way of ornament. The Gaddis are a very simple and virtuous race, remarkable, even among the hill population, for their eminent regard for truth. Crime is almost unknown among them, and their women are chaste and modest. They are frank and merry in their manners, and constantly meet together; singing and dancing in a style peculiar to themselves. They are great tipplers, and at these festive meetings the natural hilarity is considerably enhanced by deep potations. In person they are a comely race. The women frequently are very beautiful, their features regular.

(22) The women also practise tattooing, chiefly in the face and apparently for ornament.
Gaddis.

[PART A.


and the expression almost always mild and engaging. The Gaddis
with some exceptions wear the thread of caste, (239) and are much
stricter in Hindu customs and observances than most of the inhabi-
tants of the higher ranges of the Himalaya. They are not a very
widely diffused race. They extend over the greater part of Chamba,
inhabit the skirts of the Kangra snowy range, and are found also on
the southern face of the Badrawâr hills across the Râvi. Their
peculiar caste, Khatri, and their position in the ranges immediately
above Lahore, favour the tradition that originally they were
fugitives from the cities of the plains before the Muhammadan
inroads.

The Gaddis of one caste will not give their daughters in mar-
riage to or receive a girl in marriage from their own caste, e.g., a
Barsain will not marry a Barsain girl or give his daughter to a Barsain,
but he will marry a girl of any other caste or give his daughter in
marriage to any other caste but his own. A girl on marriage leaves
her own caste and becomes of the same caste as her husband.

A Gaddi who wears the jāneo will marry a girl from a caste
which does not wear the jāneo or give to such a caste. A Gaddi will
not marry with the menial castes, Hali, Sipi, Badi, &c. The Gaddis
(except menials) who do not wear the jāneo call themselves Thakkars.

The rights of the Gaddi shepherds, in their pasture grounds,
are fully described in Chapter II. They are possessed of rights,
both in the low hills and in the higher ranges, over all, or almost all,
the pasturable land in the District, their 'runs' being styled in the
hills ban, in the snowy range dláir. In the pasturage of these runs
a special right of property (called wârisi) is recognised, as distinct
from the property in the soil, which belongs to the ordinary village
communities. So clearly defined is this right of property, that the
Gaddi wâris often exacts a fee from the other shepherds who graze
with him. Sir J. B. Lyall's account, of which the above is the briefest
possible summary, is too full for extraction. The following, how-
ever, may be quoted from section 40 of his Settlement Report:

"At the end of November, or early in December, they (the Gaddis)
arrive in their winter quarters in the low hills where they remain some-
thing less than four months. By the 1st of April they have moved up into
the villages on the southern slopes of the snowy range or outer Himalaya,
and here they stay two months or more, gradually moving higher and
higher, till about the 1st June or a little later, when they cross the range
and make for their summer or rainy season grounds in Chamba, Bara
Bangâhal or Lâhul. After a stay there of three or three-and-a-half months
they recross the outer Himalaya about the 15th September, and again stay
on its southern slope from two and a half to three months, working
gradually down till about the 1st December, when they are ready to move
off again to the low hills. The original home of the Gaddi race was on the

(239) Some only of the Thakkar and Ráthi wear the jâneo. The Rájas used to confer
it on the latter for services rendered. The menial Badis, Sipis and Hâlis do not
of course wear it, nor, according to Bakhrid, Gaddi, the Tattri, Ugharota, Baglertu,
Ghâri and Leori gât.
head waters of the Rávi river in Chamba territory, to the north of the
Dhaola Dhar, or outer Himalaya. The country behind that great range
commonly goes by the general name of Gadderan or Gaddi land; but for
a long time past great numbers of Gaddis have resided for a part of the
year, or for the whole, and held land, in that part of Kángra which extends
along the southern slopes of the Dhaola Dhar from Bob, in taluca Rihlu,
to Bhir in taluca Bangáhal. At least three-fourths of those who live in
Kángra have also shares in lands and houses in Chamba territory. Most
of the shepherds to be found in Kángra are of those families which own
land in both territories, but some, notably in Núrpur, are subjects of the
Chamba State only. All the well-to-do Gaddis in our territory own sheep
and goats, some few families as many as a thousand head, many from three
to four hundred. They talk of them as their dhan, a use of the word
which expresses the fact that the flock is the main source of their wealth.
From about 800 to 1,200 sheep form a flock or handáh: three or four men
and several dogs accompany the flock, which camps out night and day all
the year round. If a man owns many head, he takes with him one or
more bowal, or hired shepherds, but commonly the men with a flock are
all of them part proprietors, and if a man has very few head, he will not
go himself, but get a friend or kinsman who is going to take them with
his own.”

The Kashmíris reside almost exclusively in Núrpur and Tiloknáth.
There are a few scattered families in other parts of the District,
but not exceeding a hundred together. They are divided among
themselves into several gradations, but no restrictions on marriage
are recognised except among immediate relations. (30) They were for-
merly almost exclusively employed in the shawl trade, but that trade
never recovered the blow dealt to it by the Franco-German war,
and has now ceased to exist. The great majority of the shawl
weavers have left the town, and little remains but ruined houses and
roofless walls, to evidence the position which Núrpur once held.
The Kashmíris are a discontented and quarrelsome race, very de-
cient in personal courage, and so litigious that their disposition for
law has become a proverb. Two women will wrangle all day till
night sets in; they will then call a truce, and put down a stone in
token of the armistice. Next morning the stone is removed, and
the dispute is renewed with double acrimony. The men fight with
each other, and it is not uncommon for one to bite off the ear or
nose of his antagonist. The apprentices will often receive advances
and abscond, while the master workman cheats his labourers by
withholding their just dues. They are remarkable for their dity
and immodest habits. The women wear a wadded red cap, and a
loose lined frock quite open to the wind, filthy and unbecoming.
The men wear better clothes, and are remarkable for high foreheads
and Jewish features. They speak a dialect intelligible only to them-
players, though they are also conversant with the ordinary vernacular.
The shawls of Núrpur and Tiloknáth were not much prized. The
work was inferior—a result which the Kashmíris attribute to the
hardness of the water, communicating a roughness to the shawls, and
thereby greatly detracting from their marketable value.

(30) Marriages with first cousins are not only allowable but frequently occur.
the hill Gujars are exclusively a pastoral tribe. Their wealth consists of buffaloes, as that of the Gaddis consists chiefly of sheep and goats. They live in the skirts of the forests, and maintain their existence exclusively by the sale of the milk, ghi and other produce of their herds. While the men graze the cattle, and frequently lie out tending them in the woods for weeks together, the women repair to the markets every morning with baskets on their heads carrying little earthen pots filled with milk, butter-milk and ghi, each pot containing the proportion required for a day's meal. During the hot weather, the Gujars usually drive their herds to the upper ranges, where the buffaloes rejoice in the rich grass which springs up during the rains, and at the same time attain condition from the temperate climate and the immunity from the venomous flies which torment their existence in the plains.

The Gujars are a fine manly race, with peculiar and handsome features. They are never known to thieve. Their women, who are, as a rule, tall and graceful in figure, are supposed to be not very scrupulous. Their habits of frequenting public markets and carrying about their stock for sale, unaccompanied by their husbands, undoubtedly expose them to great temptations. The Gujars are found all over the District, abounding particularly about Jawalamukhi, Tira, and Nádaun. A large majority are Muhammadans. The Hindu Gujars are found especially in the direction of the Mandi border, but are a small sect compared to the Mussalmans.

In the hills, even more than in the plains below, occupations tend to merge into one another, so that it is most difficult to distinguish the outcaste classes. The Chamár, the Jhimwar, and the artisans appear to be tolerably distinct. But even this is not the case everywhere; while throughout the hills we find a mixed class known as Koli, Dági, or Chanúl, who not only perform the usual services demanded of outcasts, but also follow the occupations of very many of the artisan and higher menial castes. It is impossible to say how many of the people who call themselves Barhai, or some other caste which is sufficiently distinct in the plains, are really Koli by caste, and have adopted the occupation merely of the caste under whose name they are shown. And even the inferior castes which bear the same name in the hills as in the plains, often adopt very different habits and occupy very different positions in the two tracts. One difference is probably almost universal, and that is that in the hills almost all menial castes occupy themselves very largely in field labour, and in some parts the Kolis are generally known as Háli or Sipis, words in common use in the plains for two classes of agricultural labourers. At the same time it would appear that the services performed and dues received by village menials are less...
commonly regulated by custom in the hills than in the plains. Chamârs number 57,000. The social position of the menial classes in the hills is thus described by Mr. Barnes in section 277 of his Report:

“Those classes who are too proud or too affluent to plough, and yet hold land, generally entertain kâmas, or labourers from these outcast races, whose condition is almost analogous to that of slavery. He gets bread to eat and a few clothes a year, and is bound to a life of thankless exertion. These castes are always first impressed for begâr, or forced labour, and, in addition to carrying loads, have to provide grass for the camp. In the hills the depression of these castes is more marked than I have observed elsewhere; their manner is subdued and deprecatory; they are careful to announce their caste; and an accidental touch of their persons carries defilement, obliging the toucher to bathe before he can regain his purity. If any person of this caste has a letter to deliver, he will throw or deposit his charge on the ground, but not transmit it direct from hand to hand. He is not allowed to approach near, and in Court, when summoned, he will stand outside, not venturing, unless bid, to intrude within the presence. If encouraged to advance he does so with hesitation; while all the neighbours fall back to avoid the contamination of his touch. Under the rule of the Râjâs they were subjected to endless restrictions. The women were not allowed to wear flounces deeper than four inches to their dress, nor to use the finer metal of gold for ornaments. Their houses were never to exceed a certain size, nor to be raised above one floor; the men were interdicted from wearing long hair, and in their marriages the bride was forced to go on foot, instead of riding in a jampaa or chair, as allowed to every other class. Certain musical instruments, such as the dafal, or drum, and nâkâra or trumpet, were positively prohibited. Many of these restrictions are still observed, although, of course, there has been no sanction given or implied by the officers of Government.”

Barwâls and Batwâls are two words used almost indifferently to express the same thing, the former being more commonly used in the lower hills, and the latter in the mountain ranges of Kangra. In Chamba both names are current as synonyms. But the Batwâl of Kangra is a true caste, while Barwâl is little more than the name of an occupation. Both words correspond very closely with the Lahbar or Balâhar of the plains, and denote the village watchman or messenger. In the higher hills this office is almost confined to the Batwâls, while in the lower hills it is performed by men of various low castes who are all included under the generic term of Barwâl. These men are also the coolies of the hills, and in fact occupy much the same position there as is held by the Chamârs in the plains, save that they do not tan or work in leather. In Kangra they are also known as karonk or kirunk; a word which properly means a man whose duty it is to assemble coolies and others for begâr or forced labour. Like most hill menials they often cultivate land, and are employed as ploughmen and field labourers by the Râjputs and allied races of the hills, who are too proud to cultivate with their own hands. They are true village menials, and attend upon village guests, fill pipes, bear torches, and carry the bridegroom’s palanquin at weddings and the like, and receive fixed fees for doing so. In the towns they appear to be common servants.
DUMNAS.

PART A.

They are of the lowest or almost the lowest standing as a caste, apparently hardly if at all above the Dumnas, or sweeper of the hills; but the Batwál has perhaps a slightly higher standing than the Barwála. Indeed the name of Barwála is said to be a corruption of Béharwála or “outsider,” because, like all outcasts, they live in the outskirts of the village. In the higher ranges and where they are known as Batwál, they are almost all Hindús; but when they ascend to the lower hills or plains and take the name of Barwála they are almost entirely Musalmán.

The Dumnas, called also Domra, and even Düm in Chambá, is the Chúha of the hills proper, and is also found in large numbers in the submontane Districts of Hoshiápúr and Gurdísplur. Like the Chúha of the plains he is something more than a scavenger; but whereas the Chúha works chiefly in grass, the Dumnas adds to this occupation the trade of working in bamboo, a material not available to the Chúha. He makes sieves, winnowing fans, fans, matting, grass rope and string, and generally all the vessels, baskets, screens, furniture, and other articles ordinarily made of bamboo. When he confines himself to this sort of work and gives up scavenging, he appears to be called Bhanjra, at any rate in the lower hills, and occasionally Sarial. The Dumnas appears hardly ever to become Musalmán or Sikh, and may be classed as Hindu; though being an outcast, he is not allowed to draw water from wells used by the ordinary Hindu population. The Dumnas is often called Düm in other parts of India, as in Chambá, and is regarded by Hindús as the type of uncleanness. Yet he seems once to have enjoyed a separate aboriginal race some power and importance. Further information regarding him will be found in Sherring (I, 400) and Elliott (I, 84). He is of course quite distinct from the Düm-Miráí.

These two words, together with a third name Chaná, are used almost indifferently to describe the lower class of menials of the highest hills. General Cunningham believes that the hills of the Punjab were once occupied by a true Kolián race belonging to the same group as the Kols of Central India and Behár, and that the present Kolás are very probably their representatives. He points out that da, the Kolián for water, is still used for many of the smaller streams of the Simla hills, and that there is a line of tribes of Kolián origin extending from Jabbalpur at least as far as Allahánábád, all of which use many identical words in their vocabularies, and have a common tradition of a hereditary connection with iron working. The name of Kulá, however, he identifies with Kulinda, and thinks that it has nothing in common with Kol. Unfortunately Kola is the ordinary name for any inhabitant of Kulá; and though it is a distinct word from Koli, and with a distinct meaning, yet its plural Kole cannot be discriminated from Koli when written in the Persian character; and it is just possible that the figures may include some few persons who are Kole, but not Koli. The names Koli, Dági, and Chaná seem to be used to
denote almost all the low castes in the hills. In the median ranges, such as those of Kangra Proper, the Koli and Chanál are of higher status than the Dági, and not very much lower than the Kanet and Ghirth or lowest cultivating castes; and perhaps the Koli may be said to occupy a somewhat superior position to, and the Chanál very much the same position as the Chamár in the plains, while the Dági corresponds more nearly with the Cháhára. In Kulú the three words seem to be used almost indifferently, and to include not only the lowest castes, but also members of those castes who have adopted the pursuits of respectable artisans. Even in Kangra the distinction appears doubtful. Mr. Lyall quotes a tradition which assigns a common origin, from the marriage of a demi-god to the daughter of a Kulú demon, to the Kanets and Dágis of Kulú, the latter having become separate owing to their ancestor, who married a Tibetan woman, having taken to eating the flesh of the yík, which, as a sort of ox, is sacred to Hindus, and he thinks that the story may point to a mixed Mongol and Hindu descent for both castes. Again he writes: “The Koli class is pretty numerous in Rájährí on the north-east side of pargana Hamírprú; like the Kanét it belongs to the country to the east of Kangra Proper. I believe this class is treated as outcast by other Hindus in Rájährí, though not so in Bilá-prú and other countries to the east. The class has several times attempted to get the Katoch Rájá to remove the ban, but the negotiations have fallen through because the bribe offered was not sufficient. Among outcasts the Chamár are, as usual, the most numerous.” Of pargana Kangra he writes: “the Dágis have been entered as second class Gaddís, but they properly belong to a different nationality, and bear the same relation to the Kanets of Bangálal that the Sipís, Bádis, and Hálís (also classed as second class Gaddís) do to the first class Gaddís.” The word Dági is sometimes said to be derived from dák, a stain or blemish; but it is hardly likely that in the hills, of all parts of the Punjab, a word of Persian origin should be in common use as the name of a caste, and Mr. Anderson’s derivation, Part II (Chapter III, Section C), is far more probable. At the same time the word is undoubtedly used as a term of opprobrium. Chanál is perhaps the modern form of Chandála, the outcast of the hills, so often mentioned in the Rájährarángini and elsewhere.

The Lobánas are found in ten or twelve villages of Núrpur Tahsíl, especially in the In-daurá taluka, in a few villages of Pál-ampur and Dera and in two of Kangra Tahsíl. As elsewhere their hamlets are called Tándas. (31) Their gots (32) are variously given

(31) Said to be from tand, a caravan.
(32) The got names are said to be derived from places of settlement or occupations. The Pilias claim to be Káshab by gotra.
as the marginal list shows. Of these the ghutra vaguely claims pre-eminence. The headmen are termed Náiks and receive as dues a rupee at a betrothal and a second rupee with the thigh of the goat at the wedding. Their authority is considerable and is fully recognised by the Lobánas. The Lobánas ascribe their settlements in this District to Rájás Dharm Chand and Lángarpál who permitted them to graze, and they subsequently settled down as cultivators though they still work as carriers. They claim to be Gaur Bráhmons by origin and are apparently sometimes called Ad-gaur Bráhmons. All except the Bahrúpiás wear or profess to wear the janeo, and at least perform the ceremony of putting it on and wear it at weddings.

The legend is that a Rájá of Plúbhit, by caste a Pilia Rájpút, became a leper and lost several of his family by that disease. He accordingly endeavoured to make a number of Bráhman boys and girls accept offerings, dán, from him, but the Bráhmans resisted his demands and fled with their goods, thus becoming carriers by trade.

Birth ceremonies are as among Hindús, but in the case of a male birth the mother and child are taken on the ninth day after the birth to a pipal tree which is sprinkled with water and to which flowers, rice and kongu (red sandal) are offered. A thread of the janeo is also wrapped round the stem, and gram and sugar distributed to those assembled.

Marriage is avoided in Chet, Bhádon, Asaúj and Poh, and in the other months should be celebrated during the light half, preferably on the ikádshí or 11th. The date is fixed by the pahóhit. At the wedding the men of the bridegroom's party dance in the house of the bride's parents. A special Lobána custom is the performance of the sánt and other ceremonies by the boy's parents at the bride's house, even the poorest entertaining the wedding-party for seven days.

After the marriage is celebrated the bride is not taken to her husband's house, but remains with her parents for one, three, five or even seven years.

The pipal is worshipped on the third day after the wedding with the rites observed after a birth.

Widow re-marriage is allowed, but there is a strong feeling against marriage with the husband's elder brother, and marriage should be with the dewar or with one who stands in the same footing as a dewar, e. g., with the husband's uncle's son. It is even said that in case of marriage with a jeth the parties are excommunicated. At a widow's re-marriage, for which a lucky moment is ascertained, the widow and the bridegroom bathe; the former puts on a nose-ring and red clothes, and the latter white. Then the couple are made to perform some religious rites by the pahóhit and a he-goat is killed to feast the brotherhood. A widow's

(33) Or a pot of water is poured out under it.
children by her former husband do not succeed, but sometimes a
*pichhálag* is given something by the second husband. A *pichhálag*
however can take no part in the nuptial or funeral ceremonies nor
join a marriage feast of his step-father. Re-married widows also
occupy an inferior position in certain religious rites at which wives
who have not been re-married have some special privileges. Some-
times a widow does not re-marry but remains in her husband's
house, and any children she may then have are called *chutkandhus.*
Such issue succeeds to the husband's land. This is probably an
adoption of local custom by the Lobáns.

The tribes noted in the margin were declared to be ‘agricul-
tural tribes’ under the Punjab Alienation of Land Act (XIII of 1900) by
Punjab Government Notification No. 63 of 18th April 1904.

The following is a list of the principal *jágirdárs* in Kangra

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rájá Ragnáth Singh of Guler ...</td>
<td>19,584</td>
<td>In perpetuity.</td>
</tr>
<tr>
<td>2</td>
<td>Rájá Jai Chand of Lumbargáon</td>
<td>34,910</td>
<td>In perpetuity subject to Rs. 1,500 <em>nasardána.</em></td>
</tr>
<tr>
<td>3</td>
<td>Rájá Jai Singh of Dáda Síba ...</td>
<td>10,783</td>
<td>In perpetuity.</td>
</tr>
<tr>
<td>4</td>
<td>Rájá Narindar Chand of Nálaun</td>
<td>28,905</td>
<td>Exchanged for a <em>jágir</em> formerly held by the <em>tája</em> in Hoshánpur.</td>
</tr>
<tr>
<td>5</td>
<td>Rájá Rám Pál of Kotlub ...</td>
<td>10,501</td>
<td>Granted in exchange for part of the pension of Rs. 10,000 originally held by the family. In perpetuity.</td>
</tr>
<tr>
<td>6</td>
<td>Rájá Gagan Singh of Nápur ...</td>
<td>2,042</td>
<td>The whole <em>jágir</em> is of the nominal value of Rs. 10,000, and is divided among the whole family. The sum given represents the Rájá's share granted in 1863-64 in lieu of cash pension payable through Government by the Mahárája of Jammu in perpetuity.</td>
</tr>
<tr>
<td>7</td>
<td>Rájá Niámatullah Khan of Rehlú</td>
<td>5,100</td>
<td>In perpetuity, granted for good service before and during the time of the mutiny.</td>
</tr>
<tr>
<td>8</td>
<td>Chaudri Mallá Singh, Indauria of Chanuár</td>
<td>1,112</td>
<td>In perpetuity. Grand-nephew of Isí Singh mentioned by Mr. Barnes and son of Shankar Singh to whom it was continued at one-fourth <em>nasardána.</em></td>
</tr>
<tr>
<td>9</td>
<td>Mián Raghnáth Singh of Re ...</td>
<td>1,110</td>
<td>In perpetuity.</td>
</tr>
<tr>
<td>10</td>
<td>Wažír Hírá Singh Pathanáia of Bhádwar</td>
<td>1,541</td>
<td>In perpetuity.</td>
</tr>
<tr>
<td>11</td>
<td>Rána Ranjodh Singh ...</td>
<td>365</td>
<td>In perpetuity.</td>
</tr>
<tr>
<td>12</td>
<td>Mián Deví Chand of Bíjepur ...</td>
<td>2,345</td>
<td>Granted in perpetuity to Molák Chand, grandfather of present holder.</td>
</tr>
<tr>
<td>13</td>
<td>Wažír Karam Singh of Bír (Mándí)</td>
<td>2,400</td>
<td>In perpetuity. Grand in 1859 for good services to Government. The grant is situated in Chota Bangálá.</td>
</tr>
<tr>
<td>14</td>
<td>Mián Lachman, Goleria of Májra</td>
<td>552</td>
<td>During pleasure of Government. In perpetuity, at one-fourth <em>nasardána.</em></td>
</tr>
<tr>
<td>15</td>
<td>Mián Amar Singh, Sahib Singh and others, of Bichwál.</td>
<td>528</td>
<td>During pleasure of Government. In perpetuity, at one-third <em>nasardána.</em></td>
</tr>
<tr>
<td>16</td>
<td>Bije Singh and others, Jamwál, of Hodíl</td>
<td>800</td>
<td>Ditto.</td>
</tr>
<tr>
<td>17</td>
<td>Mián Hírá Singh and others, Jamwál, of Kot Pularí</td>
<td>424</td>
<td>Ditto.</td>
</tr>
</tbody>
</table>
An agreement has been signed by the holders of the following jāgirs that the jāgir shall descend by primogeniture:—Goler, Lambagraon, Siba, Nádaun, Kutlehr, Núpur, Re, Chanaur, Bīr.

These political assignments are held by the descendants or connections of the ancient Hindu rulers of the country, and were originally granted by the Sikhs on their seizure of the hills; we have not interfered with them except to relieve the incumbents of services and payments of annual fines and bribes which, under the old dynasty, absorbed at least a fifth of their resources.

The old Katoch royal family with its offshoots is represented by Rájá Jai Chand of Lambagraon, Rájá Rughnáth Singh of Goler, Rájá Jai Singh of Siba, Rájá Narindar Chand of Nádaun and Mián Devi Chand of Bījapur.

Rájá Jai Chand of Lambagraon is the present head of the Katoch clan, being descended, as the following pedigree shows, from Mián Fateh Chand, a younger brother of the famous Sansú Chand:

RAJA TEG CHAND.

Rájá Sansár Chand  
(died 1824).

Rájá Anrud Chand.

Rájá Ranbir Chand  
(died childless 1847).

Rájá Parmúd Chand
(died childless in exile 1851).

Mián Fateh Chand

Mián Ludar Chand,

Rájá Partáb Chand
(died 1864).

Rájá Jai Chand
(born 1862).

Parmúd Chand, the former chief of the house, enjoyed an independent jāgir of Rs. 33,000 in the talukā of Mahal Mori, but forfeited his possessions and his liberty in the insurrection of 1848-49. He died in exile at Almora in 1851.

The present chief's jāgir comes to him by his descent from Mián Ludar Chand, who, when Rájá Anrud Chand threw up his kingdom and fled to Hardwār rather than consent to alliance with Dhian Singh, stayed and surrendered the territory into the hands of the Sikh Army, and further soothed the wounded pride of the minister by giving his daughter to his son Hira Singh. In consideration of these services, he received a jāgir, originally much larger, but on the return of Anrud's son Ranbir Chand reduced to its present limits of Rs. 33,000. Rájá Jai Chand resides at Lambagraon, a picturesque locality on the right bank of the Beās. At the time of his succession he was a minor, and the estate came under the management of the Deputy Commissioner as the Court of the Wards. When taken over the estate was heavily encumbered, but was handed back to the present Rájá, on his majority in the year 1883 free of encumbrance. The Rájá was educated in part at the Ajmir College and in part by private tutors. He speaks and writes English, and is fond of sport and manly exercises. He served in the Black Mountain and Chitral Relief Expeditions and bears the honorary rank of Major in the 37th Dogras. He has been invested
with criminal and civil powers, and is Sub-Registrar of his jágír. He has no brothers, and only one son born in 1902. He is the second Viceregal Darbári in the District and is related by marriage to the Chiefs of Jammu, Sirmúr, and Biláspur.

Rájá Rughnáth Singh of Goler is the representative of the elder branch of the old Katoch royal family. His ancestor Hari Chand emigrated to Goler as related above (page 27), and built the town of Haripur for himself. Hari Chand’s descendants are called Goleriás.

The late Rájá Jai Singh was the brother and successor of Rájá Shamsher Singh to whom the jágír was confirmed at annexation. The present Rájá succeeded his father in 1884. The fort of Haripur was made over to Shamsher Singh by Government, but the present Rájá’s principal residence is at Nándpur in his own jágír. The estate has long been in an embarrassed condition and was in 1899 brought under the Court of Wards at the Rájá’s own request. The Rájá is first Viceregal Darbári of the District.

Rájá Jai Singh of Dáda Síba is the representative of a younger branch of the Goler family. His ancestor, Síbaru or Síbar Chand, was the younger son of the grandson of Hari Chand, the first chief of the Goleria family. Síbaru founded the State of Síba in the fourteenth century which contains two forts, at Dáda and Síba from the former of which the family is known as Dádwál. The present Rájá is a son of Rájá Bije Singh, and succeeded to the estate in 1879. Of the whole jágír, Rs. 14,200 (subject to a tribute of Rs. 1,500) were confirmed at the annexation to Rájá Ram Singh, a cousin of Bije Singh, and passed to the latter on Ram Singh’s death without issue in 1874; the remaining Rs. 4,800 were confirmed to Bije Singh at the same time, and, though resumed for his complicity in the Katoch insurrection of 1848, were restored for the good services of his younger brother Guláb Singh in the mutiny and its seat is at Dáda within the estate. The Síba territories escaped practically unimpaired by the Sikh annexation through the influence of the minister Dhíán Singh who married two ladies of the family, and the jágír comprises the whole of the hereditary possessions. Rájá Jai Singh exercises criminal and civil powers within his jágír, of which he is also Sub-Registrar. He is the third Viceregal Darbári in the District, and is connected by marriage with the families of Jammu and Biláspur.

Rájá Narindar Chand of Nádaun succeeded his father, Rájá Amar Chand, the son of Rájá Sir Jodhbír Chand, K.C.S.I., who was the illegitimate son of the great Rájá Sansár Chand, Jodhbír Chand’s mother was a Gaddan, and famous for her beauty; his two sisters, who like him were illegitimate, were given by him in marriage to Ranjít Singh, and were the foundation of his fortune. Ranjít Singh created him a Rájá, and conferred upon him the present jágír. These two ladies immolated themselves on Ranjít Singh’s decease. Jodhbír Chand was always conspicuous for his
idility to our Government; both in the Sikh war and in the Katoch nsurrection he did us good service, and his son Pirthi Singh won he order of merit in the mutiny. For his services generally he was made a K.C.S.I., in 1868. The present Rájá resides at Amtar on the left bank of the Beás, close to Nádaun. He has criminal and civil powers throughout the District and is fourth in the list of local Viceregal Darbáris.

Mián Devi Chand of Bijapur represents a branch of the Katoch family founded by Narpat Chand in the eighteenth century, and holds the jágír confirmed to his grandfather at annexation. His estate is at present under the Court of Wards.

The Pathávia Family.—Rájá Gagan Singh is the grandson of Rájá Búr Singh, the last ruling chief of Núrpur, and holds a small jágír in part commutation of a pension granted to his father Jaswant Singh. The Rájá was at the Aitchison College and during his minority his estate was under the Court of Wards. He was born in 1882. His younger brother, Mián Udham Singh, is a jamadár in the 29th Punjabis. Mián Ragnáth Singh, son of the late Shankar Singh of Re, and Hira Singh, son of the late Wazír Suchet Singh of Ladauri, are also members of this family, and hold small jágírs.

The Kotlehr Family.—Narán Pál, ex-Rájá of Kotlehr, received from the Sikhs a jágír in Hoshírpur, which was exchanged by the British Government for villages of equal value in the original territories of the family. His son and successor, Rájá Rám Pál, exercises criminal and civil powers within the limits of taluká Kotlehr, and is fifth Viceregal Darbári in the District. Rájá Rám Pál’s eldest son, Tíká Naríndar Pál, is an Honorary Magistrate and Munsíff, 1st class; he holds his Court at Dharmsíla.

The Rajauria Family.—Rájá Niámátullah Khan is the great-grandson of Rájá Rahimulláh Kháán, the last chief of Rajauri in Kashmir, who was exiled to Ríhlu in 1841. He and the other descendants of Rahimulláh hold between them an extensive jágír in the Ríhlu taluká, granted in 1863–64 in lieu of a cash pension payable through the British Government by the Rájá of Jammu. The value of the portion enjoyed by Niámátulla Khan, head of the family, is Rs. 5,100 a year. Several members of the family are in Government service. Some members of the Ríhlu family have rendered distinguished service to Government. The best known of them is Lieutenant-Colonel Rájá Atáulláh Khan, formerly British Envoy at Kábúl, who died in March 1902. Some members of the family have migrated to Wazírabád.

The following may also be mentioned as representing leading families in the District:

Rái Sáhib Baráru, Búr Bangáhal.
Rájá Autár Singh, Bhadwáal.
Rájá Balbír Singh, Manhotar.
Manners and character.

CHAP. I. C.  
Population.  
Bea.  

Mián Diláwar Singh, Tilokpur.  
Lál Singh, Nagrota.  
Martanjú Prohit, Chahri.  
Chaudhri Malha Singh of Indaura.  

Accounts of all the families mentioned in this chapter are given in Massy’s Chiefs and Families of Note in the Punjab.

“The hill people are a good-looking race. Their complexion is fair and the expression is almost invariably mild and prepossessing. Their features are delicate and well-formed. In stature they seldom exceed the middle size, and cannot compare with the inhabitants of the plains for vigour and manly strength. The gradations of caste are strongly marked in the appearance and aspect of the people, and the higher the social position the more pure and elevated become the features. Among the Bráhmans and Rájpúts there are generally to be found the distinguishing marks of a long and unsullied descent, and their faces bear the impress of true nobility. The agricultural classes are less refined and attractive, but they all possess the amiable and ingenuous expression which is characteristic of the whole race.”

“To a prepossessing appearance the hill people add the charm of simple and unsophisticated manners. In address they are at once open and good-humoured, and at the same time obedient and respectful. They are not very familiar with the amenities of speech, and may sometimes offend an ear habituated to the fulsome phraseology of Hindustán; but the error always proceeds from rustic plainness, and never from intentional discourtesy. They are extremely susceptible to kindness or the reverse. A conciliatory demeanour at once wins their confidence, while a rude word, carelessly uttered, is often sufficient to intimidate and repel them. To be assailed with abuse is a grievous injury not to be forgotten, while ridicule offends them almost as much (34). Among equals, the exchange of contumelious epithets excites an extraordinary paroxysm of anger, hardly to be reconciled with their general mildness of demeanour. Abuse frequently leads to suicide; and an abusive habit in an official outweights, in popular estimation, his good qualities of whatever kind. The people are bashful and modest, never intruding unless encouraged. A gesture is quite sufficient to keep them at a distance. They are suspicious, and long in yielding their confidence. To a stranger they are very reserved; and will, as much as possible, abstain from the Court of a new official till his character is thoroughly displayed. On the other hand, when once they are conciliated, there are no bounds to their devotion. As at first they are distrustful and shy, so at last they surrender themselves without restraint. They are naturally an affectionate and gentle race. They have no daring nor aspirations after independence, but delight rather to place themselves under authority, and yield implicitly to an influence which they admire and respect. They are

(34) A Kangra proverb has it “Roge dā múl khása, Kalha dā múl hánsi.” Disease begins with a cough—a quarrel, with laughter.
Manners and character.

[PART A.

Manners and character.

CHAP. I. C.

Population.

Manners and character.

Barnes, § 294.

They are lively and good-tempered, fond of fairs and public assemblies, and with more pretensions to musical taste than is usual in India. Their songs have a simple cadence, pleasing even to a cultivated ear. Their simplicity inclines them to be credulous, and they easily become the dupes of any designing fellow who wishes to impose upon them. This facility of disposition has frequently been taken advantage of by swindlers and sharpers, who, under the personation of Government officials, have robbed houses and carried out their schemes of aggrandisement. A few artful words are sufficient to raise a village against their legitimate officers. Lastly, the hill people are very superstitious. They firmly believe in witchcraft, and one of their most constant reproaches against our rule is that there is no punishment for witches. Every incident at all out of the ordinary course, such as the death of a young man, or the cessation of milk in a buffalo, is ascribed at once to supernatural causes. They will not set out on the most common expedition nor undertake any duty without first consulting a Brāhman. They have their
lucky and unlucky months and days. Marriages are interdicted in Poh, Chet, Bhádon, and Amalt, or four months in the year. Saturdays and Wednesdays are propitious days for going towards the south, Thursdays to the north, Sundays and Tuesdays to the east, and so on. The fourth and eighth days of the moon are full of disaster, and no one would begin an enterprise on these dates. The priestly class, again, have an even deeper influence here than in other parts of India. Besides the larger temples, the shrines of lesser divinities are innumerable, and almost every house possesses its Penates in the shape of a Sidd or Nág, a deity which is supposed to repel witches and to propitiate fortune. Altogether, the impression left by experience of the character of the hill people is most favourable. They are honest, truthful, industrious, frugal, gentle and good-humoured, faithful to their employers and submissive to authority. Against these virtues, there is little or nothing to set off. The worst that can be said of them is that they are superstitious, easily misled, distrustful of strangers and litigious.

The following passage supplements the account given by Mr. Barnes:—

"Mr. Barnes has given a description of the various tribes and castes which for completeness and accuracy cannot possibly be surpassed. I think it, however, worth while to add a few particulars as to general differences of customs and habits of life between Hindus of these hills and Hindús of the Panjab plains. In the hills all castes, high and low, sacrifice goats (bakri káthwa) at weddings, funerals, festivals, and harvest time, ploughing time and on all sorts of occasions. In Kúlú and other countries among the snowly ranges, the sacrifice has a religious signification, and conveys a sense of purification; but this is not so evident in Kangra Proper. No such custom prevails in the plains. All misfortunes and sickness are universally attributed to the malice or spite (kop, dosh) of some demon, spirit or deceased saint; so also the belief in witches or magicians (den, dojat) is universal.

"Excepting widows, women of all classes eat meat in the plains Rájput or Brahmans women regard eating meat with horror. At weddings flesh and rice are universally given to the guests, instead of curds and sweetmeats as below. All Súdras drink spirits and dance together at weddings, and all women, except parda-naskin Rájputnais, attend the melás or local fairs. At wedding feasts or other similar entertainments men of all castes, from the Brahman to the Súdra, will sit and eat together in one line (pangat) arranged strictly according to degree or rank. Food is then handed down to all. On such occasions great quarrels constantly occur among Rájput about precedence, which often break up the party entirely.

"In the hills it is the father of the boy that sends an envoy to search for a bride for his son; in the plains it is the girl's father that searches for a husband for his daughter. It is a strict rule in the hills that the bride's tray-palanquin, or dola, must be carried in front of that of the bridegroom. In the hills little or no expense attends the múlkáwa or, as it is called here the pheragheera, that is the bringing the wife for good and all to her husband's home. In the plains it is an occasion of great expense. Married women in the hills make a strict point of never

(35) There are exceptions to this: e.g., in the case of Khatris.
putting off their bālu or nose-ring; on the other hand, the putting on the bālu with concubinage is in itself marriage among the Ghirths and some others.

"In the plains Rājāpuṭs marry Rājpuṭs only. Here each class of Rājpuṭs marries the daughters of the class next below his own, and the lower class Rājpuṭs marry the daughter of Rāthīs, Thākars, or Ghirths. Hence the proverb 'In the seventh generation the Ghirth's daughter becomes a queen.'

"Except among the first class or Jaikari Rājpuṭs and Nagarkotis Brahmins, bhattasattā, or exchanged betrothals, are very common, and something is nearly always given as a consideration for the bride. On the other hand, Rājpuṭs of high family are heavily bribed to marry, owing to the feeling of pride which forbids a Rājpuṭ to marry a daughter to any but a man of equal or rather superior family to his own. The prevention of infanticide, both in our territories and in Jammu, now-a-days drives these Rājpuṭs to great straits. Not long ago a Manhais Rājpūt, who had three daughters, not finding any son-in-law of sufficient rank according to his notions, kept them all at home till they were quite old maids. He at last found an old bridegroom of ninety, who married two of the three at once for a consideration, but died on the return journey home so that the two brides came back upon their father's hand. Shortly after the third daughter ran away with a postman or letter-carrier. In the hills, Kāit and Mahājana intermarry, though the former in the plains rank as Sūdras and the latter as Vaisyās. In the Gaddi villages Khatris, Rājpuṭs, Rāthīs and Thākars all intermarry, and in some places, for instance Kukti in Bhamaur, Brāhma Gaddis intermarry with Khatris. The Gaddis give dower in two forms, eiz., sīj, which goes to the husband, and phuloni, which is strīdhan, or the wife's sole property. Among them also the Bhat Brahmins act as Āchāraj as well as Pāda Prohits; that is, they take funeral as well as marriage gifts or fees.

"In the hills the death of old people is celebrated by a wake or funeral feast held after the tenth day, at which eating and drinking goes on in much the same way as at a wedding. Among Ghirths and some other Sūdras it is also the custom for the connections to bring an effigy of the deceased in clay, cloth, or wood to the house of mourning, accompanied by drummers and musicians and to try to dispel the gloom which is supposed to have settled on the inmates by the most boisterous tricks and the broadest jokes possible. On the kirā day, that is eighteen days after the death or thereabouts, another feast is held, and another goat is sacrificed. In the hills, ten days after a death, all the male kinsmen shave their heads as a sign of mourning. In the plains only very near kinsmen shave on the day of death. Formerly, when a Rājā died, every male subject shaved his head, and all the women put off their ornaments. In the political jagirs the custom is so far kept up that at least one man in every family will shave when the Rājā dies. All the Gaddīs, even those who live entirely in Kāngra, still shave when a Rājā of Chambā dies; the women put off their nose-rings, no meat is eaten for six months, and no marriages celebrated for a year."

(A brief description of the great religions of the Punjab and of their principal sects will be found in Ch. IV of the Census Report, 1881. The religious practice and belief of the District present no special peculiarities; and it would be out of place to enter here into any disquisition on the general question. The general distribution of religion by tahsils can be gathered from the figures of Table No. 16)
of Part B.; and regarding the population as a whole, no more detailed in formation as to locality is available. But the landowning and cultivating classes are almost entirely Hindu, as indeed is the whole village population, except in Spiti, where the people are exclusively Buddhist. The Hinduism of Lāhul is discussed in Part III.

The generality of the people are very superstitious, and the District is covered with a network of shrines, ranging from the Chapel Royal of Mahārāja Sansār Chand at Sujānpur, or the richer and much frequented temples at Jawālamukhi and Kānga, to the village Gugā, or the rudely hewn figure of the Dūndim-ka-deota (deity of the cudgels) placed under the shade of some roadside pipal tree. The temple of the Bajresari or Vāgreswari Devi at Kānga is perhaps the most famous in the District. It is said to have been founded by the divinity of that name at a famous Jawāmulh or horse sacrifice which was held on the spot. The famous Mahāmud of Ghazni is said to have invaded the District and destroyed the temple, building a mosque on its ruins. It was, however, restored, and is said to have been visited by Akbar together with his celebrated Diwān Todar Mal. There are some other temples in the vicinity which are said to have owed their origin to Todar Mal. Akbar’s toleration went so far that he is said to have presented a golden image of himself, in an attitude of prayer, to the temple of Jamlu at Malana in Kulu. Finally Ranjit Singh visited it, and under his orders the domes of the temples here and at Jawālamukhi were gilded. Subsequently the devotees from Amritsar subscribed together and presented the temple with a marble floor. It is worth remarking that the town of Kānga, where the temple is situated, was originally known as Nagarkot, and the Katoch Rājās and the Brahmins of the vicinity were distinguished by the same name. It is said that on the spot where the fortress stands the Rāksa Jalandhar met with his death, at least his body covered many leagues, but his head is said to have fallen on this spot. Hence the fort was named Kānggarh, the fort of the head, which became corrupted into Kāngra.

The temples at Kānga and Jawālamukhi are in charge of the rapacious Bhojkīs, who plunder the unfortunate pilgrims. At the latter place large numbers of sheep and goats are supposed to be

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(36) There are countless omens, regarding some of which see Arts 109–114, Punjab Notes and Queries, Volume III, 1885.

(37) Mr. Crooke contributed the following note to “North Indian Notes and Queries,” 1891, Art. 738:

The following custom is noted by Thevenot (Part III, Chapter 32, Fol. 52):

“Nagarkot is famous because of the idol Matta to which it is dedicated; and they say that there are some gentiles that come not out of that Pagod without sacrificing part of their body.” Abdul Fadl Gladwin’s “Ain-i-Akbari,” volume II, page 109) says: “Nagarkot is a city situated upon a mountain with a Fort called Kānga. In the vicinity of this city, upon a lofty mountain, is a place (Mahamāya) which they consider as one of the works of the divinity, and come in pilgrimage to it from great distances, thereby obtaining the accomplishment of their wishes. It is most wonderful that in order to effect this they cut out their tongues, which grow again in the course of two or three days, and sometimes in a few hours.”
The appetite of the Devi is however capricious, and the offerings are usually informed that she is not quite ready for her meal. The offering left is hurried away by the priests, and sold in the neighbourhood for a trifle under its value to men who again sell it to other pilgrims. The temple of Gauri Shankar at Tirā is picturesquely situated on the left bank of the Beās on some heights overlooking the city of Sujānpur and close to the castle built by Tahārijā Sansār Chand. At the time that chieftain was at the summit of his power it must have been largely frequented. It received a rich pūjār of Rs. 1,600 which is being squandered by the present managers, and has quite ceased to be visited by pilgrims.

The three following notes are reproduced from "Punjab Notes and Queries" as of special interest:

Once upon a time a Brāhman gave his full-grown daughter in marriage to a child. When the ceremonies were over and the bride was being sent to her husband's house, she saw how things really stood. So in her despair she stopped her doli bearers on the road by a river, and called out to her brother, Bāṣṭu: "It has been my fate to be married to a child, and I live to more. But in future, in memory of my wretched fate, let girls make three toy images of earth, one of me, one of my husband, and one of you, my brother, Bāṣṭu, and let them worship these images for the whole month of Chaitr (March-April) every year until they be married. Then let them marry these images, as I was married, on the first of Baisākh, and on the second or third day thereafter let them take the images in a doli to the banks of a river, and there let them drown them in it. And let this be one in honor of me, Rali, the bride; Shankar, my husband; and you, Bāṣṭu, my brother. The blessing that shall spring forth from this rite shall be that she who performs it shall never marry an unsuitable husband." Saying this she sprang into the river, and was drowned, and in their grief at this, her husband and brother drowned themselves also. Ever since then the worship of Rali, Shankar, and Bāṣṭu, has been universal throughout the District of Kangra.

The three chief fairs in honour of Rali are held at Bajnāth, at Dāda, half-way between Pālampur and Dharmshāla, and at Chāf, three miles west of Dharmshāla. Many songs are sung by children in honor of Rali, and the images are adorned with wild flowers. The children bathe every day during the month of Chaitr, and fast on the first, second, and fourth Sundays of that month. The images are dressed up according to the means of the parents, and are finally thrown into a river with songs and ceremonies.

[ Cf. the following note from the Indian Antiquary, Volume XI, p. 297.]

The Rali is a small earthen painted image of Siva or Pārvati. The mulika mela or Rali fair is a long business, and occupies most of Chet (March-April) up to the Sankrānt of Baisākh (April). Its celebration is entirely confined to young girls, and is in vogue all over the district. It is celebrated thus:—All the little girls of the place turn out of their houses one morning in March and take small baskets of dūb grass and flowers to a certain fixed spot, where they throw them all into a heap. Round this heap they stand in a circle and sing. This goes on every day for ten days, until the heap of grass and flowers reaches a respectable size. They then cut in the jungles two branches having three prongs at one end and place

ANGRA DISTRICT. Rali worship. [PART A.

CHAP. I, C. Population.

Religions.

them, prongs downwards, over the flower heap so as to make two tripods or pyramids. On the single uppermost points of these branches they get a Chittarā or painted image-maker to construct two clay images, one to represent Siva and the other Pārvati. All the girls join in collecting the clay for these, and all help as much as they can in the construction of the images themselves, this being a "good work." The girls then divide themselves into two parties; one for Siva and one for Pārvati, and set to work to marry the images in the usual way, leaving out no part of the ceremonies, not even the barīt or procession. After the marriage they have a feast, which is paid for jointly by contributions solicited from their parents. After this at the next Sāukrānt (Baisākh) they all go together to the riverside, and throw the ralis into it at any point where there happens to be a deep pool and weep over the place, as though they were performing funeral obsequies. The boys of the neighbourhood frequently worry them by diving for the ralis and rescuing them and waving them about, while the girls are crying over them. The object of this fair is to secure a good husband. These fairs are held on a small scale in all the principal places in Kāngra, but the chief ones are at Kāngra itself, where the Bānganga is the river used for the disposal of the ralis, and at Chari, a village ten miles from Kāngra and six miles from Dharmsāla on the River Gajj. The largest fair is held there.

Chittarā is an interesting word, showing insertion of त after a consonant which is not uncommon in Punjabi. "Conf. thandā—thandṛī, cold; pāhuṇā—prāhuṇa, a guest: betā—betṛ, a son, &c. Chitrarā comes from chitr, a picture, and its usual forms are chitṛā, chitārī, chitṛkār, and its usual meaning is a painter.—R. C. Temple."

While the girls are picking the bāusāṭī flowers (? quercus incana) for the ceremonies, they sing the following song:

Sab sab soheliyān bebo, jurī-muri āyān, jurī-muri āyān:
Raliye, sohelār bhenar duron!
Hornā tān chūngiyān, bebo, chariyān charolāryān:
Raliyen tān chūngi lamī god!
Hornā tān gūndiyān, bebo, lariyān, do lariyān.
Raliyen gūndyā, choesar hār!
Gundī tān gundī, bebo, kaliyā daharya kilīyā daharya:
Lenewāla Shankar dūr!
Hār tan sukyā, bebo, palange den poyen:
Raliye suki Shankar den hoyen!
All we maids are come together, dear, are come together:
O Rali, friends and sisters from afar!
Others collected flowers in their baskets, dear.
Rali collected them in her skirt,
Others made chaplets and double chaplets, dear,
Rali made a four-fold garland!
The chaplets have been made and hanged upon the nails, dear.
But Shankar, who should take them, is afar!
The garlands are dying at the foot of our cots, dear.
As Rali died (in sorrow) for Shankar.—Sardārī Balāhārī
It is a common belief among the people that Sendu Bir assumed the form of a Gaddi with a long beard and a kiro (long basket for carrying, &c.) on his back. The spirit is called also Dariāla from its beard, Kirowāla from the kiro. The main shrine of Sendu Bir is at Basoli annu, and smaller ones are at Dhār and Bhāngūrī in Gurdaspur, and Kṛṣṇā in this District. Nearly all the Hindu cultivators have a strong faith in this spirit, and at both harvests offer him karāha (i.e., halwa, sweetmeat). Whenever a house, or a woman, or a man is declared by a (locally, chelā) to be possessed by Sendu Bir, he will make offerings of bhā, a ram, or a he-goat to the spirit in order to ward off illness.

It is believed by cultivators generally that Sendu Bir steals corn, ghi, &c., from others to give to his special worshippers. The people fear those who are supposed to have mastered the mantrās or charms which Sendu Bir can be made to come at call, and to oppress their fates by command. In some places Sendu Bir is supposed to burn down houses, &c., of those with whom he is dissatisfied. In places where these are liable to be burnt down suddenly the people are much afraid of Sendu who come to beg in the name of Sendu Bir; and if they say they belong to his shrine they are bountifully rewarded. The inhabitants of one village near the police station there was burned down by this spirit.

Sendu Bir is also supposed to cohabit with any female to whom any son who has mastered his charms may send him, the woman thinking she is in a dream.

The following is a mantra (charm) which will summon Sendu Bir:

*Parbat Guphā ot base bāp tēra:
Sendu Bir tum hain bhai meri tā*

Ugarbir kā potrā; Chhetrpāl kā potrā; Lohpāl kā potrā; Agnipāl kā potrā; Sangulpāl kā potrā; Thikarpāl kā potrā; Bhūinpāl kā dohtrā; Kṛṣṇādādi kā jāyā; Puniyā kā bhai; Gurān kā Sikh; hamāra devid ave; hamāra bheja ave; hamāra kā māarr kar ave; Guru ki kātt hamāri bhagat. Phure mantar: chāla bācha: Mahāndeo kā bācha are.

Thy father dwells in the shade of the mountain valley: Sendu Bir, thou art my brother.

Grandson of Ugarbir, grandson of Chhetrpāl, grandson of Lohpāl, grandson of Agnipāl, grandson of Sangulpāl; grandson of Thikarpāl; grandson (daughter’s son) of Bhūinpāl; son of Mother Kṛṣṇādādi; brother Puniya! disciple of the Gurrī, come at my call; come for my sending, be quickly and do my bidding; I worship the power of the Gurrī. Work and go voice; let the voice of Mahāndeo (Siva) work.

The above mantra should be repeated 101 times at night for 21 days, at the spot where the dead are burnt, or under a *pipal* (ficus religiosa), or chamba (michelia champaca), or chamal (jusminum indiflorum) or at the pond, tank, or well whence the women fetch water, disposed food of all sorts—wine, meat, fish, tobacco, sweet-smelling flowers and sweetmeats, &c., also a narel (cocoanut pipe) should be taken to the temple daily during the ceremony. The spirit, it is said, comes on the sixty-first day and asks why he is called. He should then be told to come again, and do whatever he is bidden. His appearance is that of a gaddi (hill shepherd), and before his arrival, he will be heard whistling.

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*See note at page 261, Indian Antiquary, Volume XI. In the hill dialect sind hi—Hindi *sir*, a whistle.*
as he comes, and sometimes with a whistling sound through his limbs.
On the twenty-second day a ram should be taken to the place of his appearance, and presented to him to ride on. This ram is called his ghori.—Sardaru Balhārī.

(This mantra probably gives a list of godlings which it would be worth while following up. Compare with it the mantra for the cure of scorpion bite used by the Sānusīs. Indian Antiquary, volume XI, page 32 and ff. The Guru is Nānak.—R. C. Temple).

Nārṣing.—About two-thirds of the women, and some of the men in the Kangra District, are believers in Nārṣing. It is believed that he gives sons and assists in all difficulties. His worshippers keep a nārjit (cocoanut) and chandan (sandal wood paste). Every Sunday or on the first Sunday of each Hindu month, they worship him as follows:—They put the nārjit on a brass plate (thāli) first washing it with fresh water. They then put a tilak of the chandan on it in the same way that Brāhmans mark their foreheads, and then an achat of as much washed rice as will stay on three fingers of the right hand, i.e., on the thumb, first and second or middle finger. When this is done they adorn the nārjit with flowers, and then burn some dhup (dolomica macrocephala), a root from the Chambā Hills, besprinkled with powdered camphor, sandalwood, almonds and spices. It is made into pastilles, and when burnt emits a pleasant odour. The nārjit is then worshipped as Nārṣing, and sweetmeats offered to it, these being subsequently distributed to the children and other members of the household and the neighbours. Nārṣing's worshippers also wear a bahuti (amulet), containing a picture of him in the form of a man. This bahuti is of silver, and is worshipped like the nārjit. A ring, generally made of silver with a projection towards the nail, is also worn on the little finger in his honour and this too is worshipped. A special costume made for this purpose only is worn during this worship.

When a mother or mother-in-law worships Nārṣing, her daughter or daughter-in-law must also do so. Barren women consulting a chela or a jogi are usually advised to worship Nārṣing for offspring. He is believed to cohabit with the women in their dreams in the form of a Brāhman clothed in white, and aged from twelve to twenty years. When a woman is sick a chela is sent for to charm away the illness. If he says that Nārṣing’s anger has caused it he orders a baiṭhak. If she do not happen to have a bahuti, or the proper rings or clothes or a nārjit, the chela orders any of them that may be wanting to be procured before performing the baiṭhak. The ceremony of the baiṭhak is as follows:—On a Sunday, or any other fixed day, the chela comes with a baiṭri or singer of sacred songs, who plays on a dopatra, an instrument made of two tumbs (ascetic's bowl) connected by a bamboo rod. A wire runs along this rod fastened to its extremities so as to give out a sound when twanged. The baiṭri sings his song and the chela repeats his magic words, and then Nārṣing comes and shakes the body of the woman or of the chela. The tremors continue for two hours or more, during which time the man or woman into whom the spirit has entered tells the fortunes of those attending the baiṭhak. They are usually told to worship some deity who will cure the sick woman. While the patient or the chela keeps shivering with the force of the spirit in him, the baiṭri sings the following incantation, accompanying himself on the dopatra.

Mere Nārṣingā, Nanjanjīyā bīrā!
Bīren mohī boliyān; bīren mohī boliyān.
Bīren mohī boliyā jāg sārā.
Mere Nārṣinghā ho ' Naranjaniyā Ji!
KANGRA DISTRICT.

Nārsingh.

I.

Bhai Garh Mathrá bích janmen, Gokal líi sá atárá.

II.

Bhai Basudev diá bálakyý, Josodhán diá jáyá!

III.

Jithú kawárián kaníyán, tithú básá terá!

IV.

Amben amboten, khoen, pehnanden de basa tera!

V.

Páplen, paloten, mátiyá básá terá!

VI.

Súhí súhí pagri, kunján dí kaglí gul bích narmen dá jámá!

Refrain.

O my Nársing, O great Naranjan,
O thou that hast captivated me: O thou that hast captivated me:
O thou that hast captivated the whole world, O my Nársing.
O my Lord Naranjan.

I.

O friend, born in the fort of Mathurá, that didst become incarnate
in Gokula.

II.

O friend, and son of Vasudeva, the child of Yosodhá.

III.

Where the maidens and virgins are, there is thy home.

IV.

Thy home is in the mangoes, young mangoes, in wells, and in tanks:

V.

Thy home is in the pípals, young pípals, and jasmines.

VI.

Red and red is thy turban flowered and crested, fine the robes on
thy body.

Nársing, Nársingh, “Anár Singh is the Nrisinha avatáras of Vishnu,
but the above song is to Krishna, some verses of which are commonly
sung all over the Punjáb at the Rás Lólá, which commemorates the dance
of Krishna with the Gopís. This mixing up of the Nrisinha and Krishna
avatáras of Vishnu is very curious.”

An account of Kanya Devi, the daughter of Brahma Rájá, who
is worshipped at Munjeta or Pápmagara, will be found in Volume II,
Art. 668, of the same publication.

Amongst the minor places of worship are the graves of some
Muhammadan saints, who are curiously enough more venerated by
Hindús than by the Muhammadans themselves. There is one saint,
Báwa Fatta, near Ránitál who is particularly venerated. He is
supposed to have died about 200 years ago, and was said to have
been specially blessed by Sadhi Guru Guláb Singh, and given the
power of prophecy. He is also said to have by his prayers raised
to life Fateh Chand, the brother of Sansár Chand. To swear by his
name is considered a particularly solemn oath, and it is not
uncommon for parties in civil cases to challenge one another to take
it. Another shrine is that of Báwa Bhopat, near Lanj, where it is

(39) Colonel Temple among other notes writes: Anár Singh's vehicle is a male
white kid, called kudán, or the leaper. This is often kept for his use in many house
holds, and when it grows up it is sold and a new one bought with the exact pieces of
money realized by the sale." P. N. Q., Volume III, Section 85.
customary to present petitions in writing. A fee has to be given in advance, or at least an offering promised, should the request be granted. For instance, if there is a dispute about some land, one party will hurry to the shrine and promise an offering. The others will generally become alarmed and afraid that some calamity will overtake them. But should no compromise be made, and should some trouble befall the "defendants," of course it is ascribed to the wrath of Bhopat. The decrees passed by that individual are therefore usually ex parte, and it must be rather satisfactory to his attendants that they are subject to no appeal after the troublesome fashion of European Courts. There are a number of _tirthas_ in the district, and some of them are supposed to be of equal efficacy to Hardwar. There is specially one called the Sangam (Junction), where the streams Banganga and Gupatanga meet, close to Fort Kangra. This is considered as being as holy as the confluence of the Jumna and Ganges.

The Gugas are curious sheds which are not seen elsewhere. They contain a number of images, and are supposed to be specially efficacious for snake bites. The image of Guga is always that of a mounted horseman: the most noted in the District is that at Dwala, on the road from Jawalamukhi to Dera. Others may be seen at Baijnath and in many parts of the hills. The story connected with them is told as follows:—Somewhere in the Dakkan there were two sisters Bachla and Kachla, wives of a Chauhan Rajput named Dev Raja. They were without issue, and in the hopes of issue Bachla went one day to the shrine of Surakhnath: then she was promised that if she came again she would be given a fruit to eat and a child would be assured her. Kachla hearing of this went next day in the guise and dress of Bachla and received and ate the fruit. The next day Bachla went and found that her sister had stolen her blessing as Jacob did that of Esau. She was, however, given another fruit half of which she ate and half she gave the mare she was riding. To Kachla was born a daughter Gurgi, to Bachla a son, Guga, and the mare likewise had a foal. Guga and this foal were brought up together. When he came to man's estate Guga heard the fame of a beautiful maiden, and taking the horse (his foster brother) he went to woo her. For years he lived with her, being changed by day by the sorcery of the country to a sheep, and by night he re-assumed the form of a Raja. In his absence a pretender arose to the State, and attempted to force an entrance to the palace. The door-keeper

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(10) There is or was a man at Dharamsala who allows himself to be bitten by a poisonous snake once a year in the rainy season. It is said that he was first bitten by a cobra (kobra) and was carried to Kathipara Goga, a shrine of Guga Pir, and after praying for five days was cured, but that he was so ill before he reached it that he had lost his senses and the use of his eyes and limbs. This capacity for imbibing cobra poison once a year is not confined to one individual, but is claimed by several persons in the District. They never appear to become the worse for the ordeal. They are said to give out a peculiar colour, and to feel a kind of intoxication when the time for it comes round and then try as they may, they cannot escape it. After being bitten they recover in a few days. Some wise men say that this happens because the serpent that bites is a male. Punjab Notes, and Queries, Volume II, Section 999.
who had grown blind since Guga's departure refused him admittance and disbelieving his assertion that he was Guga insisted that on Guga's return he would receive his sight. Ultimately being hard pressed Gugri sent a letter by the hand of a Brahman to Guga in Bangaal. He realising the state of affairs abandoned his life of pleasure and with the help of the Brahman escaped from the sorcery that bound him. By the same aid the horse that had grown old and thin was restored, and Guga once more mounted his steed and departed. On his return home the door-keeper received his sight and Guga and Gugri both performed miracles of prowess in fighting and the former even fought for a time after he had lost his head. After death he was venerated as a god, and is always represented on horseback. Any person suffering from snake-bite is usually taken to a Guga, when the priest examines him, mutters incantations, and if he sees that it must be a fatal case, sends him away with the comfortable assurance that he has done something mortally to offend the local deity and cannot be forgiven. There are eight ngaa, of whom the most important is Shes Nag, who supports the world on his head. The others are Tak-hak, Basuki, Bajar Danshan, Kar Kotak, Hemmulli, Sankhu (or Dudhia, the milky snake) and Kalii Nag. The two latter are worshipped on Tuesdays, especially in Har and Sow : they protect crops from white-ants and rats and are offered milk, honey, he-goats, &c.

Famous places for the cure of snake-bite are Baba Shibu-ka-tham (in) in the Nûpur ìlaka, Saloh in Palampur and Tripul near Kangra.

After the Dwaali there is held in November a festival called the Nág-ka-Púja, at which an image of the Nág is made of gobar and worshipped. If a snake is seen after this it is called ŋingra (ungrateful) and killed.

At every marriage twigs from five trees are cut and brought by a gardener (mâli) and put into a bals (large earthen pitcher).
Among these plants are ḍk (*calotropis procera*), ḍhāk (*butea frondosa*), ḍm, (*mango*). This ceremony is called pāṇch-pātīb, or kals-ki-pājā, and consists in placing the twigs under a coconuot and covering them over with a red or yellow cloth, both in the bride’s and bride-groom’s house, and worshipping them.

The familiar tree-marriages of men who have lost two wives is made in Kangra with the dhīrīk or bākagun (*melia azedaracha*).

People who are childless regularly marry the tūlsī (*ocimum sanctum*) to Rāma, Vishnu, Krishna, &c., in the hope of having a child. If the birth of a child does not follow, then they much dread that a Yamāt, a messenger from Yāma, or evil angel, will harass them on their road after death.—*R. O. Temple*.

The Dandī Chairon, or *Damliou-ka-drota*, is supposed to be particularly fond of sticks. His effigy is placed under a *pipal* tree, and persons suffering from intermittent fever are accustomed to offer a couple of sticks about the size of nine-pins if they recover. Speaking generally, the larger number of temples seem to be devoted to Shiv, but the followers of Vishnu are also said to be numerous. There is only one Jain temple, and that is situated within the Fort, so that it is never visited by pilgrims. Local *devīs* are without number; 360 of them assembled at the founding of the Kangra temple.

At Apsara or Achaara Khand, two miles from Kot Kangra, is the shrine of Achaara Devī and Ganesh, where women bathe in the hope of offspring, dedicating their children’s hair to the shrine if their wish is fulfilled. Further very marked features of the hill religion is the *deot-sidh* stones to be seen by every wayside and before thousands of cottages. These stones are in the form of the impress of two feet. Tradition says that a *chela* of Surukhnāth used while pasturing cattle to drink their milk and the villagers in the evening always found their cattle dry. They went in their distress to a great miracle-worker who watched the lad and found out the truth. To get rid of him he threw away his stick and ordered him not to return till he had found it. But the boy’s power of finding it was greater than the master’s power of making it disappear and he found it at once. The miracle-worker finding that a greater than he had appeared sought to kill the lad, but he ran away and the hillside opened and admitted him. There is the head-quarters of his worship, in Hamārpur Tahsil, near Chakmoh village; and from there the worship spreads all over the neighbourhood. A light used to appear over the cleft and hence the word *deot* for *deera*. A common offering before the stones is a tiny rough wooden sandal.

The chief religious orders are the Gosāins and the Bhojkīs; at least these are the principal residents. Large numbers of *jogis santāsis*, &c., pass through the district, and some of them, such as the Bodha Pandits, reside; but none of such importance as to call for special notice.
Kangra District.

Food.

CHAP. I, C.

Population.

Christianity.

Occupations.

Table 10 of Part B.

The Church Missionary Society established a branch at Kangra in 1854. Besides evangelical work the English Missionary at Kangra superintends a school, supported by the Mission. (See Chap. III, Education). There is a small Mission Church at Kangra besides a school and Mission house and a branch of the Mission is established in Lower Dharamsala with a Chapel School and dispensary. The combined congregation numbers some 75 Native Christians. There are some Moravian missionaries in Kyelang and the American Presbyterian Mission has a dispensary at Ani in Outer Saraj.

Kangra is the most agricultural District in the Province. Out of its total population 586,255 persons or 77 per cent. are directly dependent upon agriculture. Agricultural occupations are discussed in Chapter II A. below.

Of the artificial industries that in cotton is the most important. Workers in iron and hardware (1,745) and plough and agricultural instrument makers (623) return very small figures in comparison with the population; to the carpenters (1,750, actual workers) should be added the 2,022 "owners, managers and superior staff" of carpentry works who, as the column for operatives in the same is blank, are obviously only Tarkhans writ large.

"The chief staples of food are maize and wheat. In the rice-growing valleys the people subsist for the greater part of the year on rice; but in the poorer uplands coarse millets (mantil and sanik) form a portion of their diet. Maize is a very favourite grain, and from September till May is in constant consumption. After that period the wheat harvest is matured, and for the remaining six months of the year wheat meal is the common article of diet. In the rice countries the people reserve the clean unbroken rice for sale, retaining the chipped pieces for their own use. So also unmixed wheat is disposed of to the grain-dealer, and mixed barley and wheat (the two are commonly sown together, the crop being called goji) is kept for home consumption. The agricultural classes have usually three meals a day. Before going to their morning work the men partake of some bread reserved from the evening repast. This is called dhatiálo or máthári. At twelve o'clock is the first full meal generally partaken by all the household, consisting of rice, or rice and díl (split pulse, usually naríl or kalhi), or cakes made of wheat or maize. In the evening there is a supper, according to taste, in which, however, rice seldom appears. In most parts of the hills the people can secure fish, which generally forms a constituent of their diet. On festive occasions they will kill a goat, which they consider very superior to mutton. Linseed oil and rape oil are also used instead of ghi by the poorer classes, but most families can now afford the latter luxury. Punjab rock salt is mostly used, but the coarse Mandi salt is still used by the poorer classes in many places. The latter salt is dissolved, and the brine, after being refined from the earthen particles, is mixed with the food it is intended to season."

"Tobacco is in very general use among men and women alike, though in the higher ranks of life the women afford
There is a prejudice against onions and carrots, which no Hindu, except of the lowest class, will touch. Turmeric is a condiment in large request and is seldom absent from any meal in the household of those who can afford it. The Ghirths, and all the Sidra tribes, together with the Bhojus and Gaddis, are great consumers of wine. No other class will openly acknowledge its use, though many drink it secretly.

"The ordinary clothing of a man of the poorer classes consists of a skull cap (topi), a frock reaching to the waist (kurti), or a similar but longer garment, called a cholu, reaching to the knees, and short breeches (kuch). In addition to these, the peasant usually carries with him a blanket (palan), which in hot weather he twists as a turban to defend his head from the sun, and in the winter uses as a wrapper. The frock and breeches are usually made of cotton woven by the village weaver, and cut and sewn into shape by the village soi or tailor. The palan is of home-spun texture, woven generally in alternate squares of white and black wool, the only variety being in the size of the squares. In the rains, people travel barefoot, as the wet weather spoils their shoes but in all other seasons they usually possess a pair of shoes (juta). Among the higher classes the clothes of both sexes are usually made of English fabrics, and formed into shapes to suit the fashion or the pleasure of the wearer. The only peculiarity is that the kurti is commonly retained by all. The head-dress gives the best opportunity for a display of good taste or love of finery. Two or more turbans of different colours are often artistically mixed together, and bound round the head so as to display the colours to advantage, and to fall in heavy yet graceful folds over the right ear. The usual mixture is a red ground with a white exterior turban, and the effect is always becoming. Like all other fashions, it is sometimes ludicrously exaggerated, and a hill dandy has been observed with as many as seven turbans of different hues, not very judiciously chosen, wrapped round his head. The hill people are also very fond of wearing coloured vests and scarfs. They also adopt the effeminate habit of wearing earrings of gold, graced sometimes with pearls; and those who can afford it will display gold or silver bracelets, and necklaces of alternate bead and gold."

"The female dress is picturesque. On ordinary occasions a Hindu woman wears a petticoat (ghagra), a choli, which covers the breast, and the salwaar, or long trousers, with a dupatta, or mantle, to form the head-dress. In the winter they adopt a gown, made ordinarily of a coarse chintz, called durn, which covers the whole body, fitting close round the neck. For ordinary wear these garments are made of the simplest colours, and are modest and becoming, but on gala days, though the cut of the garments is the same, the texture and colours are strikingly altered. The border of the petticoat adorned with patterns printed in silver or gold, or the whole for

(43) The topi is largely yielding to the pagri.
garment is made of streaked colours tastefully associated. The plain white dopatta, or mantle, gives place to a pink or yellow scarf. The choli is made of equally gay material, and the person is ornamented with jewellery. The nose ring, or bâln, is the most common ornament. With the exception of unmarried girls and widows every woman displays this piece of finery, which is a sign of married life, and shows that the wearer still rejoices in the society of her husband. Except in the lower classes the bâln is made of gold, and its circumference is limited only by the taste of the possessor. The Ghirth women are very fond of a profusion of necklaces of coloured glass, or pieces of porcelain (kaeh) and beads, the vegetable produce of the forest. Muhammadan women dress with less taste and in more sombre colours. They never wear the ghagra, or petticoat, and very seldom the dorr, or gown, but restrict themselves to loose trousers and a mantle. Another dress, called peshwâz is a cotton gown of very light texture, almost approaching to muslin, and made of various gay colours. The use of this, however, is confined to the higher ranks of life."

"The houses of the peasantry are scattered in pleasant and picturesque localities, not congregated into villages. Every man resides upon his own farm and builds his cottage in some selected spot, open as a rule to the sun, and yet sheltered from the wind. The house is of sun-dried brick, having generally two storeys. The inmates occupy the lower floor, the upper being used during the greater part of the year as a lumber-room or store-room for grain. During the rains the upper room is used for cooking and in many cases as a sleeping room, the whole family occupying it at night in order to escape the close and unhealthy air of the ground floor. The upper roof is generally made of thatch, thick, substantial, and neatly trimmed, but of late years slates have been extensively used. The outside walls are plastered with red or light coloured earth. The front space is kept clean and fresh, and the whole is encircled by a hedge of trees and brambles, maintaining privacy and affording material for repairs. On one side of the cottage is the shed for the cows and bullocks, called krîhal, and another building containing the sheep and goats, styled the urî. If the owner of the farm be a man of substance, he will probably possess a buffalo or two; these are penned in separate tenements called menhâr. The thatch of the cottage is renewed every third year; and in parts where grass is plentiful, a fresh covering is added annually. The ridge-pole is made of tun, sisu, ohi, or fir. The harar, bahera, and pipal are avoided on various superstitious grounds, while the siris (Acacia sirrisa) is reserved exclusively for the dwellings of râjas or of gods. No ordinary person is allowed to apply the wood to his own purposes. Every year, in the season of the Maundhra in September, the cottage is replastered inside and outside, a labour which devolves upon the women in all but the highest castes. On the occasion of a marriage too the bridegroom's house is always adorned with some fresh gay-coloured plaster."
"The entrance to the cottage is usually to the east or to the south; but there is no general law, and the favourite position varies in different parts of the district. The west, however, is superstitiously eschewed. Again, should a neighbour design his cottage so that the ridge-pole of his roof crossed at right angles with the entrance of another cottage, there would be an appeal to the District Officer to prevent so unlucky an arrangement; for the hill people have a general superstition that some disaster would be sure to befall the owner of the house thus menaced. The Rájpúts and Bráhmans always occupy the highest and most secluded parts of the village area. It would not be tolerated for a man of low caste to raise his dwelling on any eminence which should overlook the cottages of those of higher birth. The entrance to the cottage is secured by a wooden door, and during the absence of the household is fastened outside by a lock. In the houses of the higher castes it is not unusual, for the sake of additional privacy, to build the cottages of the homestead in the form of a quadrangle, the windows and doors all facing inwards."

With respect to the distribution by houses and families, the Deputy Commissioner wrote, when discussing the Census of 1881:—

"The word 'house' as used in the Census cannot, for this district at least, be regarded as having much statistical value. It would be very misleading to quote it in the usual sense as showing the actual number of buildings in existence. The definition of a family as being those who eat at the same cháulha seems quite satisfactory. In many of the hamlets it is customary for different members of the family as they marry to occupy or build a little cottage close to the others, but though they often have a common courtyard, yet it seems customary in this district for them to have their separate cháulhas. In former times the family bond appears to have been much closer than now-a-days. In the times of Mr. Barnes it was customary for the head member of the family to be entered as owner of the lands, though many others were entitled to shares. But this is no longer the case, and as soon as the younger brothers come of age they will separate from the family."

"The interior of the domicile is furnished generally in the simplest style. In the Sikh time the agricultural classes used earthen vessels for the preparation of their food; either their means seldom allowed them to possess utensils of more costly fabric, or they were afraid to show such substantial signs of comfort. Under British rule every house has its set of vessels made of brass, copper, or other metal, according to the prevailing custom. In the winter, the women plait mats of rice straw (bindi), which are laid down over the floor of the room. They construct also a sort of quilt stuffed with pieces of old clothes. This is called a khipda and is used indifferently as a coverlet or as a mattress. A hukka, a few dried herbs, and a wicker basket suspended from the roof containing bread and other articles necessary to be secured from the depredations of cats and vermin, constitute the remaining furniture of the household."
CHAPTER II.—ECONOMIC.

Section A.—Agriculture.

The rainfall of the District is, as a rule, abundant, and during the ten years ending 1899 half the kharif crops were good, while in none of the remaining five years was there a failure, nor was the area sown largely restricted. Rice suffered only once, and though maize suffered five or six times, the outturn in a good year is so heavy as alone to tide the people over a year’s drought. The kharif crops are sown in May and June and harvested in October; if the spring rains continue too late the harvest suffers from the ground being sodden at sowing time, while excessive rain in September is injurious, especially to the maize crop. The rabi crops are sown in October and November and reaped in April; they are apt to suffer from the Christmas rains coming late, and in the higher lands from the snow lying late on the fields. Excessive rain in February and March is also injurious. During the ten years ending 1899 there were five good rabi crops, one fair, two poor; in one the area sown was restricted, and one, that of 1891-92, was a failure.

The people distinguish between lands lying close to or at a distance from the homestead, and between lands which yield one or two crops in the year. The diversities of hill and valley naturally produce considerable differences of soil, but the varieties are seldom found commingled in the lands of a single village, each kind of soil being usually spread over an extensive tract. Just as the talūkas divisions followed the natural features of the country, so each variety of soil is usually found within similar limits. For example, the soil of the Kangra valley is of much the same character in all the low-lying villages, and in the adjacent hills of Bagriwala the soil of one village closely resembles that of another, but between the valley and the uplands there is a marked difference in the soils. Among talūkas, however, the differences are often very marked. Thus in Kangra Tahsil the subsoil rests on beds of large boulders, which have been washed down from the main ranges, and the upper stratum consists of disintegrated granite, mixed with detritus from later formations, and is exceedingly fertile. In this soil trees grow luxuriantly, rice and tea are cultivated, and, with the assistance of manure, all the more valuable staples can be grown. In the vicinity of the secondary ranges, the soil though of excellent quality is less rich, being composed of stiff marls mixed with sand, which form a light, fertile mould, easily broken up and free from stones. This soil is found in the upland villages of Tahsils Dera and Nārpur and a narrow belt of it runs south-east, across Hamirpur Tahsil, from Changar Balihar to the Sutlej. Throughout this tract the hillsides are well forested, and fine trees are scattered amidst the cultivation; sugarcane, cotton, rice, wheat and maize are the main products. A third variety of soil is found wherever the tertiary formation
Agriculture

Agriculture and arboriculture.

General aspect of cultivation.

appears and especially in the south of Núrpur and Mahal Mori, Tirra and Lower Rájgírī in Hamírpur Tahsil. It is a cold reddish clay of small fertility containing a quantity of loose water-worn pebbles. In this soil there are but few trees, and the hillsides seldom produce anything but rank grass, while the cultivation is limited almost entirely to grain and the poorer kinds of pulse.

The cultivated area is divided into fields, generally open and unenclosed, but in some parts surrounded by hedges, or stone walls about four feet high. Round the cottage of every cultivator there is a small plot of land fenced in with shrubs and trees. This enclosure is called the básico or lalhrí and being close to the homestead is cultivated like a garden. The size and appearance of the fields vary considerably. In the Káŋgra Valley, where rice cultivation prevails, the fields descend in successive terraces levelled and embanked with slight ridges to retain the water. The necessity of preserving an even surface restricts their size, and under the hills, where the slope is rapid, some of the fields are smaller than a billiard table.

Lower down the valley, the slope is more gradual and the fields are larger. Rice beds, however, are invariably small. Near Núdaun the contours are broken even in the valley, and the fields vary in shape and size. In the west of Tahsils Dera and Núrpur, where the country is less broken, the fields are larger and are protected either by stout hedges, or by light walls. These hedges are impassable except where a break, usually kept blocked with loose dry thorns, has been left. Here the broad sloping fields, red soil and thick green hedges are charmingly suggestive of a Devonshire landscape. Elsewhere the scenery has a tropical aspect. In many parts and notably in the Káŋgra Valley, wide areas bear a double harvest. Speaking of the three taluías of Riblú, Káŋgra and Pálam, which occupy the valley below Dhármsála, Mr. Lyall said: "Live there (at Dhármsála) a year, and you see the whole surface of the valley change twice from green to yellow with marvellous rapidity. Not a break in the sheet of cultivation is to be noticed, and before one harvest is completely cut, a light shade of green shows that in other fields the next is already sprouting."

Mr. Barnes thus summarizes the agricultural capacity of the people:

"Coupling the circumstance that each man resides upon his tenure with the narrow space that tenure comprises, we should naturally expect to find a careful and elaborate system of husbandry: for if every occupant made a fair use of his time, and took proper advantage of his position, every field in so small an allotment should be tended like a garden, and the appearance of the cultivated country should be neater and better ordered than almost any other agricultural district. As a general rule I am afraid the reverse of this picture must be admitted. The people are not so industrious nor so proficient as their brethren in the plains; their

General system of agriculture. Barnes, § 230.

(1) As to the actual proportion of defáší soil and the nature of the distinction between defáší and defáší see below.
implements are more primitive; many improvements universal below, such as the drill plough, the chaff-cutting apparatus, &c., are quite unknown to them. Their cattle are a poor breed, and the ploughing given to the soil is superficial and slovenly; the weeding is put off until the crop is endangered; and then the tops only are nipped while the roots are left to encumber the ground. The only redeeming point in their system is the diligent application of manure, and even this circumstance is rather an evidence of their general slothfulness. It is a lazy substitute for more laborious appliances. It is easier to stimulate nature with a few loads of manure, than to pulverize the soil with incessant ploughing, and to jealously eradicate the semblance of a weed.”

The number of ploughings differs with each kind of produce. For sugar or cotton the land is ploughed ten or twelve times before the seed is sown. Wheat and barley usually require three ploughings, and the coarser grains according to their worth. Some seeds, like linseed and peas, are thrown into the ground without any preparation at all. The plough, drawn by oxen, is driven through the soil at a depth of about three inches; the ground is not turned over as in English ploughing; and the ploughman, when he reaches the end of the field, returns upon almost the same track: the field looks as though it had been harrowed rather than ploughed. The second ploughing usually follows the lines of the first, but about Nūrpur the better method is followed of ploughing across the first furrows. After ploughing, the clod-crushers with heavy clubs reduce to dust any lump which has escaped the plough. Lastly comes the māhī, a heavy horizontal beam of wood, which is dragged laboriously by bullocks over the field, to render its surface smooth and ready for sowing. It is then again ploughed over; and the sower follows the furrow, throwing the seed from right to left, and discharging his handful in five casts. When the whole field has been sown the māhī is again used to level the surface.

For wheat and the other spring crops, weeding with hoes is never practised. After rain, if the soil has hardened round the young shoots, the soil is loosened with the harrow, and just before the crop ripens the weeds are pulled out by hand and given to the cattle. But after the heat and rains of autumn each crop requires two or three weedicns with the hoe. Sugarcane and cotton are weeded as often as grass appears, and the plants themselves have to be thinned. In reaping, the corn is cut down near the root and tied up into small sheaves, fifteen or twenty of these being gathered into a bundle, and carried to the threshing floor or kṣuva. This is always in the open, generally at the corner of a field. It is round and enclosed with stones: the floor is either paved with large flags, or constructed of well-rammed earth, smoothed over with fine clay and cowdung. The corn is trodden out by oxen, unscripturally muzzled, and the bruised straw is given to the cattle to eat. The practice of cutting it into chaff is not known in the hills; and what the cattle refuse is kept for litter, or thrown on the dung-heap. Maize alone is threshed by hand, as its hard cobs bruise the feet of the cattle or
make them bleed. The floor is screened with blankets to prevent any grain being lost, the cobs being gathered in a heap and beaten out by one or two men with straight sticks (usually of bamboo), while two or three others sit in the centre and throw back the heads driven out of the range of the blows.

A plough drawn by a pair of bullocks in ordinary soil will plough about four kanals (about three-eighths of an acre) in a day. If the soil is hard and stiff, half this is a good day's work. In heavy rice-land the strain upon the bullocks is so great that they never last more than three or four years, and it is not unusual for cattle harnessed to the plough to fall dead under the yoke.

The agricultural implements of the people are few and simple. They differ little from those used in the plains, but the drill plough is unknown.

The following list gives the implements in common use with their vernacular names:

<table>
<thead>
<tr>
<th>Vernacular name,</th>
<th>English description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hal and Lohála</td>
<td>Plough and ploughshare</td>
</tr>
<tr>
<td>Máhi</td>
<td>A heavy horizontal block of wood dragged by oxen, for smoothing the surface of a field.</td>
</tr>
<tr>
<td>Mach</td>
<td>Similar to the above but curved in shape, and used only on muddy lands.</td>
</tr>
<tr>
<td>Dándráil</td>
<td>A harrow with eight or ten bamboo teeth dragged by oxen, used for opening the soil round the young corn.</td>
</tr>
<tr>
<td>Mánja, Kodál and Kodálì</td>
<td>Hoes for weeding.</td>
</tr>
<tr>
<td>Bhukrán or Kathela or Bharota</td>
<td>A wooden club used for crushing stiff clods of earth.</td>
</tr>
<tr>
<td>Traingúl</td>
<td>A three-pronged pitchfork</td>
</tr>
<tr>
<td>Darántì</td>
<td>A small hook</td>
</tr>
<tr>
<td>Khabar dránti</td>
<td>A hook with teeth like a saw to cut long grass.</td>
</tr>
<tr>
<td>Káhí or Kassí</td>
<td>A mattock</td>
</tr>
<tr>
<td>Rambha</td>
<td>A small iron instrument for digging up grass roots and all weeds.</td>
</tr>
<tr>
<td>Kutháru or Chihon</td>
<td>Axes for cutting wood</td>
</tr>
</tbody>
</table>

The agriculturist usually gets the wood for these implements either free or at a nominal cost, and all he has to pay for is the iron part of the implement, and the labour of cutting and shaping the wood.

The figures in the margin as to the use of manure, and the number of crops obtained a year, were furnished to the Famine Report of 1879 (page 253). It was there also stated that the average weight of manure per acre was 150 maunds on land constantly and 55 maunds on land occasionally manured.
Kangra District.] Dofasli Lands. [Part A.

However sceptical the hill people may be of the advantages of deep ploughing and constant weeding, they are fully alive to the importance of manuring their lands. Their rule appears to be that, if manure is available, other toilsome precautions may be disregarded, while, if manure be wanting, the task of coaxing the soil into fertility is hopeless. The dung-heap stands at a decent distance from the homestead, generally in the corner of a field, and all the refuse of the household is carefully carried to it; at night the cattle pens are strewed with a litter of grass or branches, which in the morning is thrown upon the dung-heap; if travellers halt near the homestead, the refuse of their camp is collected and added to the dung-heap; the heap is scattered over the fields twice a year. Land nearest to the cottage, in which the finer staples are generally grown, receives the most, and yields two harvests a year; outlying fields will occasionally go without; but no soil will maintain its productive powers for more than three crops without artificial stimulus; and for distant fields, the only alternative is to let them lie fallow. The most valued manure is the dung of sheep and goats. When winter sets in, and the flocks come down from Chamba, the people compete with one another, and a cultivator will give two or three rupees a night for the privilege of having the sheep folded upon his land. Night after night the shepherd changes his ground, and before the harvest is sown reaps a small fortune.

Rotation of crops is not neglected. Even in this rice-growing District of Kangra, where every year presents a monotonous surface of rice, there are minute changes imposed by experience. The field that bears one variety of rice this year will be sown with another the next, and a third the year after that. Sugarcane is followed by cotton, and cotton by maize, before sugar will recur again. But the supplies of seed are drawn everlastingly from the same store, and the agriculturist of these parts has no idea of giving his fields the benefit of imported seed.

The large proportion of dojasli land is a striking feature of the cultivation. In 1902-3 out of 569,604 acres on which crops were grown as many as 309,226 bore two crops, while of irrigated land 89,585 out of 112,168 were dojasli. In the valley overlooked by Dharamsala which contains the talukas of Palam, Kangra and Rihiti, if the upland areas of certain villages be excluded, the fields which do not produce a double harvest are exceedingly few. In some highly cultivated villages a custom exists by which certain fields are left fallow in the autumn harvest to give the cattle a place to stand in during the rains. Under native rule this custom was enforced, whether the proprietors agreed or not. A suit to enforce it, brought by the majority of the landholders in a village, came before Mr. Lyall during Settlement: the minority who owned the fields pleaded that it was hard that they should be prevented from

(3) These figures are taken from the jindwâr returns,
turning their land to the best account for the benefit of others: the petitioners replied that these fields had always been subject to this custom; and the old fixed demand in grain, upon which the assessments were based, was lighter on them on that account; and a panchayat, to whom the case was referred, found in favour of the enforcement of the custom. The great autumn crop in this valley is rice. The spring crop in the valley consists almost entirely of wheat, barley (or a mixture of the two), and flax. More than half the wheat and barley grown on dosasi lands belongs to the Kangra pargana, and nearly four-fifths of the flax. These dosasi crops of wheat, barley, and flax in the Kangra rice-lands are very poor; they do little more than supply the proprietors with enough oil and flour for their own household consumption.

The great majority of the people are agriculturists cultivating their own lands. Generally in the lower hills the women take no part in agriculture. They confine themselves to making bread, fetching water, &c., and all the field work devolves upon the men. About Kangra, however, the population consists of a lower and strictly agricultural class, and here the women work as hard, if not harder, than their husbands. The men plough and harrow, sow, and thresh out the corn, while the women carry out and spread the manure, crush the clods, weed the fields, and carry home the harvest. The Gaddis have most of them settled homes with some land attached to them, and part of the family remain at home to cultivate it, while others take the flocks, in which their wealth principally consists, to their "runs" in the plains in the winter and across the snowy range to the tracts they call Gaddervan in the summer.

Of the persons dependent on agriculture the vast majority (484,670) are owners, nearly all self-cultivating, only a small number (21,000) being rent-receivers. There are only 12,690 cultivating occupancy-tenants. Tenants-at-will number (45,792) and partners and sub-tenants 27,258. Thus out of the total population supported by agriculture 82 per cent are owners and only 18 are tenants. In addition to the above numbers 16,827 persons are partially supported by agriculture, thus raising the percentage of the whole agricultural population to 84 per cent.

Agriculture also supports 9,698 agricultural labourers and farm-servants, and 5,992 labourers on tea-plantations. It would appear from these figures that the agricultural labourers are very few considering the numbers directly supported by agriculture, but as mentioned above the women of all classes of agriculturists, except the Rajputs and Brahmans, in most parts of the District work in the fields and there is thus no necessity for labourers.

The employment of labour, other than that of the proprietors or tenants, formed one of the subjects dealt with in the Famine

(5) In the tahsils of Kangra and Palampur, out of a total kharif area of 127,630 acres, rice occupied 66,840.
Report of 1879; and no hired labourers were reported to exist in the District. This, however, appears to be incorrect, as the káma or farm servant is commonly employed by high caste and owners, or persons engaged in trade, who will not condescend to manual labour. In former years the káma received his board and lodging, and at most eight annas a month and a suit of clothes every year; but as early as Mr. Lyall's Settlement his wages had doubled. Occasional labourers who receive wages in grain are not unknown.

The village menials are first the tarkhán and lóhár; as a rule, the same man is both carpenter and blacksmith, repairs roofs and mends implements, for which he is generally paid in grain. The chámár is the shoemaker, and in addition to grain takes the hides of dead cattle for making shoes, &c. Náîs (barbers) and chímbás (washermen) are paid in grain. But none of these has fixed perquisites, and their duties and remuneration vary in different parts. The vákha (forest-guard), and the kohli (who has the mending and maintaining of kúls or watercourses) are village officials who are paid by grain contributions levied upon each house, plough or ghumáo of land held.
The following is a list of the principal staples of each harvest:

### RABI CROP (SPRING)

<table>
<thead>
<tr>
<th>Vernacular</th>
<th>English</th>
<th>Botanical</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanak</td>
<td>Wheat</td>
<td><em>Triticum vulgare</em></td>
<td>Cereals</td>
</tr>
<tr>
<td>Jau</td>
<td>Barley</td>
<td><em>Hordeum haevastichum</em></td>
<td></td>
</tr>
<tr>
<td>Chola</td>
<td>Gram</td>
<td><em>Cicer arietinum</em></td>
<td></td>
</tr>
<tr>
<td>Mohor or Maar</td>
<td>Lentil</td>
<td><em>Ervum lenta</em></td>
<td></td>
</tr>
<tr>
<td>Matar, Kalān</td>
<td>Pea</td>
<td><em>Pisum arvense</em></td>
<td></td>
</tr>
<tr>
<td>Sem</td>
<td>Bean</td>
<td><em>Faba vulgaris</em></td>
<td></td>
</tr>
<tr>
<td>Saron or Sarson</td>
<td>Rape-seed</td>
<td><em>Sinapis ambrosia</em></td>
<td></td>
</tr>
<tr>
<td>Alsi</td>
<td>Flax</td>
<td><em>Linum usitatissimum</em></td>
<td></td>
</tr>
<tr>
<td>Kasambab</td>
<td>Safflower</td>
<td><em>Carthamus tinctorius</em></td>
<td>Oil-seeds</td>
</tr>
<tr>
<td>Ori or Rai</td>
<td>Mustard</td>
<td><em>Sinapis ambrosia</em></td>
<td>A dye</td>
</tr>
</tbody>
</table>

### KHARIF CROP (AUTUMN)

<table>
<thead>
<tr>
<th>Vernacular</th>
<th>English</th>
<th>Botanical</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dhan</td>
<td>Rice</td>
<td><em>Oryza sativa</em></td>
<td>Cereals</td>
</tr>
<tr>
<td>Chali, Kukri</td>
<td>Maize</td>
<td><em>Zea mays</em></td>
<td></td>
</tr>
<tr>
<td>Mandal</td>
<td>Millets</td>
<td><em>Eleusine coracaria</em></td>
<td></td>
</tr>
<tr>
<td>Sank or Jhandir</td>
<td>Millets</td>
<td><em>Panicum frumentosum</em></td>
<td></td>
</tr>
<tr>
<td>Chña</td>
<td>Millets</td>
<td><em>Panicum riliacum</em></td>
<td></td>
</tr>
<tr>
<td>Kangni</td>
<td>Millets</td>
<td><em>Setaria italica</em></td>
<td></td>
</tr>
<tr>
<td>Kodra</td>
<td>Millets</td>
<td><em>Eleusine Coracana</em></td>
<td></td>
</tr>
<tr>
<td>Bāthu</td>
<td>Buckwheat</td>
<td><em>Chenopodium album</em></td>
<td></td>
</tr>
<tr>
<td>Amaranth Kāthu, Bhares</td>
<td></td>
<td><em>Pogogyrum esculentium</em></td>
<td></td>
</tr>
<tr>
<td>Sariara Silyal</td>
<td></td>
<td><em>Amaranthus Anardana</em></td>
<td></td>
</tr>
<tr>
<td>Jawar</td>
<td>Great Millet</td>
<td><em>Sorghum vulgare</em></td>
<td></td>
</tr>
<tr>
<td>Bājra</td>
<td>Spiked Millet</td>
<td><em>Pennisetaria vulgare</em></td>
<td></td>
</tr>
<tr>
<td>Māh</td>
<td>Pulses</td>
<td><em>Phaseolus radiatus</em></td>
<td></td>
</tr>
<tr>
<td>Māngi</td>
<td>&quot;</td>
<td><em>Phaseolus aureus</em></td>
<td></td>
</tr>
<tr>
<td>Moth</td>
<td>&quot;</td>
<td><em>Phaseolus azopatifolius</em></td>
<td></td>
</tr>
<tr>
<td>Arhar, or Dhíngra</td>
<td>&quot;</td>
<td><em>Cajanus bicolor</em></td>
<td></td>
</tr>
<tr>
<td>Kándi</td>
<td>&quot;</td>
<td><em>Do</em></td>
<td></td>
</tr>
<tr>
<td>Rong</td>
<td>&quot;</td>
<td><em>Dolichos sinensis</em></td>
<td></td>
</tr>
<tr>
<td>Kníth</td>
<td>&quot;</td>
<td><em>Dolichos uniformis</em></td>
<td></td>
</tr>
<tr>
<td>Kapáh</td>
<td>Cotton</td>
<td><em>Gossypium herbaceum</em></td>
<td></td>
</tr>
<tr>
<td>Khamaní</td>
<td>Sugarcane</td>
<td><em>Saccharum officinarum</em></td>
<td></td>
</tr>
<tr>
<td>Til</td>
<td>Hemp</td>
<td><em>Seinaea orientale</em></td>
<td></td>
</tr>
<tr>
<td>San</td>
<td></td>
<td><em>Crotalaria juncea</em></td>
<td></td>
</tr>
<tr>
<td>San Kokra</td>
<td></td>
<td><em>Hibiscus cannabin</em></td>
<td></td>
</tr>
<tr>
<td>Haldi</td>
<td>Turmeric</td>
<td><em>Curcuma longa</em></td>
<td></td>
</tr>
<tr>
<td>Kachír</td>
<td></td>
<td><em>Curcuma sp.</em></td>
<td></td>
</tr>
<tr>
<td>Adra</td>
<td>Ginger</td>
<td><em>Zingiber officinal</em></td>
<td></td>
</tr>
<tr>
<td>Shakarkandi</td>
<td></td>
<td><em>Batatas edulis</em></td>
<td></td>
</tr>
<tr>
<td>Kachál, Ghandiali, and Arbi,</td>
<td></td>
<td><em>Colocasia himalensis</em></td>
<td></td>
</tr>
</tbody>
</table>

### MISCELLANEOUS AND GARDEN PLANTS

<table>
<thead>
<tr>
<th>Vernacular</th>
<th>English</th>
<th>Botanical</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tamákú</td>
<td>Tobacco</td>
<td><em>Nicotiana tobacum</em></td>
<td>Seeds used</td>
</tr>
<tr>
<td>Dhania, or Bún</td>
<td>Coriander</td>
<td><em>Coriandrum sativum</em></td>
<td>for alternatives, seasoning, &amp;c.</td>
</tr>
<tr>
<td>Sonf</td>
<td>Anise</td>
<td><em>Pimpinellium tinnum</em></td>
<td></td>
</tr>
<tr>
<td>Kāneni</td>
<td>&quot;</td>
<td><em>Chicoreum p.</em></td>
<td></td>
</tr>
<tr>
<td>Sowe</td>
<td>Fennel</td>
<td><em>Feniculum panormorum</em></td>
<td></td>
</tr>
<tr>
<td>Pipal</td>
<td>Capsicum</td>
<td><em>Capsicum frutescens</em></td>
<td></td>
</tr>
<tr>
<td>Podina</td>
<td>Mint</td>
<td><em>Mentha viridis</em></td>
<td></td>
</tr>
</tbody>
</table>
### Spring crops.

**MISCELLANEOUS AND GARDEN PLANTS—concluded.**

<table>
<thead>
<tr>
<th>Vernacular</th>
<th>English</th>
<th>Botanical</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ilaichi</td>
<td>Cardamom</td>
<td><em>Alpinia cardamonum</em></td>
<td></td>
</tr>
<tr>
<td>Joain</td>
<td>Fenugreek</td>
<td><em>Trigonella fagnum grevum</em></td>
<td></td>
</tr>
<tr>
<td>Mitbra</td>
<td>Lupe</td>
<td><em>Luffa acutangula</em></td>
<td></td>
</tr>
<tr>
<td>Ghadr or Ghi Gandoli</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dali or Ghi Gandoli</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gadi</td>
<td>Lupe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kareda</td>
<td>Momordica</td>
<td><em>Momordica charantia</em></td>
<td></td>
</tr>
<tr>
<td>Petha</td>
<td>Cucurbita</td>
<td><em>Cucurbita pepo</em></td>
<td></td>
</tr>
<tr>
<td>Kadu</td>
<td>Cucumbia</td>
<td><em>Cucumbia sativus</em></td>
<td></td>
</tr>
<tr>
<td>Khira</td>
<td>Cucumber</td>
<td><em>Cucumbia sativus</em></td>
<td></td>
</tr>
<tr>
<td>Khabubaza</td>
<td>Melon</td>
<td><em>Cucumbia maxima</em></td>
<td></td>
</tr>
<tr>
<td>Pandol</td>
<td>Trichosanthes anguina</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kakri</td>
<td>Cucumbia</td>
<td><em>Cucumbia melo</em></td>
<td></td>
</tr>
<tr>
<td>Baingun</td>
<td>Solarium</td>
<td><em>Solarium melongina</em></td>
<td></td>
</tr>
<tr>
<td>Alü</td>
<td>Potato</td>
<td><em>Solarium tuberosum</em></td>
<td></td>
</tr>
<tr>
<td>Mfil</td>
<td>Radish</td>
<td><em>Raphanus sativus</em></td>
<td></td>
</tr>
<tr>
<td>Piöz</td>
<td>Onion</td>
<td><em>Allium cepa</em></td>
<td></td>
</tr>
<tr>
<td>Chah</td>
<td>Tea</td>
<td><em>Thea virginis</em></td>
<td></td>
</tr>
</tbody>
</table>

Wheat and barley are grown in all parts. Of the several kinds of wheat the bearded and the beardless, the full white and the flinty red varieties are the most common. Wheat grows best in the *talúkas* of Mori, Rájgíri and Nádaun, where the soil of the tertiary hills seems congenial to it. The produce on the granitic soil of the upper valleys, on the other hand, is always poor and thin. Barley flourishes in Tahsil Dera and all along the base of the snowy range. The harvest takes place later than in the plains, varying with the elevation, and the crops in the outer ranges will be yellow and ready for the sickle, while the fields about Kangra are quite green; and in the lower portion of the valley will be cut and carried a month before the grain is ripe in Pálam. From the beginning of April till the end of May, there is a succession of harvests, and in the remote *talúka* of Bangálhal, where wheat is unknown, barley does not ripen till July.

Wheat and barley are frequently sown together, and the produce of the mixed crop is usually reserved for local consumption, the unmixed grain being sold for export. Of minor spring crops, the most important are:—Gram, lentils, peas, oilseeds (including flax), tobacco and safflower. Gram is never grown in Tahsils Kangra and Dera where its place is taken by lentils, field peas and beans, but is confined to the less favoured soils of Núrpur and Hamúrpur. There is a belief, current in the hills, that a gram field attracts lightning; and certainly after a thunder-storm, whole fields may be seen scorched as if by fire. Gram is often sown with wheat or barley, or with the field pea, but the produce is easily separated. The ears of wheat or barley overtop the gram, and can be reaped independently, but the wheat cannot be separated from the barley. Peas and gram are plucked and winnowed together, and subsequently sorted by shaking on a tray, the round pea rolling to one side, and the

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*(4) These mixed crops are known as berrar.*
angular gram remaining on the other. Sarseon (rape) is grown universally as an oil-seed, being for the most part confined to the fields which are close to the homesteads. Flax is grown in the Kangra Valley. Little care is bestowed upon its cultivation, the seed being simply thrown between the stubbles of newly cut rice. The crop is very poor but suffices to supply oil for local use. The oil has a peculiar property of drying. Safflower is grown in the Hamirpur and Nâpur Tahsils and also in taluka Mângarh of Dera.\(^{(1)}\) Haripur is famous for its safflower. Elsewhere in the hills the people only grow enough for their own wants but Mângarh supplies all the dyers of the neighbourhood. The safflower thrives best on upland soils, and is sown by itself. Planted sparingly and carefully weeded it attains a great size. Tobacco is grown in the Haldun of Dera and in river side-lands in Hamirpur Tahsil. It is for the most part grown in small patches. The leaf is said to be wanting in pungency and flavour; and those who can afford it prefer to purchase tobacco from the plains.

The growth and present position of the tea industry is described below. The line of country within which tea can be profitably cultivated appears to be a very narrow one. It is only on, or not far back from the foot of the Dhibola Dihar range, that the rainfall is sufficient, and at the height of 5,000 feet the yield of leaf falls off from want of warmth. The proper elevation appears to lie between 3,000 and 4,500 feet, and tolerably level fields with a good depth of soil are required.

In 1849 Dr. Jameson, the Superintendent of the Botanical Gardens, North-West Provinces, travelled through these hills to ascertain their fitness to grow tea. His opinion was eminently favourable, and four months after he returned with a number of young plants taken up from the nurseries at Almora and the Dehra Dûn. These were laid down in three Government gardens,—one at Kangra itself, at an elevation of about 2,500 feet, another at Nagrota, in the valley, 2,900 feet, and the third at Bhawârna, on the higher plateau of Pilam, 3,200 feet. The plants had suffered a good deal in the journey during the season of the hot winds from Almora to Kangra, and the experiment was commenced under trying circumstances. At Kangra itself the plant did not thrive, partly owing to the high temperature and the vicinity of the town, and partly on account of the scanty supply of irrigation. But in the other two gardens the tea flourished beyond even Dr. Jameson's anticipations.

The history of the tea industry up to 1872 is given in Major Paske's report of that year. The formation of these nurseries was followed by the establishment of a Government plantation, on a  

\(^{(1)}\) According to Lyall five-sixths of the whole crop is grown in the Hamirpur and Nâpur Tahsils and the remaining one-sixth comes almost entirely from taluka Mângarh.
large scale, at Holta—a spot about six miles above the Bhawarma nursery, at an elevation of 4,200 feet. The Holta plantation was worked with much success under many unfavourable conditions by Mr. Rogers, who remained in charge of it till Government sold it in 1866 to Major Strutt, and in 1860 the outturn of tea amounted to 29,812 lbs., the teas realizing by public auction an average of Re. 1 per lb., and by private sale, an average of Re. 1-11 per lb. In 1859 and 1860 the success of the Government plantation led to the introduction of private enterprise and capital, but the operations of European settlers were retarded by the difficulties experienced in obtaining land at that time.

In 1852, before the Holta garden was made, a demand for land had arisen, and the Commissioner enquired whether any, besides that at Holta, was available. No other land had been reserved, but it was argued by the Deputy Commissioner that Government was not debarred by Mr. Barnes' Settlement from appropriating surplus waste. The Chief Commissioner held that to appropriate waste within village boundaries would be an unpopular measure and one of questionable legality, and recommended that the zamindars should be encouraged to take to tea-planting on a small scale. The demand for land by outsiders continued; the plan of inducing the zamindars to plant failed almost completely; and in 1856, and again in 1858-59, long correspondences arose, in which the rights of Government and of the zamindars in the waste were discussed. Government adhered to its first decision that the waste could not be appropriated except with the consent of the zamindars, and the result was that in 1860 Lieutenant Paske was deputed to assist intending tea-planters to buy or lease waste lands, and during the six months he was employed on this duty effected the transfer of about 2,596 acres.

The negotiations proved difficult: the little land obtained was put up to auction as the applications were numerous. In 1862 the question was re-opened, but again decided as before; but Mr. Egerton, the Deputy Commissioner, was authorized to make trial of his own suggestion that the zamindars might be induced to give up a larger proportion of the forest land if the forest rules were relaxed in the remainder and a free right to cut trees in parts were offered instead of money. By these inducements Mr. Egerton succeeded in getting the zamindars to surrender 2,547 acres, which were sold by auction in 1863. Half or three-fourths of the price realized was given as of grace to the zamindars; and with the high prices bid and the desirability of encouraging tea-cultivation it was decided that all these sales should confer a title to hold free of land-tax. A large proportion of the lands sold in 1863, and a smaller part of those sold in 1860 were, from the great elevation, steepness, slope, or want of soil, of no use to the purchasers except as grass or fuel-preserves. But the planters did not rely entirely on help from Government. In 1861-62 some of the pioneers, for example, Mr. Duff, Captain Fitzgerald, Messrs. Shaw and Lennox, had gained the confidence of
the people, and begun to acquire by private sale a good deal of waste or cultivated land fit for tea cultivation.

The following remarks as to the climate, soil, and other conditions considered essential in the success of tea culture as found in the Kangra Valley are taken from Major Paske’s report of 1872:

“As regards climate, a hot, damp climate, with a rainfall of not less than 100 inches per annum, is shown to be required for teas, and this climate the Kangra Valley possesses for at least seven months in the year, at elevations from 2,500 feet to 4,500 or 5,000 feet above the sea; nor within these elevations is the cold so severe during the remaining months of the year as in any way to injure or retard the growth of the tea-plants. The lowest elevation at which an estate is situated is 2,437 feet, and the highest elevation of any estate 5,500 feet. There is, however, only one estate at so high an elevation, the next highest is at 4,500 feet and the generality of the estates are at elevations between 3,000 and 4,000 feet. Hot winds are not known in the Kangra Valley, and between the months of March and October there is considerable moist heat, accompanied by a rainfall of, on the average, 110 inches in the year at Palampur. The great Dháola Dhar or snowy range on the slopes of which, or in the valley below, the tea estates are situated, besides apparently arresting the passage of clouds and causing them to exhaust their rain more copiously in the valley below, provides great facilities for irrigation in the numerous mountain streams and torrents fed from perennial snows. In the matter of soil—while no artificial arrangements can alter the conditions of the climate, soil can be in a measure created, and, at any rate, considerably improved. With the little superficial knowledge I possess on the subject of tea culture, I do not profess to know which is the best soil for teas. While some say that a rich, greasy loam, and others a light sandy loam, is the best soil, I observe that there are considerable varieties of soil on which tea has been planted in this District, and in all of these it has succeeded more or less—the measure of success of course depending much upon the extent of labour and pains and skill in cultivation. Connected with the question of soil comes the subject of manure. All the planters are well aware of the advantages of manure in increasing the yield of plants, and all avail themselves to some extent of the facilities they may possess for manuring. I am disposed to think, however, that, on the whole, planters might make greater efforts to increase their supplies of manure.”

The following Note was supplied in 1892 by the late Mr. R. A. Ballard, Honorary Secretary to the Kangra Valley Tea Planters’ Association:

“The total area under tea in the District amounts in 1892 to 9,537 acres; of which 8,047 acres are in Tahsil Palampur, 1,400 acres in Tahsil Kangra, 89 acres in Tahsil Kulu and one acre in Tahsil Nárpur. Of the whole about 3,943 acres are owned by European
proprietors and the remaining 5,594 acres by natives; this latter area includes 613 acres sold by Europeans to natives within the past ten years. There are altogether 34 gardens owned by Europeans, varying in size from 10 up to 612 acres of tea. Of these 34 gardens, three are owned by large Companies registered under the Limited Liability Act, two are large unregistered Companies, and the remainder are smaller estates each owned by one or more proprietors. The capital represented by the area under tea (if calculated on the value of the Holta Tea Company’s shares, which is the only Company in the District whose shares are quoted on the Calcutta Stock Exchange, and whose fully paid up 100 rupee shares are now quoted at Rs. 46 per share, the capital of the Company being Rs. 3,50,000 and the tea area 607 acres), amounts to Rs. 25,27,305 giving Rs. 235 per acre which is moderate, but the values put on their estates by proprietors would probably amount to more than the above sum. The capitals of Kangra gardens are high as compared to other tea Districts owing to the absurdly high prices paid for land purchased from zamindârs. The outturn from gardens owned by Europeans is a trifle over one million pounds and consists principally of black tea; an all-round yield of 300 pounds per acre for a large area is considered a good return, although on small areas this yield has been doubled. The local cost of growing and manufacturing black tea is estimated at four annas per pound, so that not less than 2,50,000 rupees are spent annually by the European tea planters in the District. Thus the tea industry affords valuable assistance to the poorer people. The European tea planters have in recent years largely developed (and possibly exhausted as far as India is concerned) the "retail trade" or direct dealing between the grower and the retailing merchants and the consumer; the tea being sent in small quantities to Europe, America and Australia. The average price realized in this way is about 8 annas per pound, leaving a profit of about 2 annas net to the grower. Owing to competition there is no chance of the price being raised in this country. About one-half of the black tea grown in the District is disposed of by retail, the remainder being sent packed in lead-lined wooden chests to London and Calcutta for public sale by auction through tea-brokers and agents: the demand for Kangra teas on these markets is uncertain, and is brisk only when the quality is good; this is influenced to a great extent by the climate which in Kangra is very uncertain, the weather being at times too dry, at others too wet and again too cold for tea: there is however no doubt that the best Kangra tea, usually made in the hot weather, is second to none and sells as well as any; the best sale of Kangra tea during 1892 was an invoice of 152 packages containing 4,053 lbs. of tea from the Kangra Valley Tea Company, Limited, which sold for an average price of 1s. 4½d. on the London Market: this same Company sold during 1892 41,848 lbs. of tea on the London Market at an average price of 10½d. per pound, the cost of laying down in London was 8½d. per lb. and the profit 2½d. per pound nett; it also sold during the same year
Tea-plants.

34,458 lbs. on the Calcutta Market at an average price of 9½ annas per pound while the cost of laying down the same in Calcutta was 7 annas per pound leaving a profit of 2½ annas per pound nett, and these results were considered very good; private owners can lay down their teas at about 5½ to 6 annas per pound, but some estates do not average as much as this at sale and consequently suffer a loss; tea has not given the return or profits that were expected from it; and that it has been a losing game in many cases may be evidenced by the fact that no less than nine gardens have been sold by Europeans to natives, within the past ten years at less than one-half their original value (actual cost), besides others which have changed hands at reduced figures.

"On an average one man per acre is employed on the different estates, so that employment is regularly afforded to about 4,000 persons. Some of the poorer villagers of the Changer hills, and those excluded from agriculture by caste prejudices, are solely reliant upon the tea gardens for their livelihood. But labour is not so plentiful as formerly, and but for the machinery which has been introduced at great expense from England into the larger factories for manufacturing tea, would have to be imported from other places; this is owing to the demand for recruits for military service, and also to the impetus given to agricultural pursuits by the opening up of roads, etc., and the enhanced value of food-grains. One often hears planters complaining of being short-handed at their busiest seasons and some have even threatened to import labour on a large scale, so uncertain and irregular is the local supply. Gardens having their own forest reserves are generally well off with respect to timber; but large demands continue to be made on the Government forests for oak trees at Rs. 2 each for charcoal and fuel and for trees at 4 annas each for planking for tea boxes. These are expensive items in the internal economy of a tea garden. A North-Western Railway out-agency is now open at Paharpur and is a great convenience to planters.

The China plant originally introduced by Government has answered very well and continues to thrive, the oldest plants being to-day the best: its seed ripens in October, is plucked and sown during the following two months in nursery beds, and is ready for transplanting during the following rains; the value of local tea seed is about 8 annas per maund. Little attention has been paid to the indigenous and hybrid plants which are so much prized in the other districts, being worth from Rs. 75 to Rs. 100 per maund and more, but experiments on a small scale have been tried with these and go to prove that had they been introduced at first instead of the China plant, the Kangra planter would to-day be in a better position to compete with the other favoured tea districts and would obtain a larger yield as well as better quality and flavour. The manufacture of black tea is as simple as interesting, the young tea-leaves being plucked by hand and brought to the factories in baskets; they are then spread out on round trays made of bamboo and "withered" during
the night; next day they are “rolled” in “rolling machines” pro-
pelled by steam and water-power (each machine taking at one time
from 100 to 200 lbs. of leaf and each “rolling” lasting for about one
hour) the leaves are then “fermented” for about four or six hours,
after this “rolled” again for half an hour and then “dried” in
firing machines called “Siroccos” or over charcoal fires in grates,
the manufacture is then complete and the tea ready for “sifting”
and “packing” which is usually done during the following day, when
a sufficient quantity is ready; the “burak” or “invoice” is carted
away to market. The manufacture of green tea is somewhat
different. The leaves when brought in are scorched in heated pans
and “rolled” off at once by hand, then cooked up in the same pans
and artificially coloured with soapstone which is powdered and
sprinkled into the tea and both rubbed together in the pan. The
native proprietors, as a rule, make nothing but green tea, its manu-
facture being much simpler and cheaper; the outturn of green tea
is about 700,000 lbs. per annum, the cost of growing and manufac-
turing it is about 3 annas per pound where hired labour is employed,
but many of the zamindars with the assistance of their families
work their own tea gardens; the native gardens consist sometimes
of a few acres only, the principal ones running to about 300 acres.

“The value of green tea locally might be fixed at about 4
annas per pound, thus leaving a profit of about one anna per pound
on an all-round average to growers. It is nearly all bought up
locally by green tea merchants or “dahals,” principally in Pálampur,
who export it to Amritsar and are, as a rule, local agents of larger
Amritsar firms. The uncertainty of the green tea market (which at
present is very depressed) prevents the zamindars from incurring
expenditure on the proper cultivation of their gardens and increasing
their yields largely.”

A second note showing the changes that have affected the Tea
Industry since 1892 has been prepared by Mr. F. Ballard, Chairman
of the Kangra Valley Planters’ Association, and is printed here for
purposes of comparison.

Note on the Kangra Tea Industry for the period 1892 to 1902.

“The total area of tea in Kangra is much the same as in 1892.
Some 700 acres of new land have been brought under cultivation by
European and native proprietors, but a similar area of old and
unprofitable tea has gone out of cultivation. Of the total area some
3,400 acres are owned by Europeans and the remaining 6,137 acres
by natives; on an average fifty persons are regularly employed per
each 100 acres, so that the industry might be said to give regular
employment to 4,768 persons. The two largest limited companies
have been amalgamated and are now worked as one concern, the
one hundred-rupee shares of which were quoted on the Calcutta
Stock market at Rs. 27 per share but since have participated in the
general rise of all tea stock owing to the improved prospects of the
industry as a whole, and at the present time stand at Rs. 45. One important concern, the most prosperous in 1892, was forced into liquidation as the result of indifferent management; it is now the property of a single European and more prosperous times are anticipated under improved management. The outturn on land owned by Europeans is about 250 lbs. per acre, although some of the larger concerns do not produce as much as 180 lbs. as an all-round average, there being less inducement to make large quantities of tea and the labour having become less plentiful, yield has been allowed to fall off. The cost per lb. of production in consequence remains much the same as in 1892, and there are no signs that point to its being reduced; on the contrary, the scarcity of labour will, in the future, tend to raise it.

"The retail trade has fallen since 1892 from 500,000 lbs. to about 250,000 lbs., due largely to other competitors having entered the field which was once entirely controlled by Kangra and Kumamon planters. The best prices obtained for Kangra tea during the period was for a lot of 28 packages of the Bandla Tea Co.'s produce which sold in Mincing Lane, in February 1896, at 3s. 2½d. per lb.

"During the period under review some three or four European gardens have been sold to natives. The causes to which this is attributable have affected the industry generally, and are due to the output in India having risen from 124 to 175 million pounds and in Ceylon from 72 to 150 millions—with the result that in spite of increased consumption, the stocks of both kinds in all the markets of the world have increased by thirty per cent. Well known causes have led to this state of affairs; suitable land was obtainable at a moderate price, labour was plentiful in other districts and the depreciation of silver with its concomitant drop in the exchange value of the rupee to about 50 per cent. of its nominal value so reduced the cost of production that the margin of profit was sufficiently great to attract almost universal attention; without a thought of the future, extensions were pushed forward to a degree unwarranted by the situation—107,000 acres in India and 80,000 in Ceylon were planted in the five years preceding 1900; land was rushed up in price and much of doubtful value brought into cultivation; all available leaf was plucked and stimulants used to force the natural yield, already bounteous owing to favourable seasons. Gardens in private hands were turned over to Companies at inflated prices and the stability and prosperity of the industry were never called into question. Hailed at the time as a blessing events have proved that the large profits made were well nigh disastrous. The usual result of excess in supply followed; prices steadily fell and to add to the difficulty of profitable cultivation the rupee gradually depreciated in value until in 1899 it was artificially raised to a fixity of 1s. 4d. To meet all this expenses had to be curtailed, the poorer lands no longer paid for cultivation and profits were reduced, and in many cases heavy losses were sustained. More than this, and most important of all, the price of tea to the consumer was lowered to a range without
precedent. This low range of price has not been without its advantages and may be said to have served its day; it has checked expansions, it has helped to oust China tea almost entirely from the United Kingdom, and, to a great and increasing extent, from the other markets of the world—it has compelled producers of British-grown tea to seek other outlets, and it has produced solidarity and cohesion of the two countries, India and Ceylon, who are now working together in one common interest.

"So much for the past. 1902 has witnessed the arrest of this downward progress, by climatic causes in part, by a more judicious system of plucking, by smaller yields, the causes of which are not yet fully understood, by the abandonment of inferior land, and last, but by no means least, by the manufacture of green tea, which European planters have taken to since the invention of machinery for its manufacture, for which markets exist to the amount of 70 million pounds. Supplies of black tea have been curtailed, and for the first time for years have balanced the needs of the world. The dawn of a happier era for producers has appeared. These improved conditions are likely to continue. By 1905 practically all extensions in India and Ceylon will be in full bearing, in fact the acreage that has been planted the last few years should be more than equalised by the abandonment of unproductive and worn out areas; and supplies for 1903-04 from the two countries are estimated not to exceed 336 million pounds, of which probably not less than 15 millions will be green tea leaving 321 millions black. After deducting for the requirements of countries outside Great Britain, 240 million pounds are available for home consumption which is much less than should be required assuming a normal rate of increase in consumption."

The progress of the tea industry is shown by the following table, the figures for 1868 were compiled by Mr. Lyall:—

<table>
<thead>
<tr>
<th>Class of holding or estate</th>
<th>1868.</th>
<th>1869.</th>
<th>1870.</th>
<th>1871.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of holdings</td>
<td>Acres under tea</td>
<td>Number of holdings</td>
<td>Acres under tea</td>
</tr>
<tr>
<td>Estates owned by Europeans</td>
<td>18</td>
<td>2,723</td>
<td>41</td>
<td>4,647</td>
</tr>
<tr>
<td>Government nurseries</td>
<td>2</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Native proprietors</td>
<td>8</td>
<td>339</td>
<td>20</td>
<td>1,500</td>
</tr>
<tr>
<td>Small plots belonging to</td>
<td>107</td>
<td>1,506</td>
<td>1,817</td>
<td></td>
</tr>
<tr>
<td>peasant proprietors,</td>
<td>In compounds at Dharmasāla</td>
<td>8</td>
<td>21</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Grand Total</td>
<td></td>
<td>3,257</td>
<td></td>
</tr>
</tbody>
</table>
The number of holdings owned by native proprietors in 1892 is not given but it includes ten estates transferred from Europeans to natives in the period 1883-92.

In 1902 the area under tea had risen to 9,692 acres.

<table>
<thead>
<tr>
<th>Year</th>
<th>Output in lbs.</th>
<th>Output in lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1888</td>
<td>241,332</td>
<td>366,000</td>
</tr>
<tr>
<td>1892</td>
<td>428,655</td>
<td>1,200,000</td>
</tr>
</tbody>
</table>

The progress of the output is shown in the margin.

A list of the principal tea-gardens in the district is given below:

I.—TEA GARDENS.

<table>
<thead>
<tr>
<th>No.</th>
<th>Names of estates</th>
<th>Proprietors</th>
<th>Area, acres</th>
<th>Estimated output, lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Holta...</td>
<td>The Holta-Nassau Tea Company, Limited.</td>
<td>2,076</td>
<td>365,000</td>
</tr>
<tr>
<td>2</td>
<td>Nana...</td>
<td>A. Grey (Kangra Valley Tea Company).</td>
<td>320</td>
<td>100,000</td>
</tr>
<tr>
<td>3</td>
<td>Bandla</td>
<td>Kanbaya Lal</td>
<td>530</td>
<td>40,000</td>
</tr>
<tr>
<td>4</td>
<td>Baijnath</td>
<td>H. J. Barnard</td>
<td>132</td>
<td>30,000</td>
</tr>
<tr>
<td>5</td>
<td>Gopalspur</td>
<td>Hardial Singh</td>
<td>260</td>
<td>30,000</td>
</tr>
<tr>
<td>6</td>
<td>Mount Somerset</td>
<td>Mrs. W. Ghilard</td>
<td>300</td>
<td>30,000</td>
</tr>
<tr>
<td>7</td>
<td>Dharmsala</td>
<td>Gur Karpal Singh</td>
<td>395</td>
<td>25,000</td>
</tr>
<tr>
<td>8</td>
<td>Clachnacindin</td>
<td>D. MacBean</td>
<td>100</td>
<td>25,000</td>
</tr>
<tr>
<td>9</td>
<td>Pathir and Nigal</td>
<td>Lachman Das and Co.</td>
<td>60</td>
<td>25,000</td>
</tr>
<tr>
<td>10</td>
<td>Kalet</td>
<td>F. H. Kirby</td>
<td>61</td>
<td>20,000</td>
</tr>
<tr>
<td>11</td>
<td>Palampur</td>
<td>Aslam Hayat Khan</td>
<td>200</td>
<td>20,000</td>
</tr>
<tr>
<td>12</td>
<td>Raipur</td>
<td>Lal Mahta Mal</td>
<td>100</td>
<td>20,000</td>
</tr>
<tr>
<td>13</td>
<td>Burn Brae</td>
<td>Sirdar Bhagat Singh</td>
<td>123</td>
<td>20,000</td>
</tr>
<tr>
<td>14</td>
<td>Sansal and Dewal</td>
<td>Ladrpu Prohit &amp; Co.</td>
<td>105</td>
<td>20,000</td>
</tr>
<tr>
<td>15</td>
<td>Chichian</td>
<td>P. C. Gibson</td>
<td>90</td>
<td>15,000</td>
</tr>
<tr>
<td>16</td>
<td>Honora</td>
<td>P. F. Campbell</td>
<td>100</td>
<td>15,000</td>
</tr>
<tr>
<td>17</td>
<td>Kanwara</td>
<td>P. Willams</td>
<td>117</td>
<td>15,000</td>
</tr>
<tr>
<td>18</td>
<td>Sidhur</td>
<td>H. S. Davies</td>
<td>80</td>
<td>15,000</td>
</tr>
<tr>
<td>19</td>
<td>Woodlands</td>
<td>J. Hegenan</td>
<td>60</td>
<td>15,000</td>
</tr>
<tr>
<td>20</td>
<td>Sambirpur</td>
<td>Rabi Baru Pali</td>
<td>85</td>
<td>15,000</td>
</tr>
<tr>
<td>21</td>
<td>Shuka Bagh</td>
<td>H. The Raja of Mandi</td>
<td>150</td>
<td>15,000</td>
</tr>
<tr>
<td>22</td>
<td>Kusmal Mousimbhal and Palam</td>
<td>W. H. Pechey</td>
<td>110</td>
<td>15,000</td>
</tr>
<tr>
<td>23</td>
<td>Dharmgiri</td>
<td>Nawab Muhammad Sadru-d-Din</td>
<td>60</td>
<td>14,000</td>
</tr>
<tr>
<td>24</td>
<td>Bhutto</td>
<td>Seth Manak Mal</td>
<td>112</td>
<td>12,000</td>
</tr>
<tr>
<td>25</td>
<td>Sula</td>
<td>H. Wilson</td>
<td>24</td>
<td>12,000</td>
</tr>
<tr>
<td>26</td>
<td>Penuah</td>
<td>Chiragd Din</td>
<td>50</td>
<td>10,000</td>
</tr>
<tr>
<td>27</td>
<td>Tanda</td>
<td>S. D. Turner</td>
<td>40</td>
<td>10,000</td>
</tr>
<tr>
<td>28</td>
<td>Chandpur</td>
<td>Mrs. Malony</td>
<td>32</td>
<td>10,000</td>
</tr>
<tr>
<td>29</td>
<td>Nagroti</td>
<td>Moti Lai Kaitha</td>
<td>40</td>
<td>10,000</td>
</tr>
<tr>
<td>30</td>
<td>Bir</td>
<td>Mrs. H. M. Clark</td>
<td>25</td>
<td>8,000</td>
</tr>
<tr>
<td>31</td>
<td>Kaleri</td>
<td>T. J. Brockman</td>
<td>33</td>
<td>8,000</td>
</tr>
<tr>
<td>32</td>
<td>Nargar</td>
<td>Maiha</td>
<td>35</td>
<td>8,000</td>
</tr>
<tr>
<td>33</td>
<td>Banurie</td>
<td>T. J. Greenhill</td>
<td>20</td>
<td>6,000</td>
</tr>
<tr>
<td>34</td>
<td>Evadene</td>
<td>F. W. Newton</td>
<td>50</td>
<td>5,000</td>
</tr>
<tr>
<td>35</td>
<td>Kulu</td>
<td>Colonel R. Rennick</td>
<td>50</td>
<td>5,000</td>
</tr>
<tr>
<td>36</td>
<td>Arangmarh</td>
<td>G. G. Minmenken</td>
<td>50</td>
<td>4,000</td>
</tr>
<tr>
<td>37</td>
<td>Andretta</td>
<td>F. W. Parker</td>
<td>10</td>
<td>800</td>
</tr>
</tbody>
</table>
This gives a total of 37 estates over ten acres, with an area of 6,185 acres and an output of 1,012,000 pounds of tea. It must be remembered however that many zamindars cultivate the plant on small areas throughout the tahsil of Kangra and Palampur.

The average wholesale price per lb. in recent years is given in the following table:

<table>
<thead>
<tr>
<th></th>
<th>Under European management per lb.</th>
<th>Under Native management per lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average 1881—1890</td>
<td>•••••</td>
<td>0 9 0</td>
</tr>
<tr>
<td>&quot; 1891—1900</td>
<td>•••••</td>
<td>0 6 0</td>
</tr>
<tr>
<td>&quot; 1901</td>
<td>•••••</td>
<td>0 5 0</td>
</tr>
</tbody>
</table>

All tea exported from India is now subject to an export tax of 1/4 pie per lb. The money thus realised is handed over to the Indian Tea Cess Committee, to be spent in opening up new markets and otherwise furthering the tea-trade. With this view the Committee pays a bounty of six pies per lb. on all green tea exported from the country. This tends to encourage the manufacture of green tea and relieve the black tea markets. The United States is the great market for green tea.

Maize, though of less commercial value than rice, is perhaps of greater local importance. It grows everywhere in the hills, and seems to flourish as well as in a tropical climate. Growing from 1,500 to 7,000 feet it is the favourite crop of the people, and for six months of the year forms their food. Although second in importance in the valleys to rice, there is always a little plot of maize round the cottages of the peasantry for their own use, while the rice is disposed of to wealthier classes. To the uplands maize is an admirably suited crop. It is very hardy, requires little rain, and is rapidly matured. In sixty days from the day of sowing the cobs are fit to eat. But it will not keep, as weevils prefer it to any other grain, and it is a popular saying that "the life of maize is only a year long."

Rice is the staple product of the upper Kangra Valleys, where abundance of water is combined with high temperatures and a peculiar soil favourable to its growth. It is grown also in the irrigated parts of Dera and Nurpur, where the produce, though inferior to that of Kangra, is still of a good quality. Coarser kinds of rice are also grown without irrigation in the higher parts of the district. The people recognize upwards of sixty varieties of rice, the most esteemed kinds being begami, basmati, jhinwa, nakanda, kamadhi and rangari. Each of these varieties has its special locality; thus Rihlu is famous for its begami and Palam for its basmati. Of the coarser kinds grown in the Kangra Valley, the best known are the
Kangra District.] Sugarcane. [Part A.

Sugarcane is largely grown about Kangra. Some parts of the Pálam Valley, 3,200 feet above the sea, are famous for the crops they produce. In Núrpur and Dera it is rarely met with, but in talukas Nádaun and Rágirí, a portion of every holding is devoted to its cultivation. There are several varieties, the best known being chám, atkár, kandiári, and a juicy variety called pona which is grown only for eating. Tahsils Núrpur and Dera are dependent upon imports, while Pálam and Nádaun supply the neighbouring parts of Mandi. The cane, though less thick and luxuriant in its growth here than in the plains, contains a larger proportion of sugar. The molasses of the hills is sweeter and more consistent than that of the plains. The juice is pressed in the usual machine, consisting of cylindrical rollers revolving one above the other, and usually driven by four bullocks. In the wilder hills, towards Datwál and the Sutlej, a very primitive press called jhandar is in use. This consists of two frames of wood whose sudden closing compresses the cane. It is worked by hand.\(^{(6)}\)

\(^{(6)}\) As to the cost of preparing the sugar, see Mr Lyall's Settlement Report, p. 59, note.—"It is calculated in making account of working expenses that it takes twelve men and twelve oxen to work a sugar-press, cauldron, &c. The owner of the plant, whether he be the proprietor or tenant, charges for wear and tear of the press and cauldron, respectively, two or three kacha sers of gur the day."
Kangra District. Turmeric. [Part A.]

Cotton is cultivated in all tahsils, though uncommon in Kangra and Palampur, but the yield does not equal the demand. It is sown in April and ripen about November.

Various kinds of millet, especially mandal, kangū and sawāk, are grown on all the upland soils, and are used for food. Mandal (Eleusine corocaria) is specially valued, as it will remain good for any length of time and insects do not attack it. The common millets bōjra and jowār are only found near the plains. Buck-wheat (kāthu) is confined to very high elevations, being cultivated only in the remote taluka of Bangahal. It makes a bitter unpalatable bread. China (Panicum miliaceum) is usually boiled like rice. A little is grown in Nāpur; but it is commonest on the slopes of the snowy range.

Of the various autumn pulses, mah (Phaseolus radiatus) is most esteemed, as it resists the attacks of insects. In Kangra it is not generally grown except along the ridges between the rice-fields. Kūlthī, the poorest pulse of all, is cultivated on poor, high-lying soils. Mah and kūlthī are frequently grown together; when once mingled they cannot be separated. Mah and maize, or mah and mandal are also commonly grown together, but they can be reaped separately.

Turmeric is grown in parts of tahsils Hamīpur, Dera and Nāpur on low, moist soils and requires much care and manure. It is planted in May by pieces of root, and does not ripen till the end of November. The tubers are then taken up and dried, partly by fire and partly in the sun. It is considered quite as paying a crop as sugar, and has this advantage, that it occupies the soil for six months only. A few localities supply turmeric for the whole District. There is a second variety called kāchūr, which is grown everywhere but in very small quantities; as its uses are limited. The root is pale yellow, warm and aromatic like turmeric, but bitter. It is given internally as a carminative, and applied to the skin as a plaster. A powder made from the dry root is used in the Holi festival. A third variety (called sudersen) is grown simply for its black round seeds, which are strung together and sold as necklaces at the Jawalāmukhi fair.

Potatoes, introduced shortly after annexation, now hold a place among the staples of the higher hills. Mr. Lyall wrote:—

"The cultivation of the potato in the villages on the slopes of the Dhāola Dhār has much increased since Mr. Barnes wrote, and it can no longer be said that 'the potatoes they rear are very small and poor.' I have nowhere found larger or better ones than those grown in the small level places where the flocks are penned for the night (goths), in the hanging forests or grassy slopes of the Dhāola Dhār at elevations of from 7,000 to 11,000 feet. The introduction of the potato has, in fact, given a greatly increased value, not only to these goths, but also to all cultivable land above 5,000 feet elevation. The fields round the Gaddi peasants' houses, which formerly produced at the best only maize, wheat, or barley, barely sufficient to feed the families which owned them, now produce a very lucrative harvest. The Gaddi express this by saying 'the potato has become our sugarcane.' It is becoming more and more appreciated by the

Autumn pulses.

Potatoes.

Lyall, § 64.
The cultivation of China grass was experimentally introduced in 1863 by the late Mr. J. Montgomery, and a quantity of plants laid down near the town of Kangra, but although the plants still exist, all cultivation or manufacture ceased at his death. The plant grows rapidly and well, and the texture produced is excellent, but the process of manufacture is expensive. A Company was formed in 1871 to supply the necessary capital, but failed. Wild varieties of this grass are common among the low hills at the foot of the main range, and there is undoubtedly a future for this industry if capital can be made available. The mode of cultivation is very simple; and seed or cuttings once sown, the plant is reared with little expense or trouble, the stalks springing up season after season from the same roots.

The cultivation of cinchona was introduced in 1862 (?) by Major W. Nassau Lees, and at one time there were four plantations having a promising growth of young trees, while in 1868 there were 84 acres under cinchona. Subsequent experience, however, showed that at certain seasons of the year the climate is too dry, and the plantations were abandoned.

Ginger is cultivated across the Beás, in Siba and Chanan in the Dera Tahsil. It is a different species from that of the Simla hills. The root is smaller, the colour red, and the fibre more delicate and palatable. The poppy is not cultivated in Kangra Proper. Formerly every cultivator would grow a few plants to furnish a little opium for home consumption, but its cultivation is now prohibited.

The coriander, anise, capsicum, mint, fennel, fenugreek, &c., are raised all over the district in small quantities as condiments, carminatives, &c. Hemp (sau) and til are mostly grown in Núrpur and Hamírpur, Dera having but little, and Kangra next to none. Of the kaschāli more than four-fifths belong to Hamírpur, and nearly all the rest to Kangra. Buckwheat, amaranth and bhang (Indian hemp) all belong to the highlands of Bangáhal. There is an endless variety of gourds, pumpkins, cucumbers, &c., which during the rains are trained on bamboos or bamboo frames, or allowed to climb over the thatch of the cottages. The melon is reared on the Beás. The radish is grown in gardens, and is a favourite vegetable; about Nádaun it attains a great size, frequently weighing eight pounds. Onions and carrots are far less common, as only Muhammadans and the lowest castes of Hindus eat them. The Kashmiris at Núrpur and Tiloknáth cultivate the cabbage and cauliflower round their houses.

The materials available for estimating the produce rates per acre were the following:—

a. actual experiments were made by the Tahsildárs and Náib-Tahsildárs in various talukas, but faith was not
put in the results as the fields selected generally bore a crop above the average;

b. the account books of money-lenders who have given land on half produce to tenants or mortgagees were examined. The results in the cases could be trusted, as it is not at this stage that money-lenders cheat the zamindârs;

c. the zamindârs were consulted and averages taken, but in a country such as this the rates vary enormously from taluka to taluka and from tappa to tappa, showing what an untrustworthy guide to assessing a half assets jamâ estimate must be in this district. The table given below shows the rates of produce fixed for certain talukâs. They give a fair indication of the extremes within which the yield varies.

Rates of produce in sêrs per acre.

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rice</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated</td>
<td>6,373 to 320</td>
<td>300 to 500</td>
<td>300 to 320</td>
<td>400</td>
<td>400 to 580</td>
<td>455 to 470</td>
</tr>
<tr>
<td>Unirrigated</td>
<td>130 to 200</td>
<td>...</td>
<td>140 to 200</td>
<td>300</td>
<td>245 to 270</td>
<td>300 to 335</td>
</tr>
<tr>
<td><strong>Maize</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated</td>
<td>...</td>
<td>160 to 200</td>
<td>155 to 200</td>
<td>200</td>
<td>225 to 424</td>
<td>240 to 255</td>
</tr>
<tr>
<td>Unirrigated</td>
<td>...</td>
<td></td>
<td></td>
<td>200</td>
<td>210 to 240</td>
<td>165 to 240</td>
</tr>
<tr>
<td><strong>Wheat</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated</td>
<td>214 to 240</td>
<td>...</td>
<td>...</td>
<td>200</td>
<td>214 to 254</td>
<td>180 to 190</td>
</tr>
<tr>
<td>Unirrigated</td>
<td>155 to 160</td>
<td>160 to 210</td>
<td>125 to 170</td>
<td>180 to 190</td>
<td>210 to 256</td>
<td>100 to 250</td>
</tr>
<tr>
<td><strong>Barley</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated</td>
<td>...</td>
<td>160 to 200</td>
<td>144 to 275</td>
<td>220</td>
<td>210 to 288</td>
<td>215 to 220</td>
</tr>
</tbody>
</table>

A most important point to be remembered in examining these rates is that much of the land is dojasli. In his first assessment report Mr. O'Brien noted that the outturn of rice on ekfasli lands is nearly equal to the outturn of both crops on the dojasli irrigated lands, and thus in some cases the rates of yield for one harvest on irrigated land have been fixed lower than for unirrigated land. In regard to wheat and rice he observed that the common saying was that rice produced 10 maunds and wheat 6 maunds per acre (ghumado?) and that this estimate for wheat seemed low compared with the outturn in the plains, but that a wheat field in the Kângra District was very much inferior to any wheat field he had seen in the plains.

There appears to be little room for the extension of cultivation. Waste land is however from time to time broken up by individuals near their holdings, but from the nature of the country but little can be done in this direction.
KANGRA DISTRICT. Poverty or wealth of the proprietors. [PART A.

Loans either under the Land Improvement or Agriculturists Loans Act are but little in demand.

The average values of land in rupees per acre for sale and mortgage are shown in the margin; but the quality of land varies so enormously, and the value returned is so often fictitious, that little reliance can be placed upon the figures. Although in Kulu, in some parts of Nârâpur and Hamîrâpur, and in isolated villages in Kangra and Dera, the agricultural classes are in debt, it cannot be said that the peasantry generally are in debt to the extent that prevails in the other districts of this division. The usual rates of interest are seldom higher than 24 per cent., and even where good landed security is given, are seldom less than 18 per cent.

With regard to the transfer of land, Mr. A. Anderson makes the following remarks (Settlement Report, para 11):—

"In the twenty years between the Settlement of Mr. Barnes and that of Mr. Lyall, the people, especially in the backward parts, had scarcely begun to realise the powers of alienation that had been conferred upon them; alienations were in consequence few, and in the greater part of the district mortgages were still very uncommon, even at Mr. Lyall’s Settlement: in Dera and Hamîrâpur Tahsil, in Nârâpur Tahsil (except talukas Indaura and Khaîrân which border on the plains) and in Pâlamps Pahâl (except taluka Pâlám which resembles the Kangra Tahsil), they were almost unknown. In the Kângra Tahsil which is richer than the others, and in which most of the educated and money-lending classes reside, mortgages had, in 1866-70, reached almost 5 per cent. of the cultivated area and over 6 per cent. of the revenue. Now 13-62 per cent. of the whole cultivated area of Kângra Proper is under mortgage as compared with 1-7 per cent. in 1870."

To show the difference between the two periods, the tahsil percentages are given below:

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>Mortgages of cultivated land in 1870</th>
<th>Mortgages of cultivated land in 1900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kângra</td>
<td>4-6</td>
<td>6-44</td>
</tr>
<tr>
<td>Nârâpur</td>
<td>2-3</td>
<td>3-40</td>
</tr>
<tr>
<td>Dera(1)</td>
<td>0-29</td>
<td>0-38</td>
</tr>
<tr>
<td>Hamîrâpur(?)</td>
<td>0-37</td>
<td>0-64</td>
</tr>
<tr>
<td>Pâlamps</td>
<td>2-49</td>
<td>3-78</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1-73</td>
<td>3-22</td>
</tr>
</tbody>
</table>

(1) Exclusive of the Sîba, Goler and Nâdaun Jâgîras.

Poverty or wealth of the proprietors.
KANGRA DISTRICT. Cattle.

The average value of animals in the District is as follows:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bullocks</td>
<td>Cows</td>
<td>Buffaloes</td>
<td>10-30</td>
</tr>
<tr>
<td></td>
<td>...</td>
<td>...</td>
<td>10-20</td>
</tr>
<tr>
<td>Goats and sheep</td>
<td>...</td>
<td>...</td>
<td>15-60</td>
</tr>
<tr>
<td>Ponies</td>
<td>...</td>
<td></td>
<td>3-10</td>
</tr>
<tr>
<td>Mules</td>
<td>...</td>
<td></td>
<td>20-010</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>25-150</td>
</tr>
</tbody>
</table>

The principal cattle fair is held at Lidbar in Tahsil Kangra in March. Other cattle fairs are held at Bheka Shah in Palampur Tahsil and Ghosata and Chinihari in Hamirpur. Prevalent cattle diseases are foot and mouth disease, rinderpest, diseases of the spleen, malignant sore-throat, and pneumonia. The Civil Veterinary Department treats cases which are brought to the Veterinary Assistants. For rinderpest inoculation is available, and the zamindars of tahsil Palampur now accept inoculation readily enough; in the other tahsils of the District, though a beginning has been made, this measure is still regarded with some suspicion.

The indigenous breed of cattle is small but strong. The cows give very rich milk, but not a large quantity of it. Attempts were made to improve the breed by the introduction of Government bulls from Hissar; the result was unsatisfactory because the bulls were too large for the small hill cattle. The District Board is now introducing a few bulls of the Dhanni breed from Chakwali in the Jhelum District; these appear to be more suitable mates for the Kangra cows, and the zamindars are taking to them, but they have not been long enough in the District to affect the breed. Sheep and goats form the wealth of the pastoral tribe of the Gaddis, and the Kulu sheep and goats, though not so fine as those of the Gaddis, are hardy and of good quality. There are no Government rams in the District. Many cattle change hands at the religious fair at the shrine of Bheka Shah.

There are few horses in the District, and not very many mules. The ponies of Kangra Proper and Kulu are poor; but the Lahul and Spiti animals are well known for their hardiness, spirit and sureness of foot. There are no horse fairs.

The Government system of mule-breeding has been in operation in this District for the last thirty years, that is, Government donkey stallions have been located from time to time in different parts of the District; but, on the whole, it cannot be said that any appreciable progress has been made in mule-breeding. In scarcely any part are mares kept for breeding purposes, and most of those that have from time to time been covered belong to private individuals; no real progress has been made by the breeders in learning to rear their stock on sound principles. The mules and ponies of this District are, as a rule, kept for pack-carriage and are of an inferior breed; moreover the owners have always shown indifference to all efforts for their improvement.
There are now three Government donkey stallions in the District, one at Dera, one at Rihlu and one at Indaura. There is also a pony stallion, the property of the District Board.

The Gújars alone make a trade of selling milk or ghī and, with the exception of a few very wealthy landholders of other castes who themselves consume a great deal of milk, they alone keep herds of buffaloes. There are two kinds of Gújars in the District, viz., the resident Gújar, who owns fields and a house, and pastures his herd in the neighbouring waste, and the ban or forest Gújar (of Jammi stock), who has no land or fixed home, but moves with his herd, spending the summer in a shed on the high ranges, and the winter in the woody parts, of the low hills. Some few spend the summer in the high ranges in talūka Rihlu, others in the high range in Chamba territory whence they descend in the autumn into Núrpur; they are seldom seen in other parts of Kāngra Proper, except as passers-by on their way through Kúlu and to Mandi. Gújars are not allowed to remain in Kúlu.

Grazing dues on buffaloes formed part of the banwaziri revenue; the rates differed in different talūkas, but everywhere the Gújar herdsman, whether a landholder or not, paid at heavier rates than persons of other castes. In some places the dues were charged on milch cows only at from ten to five kacheha seers of ghī for a Gújar, and two or less for a man of another caste; in other places the charge was per head on the whole herd, the Gújar paying one rupee for a big and eight annas for a small buffalo, and others four and two annas. In most of the old principalities, the Rájás used to put all the woods in thāk (i.e., under prohibition of grazing) for the three months of the rains when the village cattle could subsist on the grass to be got off fallow fields and open grazing grounds. But this rule pressed hard on the Gújars in the low hills, whose buffaloes rely greatly on leaves and twigs; so the Rájás gave them patta or grants removing the thāk from certain plots of forest in their favour. The Gújars call these runs or plots their sodna; they were the exclusive grazing grounds of the Gújar herds until the thāk was removed from the rest of the forest, after which all the cattle of the village grazed over the whole forest indiscriminately. The Gújar’s right to his sodna was much like that of a man to his kharetar; it was an exclusive grazing privilege for a season only. He called his sodna his udrist, and no doubt his right, though a limited one, was as true a property as any other interest in land in the hills. It was held direct of the Rája by patta like the landholder’s fields, and descended from father to son.\(^{(6)}\)

\(^{(6)}\) A Gújar often got his sodna in the forest of a different mauza from that in which he resided and held fields.
The only shepherds in Kangra Proper (excluding a few Kaniees who keep to Bangahal) are to be found among the Gaddis, a race already described on pages 79—82. The other landholders keep no flocks, though nearly every man has a goat or two, and some own a few sheep. This has always been the case in Kangra, for the conditions of sheep-farming suit the Gaddi only: snow and frost in the high ranges, and heavy rain and heat in the low, make it impossible...
Sheep-runs.

Kangra District.

Agriculture

Sheep-runs, rights and customs of shepherds.

to carry on sheep-farming on any large scale with success in any one part of the country. The only way is to change ground with the seasons, spending the winter in the forests in the low hills, retreating in the spring before the heat up the sides of the snowy range, and crossing and getting behind it to avoid the heavy rains in the summer. The shepherds' order of march cannot be given accurately; those who have to go far into the mountains for their summer-grazing start earlier and are back later than the others; but the following dates are approximately correct, and will show what proportion of the year is spent in each kind of ground: at the end of November, or early in December, they arrive in their winter quarters in the low hills, where they remain something less than four months; by the 1st of April they have moved up into the villages on the southern slopes of the snowy range or outer Himalaya, and here they stay two months or more, gradually moving higher and higher till about the 1st June or a little later, when they cross the range and make for their summer or rainy season grounds in Chamba, Bara Bangáhal, or Láhul; after a stay there of three or three and-a-half months they re-cross the outer Himalaya about the 15th September, and again stay on its southern slope from two and-a-half to three months, working gradually down till about the 1st December, when they are ready to move off again to the low hills.

The original home of the Gaddi race was on the head-waters of the Ráví river, in Chamba territory, to the north of the Dháola Dhár or outer Himalaya; the country behind that great range commonly goes by the general name of Gadderan or Gaddi land; but for a long time past great numbers of Gaddís have resided (for part or whole of the year), and held land in that part of Kángra which extends along the southern slopes of the Dháola Dhár from Boh, in talúku Ríhlu, to Bir, in talúku Bangáhal. At least three-fourths of those who live in Kángra have also shares in lands and houses in Chamba territory; and to these families, which own land in both territories, belong most of the shepherds found in Kángra; some however, notably in Núrpur, are subjects of the Chamba State only. All the well-to-do Gaddís in our territory own sheep and goats, some few families as many as a thousand head, many from three to four hundred. They talk of them as their dhau,—a use of the word which expresses the fact that the flock is the main source of their wealth. From about 800 to 1,200 sheep form a flock or handáh; three or four men and several dogs accompany the flock, which camps out night and day the whole year round. If a man owns many head, he takes with him one or more bowal or hired shepherds, but commonly the men with a flock are all part-proprietors; if he has very few he will not go himself, but get a friend or kinsman who is going to take them with his own. In former times the shepherd paid one tax for the winter grazing, another for the spring and autumn, and a third for the summer; the rights and customs connected with the pasture grounds of each season were different, as is still the case to some extent.
To begin with the winter pasturage. There is not much of it; and every good-sized patch of suitable wood or jungle in the low hills is made use of. There is little grass in these places, and what there is is very dry and coarse: the principal plants or trees on which the shepherds depend are—1st *garna* (*Carissa diffusa*), a thorn bush, of which the leaves and twigs are eaten; and, 2ndly, the *bassiti* (*Adhatoda vasica*), a small rank plant or shrub, which is avoided by cattle, but of which the sheep eat the leaves, and the goats the stem, and these two are the green fodder most relied upon by the shepherds: where they abound the *ban* or sheep-run is held to be a good one; after them come the leaves of certain trees, viz., the *bil*, the *kangí*, the *kembal* or *kamíl*, the *dhon*, the *khair*, and one or two kinds of *bel* or tree-creeper. The pasturable country in the low hills is all divided among the shepherds. They call such a division or circuit a *ban*, adding of course a local name to distinguish it from the rest. A forest or jungle extending through several *mauzas* is often reckoned as one *ban*: so also a *ban* is often made up of plots of waste unconnected and scattered over the whole or greater part of a *talúka*. In the greater part of Kangra Proper every *ban* is claimed by some Gaddí family as its *wárisí* or inheritance; the exception is in tahsil Núrupur, of which country the Gaddís commonly say that the *bans* there are open or free, and that there is no *wárisí* in them. The shepherds, like every one else who asserts a *wárisí* in Kangra, attribute the origin of their right to a *patta* or grant from the Rája or State. Some families have old *pattás*; others say they have lost theirs, but can prove possession for some generations.

What this *wárisí* in a *ban* amounts to is a question which has never been decided, and to which the parties interested cannot give a clear answer. In Mr. Lyall's opinion it was rather a *mugaddam* or managership, like the *watan* of Southern India, than an exclusive right of grazing. In former days there were more woods and fewer flocks. An enterprising shepherd came across an unoccupied tract: he hung about the Rája's court till he got access, when he presented a *nazar* or offering, and made his application. If his *nazar* was accepted, he got a *patta* authorising him to graze sheep in the place applied for. Armed with this he set about feasting a company of shepherds to join him in grazing the new *sa trc*: Next year the members of the company brought together their contingents of sheep and goats, and the flock set off into the low country. The holder of the *patta* directed its course and acted as spokesman and negotiator in case of quarrels or dealings with the people along the line of march. He was recognized as the *mahélndí* or *málik kandah*, that

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(9) Some Gaddí shepherds drive their flocks as far as the low hills in Hoshiárpur, a few go to the States of Mandi, Suket, and Biláspur.

(10) Sir James Lyall has heard old shepherds say that down to British rule it was like running the gauntlet to convey a flock across the low country to its *ban*. Every petty official or influential landholder tried to exact something as the flock passed him, a mild man easily daunted had no chance, and the Gaddís picked out their ugliest customers for the work.
is, master of the flock, and the other shepherds as his asāmiān or clients; but he never conceived the idea of demanding from his companions any payment in the way of rent. The obligation between him and his clients was in fact mutual, for though he had the patta for the ban, yet he was responsible to the Rājā for its being properly filled, and, moreover, he required the company of the other shepherds for protection and assistance. When the flock had settled down in its ban and the banwāzīr collector came to make the ginkārī, i.e., to count the head of sheep and levy grazing fees for Government, the mahlāndhi was the man who dealt with him, but every man’s sheep paid at the same rate. In return for the extra trouble imposed on him the mahlāndhi appropriated all the mudāni, that is, the money paid by landholders for the sheep’s droppings. All the cash received in this way was and is by custom the perquisite of the mahlāndhi; in some places however there is no cash for him to take, only food and drink are given, which all share alike. Another perquisite of the mahlāndhi, which has failed of late years, was the price received for sheep or goats taken for the Rājā or local officials. These requisitions were frequent and involved a dead loss, as payments were made at the hākī or ruler’s prices. Each man took his turn to supply these demands, and the nominal price paid went, by custom, to the mahlāndhi.

The above description proves that the interest in a ban of the wāris or holder of a patta was of the nature of a nuggāndāmi or right of management only. The wāris was bound to fill the ban or it would have been handed over to another man or other sheep sent in by the banwāzīr. He had perquisites, but he had also duties to perform; and if he lost his sheep and no longer came to the ban, he not only lost his perquisites, but after a time could not recover his position. There is an old saying to this effect, “no sheep no run.” In Nūpur there are farms which go every year with their sheep to the same ban, but they are not held to have a wārisi therein as the duties and perquisites of a wāris are not in their hands, but in the hands of the contractor of the Rājā of Chamba. Within the last few years, owing to the increase in number and great rise in value of sheep, more than one wāris has begun to exact a fee from the other shepherds who graze with him. Four annas per hundred head is taken in this way in many places, and eight annas per hundred in Dārāpur, in Höptūm, where the Government takes only one rupee per hundred instead of two rupees as in Kāngra. This however is an innovation unauthorised as yet by any order of Government or decree of Court, and in other respects the duties and perquisites of a ban wāris remain unchanged.

11) In Mandi, Suket, and other Native States, it is generally the case that each winter ban is leased out year by year at a lump sum, by which means the necessity of counting the sheep and charging per head is avoided. But even in this case all the sheep in a flock pay equally, the lump sum is divided equally, upon heads of sheep.

12) The wāris of a ban generally takes the position of leader of the flock, so the of mahlāndhi is commonly applied to him, but a man may direct a flock and be called mahlāndhi without having any claim to a wārisi of the ban.
Chamba dues.

Mr. Barnes, in his account of the Gaddís, says:—"Two rupees per every hundred sheep or goats are paid to our Government as pasturage tolls, and one rupee for a like number is paid for a similar privilege in Chamba." This is not quite accurate; the two per cent. is paid everywhere to our Government, but the one per cent. to the Rája of Chamba is paid only by the shepherds who graze in tahsil Núrpur; and this one per cent., together with the mailání or manure money, which the Rája also takes, is not collected, as might have been expected in Chamba, but in our territory, at the same time with our two per cent. but by a different agency. The explanation of this lies in the fact that the one per cent. is not paid really, as Mr. Barnes supposed, on account of grazing in Chamba, but rather on the principle which he mentions in the same paragraph, whereby the Gaddís as subjects of Chamba, if fined in Kángra, used to have to pay another fine for the same offence in Chamba. The Rája gets the one per cent. in Núrpur only; and in that half of Kángra Proper which lies to the east of the Bánganga and to the south of the Beás river he gets nothing; but in the country between the Bánganga and Núrpur he does get something, though not the one per cent. or anything nearly equal to it. This something consists of certain small sums of cash assessed on each ban, and paid without variation year by year by the shepherds in each ban. These bans, which pay a fixed tribute to the Rája, are nearly all in the old Goler principality. It may be asked why the Rája does not take one per cent. or some equivalent from all the Gaddí shepherds if he claims it in virtue of his general suzerainty over the race, and not on account of the grazing in Chamba. The cause of the difference was made out by Mr. Lyall, after cross-examining many Gaddís, to be as follows: The shepherds of the Núrpur bans, who pay one per cent., are all pure subjects of Chamba, who have no homes in our territory, and pasture their flocks in spring, summer, and autumn in Chamba. The shepherds of the Goler bans, who pay a fixed tribute per ban, have, for the most part, homes in both territories, but they either stay the summer in Chamba territory, or at least pass through it on their way to Láhul. The shepherds of the trans-Boner and trans-Ráví bans, who pay nothing, have generally homes in British territory only, and either spend the summer in Bangáhal or Kúlu, or go to Láhul by routes which avoid Chamba territory. There is a tradition that originally all the shepherds paid or at least were supposed to be bound to pay to the Rája. The Núrpur shepherds, being completely under the Rája's thumb, have never to this day objected; but the others became gradually weakened in their

(13) It should be remembered that each dhár or summer grazing ground in Chamba pays a fixed lump sum rent to the Rája. The one per cent. therefore cannot be on account of the grazing in the dhárs. If it has anything to do with grazing in Chamba it must be account of the grazing coming and going between dhárs and the winter bans.

(14) There is a mistake in these Goler bans, but Mr. Lyall quotes one case in which the wáris has from neglect and poverty lost his title; since he has ceased to come, the Chamba Rája's contractor has taken over the management, sending in sheep and collecting not the small tribute, but per head at the Núrpur rates.
allegiance, and at length openly refused to pay anything on account of their winter-grazing in Kangra. Hereupon the Raja imposed a heavy fine: the Goler men to avoid the fine and future consequences, came to a compromise, and agreed to pay, not all that was demanded, but a light tribute instead: but the others stood firm, and would come to no terms; so the Raja was compelled to content himself with realizing the fine from them as he could, and dropping the claim for the future.

In Nûrpur the shepherds, when they first descend from the high ranges, collect at Dhami under the Hâti Dhâr, and at a place near the town of Nûrpur. Here the Chamba Raja's contractor meets them, and orders them off the bans, so many to one, so many to another. Certain families always go to the same ban, but the contractor, at his discretion, sends outsiders to graze with them. The company told off for each ban keep their sheep together in one great flock till the time comes for the gûnkâi or collection of grazing tax, after which they separate and each shepherd takes a line of his own. The mailâni or manure money, taken before the gûnkâi, goes to the contractor; after that date it goes to each individual shepherd. Sometimes the contractor agrees with the shepherds of particular bans to take one and a-half or two rupees per hundred head in full satisfaction of all claims including the mailâni. Thus in the Nûrpur bans, the Raja's contractor is to some extent in the position held by the wâris in other bans. The contractor is always a Gaddî, and, for the time being takes the position, not merely of a contractor, but also of headman of the shepherds. Some day or other the question may come up whether or no a family, which has for a length of time driven its flock to a certain ban along with that of the wâris, has or has not acquired a kind of tenant right,—a right to send in sheep in preference to any new man whom the wâris or the contractor might wish to put in instead. In Nûrpur certain families confidently claim such a right. In other parts great difference of opinion would appear if the question was raised; but if long association was proved, a Court would not, in Mr. Lyall's opinion, have public feeling against it if it decreed such a right.

In coming and going between winter and summer grounds the shepherds spend some two months in the spring and three months in the autumn on the Kangra side of the outer Himalayan range, in what are familiarly called the kandî dhâr. A pasture ground for a flock in these high mountains is generally termed a dhâr: in

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(15) Mr. Lyall has heard the shepherds in other parts of Kangra abuse this Nûrpur system of grazing as bad and wasteful, and attribute the fault in it to the want of a wâris in each ban to keep order. In our country, they say, when the sheep reach the ban the big flock is divided at once into smaller flocks, each of which goes once for all into a recognized bānt or sub-division of the ban; each bānt is grazed very carefully, the lambs being kept in the van, the sheep in the centre, and the goats in the rear of the column.

(16) The kandî villages are those along the side of the great range from Boh to Bir some fourteen or fifteen in all; they contain all the Alpine country in Kangra Proper, excepting that part of tâjâka Bangâhal which is shut off from it by high ranges.
common parlance the word *goth* is also used, but it applies properly not to a pasture ground as a whole, but to the level places on which the flock is penned at night: there are often, therefore, three or four *goth* in one *dhár*. Each *dhár* has its local name and more or less recognized boundaries. There are also two classes of *dhár*—the one in the bare rocky ground above the line of forest, described in Rihdī as a *kowin* and elsewhere as a *nipāhr*; the other lower down in or among the forest, known as a *kumlī* or a *dhár*. These two kinds of *dhár* are not used at the same time, nor are the flocks in either for the whole five months. For instance, in the autumn the flocks cross the range from the Chamba side early in September, and spend about ten days in the *kowin*; hence they descend into the *kumlī* and stay there some five or six weeks; when the crops are cut and cleared off the fields below, they leave the wastes and descend first to the upper hamlets, and then to those in the valley: they stay a month or more in these parts, finding pasturage among the stubble or in the hedge-rows, and are penned every night on some field for the sake of the manure. Much the same course is followed in the return journey in the spring.

In former times the shepherds paid a due to the native government on account of this spring and autumn grazing under the name of *langokarā*, *i.e.*, crossing tax. Each *dhár* (if occupied by a flock) paid one or two goats and the fleece of a sheep. They were collected by a village official known as the *drīkār*, who was always a Gaddī and was entitled to take certain perquisites from the shepherds. In Pālam those dues were an item of the *bamawzirī*, but in Santa or Rihdī they seem to have been collected with the land rents by the village *kārdār*. Until the *langokarā* was abolished, there was some rough management of the *dhārs*; certain shepherds were told off to each *dhár*; regular comers claimed a right to occupy the same ground year by year. But since Settlement, no tax has been levied, and all the *dhārs* have been free: the same families of shepherds come as before, but they tumble in as they can, the first comer occupying any ground he chooses. This is accepted in all the *kumlī* villages, except Kaniāra and Narwānā. In these two, which contain many *dhārs*, a *wārisī* or title to some (not all) of the *dhārs* is claimed, and seems to be admitted. This *wārisī* is of two kinds: the one a title to pasture, the other, in practice at least, only a title to manure. For instance, in these two villages, certain families of shepherds claim certain *dhārs* as their own, meaning that they have an exclusive right to graze their flocks in them in the autumn. Other families, not shepherds, also claim certain *dhārs* as their own, only meaning however, that any flock which occupies them is bound to spend some days and nights in manuring their rice-fields. All the flocks, when they descend into the valley in the autumn, spend some time in sitting on the fields, but, except in these cases, the shepherd is free to agree to sit on any man's land he pleases: whether he is also free to leave the village at once without sitting on the land is a
moot point: the general feeling is that he ought to halt a certain
time for the good of the village, and with rare exceptions he always
does so. In going up in the spring the dhārs are all free even in
Nawānā and Kānārī: there was always this distinction between
spring and autumn pasturage of the dhārs, even in former times
when they were all under official management.

Most of the Gaddi shepherds who are to be found in autumn,
winter, and spring in Kāngra Proper, have their summer or rainy
season dhār, or sheep-run, in Chamba territory. These summer
dhārs are always of the higher class, that is above the limits of
forest on the bare heights, which at other seasons are covered with
snow. They are held at a fixed cash rent direct of the Rāja of
Chamba, and not of the village or township in whose bounds they lie,
but sometimes the shepherd is also bound, by custom, to pen his sheep
several nights on the village lands, or to present a sheep for sacrifice
at the village shrine, to be there consumed in a feast by the villagers.
There is, however, one exception to this rule, that the dhārs are
held direct of the Rāja; the inhabitants of the village of Kūktī at the
head of the Bhāmāur Valley which is surrounded by large tracts of
waste, boast that they have always held from the Rāja the lease of
all the Kūktī dhārs, with power to admit what shepherds they
please, and they do not admit that the Rāja could now lawfully alter
this arrangement. They claim in fact a kind of corporate property
in the dhārs, limited however to the sheep-grazing; the right of
netting and snaring musk deer in the same tract is leased by the
Rāja direct to Bangāhal men or other outsiders.

In most of the dhārs some shepherd family claims a wārisi,
but, as in the case of the winter bān, the flock in a dhār commonly
belongs to several families and not to the wāris alone. In Chinota
and most of the cis-Rāvī country, when the shepherds make up the
accounts of common expenses in the dhār, the wāris pays 5 per
cent. less than his proper share;17 but across the Rāvī, in Bhāmāur,
and again in Lāhlūl no such deduction is made, and all pay alike.
The association in fact is a brotherly one, no rent or fee being given
or taken. Everywhere, however, stray sheep left behind, or mixed
up with another flock, as often happens in the hurried marches over
the passes on the snowy range, are the perquisite of the wāris, or of
the mahlūndhi, who is, as a rule, of the wāris family.

The Chamba dhārs had to be noticed though they are not in
Kāngra Proper, or even in British territory. The Lāhlūl dhārs are
described in the chapter for Lāhlūl and Spīṭi, to which they belong.
The only summer dhārs actually in Kāngra Proper are those in the
kothis or township of Kodh and Sowār, in talūka Bangāhal, some
fifty-seven in number, of which all but eight are behind the outer

17 The common expenses would include rent of dhār, salt, and food brought for
shepherds and dogs. The shepherds divide the sum total ratably on the head of
sheep and goats owned by each of the company, 5 per cent. being deducted from the
head owned by the wāris for the purposes of the division.
Himalaya in that part of the taluka known as Barā Bangáhal. The fact is that on the north side of the outer Himalaya the rainfall in the summer is not half so heavy as on the south side; instead of heavy showers falling almost every day and all day, there is fine rain or drizzle, with many bright clear days between. The upper dhárs in the kandi villages would be used as summer dhárs if it was not for this heavy rainfall in which sheep cannot be expected to thrive.

There is a wárisi in these Bangáhal dhárs; a few are owned by Gaddís; one by a family living in Mandi territory; all the rest belong to some one of the many Kanet hamlets in Kohá and Sowár. They belong to the hamlets because, practically all the men of a hamlet, and not one Kanet family only, seem to enjoy equally the benefits of the wárisi; but in the pattás or deeds the original grant seems to have been made in the name of some individual Kanet. Many of these pattás, granted by Rájás of Kílú, to whom the country used to belong, are in possession of present occupants of the dhárs. But the chief value of a dhár to the men of a Kanet hamlet does not lie in the grazing; their dhárs would be more than half empty, but for the fact that all the Mandi shepherds send their flocks to summer in Bangáhal. The Bangáhal Kanets compete among themselves to get the Mandi shepherds to go to their dhárs, and in return the latter, on the way between Mandi and the dhárs, stop and manure the lands of the hamlet with which they have agreed for the grazing. This is the only fee taken by the owners of the dhár, and they put such a high value on this manure that they not only feed the shepherds gratis while they stop at the hamlet but do so also while they are on the dhár, sending up extra supplies when the first are exhausted—a journey of from one to three days for a laden man.

The Mandi shepherds pay a tax to Government on account of their grazing in Bangáhal. Gaddís used to pay at the rate of Re. 1-4 per hundred and Bangáhal Kanets at the rate of one anna per head, or Rs. 6-4 per hundred. Mr. Barnes excused the Gaddís, on the ground that the 2 per cent. which they paid in winter in Kángra was enough to cover the whole year’s grazing, and the Bangáhal Kanets on the general ground that no grazing tax ought to be taken from landholders for grazing in the bounds of their own township. Besides this regular grazing tax, the kándár of Bangáhal used to levy certain dues on the dhárs under the name of pattá chugáí. For the purpose of assessment, each dhár was rated at so many bowál. The word, in its usual sense, means a shepherd, but, as a measure, it means a run in which 150 sheep, or thereabouts, can graze. If the dhár belonged to a Gaddí, it was assessed at about fourteen annas per bowál; if to a Bangáhal Kanet, then at the rate of five annas only.

(18) The Gaddís did not ordinarily pay in cash, but in kind, at the following rate per bowál, viz., 2½ sers of wool, 2½ sers of rice, 2 swa llígouts.
Section B.—Rents, Wages and Prices.

The rent in kind is generally a share of the produce whatever it may be more or less, but in Kangra and Palampur Tahsils, the rent of a considerable area of irrigated land is paid in a fixed amount of grain of certain kinds, and such rent is known as rurhu. It is a relic of old fixed grain assessments which existed in the Sikh times, and the abolition of which at the first settlement Mr. Lyall was inclined to regret. Mr. O'Brien thought the rurhu system of paying rents was unsuited to those tracts in which crops are uncertain; and as a fact it scarcely exists in irrigated land, but of the irrigated land in the two tahsils mentioned about 7 per cent. pays rurhu. The rents paid on this land would have given a very fair idea of what the revenue rate on irrigated land should be, but as far as I can find out this mode of calculating the Government share was not taken up. In cases where rent is paid by actual division or by appraisement of the crop, the shares are almost always one-half, two-fifths or one-third.

The following statement shows the percentage by Tahsils:

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>Half</th>
<th>Two-fifths</th>
<th>One-third</th>
<th>Average share of produce taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kangra</td>
<td>99-46</td>
<td>19</td>
<td>25</td>
<td>499</td>
</tr>
<tr>
<td>Nûrpur</td>
<td>29-06</td>
<td>40.34</td>
<td>30.60</td>
<td>498</td>
</tr>
<tr>
<td>Dehra</td>
<td>77-70</td>
<td>33.88</td>
<td>18.52</td>
<td>465</td>
</tr>
<tr>
<td>Hamîrâpur</td>
<td>60-40</td>
<td>17.52</td>
<td>13.08</td>
<td>461</td>
</tr>
<tr>
<td>Palampur</td>
<td>98-42</td>
<td>32</td>
<td>12.85</td>
<td>498</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>69-80</td>
<td>15.35</td>
<td>14.85</td>
<td>462</td>
</tr>
</tbody>
</table>

In the two rich Tahsils of Kangra and Palampur the share is almost invariably a half. Dehra and Hamîrâpur are almost equal. In Nûrpur, where it is not so easy to get tenants, less than a third gives half the produce; and, taking all the land together, the share is only two-fifths.

Wages are given for quinquennial periods in Table 25 of Part B but the figures for the earlier years are of doubtful value. Skilled labour now commands from 6 to 8 annas a day as in 1880. Coolies
employed on carriage of goods or road-making, building, &c., who, could earn from 2½ to 3 annas a day in 1882, can now easily make from 3 to 4 annas. Labourers on tea-plantations are paid at the rate of Rs. 4 and 5 a month. Carts fetch 12 annas per bullock per day, mules from 8 to 10 annas and camels from 4 to 8 annas. Donkey-naire ranges from Rs. 5 to Rs. 6-4 per score per diem.

In fixing the average prices of produce it was found that the statistics given in the Gazetteers were useless as they were for Dharmśāla, the head-quarters which lies on the main range at a considerable distance from the greater part of the district and where prices are invariably higher than in the valley generally. Mr. O'Brien, therefore, examined the account books of money-lenders and landowners; but while it was beyond doubt the case that prices had risen very considerably since the regular settlement it was often difficult to say what the actual increase had been. In tracts which generally do not grow enough to feed their own population and where there are no large marts it is very difficult to find out with fair accuracy what the real prices of agricultural produce have been at various times. Prices depend on the character of each harvest. If there is a good harvest the zamindārs have some surplus produce to sell or rather to place to their credit with the money-lenders. The only prices are the sums which the latter give to the zamindārs for their grain payments, and thus there can be no real prices current. The only thing that can be safely said is that prices have greatly risen. The common saying is that when Mr. Barnes made his settlement the all-round price of grain was a maund pakka or... 40 sérst, and that it is now a maund kacha or 16 sérst.

The following figures for Kāngra and Pālampur have been taken from shopkeeper’s books; and the rates for Pālampur in Mr. Barnes’ time are also given in sérst per acre:

<table>
<thead>
<tr>
<th></th>
<th>Kāngra average price 1860-61</th>
<th>Kāngra average price 1871-86</th>
<th>Pālampur prices at Mr. Barnes’ settlement 1860</th>
<th>Pālampur average prices 1882-90</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maund</td>
<td>Churi</td>
<td>Maund</td>
<td>Churi</td>
</tr>
<tr>
<td>Rice</td>
<td>...</td>
<td>...</td>
<td>32</td>
<td>16</td>
</tr>
<tr>
<td>Maize</td>
<td>...</td>
<td>...</td>
<td>48</td>
<td>21</td>
</tr>
<tr>
<td>Wheat</td>
<td>...</td>
<td>...</td>
<td>37</td>
<td>19</td>
</tr>
<tr>
<td>Barley</td>
<td>...</td>
<td>...</td>
<td>52</td>
<td>28</td>
</tr>
</tbody>
</table>
The rates actually adopted are given below for certain places in sârs per rupee and compared with the rates used in the recent settlement of Pathánkot Tahsil in Gurdâspur:

<table>
<thead>
<tr>
<th></th>
<th>Kangra</th>
<th>Palampur</th>
<th>Nâgrâpur</th>
<th>Hamirpur</th>
<th>Nadanâ jagir</th>
<th>Dehra</th>
<th>Pathânkot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rice ( unhusked)</td>
<td>22</td>
<td>18-40</td>
<td>36</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>28</td>
</tr>
<tr>
<td>Maize</td>
<td>36</td>
<td>32</td>
<td>36</td>
<td>40</td>
<td>45</td>
<td>36</td>
<td>28</td>
</tr>
<tr>
<td>Wheat</td>
<td>26</td>
<td>26</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>26</td>
</tr>
<tr>
<td>Barley</td>
<td>36</td>
<td>36</td>
<td>42</td>
<td>40</td>
<td>40</td>
<td>41</td>
<td>33</td>
</tr>
</tbody>
</table>

It may be safely said that prices have doubled since the time of Mr. Barnes, and that the prices adopted in forming the half assets estimate erred, if at all, in being too low.

But whatever the rise in prices may have been it has benefited, not the zamindârs generally, but only those who own large holdings and have a surplus of produce for sale. "The argument for an increase of assessment derived from the rise in prices loses most of its force where the majority of holdings produce barely enough to feed the owners and their families, so that there is really no surplus for sale upon which to reap the advantage of the rise.

As Mr. O'Brien pointed out, when a holding produces just enough to feed the family that owns it, it does not affect that family if the produce is selling for its weight in gold; and in the Government orders on the first assessment report it was admitted that a rise in prices was no reason in itself for a proportionate rise in assessment. In some cases, however, it was the only ground on which the Settlement Officer had to depend in raising the jama.

Section C.—Forests.

The Forests of the District are under the Deputy Conservators of the Kângra and Kûlû Divisions, who have their head-quarters in Dharmasâla and Nagar, respectively.

The area of forest on the books of the Kângra Forest Division is just under 1,200 square miles. This excludes the Lambagrâon
The wild bamboo, बाँस or बांसलु (Dendrocalamus strictus) is found in almost all the ranges that skirt the plains. There are extensive forests in the hills of Chauki Kotlehr, conveniently situated in the neighbourhood of the river Sutlej. The bamboo appears again in a profusion in तलाक़ाs Siba and Datāpur (in Hoshiārpur) where considerable areas covered with bamboo have been marked off as Government reserves. Some of the Nūrāpur bamboo forests are of good quality. In the snowy range two or three diminutive species occur. One, called रिंगाल or रिंगदी, (2) is used by the people for wickerwork and for lining the inside roof of their houses; another kind called गिरौल (3) is in request for the sticks of लक्क़ाs. Besides those wild varieties there are four different sorts of cultivated bamboo. Two of these, the मागर and the मोहर, (4) grow in the valleys and attain a size and height not surpassed in Bengal; the other two species, called नाl and फ़हल्ट, are usually found in the upland

(1) The Kangra Forest Division includes the forests situated in the Tahsils of Kangra, Nūrāpur, Dera, Hamirpur and Pālampur of Kāngra Proper, and that portion of the Una Tahsīl of the Hoshiārpur District which lies between the Kāngra District and the Sohān Khād, together with two large bamboo forests in the Dāsīya Tahsīl of the same District. Each Tahsīl forms a separate forest range, except that all the Hoshiārpur forests are included in the Dera Range. In addition to the forest area the Division comprises the control of the Beās river from the Mandi State border to its junction with the Sutlej at Harīki Ghāt in the Lahore District, with sale depôts at Nadāūm, Nowshara and Walsī Bhūlar, and transit depôts at Katrā, Hora and Sīrī Gobindpūr. Much of the river work is connected with the Government timber coming down from the Kulu forests, which is in the charge of the Kāngra Divisional Officer after it has passed the Mandi border.

The whole of the Division is situated in the basin of the Beās river, except the लिदौ of Barā Baghāl which occupies the headwaters of the Rāvī river, and the southern portion of the Hamirpur Tahsīl which drains into the Sutlej. Omitting the outlying Dāsīya forests, the Division is adjoined on the north by Chamba, on the east and south-east by Kūlī, Mandi and Bīlāspūr, on the south-west by the Hoshiārpur District and the Beās river, and on the north-west by the Gurdāsīpūr District.

(2) Or निंग्लिस (Arundinarxa falcula). It occurs below 7,800 feet.

(3) Also called गरोह in Kūlī (Ar. spathifera). It occurs above 7,800 feet.

(4) Mr. E. M. Coventry writes :-Magar and mohr are the same bamboo, viz., Dendrocalamus Hamiltonii. It is called mohr towards Nūrāpur and मागर in the rest of the District. The other bamboo is नाl or चाँद्री, which I am nearly certain is Bambusa Vulgaris. Specimens are being sent to Calcutta for Identification. नाl is found in the same localities as मोहर and both extend up to 4,000 feet or rather more. Magar is a large bamboo with greyish green culms; नाl is smaller and has bright green or yellow shining culms. A 3rd bamboo, viz., Bambusa arundinae (also called मोहर) has been planted to some extent in Dhamtal Reserve, but does not do well. It grows well in gardens in the plains. There is a bamboo which grows at about 4,000 feet and is called नाl. It appears to be Bambusa Vulgaris.
villages. In the cylinder of the nádl a substance sometimes coagulated, sometimes liquid, is discovered, known in Hindustán by the name of banštórchan, and highly valued for its cooling and strengthening properties.

Of pines by far the commonest and most useful is the *Pinus longippila* or *chil* which grows luxuriantly on the northern declivities of the inner hills. This pine appears to be very hardy, and adapted to a great variety of climate. Detached trees are seen in the Jawalámukhi Valley, at an elevation of only 1,000 feet above the sea and still lower on the banks of the Chakki, while the same species is found on the snowy range as high as 6,000 feet. On poor shallow soils and exposed situations the growth is stunted, and the wood worth little or nothing. Under favourable conditions the forests consist mainly of well grown trees which in exceptional circumstances may attain a girth of 12 feet and a height of 120 feet, though dimensions of 7 to 8 feet and 80 feet more commonly form the respective limits. The species grows best at elevations of from 4,000 to 5,500 feet. In sheltered localities the forest consists mainly of erect, well-shaped trees, some of which will yield beams thirty feet long and planks upwards of two feet in width. The luxuriance and compactness of the timber increase with the elevation up to 5,000 or 5,500 feet, and the climate of this region appears the best suited for its development; above and below this point the tree gradually deteriorates. In easily accessible positions mature pine has become scarce, and it is only in the more secluded areas that trees of this class are at all common. In those remote tracts, where water carriage is not available, there still remain extensive forests. The most extensive lie in the northern portions of the Dera Tahsil, the northern slope of the hills above Jawalámukhi, the eastern parts of Tahsil Hamirpur; the upper portion of the Pálam Valley, and underneath the fort of Pathiár in Tahsil Kángra. The wood of the *chil* is not held in much repute. If kept out of the influence of the atmosphere, it will last for many years; but lying in the forest, exposed to the weather, the timber becomes perfectly decomposed in the course of two years. It is however seasoned by being floated down the Beás and hence, though not esteemed locally, is in good demand at Amritsar and elsewhere in the plains for building purposes.

There are two species of fir found in the snowy range above Dharmášála. The first and the more common is the *rai* (*Picea morinda*). This tree is first found at an elevation of 8,000 feet and ranges to 10,500 or 11,000 feet above the sea. It is a beautiful cypress-like spruce, exceedingly straight, and attaining a length of 90 to 100 feet. The wood, however, is even inferior to that of the *chil*, and the people make little or no use of it except for cutting shingles to be used in roofing. The other fir is called the *tos* (*Abies Webbia*). This tree has a more limited range than the *rai*, being seldom found lower down than 8,000 feet. The branches of the *rai*

(1) Very few *chil* are now left, though it grows well between 2-6,000 feet. E. M. O.
are more drooping than those of the *tos* and the leaves are fewer and of a lighter green. The wood, like that of the *rai*, is not much valued and, growing at a greater elevation, is not even applied to roofing purposes. (1) The *kelu* (*Cedrus Libani* or *deodara*) is only found in Kangra proper as an indigenous tree in Bangáhal and above Takwáni in Pálampur, where a few specimens occur on cliffs.

The Dháola Dhár produces four varieties of oak. The commonest kind is the bán (*Quercus incana*), which appears to have a considerable range. It is found in the lower hills as low as 3,000 feet, and ascends as high as 8,000 feet. The wood is tough and hard, but liable to warp and to decompose on exposure to wet. The English residents at Dharmásála have used this timber for beams and rafters in building their houses. The people of the valley esteem it for their sugar and oil mills, but seldom use it in the construction of their dwellings. During the winter season the evergreen leaves of this tree and indeed every species of oak, furnish fodder for cattle and sheep. Higher up the range occurs the kharsu (2) (*Quercus semecarpifolia*) the leaves of which are prickly like the holly, and prized above those of other kinds as food for cattle. This oak seldom grows lower than 7,500 feet, and ascends even beyond the range of pines and firs. The banni (*Quercus glauca*) is found occasionally growing with the *incana*. The *mohru* (*Q. dilatata*) occurs only in Bangáhal. The bán yields excellent fuel and charcoal.

Besides these trees, the main range produces several varieties of rhododendron, the horse chestnut, the holly, the maple, the yew, the alder, the wild pear or medlar, a species of poplar, the box, and the birch.

The mauhwa is widely diffused over the lower hills, and in parts of the Núrpur Tahsil exists in abundance. A spirituous liquor is drawn by distillation from its flowers, and a thick oil, adapted for the manufacture of candles, is expressed from the seed. The flowers are collected as they fall from the tree in May, and are sold by the people to the *kalál* or distiller, at the rate of fifty seers for the rupee. After soaking for three days in water fermentation sets in, and the process of distillation begins. The people burn the oil in lamps, and traders sometimes use it to adulterate *ghi* (clarified butter) intended for exportation. Scattered specimens of this tree (common on the Jaswan hills in Hoshiárpur) are found throughout the low-lying forests. They are very valuable. The *havári* flowers in May and the fruit ripens in October or September. It consists of a nut enclosed in a thin exterior rind, the latter being the valuable part. It is used as an aperient medicine, and has also tonic properties calculated to promote digestion. It also forms a dingy yellow dye. The fruit is exported by traders from the plains, who generally contract for the trees severally according to the estimated produce of

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(1) The *tos* is commoner than the *rai* and is now used for building. Both *tos* and *rai* wood are used for tea-cheasts by the planters.

(2) Called *aks* in Kangra proper.
The larger the fruit the more active its medicinal qualities.

A single nut will sometimes sell for a rupee. The ordinary price, however, is ten or eleven seers for the rupee. Its most important use is in tanning.

Isolated trees of tun (Codrera Toona) and the táli or shisham (Dalbergia Sissoo) are found throughout the District. Formerly they were reserved as the special property of Government, and no one was allowed to cut them without permission. The tun grows luxuriantly, but the climate does not appear congenial to the shisham, which seldom attains any size. The sál (Shorea robusta) occurs at Andreta in the Pálam Valley and at Shintla on the left bank of the Beás, but the species does not grow to a large size and is mixed with Pinus longifolia. There are seven or eight species of Acacia and Albizia, some of which, however, are merely shrubs. The ohi (Albizia stipulata) is a very elegant tree and grows rapidly, but the wood is light and not valuable. The two most esteemed species are the siris (Albizia Lebbeck) and the khair (Acacia Catechu), which is confined to the outer hills bordering on the plains. The following are also valuable as timber trees. The jamán (Engenia jambolana); the arján (Terminalia Arjuna); the kakar or kakrain (Pistacia integerrima), a very handsome yellow-grained wood; the kámal (Mallotus philippinensis) is only used for fuel; and the chamba, a species of Michelia Champaca. This last tree is not found wild; it is cultivated like the mango, and grows at the same elevation, but is not very common. The grain of the wood is very compact and close, and for door-posts, lintels and rafters is much prized; but for beams the weight is too heavy, and from its liability to warp it is not fitted for planks. In Gamble’s ‘Indian Timbers’ the wood is described as soft and even-grained. It is lighter than chil and is used for furniture, door-panels, etc. The badrol (Machilus odoratissima) is not used for timber.

The following are the principal medicinal trees produced in the hills: The kantiá (Cassia Fistula); the keor (Holarrhena antidysenterica); the bahira (Terminalia belerica); the japhhóla or dauí (Satropha Curcas).

Among the wild fruits are the cherry, raspberry, blackberry, barberry, strawberry, medlar, two kinds of edible fig and the ber (Zizyphus Jujuba). Almost every dwelling in the hills is encircled with fruit trees of various kinds in a half wild and half cultivated state. The most common cultivated fruit trees are the mulberry, mango, plantain, peach, pomegranate, lime (sweet and acid), citron, orange, and in the upper villages walnut and apricot. The last named tree, though exceedingly common in Kúlu and the eastern Himalaya, is scarce in Kángra Proper. In gardens belonging to the more wealthy classes may be added the grape, the quince, the apple, a small yellow plum (alúcha) and the guava.

(1) The sál here attains its western limit. It is not seen beyond the Rávi—

Cleghorn).
The bokh (Ficus bengalensis), the pipal (Ficus religiosa) and the simal, or cotton tree (Bombax malabaricum) are commonly found up to an elevation of 4,000 feet. One of the most common trees on the ridges of the fields is the dhāman (Grewia oppositifolia) the branches of which are cut in the winter time as provender for the cattle. It is also called biāl.

The following is a list of the principal trees, shrubs and wood climbers found in Kāŋgra:

<table>
<thead>
<tr>
<th>Natural order</th>
<th>Botanical names</th>
<th>Vernacular names</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranunculaceae</td>
<td>Clematis Montana</td>
<td>Geor Bel</td>
<td>A showy climber at 5,000' and over. Also various other species.</td>
</tr>
<tr>
<td>Menispermaceae</td>
<td>Cocculus laurifolius</td>
<td>Jhol</td>
<td>A showy climber at 4,000' and under.</td>
</tr>
<tr>
<td>Berberidaceae</td>
<td>Berberis aristata</td>
<td>Parora</td>
<td>Small tree in the lower hills.</td>
</tr>
<tr>
<td>Capparidaceae</td>
<td>Capparis sepiaria</td>
<td>Batiudu</td>
<td>Small but very common climber.</td>
</tr>
<tr>
<td>Bixaceae</td>
<td>Flacourtia Ramontchi</td>
<td>Kasmal</td>
<td>Common shrubs.</td>
</tr>
<tr>
<td>Hypericaceae</td>
<td>Xylosma longifolium</td>
<td>Barna</td>
<td>Tree of the lower hills—cultivated.</td>
</tr>
<tr>
<td>Malvaceae</td>
<td>Bombax malabaricum</td>
<td>Hiun Garna</td>
<td>Common in hedges in lower hills.</td>
</tr>
<tr>
<td>Sterculiaceae</td>
<td>Helicteres Isora</td>
<td>Kaka Kāŋgā</td>
<td>Small tree of lower hills. Very common.</td>
</tr>
<tr>
<td>Lineae</td>
<td>Reunionia trigyna</td>
<td>Chirindi</td>
<td>Also other species. Shrubs with striking yellow flowers.</td>
</tr>
<tr>
<td>Malpighiaceae</td>
<td>Hiptage Madabotla</td>
<td>Pula</td>
<td>Tree of the lower hills.</td>
</tr>
<tr>
<td>Rutaceae</td>
<td>Agle Marmelos</td>
<td>Simal</td>
<td>The cotton tree. Common in fields; occasionally in hard-wood forests.</td>
</tr>
<tr>
<td>Meliaceae</td>
<td>Zanthoxylum alatum</td>
<td>Thimar or Timur</td>
<td>Shrub of the low hills.</td>
</tr>
<tr>
<td>Ilicineae</td>
<td>Limonia Acidissima</td>
<td>Bilan</td>
<td>And other species. Common in fields and hedges.</td>
</tr>
<tr>
<td>Celastrinaceae</td>
<td>Molla Azedarach</td>
<td>Ban mirch or Nārgār.</td>
<td>Occur in low hill forests.</td>
</tr>
<tr>
<td>Eucalypti</td>
<td>Koenigii</td>
<td>Gāndā</td>
<td>A conspicuous yellow flowered shrub of the lower hills.</td>
</tr>
<tr>
<td>Celtis</td>
<td>Cedrela Toona</td>
<td>Drek or Bakain</td>
<td>A large and fairly common climber of the low hills.</td>
</tr>
<tr>
<td>Rhamnaceae</td>
<td>Serrata</td>
<td>Bil or Bel</td>
<td>Common tree of low hills; fruit used medicinally.</td>
</tr>
<tr>
<td>Ilex</td>
<td>Ilex dippymera</td>
<td>Thimi or Timur</td>
<td>Fairly common shrub of medium altitudes. Wood used for tooth brushes and sticks.</td>
</tr>
<tr>
<td>Enonymus</td>
<td>Enonymus ambriatis</td>
<td>Barl</td>
<td>Common tree of low hills.</td>
</tr>
<tr>
<td>Celastrus</td>
<td>Celastrus paniculatus</td>
<td>Ban</td>
<td>Low hills shrub.</td>
</tr>
<tr>
<td>Gymnosporia</td>
<td>Gymnosporia Royleana</td>
<td>Tān</td>
<td>Common low hill shrub.</td>
</tr>
<tr>
<td>Elaeodendron</td>
<td>Elaeodendron glandum</td>
<td>Tim</td>
<td>Tree of the low hills. Not very common.</td>
</tr>
<tr>
<td>Rhamnus</td>
<td>Rhamnus dauricus</td>
<td>Koval</td>
<td>Shrub at medium altitudes.</td>
</tr>
<tr>
<td>Sageretia</td>
<td>Sageretia oppositifolia</td>
<td>Kāo thalhibā</td>
<td>Tree at medium altitudes. Not common.</td>
</tr>
<tr>
<td>Helianthus</td>
<td>Helianthus lanceolatus</td>
<td>Galodan</td>
<td>Small tree of lower hills.</td>
</tr>
<tr>
<td>Purpureus</td>
<td></td>
<td>Girgitān</td>
<td>Shrub of the low hills.</td>
</tr>
<tr>
<td>Triquetra</td>
<td></td>
<td>Muriān</td>
<td>Fairly common creeper of the low hills.</td>
</tr>
</tbody>
</table>
### Chapter I.C.

#### KANGRA DISTRICT

<table>
<thead>
<tr>
<th>Natural order</th>
<th>Botanical names</th>
<th>Vernacular names</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rhamnaceae</strong></td>
<td><em>Zizyphus Jujuba</em></td>
<td>Bér</td>
<td>Common tree in the low hills.</td>
</tr>
<tr>
<td><strong>Sapindaceae</strong></td>
<td><em>Aesculus (Pavia) indica</em></td>
<td>Mandur</td>
<td>shrub</td>
</tr>
<tr>
<td></td>
<td><em>Acer caminum</em></td>
<td>Shauor or Gún</td>
<td>Common higher hills.</td>
</tr>
<tr>
<td></td>
<td><em>A. candatum</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>A. villosum</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Dodonaea viscosa</em></td>
<td>Mendru</td>
<td></td>
</tr>
<tr>
<td><strong>Anacardiaceae</strong></td>
<td><em>Rhus Cotinus</em></td>
<td>Tung</td>
<td>Also other species. Trees of the higher hills.</td>
</tr>
<tr>
<td></td>
<td><em>Pistacia integerrima</em></td>
<td></td>
<td>Very common shrub of the low hills.</td>
</tr>
<tr>
<td></td>
<td><em>Mangifera indica</em></td>
<td>Amb</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Odina Wodier</em></td>
<td>Kahmaz</td>
<td>Shrubs—lower hills.</td>
</tr>
<tr>
<td></td>
<td><em>Spondias Mangifera</em></td>
<td>Ambára</td>
<td>Timber tree of lower hills.</td>
</tr>
<tr>
<td></td>
<td><em>Moringa pterygo-petala</em></td>
<td></td>
<td>The mango, Commonly cultivated in the lower hills.</td>
</tr>
<tr>
<td><strong>Leguminosae</strong></td>
<td><em>Indigofera Gerardinana pulchella</em></td>
<td>Káthi</td>
<td>Common tree of lower hills.</td>
</tr>
<tr>
<td></td>
<td><em>Astragalus multiceps</em></td>
<td>Bharma</td>
<td>Tree of low hills.</td>
</tr>
<tr>
<td></td>
<td><em>Ogegia dalbergioides</em></td>
<td>Sánuan</td>
<td>Common under shrubs.</td>
</tr>
<tr>
<td></td>
<td><em>Desmodium tiliefolium</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Abrus precatorius</em></td>
<td>Rattak</td>
<td>Common climber of low hills.</td>
</tr>
<tr>
<td></td>
<td><em>Erythrina suberosa</em></td>
<td>Parára or Gralu</td>
<td>Tree of the lower hills.</td>
</tr>
<tr>
<td></td>
<td><em>Butea frondosa</em></td>
<td>Palák</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Pueraria tuberosa</em></td>
<td>Saloh</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Dalbergia Sissoo</em></td>
<td>Táli or Shisham</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Pongamia glabra</em></td>
<td>Sukhechín or Kararaj.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Cassia fistula</em></td>
<td>Relan</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Bauhinia Vahlí</em></td>
<td>Kanitár</td>
<td>Shrub—higher hills.</td>
</tr>
<tr>
<td></td>
<td><em>Mimosa rubicans</em></td>
<td>Tanr</td>
<td>Tree of low hills.</td>
</tr>
<tr>
<td></td>
<td><em>Acacia arabica</em></td>
<td>Karál, kachnár</td>
<td>Common under shrubs.</td>
</tr>
<tr>
<td></td>
<td><em>Inocophleia</em></td>
<td>Dhargári</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Catechu</em></td>
<td>Dhargári</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>modesta</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Farnesiana</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Albizia Lebbeck</em></td>
<td>Siris</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>odoratissima</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>mollis</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>stipulata</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rosaceae</strong></td>
<td><em>Prunus persica</em></td>
<td>Aru</td>
<td>Common climber of low hills.</td>
</tr>
<tr>
<td></td>
<td><em>Paddus</em></td>
<td>Pajja</td>
<td>Tree of the lower hills.</td>
</tr>
<tr>
<td></td>
<td><em>Prunus utilis</em></td>
<td>Jásm</td>
<td>” shrub ”</td>
</tr>
<tr>
<td></td>
<td><em>Spiraea bella</em></td>
<td>Bhekal</td>
<td>Tree of lowest portions of District only.</td>
</tr>
<tr>
<td></td>
<td><em>rubus cinnamomeus</em></td>
<td>Triuri</td>
<td>Tree. Occurs in lowest portions of District only.</td>
</tr>
<tr>
<td></td>
<td><em>rubus biflorus</em></td>
<td>Cháku</td>
<td>Tree. Occurs in low hills.</td>
</tr>
<tr>
<td></td>
<td><em>lasiocarpus</em></td>
<td>Akhe, Akhán</td>
<td>” Common ”</td>
</tr>
<tr>
<td></td>
<td><em>Rosa sericea</em></td>
<td>Látshkhan</td>
<td>” shrub ”</td>
</tr>
<tr>
<td></td>
<td><em>moschata</em></td>
<td>Teshu</td>
<td>Common tree of low hills.</td>
</tr>
<tr>
<td></td>
<td><em>Pyrus Pashia</em></td>
<td></td>
<td>Tree of central altitudes.</td>
</tr>
<tr>
<td></td>
<td><em>lanata</em></td>
<td>Kálh</td>
<td>Common in Kánga and Pálampur Tahsil.</td>
</tr>
<tr>
<td></td>
<td><em>foliolosa</em></td>
<td>Káinh</td>
<td>The peach. Commonly cultivated in the hills.</td>
</tr>
</tbody>
</table>

### CHAP. II.C

**Forests.**

<table>
<thead>
<tr>
<th>Botanical names</th>
<th>Vernacular names</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotoneaster barcillaris</td>
<td>Reuns</td>
<td>Shrub of the higher hills.</td>
</tr>
<tr>
<td>Deutzia corymbosa</td>
<td>Deudra</td>
<td>Higher hills shrubs.</td>
</tr>
<tr>
<td>Ribes rubrum</td>
<td>Aisan</td>
<td>Wild current—higher hills.</td>
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<tr>
<td>Terminalia tomentosa</td>
<td>Jāmni</td>
<td>Tree of lower hills. Found in parts of the Dehra Tahsil.</td>
</tr>
<tr>
<td>Cotoueaster bacillaris Reims</td>
<td>Bahera</td>
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</tr>
<tr>
<td>Deutzia corymbosa acuminata</td>
<td>Harrar</td>
<td></td>
</tr>
<tr>
<td>Chebula</td>
<td>Arjan</td>
<td></td>
</tr>
<tr>
<td>Anogeisna latifolia</td>
<td>Dhan</td>
<td>Also another species, probably E. Jambolana var caryophyllifolia.</td>
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<tr>
<td>Eugenia Jambolana</td>
<td>Jāman</td>
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<tr>
<td>Woodfordia floribunda</td>
<td>Dhawin</td>
<td>The pomegranate.</td>
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<tr>
<td>Punica Granatum</td>
<td>Daran</td>
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</tr>
<tr>
<td>Casearia tomentosa</td>
<td>Chila</td>
<td>Fairly common in hedges.</td>
</tr>
<tr>
<td>Opuntia Dillenii</td>
<td>Ghāri</td>
<td>The ivy. Common climber in higher hills.</td>
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<tr>
<td>Hedera Helix</td>
<td>Kurei</td>
<td>Fairly common. Medium altitudes.</td>
</tr>
<tr>
<td>Cornus macrophylla</td>
<td>Nang or Haloo</td>
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<tr>
<td>Viburnum cotinifolium</td>
<td>Thalehana</td>
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<tr>
<td>Viburnum fiones</td>
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<td>Lonicerapurpurascens</td>
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<tr>
<td>angustifolia</td>
<td>Barāri</td>
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<td>quinquelandaria</td>
<td>Kaneli</td>
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<tr>
<td>Randia dumentorum</td>
<td>Rå</td>
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<tr>
<td>Pieris ovalifolia</td>
<td>Jindru</td>
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</tr>
<tr>
<td>Rhododendron arboreum</td>
<td>Allau</td>
<td>Tree of the lower hills.</td>
</tr>
<tr>
<td>Rhododendron campa-annulatum</td>
<td>Bras</td>
<td></td>
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</tbody>
</table>
| Plumbago zeylanica | Kesva | Common shrub "Kashmiri sati."
<p>| Bassia latifolia | Manhwa | Common shrub in hedges at low elevations. |
| Diospyros Melanoxylon | Kiu | Tree of lower hills. |
| Diospyros montana | Kendu | |
| Symplcoos crato- | Lodar | |
| goidies | | |
| Jasminum pubescens | Ban máti or | The jessamine. Common shrubs and climbers. |
| dispernum | Bhandin. | |
| Roxburghia | Ban máti | |
| Jasmminum humile | Dhur máti | |
| officinale | | |
| Nyctanthes Arbor-tristis | Sonzard | Common shrubs. |
| Carissa spinarum | Sansióni | |
| Holarrhena antidysenterica | Kuri | |
| | Garna | Very common shrub of the low hills. |
| | Keor | Common tree of the low hills. |</p>
<table>
<thead>
<tr>
<th>Natural order</th>
<th>Botanical names</th>
<th>Vernacular names</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Asclepiadæ</td>
<td>Calotropis procera</td>
<td>Durra</td>
<td>Shrub of low hills.</td>
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<td>Tylorhiza hirsuta</td>
<td></td>
<td>Low hill tree.</td>
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<td>Loganiææ</td>
<td>Buddleia paniculata</td>
<td>Durpa Sláru</td>
<td>Shrub of low hills.</td>
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<tr>
<td></td>
<td>Asiatica</td>
<td>Dur Bana or Dhura.</td>
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</tr>
<tr>
<td>Boraginææ</td>
<td>Cordia Macleodi</td>
<td></td>
<td>Fairly common.</td>
</tr>
<tr>
<td></td>
<td>Myxa</td>
<td></td>
<td>Common high hill shrub.</td>
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<tr>
<td></td>
<td>Ebrezia acuminate</td>
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<td>Common low hill shrub.</td>
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<tr>
<td></td>
<td>Laxus</td>
<td></td>
<td>Common low hill climber.</td>
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<td>Porana paniculata</td>
<td>Faindal</td>
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<tr>
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<td>Syconum verbasco-</td>
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<tr>
<td></td>
<td>folium,</td>
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<td></td>
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<tr>
<td></td>
<td>Oroxyum indicum</td>
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<td>Stereospermum</td>
<td>Tát paláng</td>
<td>Tree of the lower hills.</td>
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<tr>
<td></td>
<td>suaveolens,</td>
<td>Pádal</td>
<td></td>
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<td>Acanthæææ</td>
<td>Adhatoda Vasica</td>
<td>Bansuti</td>
<td>Very common shrub of the low hills.</td>
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<tr>
<td>Verbenæææ</td>
<td>Premna latifolia</td>
<td>Banká or Ghin</td>
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<tr>
<td></td>
<td>Vitex Negundo</td>
<td>Bana or Wana</td>
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</tr>
<tr>
<td></td>
<td>Caryopteris Wallichiana</td>
<td>Dan Bansuti</td>
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<tr>
<td>Labiateæ</td>
<td>Colebrookia oppositi-</td>
<td>Duscn</td>
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<td></td>
<td>folia.</td>
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<td></td>
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<td></td>
<td>Scutellaria repens</td>
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<tr>
<td></td>
<td>Fogostemon plectran-</td>
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</tr>
<tr>
<td></td>
<td>thoïdes.</td>
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<td></td>
</tr>
<tr>
<td>Laurineææ</td>
<td>Machilis odoratissima</td>
<td>Bhadrol</td>
<td>Tree of medium altitudes.</td>
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<tr>
<td></td>
<td>Litsæa polyantha</td>
<td>Ghian</td>
<td>Tree of lower hills.</td>
</tr>
<tr>
<td></td>
<td>umbrosa</td>
<td>Nahir</td>
<td>Shrub of higher hills.</td>
</tr>
<tr>
<td></td>
<td>Elaeagnus umbellata</td>
<td>Ghin</td>
<td>Shrub-medium altitudes.</td>
</tr>
<tr>
<td>Loranthaceææ</td>
<td>Loranthus vestitus</td>
<td></td>
<td>Common parasite.</td>
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<tr>
<td></td>
<td>lungiflorus</td>
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<tr>
<td></td>
<td>Viscum album</td>
<td></td>
<td>The mistletoe.</td>
</tr>
<tr>
<td></td>
<td>Enphorbia royleana</td>
<td></td>
<td>Shrub of low hills. Very common also in hedges.</td>
</tr>
<tr>
<td></td>
<td>nerifolia</td>
<td></td>
<td>Shrub of low hills. Occasionally in hedges only.</td>
</tr>
<tr>
<td></td>
<td>Buxus sempervirens</td>
<td></td>
<td>Tree of higher hills in Kángra and Pálampur Tahsils.</td>
</tr>
<tr>
<td></td>
<td>Phyllanthus Emblica</td>
<td>Aoula</td>
<td>Common tree of the lower hills.</td>
</tr>
<tr>
<td></td>
<td>Glochidion velutinum</td>
<td>Chamár sama</td>
<td>Low hill tree.</td>
</tr>
<tr>
<td></td>
<td>Putranjiva Rosbarghi</td>
<td>Putján</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jatropha Cearas</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mallotus philippinus</td>
<td>Hatanjot</td>
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</tr>
<tr>
<td></td>
<td>Ricinus communis</td>
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<td></td>
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<tr>
<td></td>
<td>Sapum seiferum</td>
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<td></td>
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<td></td>
<td>Ulmus Wallichiana</td>
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<tr>
<td></td>
<td>Celtis australis</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Morus alba</td>
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<td></td>
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<tr>
<td></td>
<td>Ficus bengalensis</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>religiosa</td>
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<tr>
<td></td>
<td>Camia</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Roxburghii</td>
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<td>Castor oil plant.</td>
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<td></td>
<td>Glomerata</td>
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<td>Tallow tree.</td>
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<td>Carica</td>
<td></td>
<td>High hill tree.</td>
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<tr>
<td></td>
<td>Foveolata</td>
<td></td>
<td>Tree: medium altitudes.</td>
</tr>
<tr>
<td></td>
<td>Ficus bengalensis</td>
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<tr>
<td></td>
<td>&quot; religiosa</td>
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<tr>
<td></td>
<td>&quot; Cania</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>&quot; Roxburghii</td>
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</tr>
<tr>
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<td>&quot; Glomerata</td>
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<td></td>
<td>&quot; Carica</td>
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<td></td>
<td>&quot; Cania</td>
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<td>&quot; Roxburghii</td>
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<tr>
<td></td>
<td>&quot; Glomerata</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>&quot; Carica</td>
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<td></td>
<td>&quot; Foveolata</td>
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<td>Ficus bengalensis</td>
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<td>&quot; Cania</td>
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<td></td>
<td>&quot; Roxburghii</td>
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<tr>
<td></td>
<td>&quot; Glomerata</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>&quot; Carica</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&quot; Foveolata</td>
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</tr>
</tbody>
</table>

Trees of the low hills. And various other species. 
Fairly common climber: Medium altitudes.
The main forest produce exported from the Government forests consists of chil timber and bamboos. The timber comes mainly from the forests of the Núðpur, Dera and Kángra Tahsils and is removed in the form of phars, karris, or ballas in accordance with the size of the trees and the facilities of extraction to the nearest floating stream. All the timber eventually finds its way to the Beas river and is floated down to the plains, mainly to Wázir Bhullar and Ferozepore. In the Núðpur range a small number of trees are also disposed of for charcoal, which is carted or taken on camels to Pathánkot and thence railed to Amsat. No trees have been sold or extracted from any of the Pálampur or Hamípur forests for some years past; indeed it may be said that with the exception of the block of forests lying in the hills north of Sháhpur there are very few large sized chil trees left in the forests; a state of things for which heavy fellings in past years are mainly responsible, though undoubtedly aggravated by the serious fires of the past 8 or 10 years.

The bamboos from the Kángra District come entirely from the Núðpur forests on the banks of the Chakki, in the mauzas of Talára and Guriál and around Gángta. Work on any regular system has only been commenced within late years, but under proper manage-

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<th>Vernacular names</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Artocarpus lakoocha</td>
<td>Dhinn ...</td>
<td>Tree of the low hills.</td>
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<tr>
<td>Debregeasia hypoleuca</td>
<td>Siáru ...</td>
<td>Common shrub.</td>
<td></td>
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<tr>
<td>Jangláns regia</td>
<td>Akrot ...</td>
<td>Tree of the higher hills.</td>
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</tr>
<tr>
<td>Betula utilis</td>
<td>Bhurj ...</td>
<td>&quot; &quot; &quot; Over 10,000.</td>
<td></td>
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<tr>
<td>Quercus alnoídes</td>
<td>Sharol Kru ...</td>
<td>&quot; &quot; &quot;</td>
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<tr>
<td>Quercus semecarpifolia.</td>
<td>&quot; dillátata ...</td>
<td>Mohru ...</td>
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<td>&quot; incana ...</td>
<td>Ban ...</td>
<td>&quot; &quot; &quot;</td>
<td></td>
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<tr>
<td>&quot; glanca ...</td>
<td>Banni ...</td>
<td>&quot; &quot; &quot;</td>
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<td>Poplulus ciliáta</td>
<td>Phalsh ...</td>
<td>&quot; &quot; &quot;</td>
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<td>Salix tetrasperma</td>
<td>Badhár ...</td>
<td>Low hill willow</td>
<td></td>
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<tr>
<td>&quot; elegans ...</td>
<td>Bashal ...</td>
<td>High hill willow</td>
<td></td>
</tr>
<tr>
<td>&quot; daphnóides ...</td>
<td>&quot; ...</td>
<td>Various other</td>
<td></td>
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<tr>
<td>Smílax asperá</td>
<td>Brag bela ...</td>
<td>species.</td>
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<td>Pinus longifólia &quot; excéla</td>
<td>Chil ...</td>
<td>Low hill timber tree.</td>
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<tr>
<td>Abies Webbiána</td>
<td>Rai or tos ...</td>
<td>Higher hill timber tree.</td>
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<tr>
<td>Pícea Morínda</td>
<td>Tos ...</td>
<td>Bangálal</td>
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<tr>
<td>Taxus baccáta</td>
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<td>only except cultivated.</td>
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<td>Juníperus recurva ...</td>
<td>Beltar ...</td>
<td>Higher hill timber tree.</td>
<td></td>
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<td>Phoenix sylvestris</td>
<td>Kháfür ...</td>
<td>&quot; &quot; &quot;</td>
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<td>Dendrócalamus músc strictus.</td>
<td>Báns ...</td>
<td>Small tree or shrub of the higher</td>
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<tr>
<td>Bambusa arunóináceas</td>
<td>Magar ...</td>
<td>hills.</td>
<td></td>
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<td>Arundíáriá falcátá &quot; spathíflóra</td>
<td>Nargál ...</td>
<td>The Pál low hill tree.</td>
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<tr>
<td>&quot; ...</td>
<td>&quot; ...</td>
<td>The low hill bamboo.</td>
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</tr>
<tr>
<td>&quot; ...</td>
<td>&quot; ...</td>
<td>Hamiltoníi. Cultiv.</td>
<td></td>
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<tr>
<td>&quot; ...</td>
<td>&quot; ...</td>
<td>B. nutans, Cultiv.</td>
<td></td>
</tr>
<tr>
<td>&quot; ...</td>
<td>&quot; ...</td>
<td>The high hill bamboo.</td>
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</tr>
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ment these forests should yield some two-and-a-half lakhs of bamboos yearly. Within the last few years the resin industry has been started in the District and a small distillery erected at Hamirpur. The resin collection during the year 1900 amounted to 6,500 maunds, and there appears to be a very fair demand for the resulting turpentine and colophony. It is anticipated that this industry will add considerably to the forest revenue of the District.

DESCRIPTION OF THE FORESTS.

The following description of the Forests in each Tahsil of Kangra proper has been brought up to date by Mr. J. G. Silcock:

The Hamirpur Tahsil lies at the south-east corner of the Kangra District, and is bounded on the north by the Beas river, on the east by Mandi, on the south by Bilsapur and the Sutlej river, and on the west by the Dera Tahsil and the Hoshiarpur District. It includes the jāgirs of Nādaun and Kotlehr, and part of Lambagráon. The country is very hilly and broken up by several main ridges, more or less parallel and continuous, and running generally from north-west to south-east. Between these higher ridges the country consists of undulating low hills intersected by numerous streams which find their way either into the Beas or the Sutlej rivers. The highest of the main ridges is called the Sola Singhi, which rises to 3,896 feet and forms a sort of backbone separating in a general way the Nādaun jāgir and khālsu villages in talūka Nādaun from the Kotlehr jāgir and khālsu villages in talūka Kotlehr. The only valuable forests in Hamirpur are composed of chil (Pinus longifolia), and are mostly situated on the main ridge and in the broken country between that ridge and the Sola Singhi range. There are now comparatively few trees of larger size left, and during the last few years a series of disastrous fires has badly injured the stock in the principal forest areas. The forest settlement has resulted in 87 demarcated forests with an area of 16,998 acres besides extensive undemarcated forests. Of both classes 2,586 acres are closed to the exercise of all rights and to the removal of any forest produce.

Dera Tahsil.

The Dera Tahsil may be described in a general way as occupying both sides of the valley of the Beas, from Nādaun in the Kangra District to near Talwāra where the Beas first touches the Hoshiarpur District. North of the Beas the country is much broken up by irregular ranges of hills, the most conspicuous of which is the Kalidhār ridge, which rises to 3,728 feet. The general direction of these hills is, as in the rest of Kangra Proper, from north-west to south-east. To the south of the Beas river the valley is shut in by the Sola Singhi or Jaswán range and its numerous spurs, which spread out and descend from the central ridge, which is between 3,000 and 4,000 feet high, to the Beas river, a distance of about ten miles. The Dera Tahsil includes the jāgirs of the Rajās of Goler and Siba on the right and left banks of the Beas river, about ten miles below Dera. The forests of this Tahsil are mainly either pure Pinus longifolia, or the same species mixed with various hardwood trees,
or pure hardwood forests. Most of the forests south of the Beás are of this latter description. The bamboo occurs in small quantities in various localities, but only forms regular forest in two places in the Dáda Síba jágír: both these forests are extensive and valuable. The sél (Shorea robusta) is occasionally found to the south of the Beás, but does not grow to any size. Forest Settlement was commenced by Mr. Duff in 1874-75 with the object of obtaining for Government certain areas free of all rights of user in return for special concessions to be granted to the people: these consisted mainly in the promise never to close any more of the waste or forest land, and in an assignment of a share of the grazing revenue collected from the Gaddís, and of the general revenue from the sale of trees. Mr. Duff’s work resulted in the demarcation of 53 forests with an area of 8,777 acres, which were afterwards declared reserved forests, while the subsequent settlement enquiries of Mr. Anderson produced one demarcated protected forest, with an area of 336 acres, and a large extent of undemarcated protected forest.

The Núpur Tahsil occupies the north-west of the Kángra District, and has the Chamba State to the north, Gurdáspur on the west, the Hoshiärpur District to the south, and the Dera and Kángra Tahsils on the east. The Chakki river flows along its west boundary to its junction with the Beás river, which forms the south boundary of the Tahsil. A high ridge, called the Háthúbhár (5,000 feet) and other lower ridges shut Núpur out from Chamba. The country, like the rest of Kángra Proper, is very hilly, particularly towards the north, but becomes less so towards the south. The forests in the Núpur Tahsil are of three kinds; (1) the woods of Pinus longijolia, which mainly lie in the northern part of the Tahsil; (2) the bamboo forests, the principal of which are found at Dhamtal on the Chakki, and at Takára, on the road from Núpur to Jawáli; and (3) the miscellaneous hardwood forests, which generally occur mixed with the above, and form extensive areas in the southern portion of the Tahsil. Forest Settlement operations, similar to those in Dera, were commenced by Messrs. Roe and Duff in 1872, and resulted in the demarcation of 16 forests with an area of 9,402 acres, which were subsequently declared reserved forests under the Act. The regular forest settlement carried out by Mr. Anderson was not concerned with the villages in which demarcation had been carried out in 1872-74, but in the remainder of the Tahsil 32 forests with an area of 14,488 acres were constituted demarcated protected forests, and the remainder undemarcated protected forests.

The Kángra Tahsil is bounded on the north by the main range or Dháola Dhári on the east by the Pilímpur Tahsil, on the south by the Dera Tahsil, and on the west by the Núpur Tahsil. Below the main range the country is, like the rest of the District, split up by a series of ridges, running parallel to the main range, with fertile valleys between. The forests of the main range descend gradually from the highest lying forests of Quercus semecarpifólia, Abies
Kangra District.

Pálampur.

[Part A.

Webbiana, and Picra Morinda, through the woods of Quercus incana (ban), to the jungles of Pinus longifolia, and miscellaneous hardwood species, that clothe the lower slopes. The characteristic of the parallel ridges is, that on the northern sides they are covered with forests of Pinus longifolia, and on the southern sides with miscellaneous hardwoods. In this Tahsil there are no reserved forests, as Mr. Duff's work was not extended to Kangra. Mr. Anderson's forest settlement resulted in the demarcation of 68 blocks of protected forest, aggregating 71,612 acres, and a very large extent of undemarcated protected forest. Under the operation of Section 29 of the Act, a total of 16,420 acres, from both classes, has been closed to the exercise of all rights.

The Pálampur Tahsil consists of a tract of country originally included in the Kangra and Hamirpur Tahsils. It is bounded on the north by the Dhaòla Dhar, and by the Chamba State as far as the talúka of Bangíhal, where the boundary strikes off to the north of the high range, and takes in the mountainous basin of the source of the Rúvi river in Bará Bangíhal, and is conterminous with the southern boundary of Láhul: on the east the boundary is formed by Kúlu and Mandi: on the south by the Beás river, and on the west by the Kángra and Dera Tahsils. The forests are of very much the same class as in the Kángra Tahsil, except that in Bangíhal small areas are found stocked with Cedrus deodara (kelo), where the Pinus excelsa (kail) and Quercus dilatata also occur in small quantities. The sál is found in the small forest of Andrêta near Báiþráth. There are no reserved forests in this Tahsil: the forest settlement of 1887 constituted 36 demarcated protected forests with an area of 25,450 acres, and the usual considerable extent of undemarcated protected forest: 5,469 acres from both classes are closed. In addition to the protected forests there is also in this Tahsil a large area of what may be called unclassed forest, which is practically under the same conditions as those undemarcated areas in the Núrpur and Dera villages, from which lands were taken to form the reserved forests. This area came into existence in 1863, when in order to induce villages to part with their proprietary rights in certain waste lands, which were required for sale to tea-planters, Government agreed with the villagers never to close any portion of the remaining waste. At the same time and for the same purpose Government also abandoned its forest rights in certain small areas known as ban muáfis: these latter are now the only forest lands in the District, not under the management of the Forest Department.

The above descriptions of the forests in each Tahsil are lucidly summarised in Mr. G.S. Hart's Report on the Forests in the Kángra Forest Division (§§ 13 and 14) which runs:

"The high-lying demarcated hill forests in the Kángra and Pálampur Ranges form a continuous block from the Chamba boundary on the west to the watershed between the Bán Gánga and Nígal rivers on the east. To the east of this watershed there is a large undemarcated area, then one demarcated forest,
then further extensive undemarcated areas, and, finally, a continuous block of two demarcated forests, stretching eastwards to the Mandi border. In the lower-lying country the demarcated forests occasionally form continuous to contiguous blocks of fair size, notably in the Rihlu and Rāmgarh ḫīqās of Kangra, in the Changar of Dera and in the southern portion of Hamirpur (extending into the Lohāra and Panjal ṭappas of Hoshiārpur, and in the Dasuya Talshil of that District); but elsewhere they occur scattered over the country and separated from each other by cultivated lands and large areas of undemarcated waste. In individual areas the demarcated forests vary from 12 to 10,295 acres. The total area of the tract over which the forests are scattered is about 2,600 square miles.

"The annexed table gives the areas and classes of forest lands in each range. In this table the results of the Forest Settlement operations for the Kangra jāgīrs have been anticipated and the forest lands in those tracts shown as protected forests.

<table>
<thead>
<tr>
<th>Range</th>
<th>Reserves</th>
<th>Demarcated protected</th>
<th>Undemarcated protected</th>
<th>Unclassed</th>
<th>Total</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kāngra</td>
<td>No. Acres</td>
<td>65,342</td>
<td>57,583</td>
<td>123,135</td>
<td>178,815</td>
<td></td>
</tr>
<tr>
<td>&quot; Dharmsāla Municipality,</td>
<td>83</td>
<td>24,007</td>
<td>31,583</td>
<td>55,686</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dera-Kāngra District</td>
<td>53</td>
<td>9,634</td>
<td>16,026</td>
<td>24,636</td>
<td>50,633</td>
<td></td>
</tr>
<tr>
<td>&quot; Īlāwī 5a Jāgīr.</td>
<td>6</td>
<td>4,707</td>
<td>30,005</td>
<td>35,432</td>
<td>201,288</td>
<td></td>
</tr>
<tr>
<td>&quot; Goler Jāgīr</td>
<td>4</td>
<td>2,638</td>
<td>7,000</td>
<td>9,638</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot; Hoshiārpur District.</td>
<td>12</td>
<td>17,001</td>
<td>...</td>
<td>88,828</td>
<td>105,014</td>
<td></td>
</tr>
<tr>
<td>Nārūpur</td>
<td>16</td>
<td>8,552</td>
<td>90,070</td>
<td>130,678</td>
<td>130,678</td>
<td></td>
</tr>
<tr>
<td>Pālamāpur Bangāsh ( Proper)</td>
<td>2</td>
<td>714</td>
<td>...</td>
<td>...</td>
<td>128,473</td>
<td></td>
</tr>
<tr>
<td>Hamirpur</td>
<td>57</td>
<td>17,038</td>
<td>37,474</td>
<td>54,517</td>
<td>158,783</td>
<td></td>
</tr>
<tr>
<td>&quot; Kotēhr Jāgīr</td>
<td>28</td>
<td>10,733</td>
<td>72,872</td>
<td>83,605</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot; Nādaun</td>
<td>36</td>
<td>30,243</td>
<td>70,620</td>
<td>120,473</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*796,937 cr 1,244 sq. miles.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* A portion of the Śi Nāl forest is included in the Kāngra range, while the remainder form part of the municipal forests.

The areas given in the table for the demarcated forests have been taken from the 4-inch to the mile survey sheets or from area statements supplied by the Survey Department. The figures for the undemarcated protected and unclassed forests are estimates supplied by the Civil authorities, are based on the Revenue Settlement measurements, and are probably far from accurate.

"These figures give an exaggerated idea of the extent of the forested area in the District, but it must be understood that a very considerable portion of the area is 'forest' in the legal sense only. With the exception of the reserved forests, the demarcated protected forests and the muaf forests in Pālamāpur, which last are the actual property of the people, all waste land in the District that is not assessed to revenue is included in the legal definition of the undemarcated protected and unclassed forests, and much of this land is far from being forest in the normal acceptance of the term. Detailed descriptions of all the reserved and demarcated protected forests and notes on the more important undemarcated forests will be found in Appendix I of Mr. Hart's Report on the Kāngra Forests."

This description is further illustrated by Map I. Having thus described the forests we may now turn to the history of their conservancy.
From ancient times waste or forest lands were universally recognized as the property of the Rājā or of the State. The Sikh kārdārs, who looked only to squeezing as much money out of the country as possible in the shortest possible time, took no care of the forests, except where the timber was valuable, and so situated as to be easily exportable to the plains; but the village headmen, who were natives of the hills, maintained the old forest laws to some extent within their respective circuits. The rules which Mr. Barnes put into the administration papers, asserting the exclusive right of Government to sell timber, forbidding the cutting of green wood for fuel, and making an order of the village headman necessary before timber could be felled for building purposes, merely maintained those portions of the old forest laws which had universally survived. When Mr. Bailey succeeded Mr. Barnes as Deputy Commissioner, attention had been generally drawn to the destruction of hill forests which was going on owing to the laxity of the system in force; and Mr. Bailey thereupon took up the subject, and drew up a code of rules in greater detail, which were sanctioned, and with modifications in 1859 and 1862 remained in force until the recent forest settlement. A detailed account of these rules is given in Lyall, § 60.

The problem of how to reconcile the conflicting rights of Government, and of the village communities, was of no small difficulty, as Government while retaining its rights in all trees on waste land had conferred on the communities the ownership of the soil.

Soon after reaching Kangra Mr. Lyall sent up a report on forest questions, in which he recommended that in course of settlement an attempt should be made to get rid of the joint property of the State and village communities in forest lands by an interchange, which would leave a portion of forest the full property of the State, and the rest the full property of the communities. This was tentatively approved by Government, and he was authorized to commence negotiations. After succeeding in some villages he came to a stop in talūka Baragirāon. The forests there are extensive, and the communities offered to surrender to the State large blocks if a partial right of pasturage therein was maintained to them, but without such concession they would give little, saying that their herds were their wealth, and that they wanted grass, not timber. Mr. Lyall asked and obtained permission to make such a concession where it appeared necessary. He next tried talūka Pālam, and was here met by a new difficulty. These villages had formerly had dealings with officers deputed to secure waste lands for tea-planters; they

(1) An exception to this rule, forbidding the cutting of green wood for fuel, has always been allowed in the cases of weddings and funerals, shādī-va-phāmi. In Native States, even at the present day, a man will fell a tree in the forest to furnish wood for the funeral pile without asking any one's leave and no one will call him to account. On occasions of the kind in our territory, the lambārdārs permit applicants to cut from 15 to 25 loads of wood gratis.
suspected that the land surrendered as forests would ultimately be devoted to that purpose, and demanded a pledge to the contrary. The Commissioner of the Division was entirely opposed to yielding to this new demand, and recommended that these negotiations should be abandoned, the question of right to the soil re-opened, and a part of the forest authoritatively declared to be State property. Thus the proceedings were brought to an untimely end. A few forests in Kangra Proper, and a large number in Kulu, which had been specially selected for transfer to the Forest Department, were demarcated, but with this exception the results may be said to have been nil.

Finally in 1881 it was decided that a regular forest settlement of the whole District should be taken in hand. Mr. A. Anderson was placed in charge and he completed the settlement in 1887. For various reasons sanction was not accorded to his proposals for several years. At length in 1897 the Forest Record of Rights was after various alterations approved and rules were issued under the Forest Act bringing the whole forest area of Kangra, with the exception of the forests situate in the four jagirs of Goler, Dada Siba, Nadaun and Kotlehr under the operation of the Forest Act as either demarcated or undemarcated forests. In 1899-1900 a similar forest settlement was made for the jagir forests and rules drafted which are still under consideration.

The 69 Reserved Forests, only 18,186 acres, are the absolute property of Government and free from all rights of user, except a few cases of minor rights of way and rights to set nets to catch hawks during the cold weather. For the demarcated protected forests there was a special enquiry, and the rights in each forest were recorded and can be found in detail in the original Forest Settlement Report. No such record was made for the undemarcated protected and unclassed forests, the rights in which are governed by the rules notified in 1897 and described below. Moreover no rights were recorded in the so-called trihats or closed areas as will appear from a subsequent paragraph.

The following is a summary of the legal results of the Forest Settlement:

I. The Forest Record of Rights was prepared for the purposes of Section 28 of the Indian Forest Act, VII of 1878, under Punjab Government Notifications Nos. 207 and 208, dated 27th April 1885. This Record was sanctioned by the Punjab Government in 1897.

(1) For an exhaustive account of the details of the Forest Settlement operations reference must be made to Mr. A. Anderson's (now the Hon'ble Mr. A. Anderson, C.I.E.) Forest Settlement Report of 1887, which contains (i) a history of the Kangra Forests after the revised Revenue Settlement (§§4-24); (ii) an account of the principles on which the present demarcation was made in each Tahsil, (§§5-14); (iii) the reasons which necessitated the protection of the undemarcated waste as well as the demarcated forests, the rights in both being identical with the exception that waste land cannot be broken up for cultivation in the demarcated forests (§§15-19); (iv) an account of the rights in the forests of both classes (§§20-63); (v) an account of the rights in the jagir forests (§§64-79); (vi) an account of the Gaddis' rights (§§80-91); (vii) of the rights of tea-planters (§§92-105); and (viii) of the Dharmshala municipal forests (§§106-110).
II. The provisions of Chapter V of the Act were applied to the
demarcated protected forests in accordance with Section 28 of the Act
by Punjab Government Notification No. 57, dated 26th January 1897,
which contains a statement of the areas demarcated in Kangra Proper.

III. The provisions of Chapter V of the Act were applied to the
undemarcated protected forests in accordance with Section 25 of the Act
being made applicable to all forests and waste land in Kangra Proper
upon which the trees had been declared in the Revenue Settlement
Records to belong to Government (except the scheduled lands) by
Punjab Government Notification No. 58 of 26th January 1897. The
scheduled lands were:

(a) The demarcated protected forests.
(b) Land recorded as village site (ābādi).
(c) Lands included in the jīgīra of Goler, Sība, Nādaun, and
   Kotlehr or under the management of their Rājās.
(d) The khāretars or hay-fields in the 6 villages,
   Kalet, Salob, Arla, Bangiar, Dehni, and Raipur,
   in Palampur Tahsil.
(e) The forest and waste lands (including Reserved
    Forests) in 67 villages of Tahsils Palampur, Nūr-
    pur and Dera.

IV. Under Section 29 (a) of the Act 62 kinds of trees were declared
reserved in the forests declared protected under the above Notifications
(Nos. 57 and 58) by Punjab Government Notification No. 59 of 26th
January 1897.

V. Under Section 29 (b) of the Act 321 trihais in the three Tahsils

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>No. of trihais</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kangra</td>
<td>155</td>
</tr>
<tr>
<td>Palampur</td>
<td>108</td>
</tr>
<tr>
<td>Hamirpur</td>
<td>60</td>
</tr>
</tbody>
</table>

marginally noted were closed, for a maximum period of 20 years, by Punjab Gov-
ernment Notification No. 60, dated 26th January 1897.(1)

VI. Under Section 75 (c) of the Act rules for the preservation,
reproduction and disposal of the trees on the scheduled lands (which,
though grown on private lands, had been declared in the Land Revenue
Records to belong to Government, subject to the recorded rights of
agriculturists) were promulgated by Punjab Government Notification
No. 61, dated 26th January 1897. The scheduled lands are, (i) the 6
villages of Palampur Tahsil referred to in III (d) above, and (ii) the
67 villages of Palampur, Nūrpur and Dera Tahsils referred to in III (e)
above.

VII. Under Section 31 of the Act rules for the areas declared protected
forests by Notification No. 57 of 26th January 1897 and for the undemar-
cated protected forests (Notification No. 58 of that date) were pro-
mulgated by Punjab Government Notification No. 416, dated 14th
August 1897.

The following is a summary of the most important rights of
user recorded in the Record of Rights:

(1) Building timber.—This can only be obtained on the written
permission of the Forest Officer and on payment of the fixed zamindāri
rate for the particular species required. The Forest Officer is guided by
the rules, (1) that timber is only to be given once in five years; (2) that

(1) The list published shows a total of 321 blocks with an area of 24,592 acres, of which 215
equaling 21,825 acres are included in demarcated forests, and 106 equalling 2,767 acres are
outside the limits of the demarcated areas. Subsequent closures have increased the latter to 117
equaling 3,114 acres,
only one tree is to be given for each rupee of revenue, with a maximum of
25 trees of which not more than 10 shall be chil; (3) that timber is not
given when the applicant has already got a suitable building in a reasonably
convenient locality, and of size sufficient for the requirements of a bonâ fide
native agriculturist holding the land to which the right appertains; and
finally that if the timber applied for is to be used outside the limit of
the village in which it is given double the ordinary rates shall be charged.

(2). Timber for funeral and marriage rites, and the making and
repair of agricultural implements, including the necessary charcoal, fencing,
&c. To regulate this right trees have been divided into two classes, the
first class comprising 62 species and the second all other trees, and
lambardârs have been authorized to give permits for the cutting of second
class trees as long as they are not required for building purposes of any
kind whatsoever. When however 2nd class trees are not available the
Deputy Commissioner may give permission to utilize crooked and unsound
trees of the 1st class, and the lambardârs may give permits for their
removal after they have been marked by a duly authorized Forest official.
Nineteen of the 62 1st class species are, however, exempted from the
operation of this rule.

It should be noted that the permission of the lambardâr is not neces-
sary in the case of wood required for burning the dead, sufficient for the
purpose may be cut and of any species except of the above-mentioned
nineteen, notice of the cutting being given to the râkhû or other forest
official within ten days.

(3). Grazing—

(a). The grazing of Gujars.—This is only allowed in the particular
areas or Saonas in which certain Gujars have a grazing
right under the records of right.

(b). The grazing of Gaddis.—The record of rights divides the
country into grazing runs, and details the particular Gaddis
that have the right of grazing in each. The movement of
these men, on their way to and from their winter runs in the
low-lying country to the high-lying summer pasture lands
across the Kangra border, is governed by the rules that they
may not halt their flocks for longer than one night at any
single halting place in any forest in which they have not a
right of grazing, and that halting places shall be at least five
miles apart, but that they may halt two nights at one place
if there has been heavy rain or if they have given salt to
their flocks.

(c). The grazing of Khewatdârs and Bartandârs or right holders.—
This grazing is regulated in the demarcated forests by the
entries in the record of rights, and in the undemarcated and
unclassed forests is governed by the rules that the proprietors
of the soil and the proprietors of cultivated land assessed to
revenue and their agricultural tenants may graze cattle kept
by them for their own domestic and agricultural (not
including pastoral) purposes, and sheep and goats. They
may not however lease the grazing or give permission to
others to graze, except in the case of the owners of the soil
in the protected forests in the Nûrpu Talsil and in mauza
Boh of the Kângra Talsil, who may lease the grazing to
non-right-holders within the areas of which they are owners.
Forest rights.

(4). Lopping.—The lopping of 13 species is prohibited for any purpose whatever, but all other trees may be lopped for fodder or for bedding and manure without permission, provided that the trees are not less than 18 inches in girth, that the branches cut do not exceed a finger in thickness, and that the trees are not lopped for more than one-half their height. The right of lopping in accordance with these rules is extended to Gujars and Gaddis within the areas over which they have grazing rights. Gaddis however may only lop for kids.

(5). New cultivation.—Is absolutely prohibited in demarcated forests; is permissible in undemarcated protected forests with the permission of the Deputy Commissioner and in unclassified forests without such permission.

(6). Miscellaneous.—All fallen timber, stumps, dry fallen wood for fuel, dry standing trees of less than one hath in girth, branches of dry standing trees over one hath in girth, leaves for tanning purposes, leaves of creepers for domestic purposes, fruits, flowers, medicinal and edible roots may be removed without permission. Nothing obtained in the exercise of a right may be sold or bartered or applied to any but the purpose for which it was acquired, except that fuel at encamping grounds, fruits, flowers, medicinal and edible roots and leaves may be sold.

Gujars and Gaddis have the right to collect dry fallen wood fit only for fuel from the areas over which they have grazing rights.

In a protected forest which has been burnt, no timber or dry standing tree may be removed without a permit. The rights of user are subject to the condition that the right-holders shall be responsible for the pay of the râkhâs of the forest in which they have rights.

Government has given to the right-holders a half share of all revenue derived from the sale of all trees at zamindâri rates, and a quarter share of the price paid by traders and others who have no right to timber: this share is distributable as follows:—

<table>
<thead>
<tr>
<th>3 annas to the lambardâr.</th>
<th>2 annas to the patuârî.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 ditto râkhâ.</td>
<td>8 ditto khewâldârs.</td>
</tr>
</tbody>
</table>

The grant was made to secure the co-operation and assistance of the village communities in the conservancy of the forests (vide Forest Settlement Report, § 61). It is presumably revocable in the event of such co-operation and assistance not being given.

Summary.

It is difficult in the extreme to sum up the position of the forests in Kangra Proper, but the general results of their settlements may be summarised thus:—With certain exceptions, the whole of the land in the District which is not the private property of individuals, is the property of the village community (that is to say, of the proprietary body of either the tîka or the mauza) but the trees on such land are the property of Government. In Nûrpur and Dera Taluks, the zamindâirs surrendered their rights in certain forest areas, which were then made reserved forests, in exchange for certain concessions made by Government in adjoining forest areas.

From the point of view of their conservancy the results are thus summed up by Mr. G. S. Hart in Section 24 of the Report on the Kangra Forests:—
“From the forest point of view the result of the Settlements, with their mass of complicated rules and concessions, can hardly be considered as altogether satisfactory. With the experience now available it seems that, failing the possibility of Sir J. Lyall’s scheme of separate Government and village forests which would have done away with the joint ownership of Government and the village communities, the interests of forest conservancy would have been better served by the original scheme of alternate closure of the waste in thirds. There is no intention of animadverting on the work done in the course of the Regular Forest Settlement. The mischief was complete long before that Settlement commenced, and any criticism made must be mainly at the expense of the Forest Officers, who, over 30 years ago, made and supported Settlements which resulted only in acquiring as Government property small areas, many of which were already closed to all rights, at the expense of important concessions entailing the impossibility of adequate forest protection over the remainder, and by far the greater portion, of the tracts affected. The chief defects in the Settlement, which it appears to be possible still to remedy, are the absence of restrictions on the number of cattle, other than sheep and goats, allowed to graze in all classes of forests, except the reserves, and on the sheep and goats also in the unclosed forests; the absence of satisfactory arrangements for closure and for the control of timber to be given to the right-holders for the satisfaction of their rights, other than for building purposes, and, finally, the present possibility of the acquisition of new rights to the unlimited grazing of cattle, other than sheep and goats, in the protected forests, and of all cattle in the unclosed forests, by the purchase of cultivated land in any right-holding village.”

As explained in § 60 of Mr. Lyall’s Settlement Report, *trihaïs* or closed areas were demarcated in 1859-60 in Kângra and Hamîrâpur (including Kotlehâr) and in part of Dera. These *trihaïs* remain in Kângra, Hamîrâpur and Kotlehâr as they were originally formed; in Dera they were either included in the reserves formed in 1875 or were given up, and in this Tahsil, as in Nûrâpur where *trihaïs* were never formed, there are now no such closed areas. In Mr. Anderson’s demarcation as many *trihaïs* as possible were included in the larger forests taken up. Some of the *trihaïs* are very small, and not a few of them are almost bare of trees; but they were retained and considered demarcated forests. They have been closed so long that the people are now put to little or no inconvenience, or at all events do not consider their closure as a hardship. Moreover, in many places they are of real use to the neighbouring villages, as fodder reserves, for the grass is sold year by year, and the people have become dependent on this supply of fodder. In the notification of the demarcated protected forests these closed forests were all included. A special record of rights was not required for them, as no rights exist except the one right to receive the sale-proceeds of all grass sold, and this right is provided for in § 30 of the Records of Rights, where it is laid down that when any areas are closed against grazing, the whole income from the sale of grass will be given to the village communities. This applies to the existing *trihaïs* and also to all areas which may hereafter be closed.

Mr. Anderson’s Forest Settlement operations did not extend to Chota and Bará Bangâhal. A separate enquiry has since been done on the Bangâhal forests.
made and its results published in Punjab Govt. Notn. Nos. 54 to 59, dated 6th Feby. 1904. Two blocks, with an area of 714 acres, have been declared to be demarcated protected forests, while the remainder of the waste is undemarcated protected as in the main Settlement. The demarcated forests have been closed to the grazing of sheep and goats for 20 years, and a set of rules issued to govern the management of both classes of forests. These rules do not materially differ from those previously published in Notn. No. 416 of 14th August 1897.

There are four forests in the Jaswán country, that is, in talukás Kaloha, Gárdi, and Gangot of the Dera Tahsil in which the soil as well as the trees belong to Government; they are named Sántola Naun, Saddáwan and Bakárrar; the two first contain chíl pine and young sál; the two last bamboo, dhon, kaimál, &c. These were demarcated as Government rakhís by Mr. Christian, Settlement Officer of Hoshiárpur, but immediately afterwards the tract was transferred to the Kángra District, and the settlement completed by Mr. Barnes. The demarcation was not undone, and the land was described in the records as Government property, but this was qualified by the recognition of certain rights of common belonging by custom to the men of the surrounding hamlets. There are one or two other demarcated forests of this kind in talúka Mahál Mori, which are of small extent, and contain only poor bush and jungle.

The Goler Rája holds four forests, which he keeps as shooting preserves; no grazing is allowed in them except with his permission. It has now been decided that these forests including the soil belong to Government only, and that, while the Rája may continue to exercise his old privilege of game preserving, he has no other rights. The same may be said of the forest in the Nádaun Rája's jágír. There is one forest in the Katoch Rája's jágír known as the Nág Ban, which belongs entirely to the Rája. There are six demarcated forests in the Síba jágír; the Rája has the management, and pays a share of the proceeds to Government. A very similar arrangement has been made with regard to the forests in the mohzas of talúka Kotlehur, which, during revision of settlement, were assigned in jágír to the Kotlehur Rája in exchange for villages formerly held in Hoshiárpur.

The Settlement enquiry included the Goler, Dádá-Síba, Nádaun and Kotlehur jágír. In the two former the four and six blocks demarcated many years previously were retained. In Nádaun no demarcation was possible and in Kotlehur 23 blocks were marked out on the ground, and it was proposed to apply Chapter IV of the Act to all the waste, demarcated and undemarcated, as in the rest of the District. But these proposals were not sanctioned, for at that time the question of the title of Government to the trees in the jágír forests was under discussion. This question was settled in favour of the State in Punjab Government letter No. 443 of the 7th Septr. 1896, but final orders on the Settlement proposals were not passed as it was held that further enquiry into the rights as between the Rájas and zamindás was necessary. It is understood that this enquiry is approaching completion and that the forests will
shortly be brought under Chapter IV of the Act, and special rules issued for their management. The actual management of the forests is in the hands of the jagirdar Rájás, and the conditions between Government and the Rájás will be found printed in the record of rights, and so need not be referred to in detail. It will be sufficient to note that the Rájás are bound by the general directions issued by the Forest Department, and that the sales to traders are limited, in the case of trees, to stems previously marked, in the case of bamboo to numbers fixed, and in both cases to rates approved of by the Forest Officer. The shares of Forest revenue taken by Government are, in Kotlehr, one quarter of the total revenue from demarcated and undemarcated areas without deducting the cost of administration; in Dádá-Síba, one-half of the revenue from the demarcated areas only, after deducting the cost of administration; in Goler and Nádaun, one-half the total revenue without deducting the cost of administration, excepting the revenue from the sales of grass from trihais and from the Gaddi grazing fees, which are retained by these two Rájás.

The legal position in these jagirs is still further complicated by the conditions of the Land Revenue Settlements. Mr. Barnes’ original Settlement included only the khálsa tikás and made no reference to the ownership of trees as at that time all pine trees were held to belong to Government, even if growing in cultivated lands; moreover, no measurements were made, only the names and estimates of the areas of the various plots being given. Sir J. Lyall’s Revised Settlement did not touch the jagirs, and so it was not until the present that Mr. Barnes’ original Settlement of the khálsa tikás was revised, or that any Settlement at all took place in the jagir tikás. As the ownership of the trees growing in the waste or forest land has now been declared to be vested in Government, and as all the most valuable forests in Kotlehr, Dádá-Síba and Goler have been demarcated, this question of Settlements will not have much effect on forest management in these three jagirs. But in Nádaun the case is different. Before any system of forest management can be attempted, it is necessary, obviously, to know the areas on which the trees belong to Government. The answer to this question cannot be given until the Forest Settlement is published, for there is no demarcation, much of what appears to be forest land has been assessed to a small revenue in the present Settlement, and as there was no Revised Settlement, the solution applicable to the rest of the Káagra District, namely, that if the land was assessed to revenue in the Revised Settlement the trees belong to the owner of the land, and, if not so assessed, to Government, cannot be applied.

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**Section D.—Mines and Minerals.**

Valuable metal ores are known to exist in the Káagra hills, but the scantiness of the ore, and, where this does not exist, difficulties arising from the want of means of carriage, and scarcity of fuel in sufficient quantities in the immediate neighbourhood of the works, have formed hitherto an effectual bar to the prospect of working the mines with profit on a large scale. Iron is the metal most widely found but ores of antimony, lead and copper are also

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(1) As to metals of Küh, Lábul and Spiti, see Vol. II, Part II (p. 10), Part III, p. 7) and Part IV (p. 75).
present. Gold too is found in small quantities mixed with the sand of the Beas. Coal, or rather lignite, is also found but in insignificant quantities.

The river Uñ in the valley of which the ore is found rises in Bará Bangáthal, and flows in a south-easterly direction, parallel to the main ridge of the mountains and falls into the Beas above Mandi. It is separated from the rest of the Kángra District by a lofty spur which runs down from the main ridge of the mountains. Over Rs. 2,400 were spent by the District Board in 1882 on importing some machinery and on making a road over this spur, but the road was never completed, and the machinery was eventually sold for a song. For several years past the outturn of the mines has been practically nil. From inquiries which have been recently made it seems pretty certain that it would not pay to work the mines. Not only are there the difficulties of obtaining fuel in sufficient quantities and of transport, but the great improvement of communications in the Punjab generally has made the import of iron into the District much easier than it was in former days and the local price of iron has decreased considerably. Attempts to work these mines by means of machinery procured at some cost have been unsuccessful so far owing to these unfavourable reasons combined; and the disappearance from the neighbourhood of the low caste lohárs has still further lessened the chances of the mines being worked at a profit.\(^1\)

Sandstone of various degrees of hardness, and suited for building purposes, is found throughout the District. In the metamorphic strata of the upper Kángra range limestone is found in great abundance, and a rock that represents or is associated with the salt rock of the neighbouring State of Mandi can be traced over the border from that State into Kángra. In the schistose strata of the same range the well-known slates of Dharmśála and Narwána are found. These are more siliceous and harder than Welsh slates, but are all that could be desired in point of feasibility. Being almost crystalline in structure, they are too coarse for many purposes to which slates are usually applied; but in point of durability they are superior to Welsh slates. European capital has been applied to working slates at Kaniára, and the Kángra Valley Slate Company now carries on extensive operations under the management of Mr. Scale, and provides employment for a large number of labourers and pack animals. There are three other quarries being worked, one by Mr. W. Ballard, and the rest under native management, but their operations are as yet very restricted. The number of slates sold in 1902 were from the Kaniára quarry 914,370, from the Dharmśála 40,193, from the Narwána 63,226, from the Kareri 800, and the receipts were, respectively, Rs. 61,884, Rs. 1,600, Rs. 2,040, and Rs. 40. These receipts show a very considerable increase on those

\(^1\) A full account of the iron mines and the attempts made to exploit them will be found in the first edition of the Kángra Gazetteer, pages 19–21. Reference may also be made to Mr. Macarrie's Rep. on the Ferruginous Resources of the District, of Dharmśála, (Selections from the Public Corr. of the Pb. Admr. No. VII, Vol. II, 1854). See also Punjab Products, pp. 4–5.
for 1883 which were for the same quarries, respectively, Rs. 12,178,
Rs. 1,350, Rs. 1,000, and Rs. 40. These slates are largely used for
roofing in the District, and large quantities are exported to Hoshiarpur,
Jullundur and Gurdaspur Districts; the industry is greatly hampered
by the excessive cost of pack carriage.

In the neighbourhood of Jawalamukhi, a town situated
twenty-two miles to the south of Kangra, there occur, at intervals
extending over some thirty miles, six mineral springs issuing from
the southern base of the range of hills known by the name of
Jawalamukhi. They contain a considerable quantity of chloride of
sodium (common salt) and iodine in the form of iodide of potassium.
A good account of the springs, given in *Punjab Products*, is here extracted:

"In proceeding by order of their respective positions, and taking for
starting point the limits of the Jawalamukhi Valley, naturally formed by
an elbow of the Beas near Nadaun, the salt ioduretted springs are placed in
the following order: 1st, Kupera; 2nd, Jawala (two springs); 3rd,
Jawalamukhi; 4th, Nagia; and 5th, Kangra Bassa. The first three are
situated at equal distances of about four miles one from the other, the
fourth at about three miles from the third, and the fifth at about twenty
miles from the fourth. In general, the greatest uniformity exists in this
range of hill. The argillaceous marls alternate towards the superior part
with a rough and friable micaceous sandstone; and at the inferior part,
with a sandstone also micaceous, harder, smaller grained, and of a
bluish colour, held together by a calcareous cement. After this comes the
same sandstone, in which are embedded a few stones of variegated
grit and micaceous sandstone, and next to it a scanty calcareous formation
in the state of travertin; at last, on nearing Kangra, and leaving the
springs, there are some conglomerates, composed of granite, of mica
schists, of quartz, and of variegated sandstone, also bound together by
a calcareous cement, alternating at first with the grit, and afterwards
forming whole beds by themselves. The natives of the place affirm that
the saline matter in the springs became more abundant during the rains,
and that it yielded them a large quantity of salt. The saline springs
contain, in 100 parts, the following quantities of fixed matter:

| Kupera    | ... | ... | ... | ... | ... | ... | 2.20 |
| Jawala    | ... | ... | ... | ... | ... | ... | 2.63 |
| Jawala, 2nd Spring | ... | ... | ... | ... | ... | ... | 2.40 |
| Jawalamukhi | ... | ... | ... | ... | ... | ... | 2.28 |
| Nagia     | ... | ... | ... | ... | ... | ... | 2.22 |
| Kangra Bassa | ... | ... | ... | ... | ... | ... | 2.32 |

"The temperature of the first spring taken on the 10th December
1854, at 7 o'clock A.M., was 67° Fahr., the air 51° 30′, difference 15° 70′. This
spring issues from a hole made by the natives in the hard grit. It does
not appear very abundant, because its issue is evidently impeded by the
surrounding rocks, which prevent one from ascertaining the real volume
of its water in a given time. All the water from the five springs after
having undergone slight concentration by being exposed only for a few
hours to the open air, is purchased by banias at one anna per seer, or
exchanged for the same value in flour, &c. The livelihood of the natives living
in the vicinity of these springs is chiefly earned by this trade. They are convinced, and tell those who question them, that the water contains an efficacious principle which promotes the cure of goitre. The following table shows the produce yielded by the saline ioduritted springs.

"An excavation is shown in the neighbourhood of the Lunâni spring, said to have been made by Râja Sânsâr Chand in a fruitless attempt to reach the beds of salt in which the sources of these springs were supposed to lie":—

**ANALYSIS OF WATER FROM THE SALINE SPRINGS.**

<table>
<thead>
<tr>
<th>Name of spring</th>
<th>Parts of water</th>
<th>Salt</th>
<th>Iodine</th>
<th>Equivalent in ioduret of potassium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kupera</td>
<td>1's00</td>
<td>22</td>
<td>0'0799</td>
<td>0'1052</td>
</tr>
<tr>
<td>Jawâla</td>
<td>1's00</td>
<td>26'30</td>
<td>0'00324</td>
<td>0'12273</td>
</tr>
<tr>
<td>Jawâla, 2nd Spring</td>
<td>1's00</td>
<td>24</td>
<td>0'0799</td>
<td>0'1052</td>
</tr>
<tr>
<td>Jawâlamukhi</td>
<td>1's00</td>
<td>22'80</td>
<td>0'0799</td>
<td>0'1052</td>
</tr>
<tr>
<td>Nagia</td>
<td>43'880</td>
<td>1'000</td>
<td>3'5040</td>
<td>4'6140</td>
</tr>
<tr>
<td>Kanga Bassa</td>
<td>43'478</td>
<td>1'000</td>
<td>4'0324</td>
<td>5'3360</td>
</tr>
</tbody>
</table>

The following account of a hot spring at Salol in the Kângra Tahsil was prepared by Surgeon-Captain A. Coleman, Civil Surgeon of the District in 1893:—

"This hot spring is situated about a mile from the village of Salol in taluka Râmgarh, Tahsil Kângra. The character of the country here is hilly, the hills often precipitous, but of no great altitude. Their formation is a siliceous stratified sandstone; some places slaty, hard and dense. The strata are very much broken up, and their angles of inclination are very various, giving rise to the character of the country. The Gaj River here enters the hills (known as the Râmgarh hills), and on its right bank the hot spring rises. There is a flat strip of ground bordering the right bank, from which the hill rises steeply. The hot spring issues at a height of about five feet from this flat surface from the side of the hill. At some previous period, the hillside at this spot has been faced with stone masonry, and a burnt earthenware pipe inserted, through which the water of the spring flows. A covered stone porch protects the spot, and a stone tank receives the falling water, which flows in a stream of about an inch-and-a-half in diameter, but with no force or jet. A Gâsin has built a masonry residence immediately above the porch, and officiates as priest to the local divinity of the spot."
"The time of inspection of the spring was on the 11th December 1893, between noon and one o'clock p.m., when the following temperatures were recorded:

Temperature of air ... ... ... ... 68° F.
Do. of ordinary running water ... ... 58° F.
Do. of hot spring ... ... ... 105° F.

"This water possessed nothing peculiar either in smell or taste, its temperature alone being the only remarkable fact. It is probable that there would be a larger outflow, were the spring free at its orifice, but as stated above, it has been built up with stone.

"The chief idea connected with the spring appears to be a religious one, and any advantage to be derived from it is supposed to be supernatural, and not due to the physical or chemical character of the water. Hence the presence of the Gosain.

"The chemical analysis account is as follows:

<table>
<thead>
<tr>
<th>Physical qualities</th>
<th>Reaction</th>
<th>Free-carbonic acid</th>
<th>Chlorides</th>
<th>Sulphates</th>
<th>Nitrates</th>
<th>Sulphhydrated hydrogen</th>
<th>Nitric</th>
<th>Lime</th>
<th>Magnesia</th>
<th>Iron</th>
<th>Ammonia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardly any sediment visible to naked eye; transparent; no smell; taste palatable; sparkling.</td>
<td>Neutral</td>
<td>Traces</td>
<td>Traces</td>
<td>Absent</td>
<td>Absent</td>
<td>Absent</td>
<td>Traces</td>
<td>Absent</td>
<td>Traces</td>
<td>Traces</td>
<td></td>
</tr>
</tbody>
</table>

Water of good quality and fit for drinking purposes."

There is another hot spring at Lansáli in the Pálampur Tahsil, 12 miles from Pálampur, called Tatwáni (a contraction of "tatta páni"), a fair is held here on the Nirjala Tkádshi, which is numerously attended. A bath in the spring is said to be good for rheumatism.

The thermal springs of the Kálú Sub-Division are described in Vol. II, Part II.

Section E.—Arts and Manufactures.

There are no factories in the District except for the manufactures of tea; these are all worked with native labour, generally with a European at the head of each factory; in the larger factories steam-power is being superseded by water-power. An account of the tea industry is given elsewhere. Among the class of artizans the sonárs or goldsmiths of Kángra are skilful workmen, and possess the art of enamelling colours on gold and silver. The silversmiths of Sujánpur also have a local reputation. The carpenters are generally well acquainted with their trade, but are not equal to the carpenters of Hoshiárupur and Jullundur. The stone-cutters (báñávra) deserve particular mention. The hills abound in a fine sand stone which is eminently adapted for building purposes; the forts, palaces, and temples which are thickly strewed over the country are composed
The amount of cotton grown in the District is small, and a considerable amount of cotton cloth is imported from Hoshiarpur and Amritsar. The Gaddis wear woollen coats and blankets of home manufacture. Núrpur was formerly the seat of a considerable manufacture of Kashmiri shawls and pashmina, but the industry has now practically ceased. Lohís are still made on a small scale at Núrpur, and also at Indaura and Sujánpur.

Mr. Lockwood Kipling, Principal of the Lahore School of Art, furnished the following note on some of the special industries of the District for the Gazetteer of 1883-84:—

"The art manufactures of Kangra are few. Núrpur has for years been declining in importance as a seat of pashmina manufacture, which indeed would appear to be waning throughout the province. At Kangra, silver ornaments, such as finger and toerings, necklaces and ornaments for the brow, head and ears, connected by chains, are decorated with dark blue and green enamel. The patterns sometimes include figures drawn with the Polynesian rudeness which seems to characterise all hill work, but the distribution of parts is very good, and there is a distinct and not unpleasing character in the work. It is not unlikely that at some former period Kangra produced better work than any now seen there. Kangra ki qalm is a phrase occasionally heard among native draughtsmen, who profess to be able to distinguish the qalm,—meaning touch or style in this case,—of a sort of school of illumination and picture-painting that is supposed to have flourished at Kangra. The enamelled silver is now the only product that shows artistic skill. Tinsel-printed cloths are a speciality of the place, and they are certainly more neatly done here than at Delhi. Silver on Turkey red is the favourite form. In Kúla, Láhul and Spiti good warm blankets are necessities of life, and they are well made, but not for exportation. Many of the ornaments worn in these regions are interesting from their strangeness, more than for any art qualities. Large lumps of rough amber and blue and white beads of large size are strung together for necklaces. The turquoise is the favourite stone, and sometimes large ornaments, square in form, set with this gem in a pattern of chased or filigree silver, are met with. In one case each turquoise was carved into the semblance of a flower with silver foliage. The perak is an ornament which is de rigueur with the Tibetan women. It is a sort of queue of red cloth fastened into the back hair, and covered with turquoises sewn on its surface. It has been said that the eligibility of a marriageable girl was determined by the number and size of the turquoises on her perak. In addition to this queue, woollen or silk is also intertwined with the hair in a long tail. Such brass work as is wrought appears to be rude and elementary. Neatly-made tobacco pipes in iron are not uncommon, but they have a decidedly Tibetan or Chinese air. If they are made in these valleys at all, they are probably copied from Chinese pipes."

The history of the attempt to introduce the culture of silk into the District is given in the Monograph on the Silk Industry of the
KANGRA DISTRICT. Commerce.

Punjab prepared by Mr. W. M. Hailey, C. S., in 1899. Exhibitions were held yearly from 1878 to 1886; and on the death in 1879 of Mr. F. Halsey (who had been one of the chief movers in starting the industry in its first years) his plant and interest were taken over by the firm of Lister & Co., who announced their intention of attempting silk culture on a large scale in the District. Disease however appeared among the worms due to overcrowding and want of care; Messrs. Lister, after heavy losses, had to retire from the field, and the industry is now extinct in Kángra.

There is a certain amount of glass made, the Kángra kanch which, like that of Hoshiárpur, is used for bottles, &c., besides churís are made from a mixture of lac, charcoal and sajjí. Soap is manufactured, both for local use and for exportation, in the towns of Hamúrpur, Dera and Nádaun.

Section F. — Commerce and Trade.

The staple articles of external trade are tea, rice, sugar, potatoes, slates, wool, ghi and spices. The trade in tea is specially treated above. With regard to rice, see pages 127 and 128 above. It is largely exported to Jullundur, Amritsar, Lahore, Siálkot, Multán, Rawalpindi, and other towns. The usual mode of conveyance is by camels, mules, or bullocks, which have brought up loads from the plains. No other grain is exported. Sugar (see p. 128 above) is exported in small quantities from the Kángra and Nádaun Tahsils to Mandi. Potatoes (see page 129 above) are exported in large quantities to Jullundur and other stations but the greater portion of the crop is retained for home consumption. Spices of many kinds are produced, and are exported to the plains. Opium is produced exclusively in Kúlu, but passes for the most part through the hands of merchants, resident in Kángra Proper.

From the wilder parts pattru blankets, wool and ghi are largely exported, the trade passing for the most part through the towns of Palampur, Núrpur, Kángra, and Jawálamukhi. Honey and bees-wax are also exported in large quantities to the plains. Broadly speaking however the export trade of the District is insignificant.

The return trade with the plains centres for the most part in Jullundur, Amritsar, Pathánkot, and Hoshiárpur. Hence are imported grain, cotton, Khewra salt, tobacco, kerosíne oil and European piece-goods. Coarse black salt comes from Mandi; charás and poshín wool (through Sultánpur in Kúlu) from Ladák and Yárkand. Borax is imported, both for local use and for re-exportation, from Ladák and Yárkand.

A rough estimate of the total production, exports, and imports of food grains was framed for the Famine Report of 1879; and it was stated (page 151, Famine Report) that while a lakh of maunds of rice was exported, nine lakhs of wheat, maize, gram, and other
CHAP. II, G.

Means of Communication.

Course and nature of trade.

Foreign trade.

pulses were imported annually, the trade in both directions being with Ludhiana, Hoshiarpur, Jullundur, Gurdaspur and Amritsar.

The principal centres of internal trade are Kangra, Palampur, Sujanpur Tira, Jawalamukhi, Nûpur, Gangthâ, Dharmshâla, Haripur, and Bhawarma. At all these places are permanent markets, in which the normal trade of the District is transacted. Much business is also done at the annual fairs at Kangra and Jawalamukhi. In addition to these fairs, which are purely religious in origin, a commercial fair once of some importance was established at Palampur by the Commissioner, Sir Douglas Forsyth in 1868 with a view to fostering the trade with Central Asia. The first year (1868) there were 19 Yârkandis present, bringing with them silk, charas, pashm, carpets, and ponies for sale. The fair was held annually till 1879 when it had dwindled to a merely local gathering and was then abolished.

Kângra is one of the Districts in which foreign trade is registered. A clerk is stationed at Sultánpur in Kûlû for the registration of foreign trade with Ladakh and Yârkand via Láhul. The most important imports are ponies, borax, charas, raw silk and wool; the import of rough sapphires from the Zanskâr mine, which was of considerable importance for a few years, has been entirely stopped by obstacles imposed by the Kashmir State. The chief exports are cotton piece-goods, indigo, skins, opium, metals, manufactured silk, sugar, and tea, and occasionally korâns. The only important trade route is over the Rohtang and Barâlâcha passes; but a small trade in salt and borax is carried on by the Spiti people with Chhumurthi and the neighbouring tracts of Tibet over the Parang-La and other passes, and a small portion of the imported goods finds its way down to Kûlû.

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Section G.—Means of Communication.

The Beas is the chief river of the District (see Chapter I, A.)

The following description of the passes over the three great mountain chains of the Kângra District is taken from Mr. Lyall’s Settlement Report. Further information on the Kûlû routes will be found in Part II (Chapter IV, Section D):—

The only metalled road in the District is the Kângra Valley cart road from Pathâmkot to Palampur, of which a branch takes off at Nerti, near Shahpur, and runs to Dharmshâla. There is a daily Tonga service in both directions connecting Dharmshâla and Palampur with the Railway terminus at Pathâmkot. From Palampur the road runs on (unmetalled) to Mandi and Kûlû.

There is a good unmetalled cart road from Hoshiarpur through Dera and Kângra to Dharmshâla, distance 80 miles. The road from
Hoshiārpur to Mandi passes for a distance of 40 miles through the south-east portion of the Hamirpur Tahsil. The following are the more important routes in the District:

**ROUTE I.—PATHANKOT TO PALAMPUR AND DHARMSALA.**

<table>
<thead>
<tr>
<th>Stages</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Nurpur</td>
<td>17</td>
</tr>
<tr>
<td>II. Kotla</td>
<td>12</td>
</tr>
<tr>
<td>III. Shāhpur</td>
<td>11</td>
</tr>
<tr>
<td>IV. Mator</td>
<td>10</td>
</tr>
<tr>
<td>or IV. Lower Dharmsāla</td>
<td>11</td>
</tr>
<tr>
<td>Upper Dharmsāla</td>
<td>5½</td>
</tr>
<tr>
<td>V. Malān</td>
<td>10</td>
</tr>
<tr>
<td>VI. Palampur</td>
<td>11</td>
</tr>
</tbody>
</table>

(2 miles by riding road).

**ROUTE II.—PALAMPUR TO MANDI AND KULU.**

<table>
<thead>
<tr>
<th>Stages</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Bajnáth</td>
<td>11</td>
</tr>
<tr>
<td>II. Dhelu</td>
<td>13</td>
</tr>
<tr>
<td>III. Urla</td>
<td>12¾</td>
</tr>
<tr>
<td>IV. Drang</td>
<td>12½</td>
</tr>
<tr>
<td>V. Mandi</td>
<td>11</td>
</tr>
<tr>
<td>or V. Kataula</td>
<td>14½</td>
</tr>
<tr>
<td>VI. Kāndi</td>
<td>8</td>
</tr>
</tbody>
</table>

(Top of the Dulchi Pass).

**ROUTE III.—DHARMSALA TO PALAMPUR.**

<table>
<thead>
<tr>
<th>Stages</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Dādh</td>
<td>12</td>
</tr>
<tr>
<td>II. Palampur</td>
<td>9</td>
</tr>
</tbody>
</table>

**ROUTE IV.—DHARMSALA TO HOSHIĀRPUR.**

<table>
<thead>
<tr>
<th>Stages</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Kāngra</td>
<td>11</td>
</tr>
<tr>
<td>II. Rānitāl</td>
<td>12</td>
</tr>
<tr>
<td>III. Dera</td>
<td>13</td>
</tr>
<tr>
<td>IV. Bharwāin</td>
<td>11</td>
</tr>
</tbody>
</table>

(Cross the Beās)

(In Hoshiārpur District.)

(Note.—The Stages printed in italics are in Mandi territory).

There are Dāk Bungalows at all the stages, mentioned above, except Mator, Malān, Dādh, and Rānitāl. There are however District Rest-houses at Dādh and Rānitāl, and there is a P. W. D. Rest-house within easy reach of Mator. At every stage supplies can be obtained, provided due notice is given.

---

(1) The Hamirpur route is largely used by traders going from Hoshiārpur to Yārkand. As the road is frequently steep, in places little better than a track, while the Mandi Bungalows are in bad repair and hardly furnished at all; this route is avoided by European travellers. The stages from Dera Gopipur to Mandi are:—Jawālamukhi 10 m.; Nādana 9 m.; Hamirpur 15 m.; Garh 8 m.; Bhamla 14 m.; Galma 12 m.; Mandi 12 m.
The best route to Simla lies through Mandi (see route II), Suket, and either Bilaspur or Seuni. There is also a route via Hamirpur and at least two from Kulu. (See Part II.)

I.—PASSES OF THE OUTER HIMALAYA, OR DHAOLO DHAR.

1.—Between Kangra Proper and Chamba, in order from the North-West.

Between Boh and Lánodh the outer Himálaya or Dháola Dhár divides Kangra Proper from Chamba, and is crossed by the following recognized passes:

<table>
<thead>
<tr>
<th>Name of Pass</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowár ... ... ...</td>
<td>Between Boh, in Kangra, and Basí, in Chamba, low and easy.</td>
</tr>
<tr>
<td>Bálén ... ... ...</td>
<td>Between Dáreni and Pern, easy.</td>
</tr>
<tr>
<td>Gájeo alias Bag kí joth, or Bhím Sutáí.</td>
<td>Between Kareri and Kóti; one place in the road somewhat difficult and dangerous.</td>
</tr>
<tr>
<td>Indrá ... ... ...</td>
<td>Between Dharmála and Chinótá. Early in the year the frozen snow near the top is rather steep, otherwise easy.</td>
</tr>
<tr>
<td>Kúndlí kí joth ...</td>
<td>Between Kanírára and Chinótá. This pass is said to have been one of the easiest, and much used in old times by foraging bands from either side of the pass; hence the Rájás of Chamba, some generations ago, made it penal to use it, and the Gaddís still understand that its use is prohibited.</td>
</tr>
<tr>
<td>Torál ... ... ...</td>
<td>Between Narwána and Chinótá. A high pass not practicable till towards the autumn; only used by a few shepherds.</td>
</tr>
<tr>
<td>Tílang ...</td>
<td>From the head of the Bánganga river, between Narwána or Jíya and Traítá. Very high, but not difficult.</td>
</tr>
<tr>
<td>Singbár</td>
<td>From Kándí to Dewál. Rather high and difficult.</td>
</tr>
<tr>
<td>Sátńalo ... ...</td>
<td>From Bandlá to Bárá Bánso. Rather high and difficult.</td>
</tr>
<tr>
<td>Wárá</td>
<td>From sources of the Awa, in Bandlá, to Bárá Bánso. Easy.</td>
</tr>
<tr>
<td>Séréh ...</td>
<td>From Lánodh to Bárá Bánso; low and easy.</td>
</tr>
</tbody>
</table>

Of the eleven passes, one, the Bowár, can be crossed by unladen mules or hill cattle; the others are only practicable for men, sheep and goats. All, except the Torál pass, which is used only by shepherds, are crossed in the spring or autumn by the Gaddí families, who make a practice of spending the winter in the Kángra Valley. The highest, the Tílang, must have an elevation not far short of 16,000 feet and the lowest of little less than 13,000 feet.

2.—Between Bará and Chhotá Bangáhal.

From Lánodh to the point on the border of Kulu where it makes a sudden bend southwards, the outer Himálaya divides Bará Bangáhal from Chhotá Bangáhal, and is crossed by the following passes:

<table>
<thead>
<tr>
<th>Name of Pass</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thamsár ... ... ...</td>
<td>Very high, but incline on both sides gradual, cattle cross in the early summer when the snow is still deep.</td>
</tr>
<tr>
<td>Ganri alias Makori ... ...</td>
<td>High but easy.</td>
</tr>
<tr>
<td>Makori ... ...</td>
<td>Do.</td>
</tr>
</tbody>
</table>
KANGRA DISTRICT.  

Passes.  

All these three passes must exceed 15,000 feet. They are used by the Kanets of Bangáhal and by the shepherds who graze their flocks in Bangáhal in the summer. They are closed for six or seven months in the year by the snow.

3.—Between Chhotá Bangáhal and Kúlu.

Between Chhotá Bangáhal and Kúlu the Outer Himalaya is crossed by two passes:

<table>
<thead>
<tr>
<th>Name of Pass.</th>
<th>Remarks.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gorá lotnú ... ... ...</td>
<td>From Bizling in Kotí Sowár, to Kakrī, in Kotí Horang. Rarely used except by shepherds, and very difficult until the snow is well melted; about 15,000 feet.</td>
</tr>
<tr>
<td>Sári ... ... ...</td>
<td>From Milan, in Kotí Sowár, to Sumálang, in Kotí Mángarh. Open from early in May. An easy pass, about 14,000 feet.</td>
</tr>
</tbody>
</table>

In former days, when Bangáhal formed part of the Kúlu principality, communication between Kúlu and Kangra was mostly carried on by the Sári Pass; the constant feuds between Mandí and Kúlu obstructed the lower roads.

4.—Between Mandí and Kúlu.

Between Mandí and Kúlu the outer Himalaya is a comparatively low range, wooded up to its summit, and passable at all points except where it runs into bare rock and precipice. The only passes which deserve to be mentioned are the Babhú and the Bajaurá or Dulchí Passes, which have an elevation of 9,480 feet and 6,740 feet respectively. The old high road from Kángra to Kúlu crosses the latter, and new camel road from Mandí now crosses the Dulchí Pass and is open all the year round.

II.—Pass on the Bara Bangáhal Ridge.

The Bará Bangáhal ridge, which divides Kúlu from Bará Bangáhal, can be crossed late in the year, near the head of Phijrám river, above Kothí Kakrī in Kothí Horang. It is a high pass over 17,000 feet but not especially difficult. Until Mr. Lyall had occasion to use it, to avoid a great detour in marching from Bará Bangáhal to Kúlu, it is said to have been unexplored, except by a certain Gaddí shepherd. Kúli Ilín, or black ice, a name taken from a sheep-run on the Bangáhal side, is the name for the pass which suggested itself to the people who accompanied Mr. Lyall.
III.—PASSES IN THE MID-HIMALAYA.

Between Lāhul and Barā Bangáhal.

<table>
<thead>
<tr>
<th>Name of Pass.</th>
<th>Remarks.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asá or Aśák, called in the maps the Bará Bangáhal Pass.</td>
<td>Between Kothí Ghóns in Lāhul and Bará Bangáhal. A difficult pass, seldom used; probably about 17,000 feet. Very steep; frozen snow on the Lāhul side. Between the ravine of that name which divides Kothí Ghóns and Ghautál in Lāhul and Bará Bangáhal. Has hardly ever been used, but is said not to be more difficult than the Asá.</td>
</tr>
<tr>
<td>Nilgáhar ... ... ...</td>
<td></td>
</tr>
</tbody>
</table>

The Post-offices of the District are under the Superintendent of Post-offices, Jullundur Division. There is a head Post-office at Dharmsála. A list of the branch and Sub-Post-offices will be found in Part B.

An imperial telegraph line connects Dharmsála with Pathánkot and with Pálampur and Mandi. Telegraph Offices have also been opened at Núrpur, Kángra, Baijnáth and Gopálpur in Kángra Proper and at Sultánpur, Nagar, and Bajaura in Kúlu.

Section H.—Famine.

Famine is unknown in this District.
CHAPTER III.—ADMINISTRATIVE.

Section A.—General Administration and Administrative Divisions.

The Kangra District is under the control of the Commissioner of the Jullundur Division, who takes his work up to Dharamsala during part of the hot weather. The District is in charge of a Deputy Commissioner, and there is an Assistant Commissioner in charge of the Kulu Sub-division. There are seven tahsils, Kangra, Nurpur, Dera Gopipur, Hamirpur, Palampur, Kulu and Saraj: each of the first six is in charge of a Tahsildar who is assisted by a Naib-Tahsildar; the Saraj Tahsil is in charge of a Naib-Tahsildar with head-quarters at Banjar. The Kulu Sub-division consists of the Kulu and Saraj Tahsils. The tracts of Lahul and Spiti are nominally included in the Kulu Tahsil, but are really administered by the Thakur of Lahul and Nono of Spiti under the direct control of the Assistant Commissioner of Kulu.

Mr. Lyall thus described the old village functionaries of the District:

"The system which seems to have been originally adopted by the Rajas was the division of the country into large villages or circuits, each of which had a numerous staff of officials appointed by the Raja and paid direct from his granary or treasury. There was a revenue agent or manager, called by various names, such as kardar, hakim, amin or palsara; an accountant called kait or likhdara, a kotidala or keeper of the granary, constables, messengers, forest watchers, &c. This kind of system still prevails in Chamba and some other neighbouring Hill States. In Mahal Mori there were mehrs of tappas who seem to have been military commandants of the local militia. In Kotlehr and Jaswan, besides the officers of the tappa, each hamlet had its own headman, who was called the mukaddam. But there was no uniform system, at any rate, within times recent enough to be remembered, and no general name by which all headmen of villages were known. Mr. Barnes introduced uniformity, and appointed lambardars and patwaris. These lambardars still regard themselves, and are regarded in their villages, rather as officers of Government than as representatives of the other proprietors. The patwaris appointed, unlike those of the plains, were generally landholders and leading men of the country put in their charge. Kanungos were only appointed by the emperors in those taluks which they seized at one time or another as imperial demesnes; though some of the Rajas seem to

\[(1) \text{One man was often headman of two or three neighbouring circuits, so also it was not unusual for a man to have no land or place of residence in the circuit of which he was headman.}\]
have employed similar agencies in other parts of the country, under the name of wazirs or köits of talukas."

The chaudhris are agricultural officers instituted by the Mughals. They are found only in those districts which were reserved as imperial demesnes. Their jurisdiction seldom comprised more than eight or ten villages, and in every taluka there were several chaudhris. Their duties were chiefly fiscal. They were expected to encourage cultivation, replace absconding cultivators, and provide generally for the security of the revenue. They were alsoentrusted with police powers, and were responsible for the prevention and detection of crime. Their emoluments were usually 2 per cent. on the gross produce, and sometimes the Government conferred a small jágir. Besides this, most or all of them held small ináms or rent-free grants which were summarily resumed in the early years of English administration. Mr. Barnes left a memorandum advising the revival of these ináms, and in 1857, on Colonel Lake's report, it was done, but no particular duties or defined jurisdictions were assigned to the recipients. Mr. Lyall appointed such of the chaudhris as were men of note and influence to fill offices in his system of kotwáls, and as köits. It was decided in the Settlement of 1897 that the inánmdás should not come under the same Land Revenue Rules as zaildár, but that the grants should be considered as hereditary in the family if there is any member of it fit to render assistance to the District authorities.

At the Regular Settlement these chaudhris had almost entirely lost their prestige and influence "but," wrote Mr. Barnes, "the chaudhris of taluka Indaura, parvāna Nārupur, another imperial appanage, are a remarkable exception. But in this case the strength of family connections has given an adventitious permanence to the title. Indaura is inhabited by a clan of Rajpūts who seceded originally from the Katoch stock. The family is divided into several branches, each with a separate chief or chaudhri, and among them the chaudhri of Indaura Khás is the acknowledged superior, or the head of the entire clan. There are thirty-two villages in the taluka, and these are divided among the several branches. Each chaudhri collects the two per cent. on the gross produce, and is charged with the fiscal superintendence of his own circle. Here the duties and emoluments have remained as originally fixed, and besides their official perquisites the chaudhris have acquired a proprietary title in most of the villages. They have great influence, and are attached to the interests of order and good government. And, during the rebellion, the head of the clan made himself conspicuous by his loyalty."

On this, however, Mr. Lyall remarked:

"There is much less order or system in the actual position of the chaudhris of taluka Indaura than might be supposed from
reading Mr. Barnes’ description. What their position was before the taluka was made over to the Rájás of Núrpur by the emperors cannot now be ascertained. The Rájás reserved the grain rents of this taluka and that of Khairan for the use of their own kitchen, and the chaudhri’s or headmen of the Indauria Rájput family collected for them, and got a percentage of the gross produce as a chaudhri’s fee. But the Sikh occupation, which lasted a long time in Núrpur, confused any system that existed. The Sikhs put cash assessments on the villages, and the leases were taken up by the old chaudhri, or by other Indaurias when a chaudhri broke down. Whoever took up the leases collected by share of the grain from the cultivators took the chaudhri’s fee and called himself the chaudhri. Mr. Barnes made these men proprietors, in whole or in part, of the villages which they had held in lease, as some of them had held their farms for a length of time, enjoying the whole profit and loss.”

“I have called the chief patwáris, káits, and the zailddárs, kotwáls. Káit is a local name very appropriate from the office to which it applied in former times, to the office to which it is now given. The same reason is in favour of the title of kotwál, and the people much prefer it to that of zaildar. Moreover, in tahsil Núrpur, the kotwál’s office survived up to annexation, and was maintained by Mr. Barnes, and the Núrpur kotwáls had done all the duties of zailddárs in excellent style down to the commencement of my operations. I thought it important that the boundaries of the old talukas should be observed in these arrangements, both in order to preserve the bond of union now existing between men of the talukas, which may be of use for purposes of local Government hereafter, and also to facilitate the compilation of district returns and statistics separately for each taluka. Each taluka, therefore, contains one or more kotwáls’ zails, and each káit’s circle contains one or two talukas or is a division of a large taluka. In the same way the patwáris’ circles fit into the kotwál’s zail. And every patwári has a compact toppa or circle forming part of one talu’ta and of one káit’s circle. Nearly every patwári lives in his toppa or close by; the kotwáls are all of course residents of their zails, and (with one exception) the káits of their circles. The orders of appointment given to the káits and kotwáls specify the duties which they are expected to perform. I devised the forms of these orders, which received the sanction of the Commissioner of the Division. I am confident that both káits and kotwáls will be found to constitute very useful agencies for the administration of the District, if the District Officer takes the trouble to encourage and control them. The traditions of the hills, and the temper and character of the population, are peculiarly favourable to the good working of agencies of the kind, and there is more work for them to do than in the plains. For instance, the kotwál can superintend the lambardárs in the exercise of their duties with respect to forest conservancy and begárr arrangements, and the káit can be of use in enforcing common action in repairing canals and in many other ways, in addition to their regular duties.”

The zailddárs or kotwáls are now remunerated by a deduction of one per cent. from the revenue of their circles; their appointment is governed by the rules under the Land Revenue Act.
The following table shows the various *zails*. A list of *zaildars* will be found in Part B:

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>Zail</th>
<th>No. of villages</th>
<th>Annual revenue</th>
<th>Prevailing caste or tribe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rehni</td>
<td></td>
<td>14</td>
<td>27,394</td>
<td>Ghirths, Thakkars, Ráthís, Bráhmans and Rájputs.</td>
</tr>
<tr>
<td>Dharmsála</td>
<td>11</td>
<td>26,453</td>
<td></td>
<td>Do., Gaddis, Ráthís, Bráhmans and Rájputs.</td>
</tr>
<tr>
<td>Tiára</td>
<td>10</td>
<td>15,433</td>
<td></td>
<td>Ghirths.</td>
</tr>
<tr>
<td>Gharkari</td>
<td>11</td>
<td>14,454</td>
<td></td>
<td>Do., Jats and Bráhmans.</td>
</tr>
<tr>
<td>Chetru</td>
<td>15</td>
<td>14,925</td>
<td></td>
<td>Do., Jats and Rájputs.</td>
</tr>
<tr>
<td>Narwana</td>
<td>13</td>
<td>22,172</td>
<td></td>
<td>Gaddis and Bráhmans.</td>
</tr>
<tr>
<td>Daulatpur</td>
<td>7</td>
<td>4,772</td>
<td></td>
<td>Ghirths, Jats, Bráhmans and Khatrís.</td>
</tr>
<tr>
<td>Nagrota</td>
<td>17</td>
<td>24,606</td>
<td></td>
<td>Do., Mahajans, Bráhmans and Khatrís.</td>
</tr>
<tr>
<td>Bargraon</td>
<td>22</td>
<td>12,309</td>
<td></td>
<td>Do., Ráthís, Rájputs and Bráhmans.</td>
</tr>
<tr>
<td>Rámghara</td>
<td>11</td>
<td>10,541</td>
<td></td>
<td>Rájputs and Ghirths.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>194</strong></td>
<td><strong>1,73,181</strong></td>
<td></td>
</tr>
<tr>
<td>Kotla</td>
<td>11</td>
<td>7,953</td>
<td></td>
<td>Rájputs and Thakkars.</td>
</tr>
<tr>
<td>Jagatpur</td>
<td>10</td>
<td>10,688</td>
<td></td>
<td>Ditto.</td>
</tr>
<tr>
<td>Núrpur</td>
<td>21</td>
<td>14,879</td>
<td></td>
<td>Thakkars, Rájputs and Ráthís.</td>
</tr>
<tr>
<td>Manialá</td>
<td>15</td>
<td>8,884</td>
<td></td>
<td>Ditto Bráhmans and Ráthís.</td>
</tr>
<tr>
<td>Dharhol</td>
<td>13</td>
<td>5,871</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Jawáli</td>
<td>9</td>
<td>17,370</td>
<td></td>
<td>Rájputs and Thakkars.</td>
</tr>
<tr>
<td>Chhatar</td>
<td>20</td>
<td>13,827</td>
<td></td>
<td>Ráthís, Thakkars and Bráhmans.</td>
</tr>
<tr>
<td>Manzor</td>
<td>15</td>
<td>8,571</td>
<td></td>
<td>Rájputs and Thakkars.</td>
</tr>
<tr>
<td>Loudwán</td>
<td>6</td>
<td>3,579</td>
<td></td>
<td>Ráthís and Thakkars.</td>
</tr>
<tr>
<td>Surajpur</td>
<td>12</td>
<td>5,280</td>
<td></td>
<td>Thakkars, Ráthís and Rájputs.</td>
</tr>
<tr>
<td>Indaur</td>
<td>35</td>
<td>22,360</td>
<td></td>
<td>Rájputs, Thakkars and Jats.</td>
</tr>
<tr>
<td>Khairán</td>
<td>22</td>
<td>10,370</td>
<td></td>
<td>Rájputs, Thakkars and Ghirths.</td>
</tr>
<tr>
<td>Fatehpur</td>
<td>6</td>
<td>6,966</td>
<td></td>
<td>Thakkars.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>195</strong></td>
<td><strong>1,73,387</strong></td>
<td></td>
</tr>
<tr>
<td>Dáda Sína Jágir</td>
<td>41</td>
<td>16,947</td>
<td></td>
<td>Rájputs and Bráhmans.</td>
</tr>
<tr>
<td>Gangot</td>
<td>18</td>
<td>4,659</td>
<td></td>
<td>Bráhmans and Rájputs.</td>
</tr>
<tr>
<td>Chanoor</td>
<td>8</td>
<td>4,704</td>
<td></td>
<td>Ditto.</td>
</tr>
<tr>
<td>Guler</td>
<td>20</td>
<td>19,552</td>
<td></td>
<td>Rájputs and Bráhmans. and Ghirths.</td>
</tr>
<tr>
<td>Kohasan</td>
<td>9</td>
<td>5,553</td>
<td></td>
<td>Rájputs and Bráhmans.</td>
</tr>
<tr>
<td>Kaloho</td>
<td>1</td>
<td>7,822</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Garli</td>
<td>1</td>
<td>5,597</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Ballábr</td>
<td>15</td>
<td>22,531</td>
<td></td>
<td>Rájputs, Bráhmans and Ghirths.</td>
</tr>
<tr>
<td>Changer Abhrolí</td>
<td>9</td>
<td>12,533</td>
<td></td>
<td>Ráthís, Ghirths and Rájputs.</td>
</tr>
<tr>
<td>Mangáhur</td>
<td>13</td>
<td>15,981</td>
<td></td>
<td>Ghirths, Rájputs and Bráhmans.</td>
</tr>
<tr>
<td>Haripur</td>
<td>8</td>
<td>6,861</td>
<td></td>
<td>Bráhmans, Rájputs and Ghirths.</td>
</tr>
<tr>
<td>Nírhana</td>
<td>4</td>
<td>15,492</td>
<td></td>
<td>Do., Ghirths and Rájputs.</td>
</tr>
<tr>
<td>Dhanét</td>
<td>9</td>
<td>10,276</td>
<td></td>
<td>Thakkars, Rájputs and Ghirths.</td>
</tr>
<tr>
<td>Nagrota</td>
<td>6</td>
<td>16,908</td>
<td></td>
<td>Ghirths, Bráhmans and Rájputs.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>102</td>
<td><strong>1,73,876</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rájgirí</td>
<td>4</td>
<td>9,077</td>
<td></td>
<td>Ráthís, Bráhmans and Rájputs.</td>
</tr>
<tr>
<td>Tíra Sújánpur</td>
<td>13</td>
<td>13,283</td>
<td></td>
<td>Ráthís and Rájputs.</td>
</tr>
<tr>
<td>Ugaíta</td>
<td>3</td>
<td>13,477</td>
<td></td>
<td>Ráthís, Bráhmans and Rájputs.</td>
</tr>
<tr>
<td>Mehtá</td>
<td>2</td>
<td>18,012</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Mewáh</td>
<td>1</td>
<td>11,473</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Bání Gárlí</td>
<td>6</td>
<td>13,571</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Gol</td>
<td>4</td>
<td>10,300</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Dhatwál</td>
<td>1</td>
<td>10,531</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Nádán</td>
<td>14</td>
<td>34,528</td>
<td></td>
<td>Bráhmans, Rájputs and Ráthís.</td>
</tr>
<tr>
<td>Kotlehér</td>
<td>12</td>
<td>16,013</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td>Jágir Kotlehér</td>
<td>4</td>
<td>11,751</td>
<td></td>
<td>Ditto ditto.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>64</td>
<td><strong>1,61,876</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
As above mentioned the kāit was the name given to the chief patvāris. They now no longer exist, having been replaced by field kānumgos regularly appointed under the Land Revenue Act.

Except in Nūpur, the great majority of the patvāris are men of good Rājpūt or Brāhman landholding families. They hold a much higher social position than the patvāris in the plains.

We now descend to the last and most useful class of officers, the village functionaries. Other posts have been abolished or have fallen into desuetude, but the village official has endured through every form of government, Hindu or Muhammadan, Sikh or British. In the hilly tracts, where the village circuits are large, the duties of the headman are onerous and responsible. In former times he had to keep the accounts, collect the revenue, and to look after the agricultural interests of his charge. He comes generally of an influential family, in whose hands from ages past the management of the tappa or circuit has resided. He can read and write the character of the hills, and is a man of intelligence and respectability above the ordinary standard. In the open country, where the village areas are small the middleman is little raised above the rest of the community,—a simple peasant, and probably quite illiterate; his duties are comparatively light, and his authority was often superseded by chaudhirs and other officers set above him. The village officers were remunerated in different ways in different parts of the country. In Nūpur they possessed small patches of rent-free land called sāsān; in pargana Kangra they received presents of grain at each harvest from the Government Collector; in Nādaun and Harīpur they exacted fees and perquisites from the cultivator on stated occasions, and were entitled to collect from 4 to 6 per cent. over the Government revenue. These were lawful gains, but under so lax a system the amount was greatly increased by illicit peculation.

Table 33 of Part B shows the number of headmen in each tahsil. They succeed to office by hereditary right; each village, or in large
villages each main division of the village, being represented by one or more, according to the rules under the Land Revenue Act. No chief headmen have been appointed.

"Down to Settlement there was a mukaddam or headman for each hamlet in the greater part of the country to the south of the Beás river; that is, in Nadaunti, Kotlehr, and Jasán. Many people in these parts wished the office to be revived; and in other parts of the country complaints were rife of the despotic and uncontrolled way in which the lambardárs of the mauzas managed affairs, never consulting their constituents, and invariably appropriating all common income as a perquisite of office. These complaints were true, and it occurred to me that the remedy would be to have a council formed of representatives of the tiká, who would check the common accounts, and both control and assist the lambardár. Moreover, as the tiká is now in some degree a separate estate with distinct interests of its own, it is advisable that it should have a recognized spokesman. I therefore directed the Superintendents to suggest the election of such mukaddams to the assembled communities at times of attestation, leaving them, however, at full liberty to reject the plan. Altogether 2,157 mukaddams were elected in this way, and their appointments registered in the new Settlement papers. Often two or three small tikás united to elect one man. The lambardárs were of course opposed to the scheme, and their influence carried the day against it in many villages. The question whether the mukaddams should get any pay or perquisites, was left entirely to the men of the hamlets who elected them. In every case it was agreed that during office they should be excused from taking a personal share in begár or forced labour (if not already exempt); in a few cases their constituents agreed to pay them annually a small sum of cash or grain as an honorarium. I put a clause in the administration papers to the effect that the appointment or dismissal of these mukaddams would, subject to certain formalities, remain entirely in the hands of the hamlet communities."

Tiká mukaddams were not appointed in the last settlement. Their remuneration had consisted largely in exemption from begár with the enforcement of which their duties were principally concerned. The abolition of begár and the growth in importance of the lambardár made the office unnecessary.

Besides these officials may be mentioned the village rákhás or forest guards first appointed in 1853, who hold a position similar to that of the chaukidárs (locally called batváds), though they are paid by grain collected from house to house.

On the subject of forced labour Mr. Barnes wrote:

"It is well known that in the hills wheeled conveyances do not exist. The imports and exports of the country, its social wants and surplus produce, are carried entirely on the backs of camels, mules or bullocks, the property of a class which earns its subsistence by this carrying trade. For ordinary purposes, however, for the transport, for instance, of traveller's baggage, or for conveying unwieldy articles, such as timber for public purposes, human labour alone is available. By this necessity of the country a custom has grown up, possessing the sanction of great antiquity, that all classes who cultivate the soil are bound to give up, as a
condition of tenure, a portion of their labour for the exigencies of Government. Under former dynasties the people were regularly drafted and sent to work out their period of servitude wherever the Government might please to appoint. So inveterate had the practice become that even artizans and other classes unconnected with the soil were obliged to devote a portion of their time to the public service. The people, by long prescription, have come to regard this obligation as one of the normal conditions of existence; and so long as it is kept within legitimate bounds they are content to render this duty with cheerfulness and promptitude. Certain classes, such as the privileged Brâhman, and Râjpûts uncontaminated by the plough, were always exempt, and the burden fell principally upon the strictly agricultural tribes. Even among these races there are gradations of begâr well recognized, which, for the convenience of the people, it was necessary to define. The meanest and most onerous species of forced labour was to carry loads (pând begâr). Those agricultural classes that do not wear the jâneo, or thread of caste, are all liable to this obligation. A lighter description of begâr was termed satbâhak, and consisted in carrying messages or letters, or any parcel which could be conveyed by the hand. The fulfilment of this duty implied no degradation, and involved no great sacrifice of personal comfort; it was therefore reserved as the special province of those classes, who, although occupied in agriculture, were privileged to wear the jâneo. A third species of begâr was to provide wood and grass for camp, and under former Governments this labour devolved upon chamârs and other outcast tribes, whose supposed impurity alone saved them from carrying loads. The people are very tenacious of these distinctions.

"The novelty of our rule and our natural ignorance of these gradations deprived them at first of the opportunity of remonstrance whenever these limits were transgressed. But now it is a common complaint that the petitioner is a satbâhak, and not obnoxious to the heavier conditions of begâr. The difficulty of dealing with these complaints induced me to draw up a nominal list of all the residents in the village, showing those who enjoyed absolute immunity, and those who were subject, either wholly, or partially, to the condition of begâr. Under the rule of our predecessors it was not unusual to grant a special exemption in favour of individuals who otherwise would be liable to this impost. The deed of immunity was written out and sealed by the Râja or Sikh Governor, just as grants are executed for remitting revenue. Influential men would also procure remission of begâr for their own tenants. And at the Settlement whenever a claim to exemption was preferred and supported by valid documents, I continued the privilege for life, and gave a written acknowledgment to this effect. The lambardârs of villages, besides enjoying a personal immunity, frequently claim a similar indulgence for their own family and dependants; and as the request was reasonable, adding indirectly to their position, I generally concurred."

The lists here referred to were revised by Mr. Lyall, who wrote:—

"The custom of begâr differs considerably in different talukas; for instance, in Nûrpur in former times, the daily or current demand for porters (kacha begâr) was meant by the kamins or people of degraded castes. For special calls (pakka begâr) all landholders, except a few of specially high position, had to come forward. On the other hand, in Kângra a man's caste made less difference, the begâr was distinctly a burden on the land to be borne in turn by each landholder not specially exempted. Gujâr herdsmen holding land were generally excused from carrying traveller's baggage.
in lieu of furnishing the supplies of milk and butter; but being strong fellows they were made to share in carrying in planks and beams for Government buildings, &c. I give this as a specimen of the loose class legislation or custom which still regulates the distribution of forced labour among men of a village. In most taluks the turn (pala) is calculated on each hearth (chūla), not on each head. Two brothers living in common would take one turn only. In Kulu the turn is on each full holding or jesa. In former days the demand was distributed tolerably equally over the whole country; gangs would come in turn from a distance, or be called in when necessary. Now-a-days this is not done, and the result is that the demand falls with excessive severity on certain tracts, such as the circles of villages round Dharmśāla or Palampur. The amount of annoyance and positive loss inflicted on the people of these villages by the system in some years is deplorable. A less docile population would have got rid of the burden long ago. I remember that, in reply to a tentative proposal which I made to them, the people of these villages volunteered to pay what to the great majority of them was a large addition to their revenue, to form a fund, out of which gangs of porters could be kept up. Most native officials and all the headmen in the villages are, for evident reasons, in favour of the system, and its abolition would cause some temporary, and more or less permanent, inconvenience to the district officers and to English travellers. The statement in the margin shows the proportions in which the rural population are exempt, subject to light, or subject to heavy, labour, according to the new lists."

<table>
<thead>
<tr>
<th>District</th>
<th>Akar.</th>
<th>Sarbāhak</th>
<th>Begārā.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kangra Proper</td>
<td>35,660</td>
<td>17,378</td>
<td>45,492</td>
</tr>
<tr>
<td>Kulu and Saraj</td>
<td>276</td>
<td>17</td>
<td>12,147</td>
</tr>
</tbody>
</table>

Under the orders of Government the begār system was abolished in Kangra Proper in 1884, and in Kulu in 1896; but in both places the landowners are required to turn out for labour under certain conditions laid down in the revenue records, the Government order extending only to the abolition of unpaid and not of fully paid labour. In the recent Settlement contractors were appointed at various stages in Kangra Proper and were given assignments of revenue varying from Rs. 24 to Rs. 48 per annum in consideration of their providing coolies and supplies for travellers; and, although some inconvenience has necessarily resulted, there can be no doubt that the abolition of begār did away with much hardship.

The Kangra District including Kulu forms a Division of the Roads and Buildings Branch of the Public Works Department under an Executive Engineer, who is subordinate to the Superintending Engineer of the 2nd Circle of the Department at Ambala.

For Forests, see Chapter II C., Post Offices and Telegraphs, Chapter II G., Medical, Chapter III J., Education, Chapter III L., and Ecclesiastical, Chapter I H.

The Military Works of the District are under the Garrison Engineer, Military Works, Lahore.
Section B.—Justice.

Judicial work is controlled by the Divisional and Sessions Judge of the Hoshiarpur Civil Division, who takes his work up to Dharamsala during part of the hot weather. There is no additional Judge. The Deputy Commissioner of Kangra is also usually Divisional Judge for Kulu.

On the subject of Civil Justice, Mr. A. Langley, I.C.S., District Judge, writes:—

The commonest classes of civil cases in the District are (a) suits for money or movable property, (b) suits for the custody of a wife, (c) guardianship cases. The two latter may be described as abnormally common, the cause being the greater value of women in this district, who are purchased as wives by men of outside districts as well as of the District itself.

The Civil Courts are: (1) District Judge, (2) Treasury Officer, (3) Revenue Assistant (rarely does Civil work), (4) Honorary Civil Judges—(a) Raja of Lambagrion, (b) Raja of Nadaun, (c) Raja of Kotliar, (d) Raja of Siba, (5) Tahsildars of Kangra, Nûrpur, Pâlampur, Dera and Hamîrpur. Besides these there are 2 Munsiffs, both of whose courts are located at Kangra—the Kangra Munsiff with jurisdiction over the Kangra and Pâlampur tahsils, and the Dera Munsiff with jurisdiction over the Nûrpur, Dera and Hamîrpur Tahsils.

The Deputy Commissioner is not District Judge, and the District Judge is usually a full time District Judge. There is no Subordinate Judge. The present Kangra Munsiff has Small Cause Court powers up to Rs. 50 in the Kangra Tahsil.

No Code of tribal custom has been compiled, but a ravâji-âm was prepared for the District as a whole. In the following points the custom of this District appears to be at variance with the custom of the rest of the Punjab:—

Chândâvândi is the ordinary rule of succession among all classes except Gaddis who generally follow the pargand rule. This was ruled in a case where the parties were Râthis of Pâlampur Tahsil (Punjab Record, 22 of 1902).

For the same reason, in cases where a man leaves a widow, and a son by another wife, the Revenue Officers have been ordering mutations to be made in the names of the widow and her stepson in equal shares. At the same time attempts by widows to obtain a separate possession of their share are opposed by stepsons. The majority of suits for possession or partition have been decided in favour of the widow in the District Courts and so far no appeal has gone up to the Chief Court. The general sense of the community on this point appears to be that so long as she receives proper maintenance the widow has no right to a separate possession from that of her stepson. Disputes do not often arise, and when they do they are
usually arranged by the relatives persuading the stepson to give his stepmother the produce of a part of the land for her maintenance. There is no entry in the *rīvāj-i-ām* on this point.

It is recorded in the *rīvāj-i-ām* that in default of sons and widows, unmarried daughters succeed and retain possession with the same limited power as a widow enjoys until marriage, when succession passes to the collaterals. There is no provision in the *rīvāj-i-ām* as to the succession of married daughters, but the Civil Courts of the District have decided in several instances that in the absence of collaterals married daughters are entitled to succeed.

Though there is no entry to this effect in the *rīvāj-i-ām*, the right of widows to succeed as collaterals, appears to be generally admitted. In mutation orders widows' names are always entered among the collaterals and this right has been upheld in the Civil Courts.

Among agriculturists widows remarried by the *jhanjāra* ceremony and their offspring from such a marriage have the same rights in the above respects as widows married in the ordinary way and their offspring. Punjab Record, 98 of 1890, lays down that the *jhanjāra* is a valid form of marriage among *sartora* Rājpūts, who are one of the lower or impure classes of Rājpūts. This finding appears to be at variance with the principle of the criminal appeal decided in Punjab Record, 25 of 1888, where it was held that the *jhanjāra* ceremony is not a valid marriage within the meaning of Section 494, Indian Penal Code. If her status is recognised from such a point of view as succession, as being that of a married woman, there seems no good reason for refusing the marriage the protection of the criminal law. These remarks refer to the remarriage of widows by the *jhanjāra* ceremony. Among Ghirths a woman can be married by this ceremony to another man during the lifetime of her husband with the latter's consent, and the Ghirths consider the marriage a valid one. Among the higher castes—Brāhmans, Rājpūts, etc., who do not allow remarriage of widows, a widow's tenure is conditional on her remaining chaste. Among the lower castes, a widow does not forfeit her rights through unchastity unless she also deserts her husband's house.

The idea of the village community is practically non-existent in this district. This is due partly to the fact that agriculturists' houses are scattered and not united in the compact form of a village and partly because most proprietors received in former times grants of their lands from the ruling Rājās.

Instead of each village jealously guarding its own lands, immigration from outside is not resented, and it is a common thing for one so-called "village" to have grazing rights of a greater or less

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(1) This judgment was based on a statement of opinion made by the District Magistrate, the late Mr. E. O'Brien. Of late years however the Criminal Courts of the District have regarded this form of marriage as valid for the purpose of the Section.
degree in another village. True, it was held in Punjab Record 64 of 1893, that where a man had occupied land in a new village, his collaterals residing in the village of his birth had not necessarily the right to succeed on his death to his lands in the new village. This, however, is contrary to the sentiment of the people, who consider that collaterals should inherit in all such cases and this same question is now on appeal to the Chief Court.

Section 29 of the general *vīrāj-i-am* of the District is to the effect that pre-emption is confined to collaterals. This again is a proof of the absence of any sentiment of a village community. It has, however, been held that this restriction does not apply to holders in a joint *khālu*.

The Deputy Commissioner is ex-officio Registrar of the district. The Treasury Officer of Kangra is ex-officio Sub-registrar at headquarters, while official sub-registrars are stationed at the various tahsils. Some of the principal *jāgīrdārs* of the district are non-official sub-registrars.

Section C.—Land Revenue.

A.—Village communities and tenures.

This subject will best be introduced by two extracts from Sir J. B. Lyall’s Settlement Report, which define in clear and forcible language the main incidents of the tenure of land under the indigenous Government of the country.

First.—Under the Rājās, the theory of property in land was that each Rāja was the landlord of the whole of his Rāj or principality, not merely in the degree in which everywhere in India the state is, in one sense, the landlord, but in a clearer and stronger degree. The Mughal emperors, in communications addressed to the Hill Rājās, gave them the title of zamīndār, *i.e.*, landholder. Documents are preserved in some of the Rājās’ families in which this address is used. The Rāja was not, like a feudal king, lord paramount over inferior lords of manors, but rather, as it were, manorial lord of his whole country. Each principality was a single estate, divided for management into a certain number of circuits. The circuits were not themselves estates like the *mauzās* of the plains; they were mere groupings of holdings under one collector of rents. The waste lands, great or small, were the Rājās’ waste: the arable lands were made up of the separate holdings of his tenants. The rent due from the holder of each field was payable direct to the Rāja, unless he remitted it, as an act of favour to the holder, or assigned it in *jāgīr* to a third party in lieu of pay, or as a subsistence allowance. So also the grazing fees due from the owner of each herd or flock were payable to the Rāja, and these were rarely or never assigned to any *jāgīrdār*. The agents who,
collected these dues, from the vazir down to the village headmen, were the Raja’s servants, appointed and paid directly by himself. Every several interest in land, whether the right to cultivate certain fields, to graze exclusively certain plots of waste, work a water-mill, set a net to catch game or hawks on a mountain, or put a fish-weir in a stream, was held direct of the Raja as a separate holding or tenancy. The incumbent or tenant at the most called his interest a varisi or inheritance, not a mālikī or lordship.

The artizans and other non-agriculturists resident in villages held their láhi bāsi, or garden plots, of the Raja, not of their village employers and customers, and paid their cesses and were bound to service to him only. They were not the only class bound to service; the regular landholders were all liable to be pressed into service of some kind, military or menial. The Raja’s kept a tight hold upon the wastes: certain portions of forest were kept as rakh or shooting preserves; and trees, whether in forest or open waste, could not be felled except with the Raja’s permission. No new field could be formed out of the waste without a patta or grant from the Raja. No vazir or other revenue agent, and no jagirdar could give permission to reclaim waste. Such a power was jealously withheld, as it might have led to the growth of intermediate lordships. I have heard it said that, from a feeling of this kind, vazirs or karidars were never chosen from the royal clan, and jagirs were generally given in scattered pieces. Certain rights of common in the waste round and about their houses were enjoyed, not only by the regular landholders, but by all the rural inhabitants; but these rights were subject to the Raja’s right to reclaim, to which there was no definite limit. In short, all rights were supposed to come from the Raja; several rights, such as holdings of land, etc., from his grant; others, such as rights of common, from his sufferance.

Second.—With regard to cultivated lands, the gist of the description (that given by Mr. Barnes) is, that “there were two separate properties in the soil, the first and paramount being the right of the State to a share of the gross produce, and the second the hereditary right of cultivation, and claim to the rest of the produce on the part of the cultivator.” This hereditary right to hold and cultivate land was known as a varisi, i.e., inheritance. It was contingent on the proper cultivation of the land and the punctual payment of the Government dues. Directly these conditions were neglected, the Government had an undoubted right to transfer the tenure to another; but at first the alienation was only temporary, and the claim to recover within a certain period was universally

(1) The Raja’s took a share of every kind of income; the best hawk caught in a net, the largest fish caught in a weir, a share of the honey of the bee-hives, and of the fruit of the best fruit trees; even trees planted by a man in his own field were held to be royal property if of certain valuable kinds.

(2) Lyall’s Seri. Rep., § 20. Sir J. B. Lyall is here summarising Mr. Barnes’ description, which he appears fully to endorse.

(3) In the same para. Sir J. B. Lyall further says: “All the landholders agree in deriving this original title from a patta, or deed of grant, from the Raja.”
recognized. The right was not saleable, for the holders "never considered their tenure of that absolute and perfect character that they could transfer it finally to another. The land they argued belongs to Government; ours is simply the right to cultivate." But, though not saleable, the right could be mortgaged for a time, and when the incumbent had no heirs, he was permitted to select a successor, and transfer his land to him in his lifetime.

The first point to be here noted is a very important distinction between the tenures of the hills and those of the plain country. "In the latter" (remarked Mr. Lyall), "if the proprietors of any old village are asked how they became possessed of their estate, they will generally say that their ancestor found the land waste and settled on it, and founded the village, or that he acquired it by conquest or purchase; they rarely admit that they owe their first title to any action of Government or superior authority." On the other hand, the Raja was the acknowledged fountain of all rights in the soil, and no tenure was complete without investiture from him. This distinction is the key to a proper understanding of the hill tenures.

It must therefore be remembered that the above description refers to the country generally, that is, to the kabadvâri talukas, as they are sometimes called, and not, except with many reservations, to the talukas of Indaura, Khairan, Kandi, Lodhwan, and Surajpur in Tahsil Nûrpûr, and chauki Kotihr in Tahsil Hamîrpûr. Towards the plains the tenures assume a different complexion. Instead of an agricultural body equal among themselves, and looking only to Government as their superior, the community is divided into various grades, and one class enjoys privileges which do not extend to the rest. For instance, in parts of Nûrpûr and Hamîrpûr, there exists in some villages a proprietary class who levy from the other cultivators a fixed cess on the entire grain produce, varying from one to two seers in every maund, and a small money rate of four to two annas on every ghumâo of land cultivated with sugarcane, cotton, safflower, or other stuffs not divisible in kind. These dues are collected at every harvest, and divided among the proprietors according to ancestral shares. But this is the sum of their profits; for the whole community, proprietors or not proprietors, pay at money rates according to the rateable distribution of the Government revenue. In some villages, again, the owners take not only the ordinary mâlikâna (in kind or cash) but in addition ten per cent. of the produce from the joint heap. This is called nûrpâr. The rents are taken in kind or at money rates. Here and there was a family in each mauza or hamlet which claimed a kind of superiority or lordship. Under the Râjâs, in practice, the rights of these families seem to have been limited to the privilege of giving the headman to the village or hamlet, and levying certain small cesses on the crops of the other cultivators. In as many cases as not the headman appropriated all the cesses, and gave no share to his kinsmen. Where these mauzas contained any forest, the Râjâs treated
it as their own. Mr. Lyall wrote:—"I have heard of several instances where a family of this kind was expelled for slight cause
by the Rājās, and re-admitted after a time on payment of a fine. Mr. Barnes was inclined to think that the privileges and position of
these families were, in origin, official: this may be a true view; many facts go to support it, but it is equally possible that they are
the remnants of a proprietary right at one time as perfect as the village proprietorship of the plain, but, in course of time, reduced
by the encroachments of the Rājās to something considerably less."

In the hills, as we have seen, the principality forms one estate,
of which the Rājā was the landlord in a sense unknown in other
parts of the Punjab. The next step in the sub-division of the
country was its conventional distribution into talukas. The same
word is in use in parts of the plain country of the Punjab; but there
the absence of marked physical features rendered the formation of
the taluka circle a matter, as it were, of accident: for instance, a
taluka in the plains often represents just that portion of land which
some petty Sikh chief was able in bygone times to seize and hold:
boundaries, again, were liable to a constant alteration, the ruler of
the day effacing the mark set up by his predecessor. In the hills,
on the other hand, the diversified nature of the country suggests
natural landmarks, and these have determined the limits of the
taluka sub-divisions. Thus the fertile plains of Indaura and Khairan,
two talukas of the Nūrpur Tahsil, present a striking contrast to the
bare tertiary hills of Maubāla and Fatehpur, which adjoin them;
these again have nothing in common with the sandstone rocks and
extensive plateau of the talukas of Nūrpur (Proper) and Jagatpur.
Pālam and Kāngra, though apparently portions of the same valley,
are distinguished by a difference of elevation. The talukas of Chan-
gar and Bālihīr are separated by the crest of an intervening range.
Thus the nature of the country has stamped an impress of per-
manence upon its sub-divisions, which have with very few exceptions
survived unchanged from the earliest time, and have acquired a
deep hold upon the feelings and prejudices of the people. A list of
the talukas grouped into the modern tahsils has been given at page
1 (Chapter I).

The talukas were sub-divided by the Rājās for fiscal management
into circuits, (1) each one of which was so constituted in respect of
size and physical characteristics as to represent "just that amount
of land which one man could efficiently supervise;" with the assistance
of a "complete and numerous set of officials," all of whom
were the Rājā's servants. In order to secure this result, the circuits
were of various dimensions according to the nature of the country

(1) Barnes' Sett. Rep., §§ 104—110. The vernacular name for these sub-
divisions of the taluka varies in different parts of the District. The names men-
tioned by Lyall are tappa, hakimi and magdi. Barnes mentions the first and last.
Tappa is the word commonly used. There is no exact English equivalent, and the
general word "circuit," which is employed by both Settlement Officers, offers perhaps
the nearest possible approach to accuracy. "Canton" corresponds to taluka.
extensive in the hilly tracts, where population and arable land are scarce; contracted in the open and closely-cultivated valleys. Where the circuits are very small, it is generally found that they are fragments of an original larger circuit, which was broken up often by assignment to land-revenue under the Sikh or Moghal administration.

The constitution of these fiscal circuits is discussed by both Barnes and Lyall. Barnes appears to recognise two classes:—

1. Circuits composed of an aggregation of independent hamlets. The hamlets have each their separate boundaries which are as jealously watched and maintained as those of larger communities. This is the more common class comprising all but those in the irrigated valleys.

2. Circuits composed of an aggregation of isolated freeholds. There is no recognition of internal boundaries other than those of each individual holding.

Lyall substitutes for this classification one based on the difference of the tenures of waste land in different mauzas.

Class I—Mauzas formed of holdings of detached fields with no boundaries in the waste.

Class II—Mauzas formed of hamlets with boundaries in the lesser wastes only.

Class III—Mauzas formed of hamlets with boundaries including all the wastes.

He criticises Barnes' classification by pointing out that the distinction between freehold and hamlet is not so sharply defined as his classification would imply; in both the origin of the tenure is the same, viz., a grant of land by the State to the holders or their ancestors. The difference is, that in the case of the hamlet the fields are so compactly situated round the house or houses of the family that the settlement is divided from the fields of the next family by intervening waste; in the case of the freehold (or mixed holding, as Lyall prefers to call it) the fields are generally apart from the houses and intermixed with those of other families, and no compact and isolated settlement can grow up. These facts, that is, the compactness and isolation of the fields composing the family holding in the case of the mauza composed of hamlets, and their intermixture in the other case, though they left the tenure of the fields, the same in course of time produced a degree of difference in the tenure of the waste in different mauzas. In the one, boundaries between the family holdings in the waste within the mauza grew by degrees into more or less perfect recognition; in the other, no idea of such appropriation or division of the waste arose.

"A glance at the outward aspect of the mauzas will, I think, make it clear that this degree of difference of tenure in waste has mainly arisen from physical causes. Take first, a mauza in the
irrigated villages. The low and tolerably level parts of the area, which can be conveniently flooded from the water channel form the har or open expanse of rice-fields. This land is too valuable and too swampy to be lived upon; the houses of the landholders are seen closely scattered along the comparatively high and dry ridges or rising ground. Each family has a garden, orchard, or small field or two round the house or houses in which it lives; the rest of its holding is made up of fields scattered here and there in the har. Near the houses are long strips of grass like village-greens on which the cattle graze in common. Now in a mauza of this kind it is evident that the idea of boundary in the waste between family and family has not had the chance of arising. Often, however, a large mauza of this kind is divided by some natural barrier (e.g., a deep ravine, river-bed, or high ridge) into two or more parts, having little communion together. Such natural divisions of the mauza were sometimes recognized under the name of tikas. But the tika was just as much an arbitrary division as the mauza itself; the different families in it, being of different castes, had little or no united feeling, and no sense of common property in the waste.

"Take next, a mauza in a country where there is no irrigation, but where the features of the landscape are bold; that is, where open arable slope or plain alternate with steep unculturable hill. Here the houses of the landholders will be seen scattered over the surface of the arable land, the fields of each family lying, with few exceptions, compactly round the houses of the family, only separated from those of the next family by paths, or by small plots, strips, or banks, of unculturable waste. The general grazing grounds are the hill sides which surround the arable land. Here, again, there has been no opportunity for the growth of a feeling of boundary between family and family in the waste as a whole. Small strips or plots of waste among and round the fields are in a way recognized as pertaining to the fields to which they are nearest; but the wastes outside, that is, the hill sides, are felt not to belong to one family more than to another,—to be in fact no man’s land.

"Thirdly, take a mauza in an unirrigated country where the features of the landscape are not bold; that is, where it is composed of a mass of low steep hills, intersected by hundreds of narrow valleys or ravines. In a country like this there is little culturable land, and what there is, is scattered here and there along the tops of the ridges and edges of the ravines. Culturable and unculturable lands are everywhere intermixed in about the same proportion in one direction as in another. Consequently the houses of the landholders are seen placed at nearly equal distances all over the area of the mauza, each group of houses surrounded by waste sprinkled with fields. Each family, as it has grown from its ancestor, the first settler, has brought under the plough all the culturable land within its reach, but has still, within the orbit of its fields, much waste, enough or nearly enough for its requirements in
the way of grazing ground. In a country like this, whatever the original theory of property in the waste might be, it is easy to see that, in the course of time, when no surplus culturable land was left to tempt new squatters, a feeling of boundaries in the waste between family and family must arise; the whole area of the mauza would be sub-divided by such boundaries.

In every village in Kangra Proper the tenure of waste falls into one of these three classes; and this threefold division is the basis of the classification of mauzas given above.

The hamlet or tika, which is the real social unit, is therefore a sub-division of the mauza forming a community more or less isolated within its own boundaries. Lyall, however, takes exception to Barnes' statement that "each hamlet has its own separate boundaries which are as jealously watched and maintained as those of larger communities" as being too wide on two grounds:—

(1) Even among mauzas formed of hamlets there are (as shown above) two sub-classes, in one of which the hamlet has boundaries only in the lesser waste, not in the greater.

(2) In many cases the hamlet boundaries existed as a half-formed idea in the minds of the landlords rather than as an accepted fact, and were not accepted by the State; and where they may be said to have existed, it remains to be considered to what they amounted, that is, what rights in the wastes included in them were implied in their recognition, either as between the families of landholders, or as between the landholders and the State.

The hamlets differ greatly in size. They are largest and most compact in the Hamirpur Tahsil and parts of the Dera and Nªpur Tahsils. Here they are called grãon or gãon. In other parts the word applied to them is larh. In Nªpur another word—basa—is sometimes used, particularly for the secluded little hamlets, which lie perched on the sides of the Háthi Dhár. Generally it may be said that when the family has grown large, the houses and holdings are dignified with the title of gãon, or village; while smaller hamlets are called larh or basa, words equivalent to our homestead.

When a family grows large, it is of course a sign that it has been long established. The oldest and largest hamlets are generally held by families of good caste, who, on various grounds, used to hold rent free, in whole or part, under the Rájas, and who therefore had a special motive for sticking together and holding to the land. Generally speaking, in that part of the country which is nearest to the plains the landholders had stronger feeling of property in the soil, and it is there that the largest hamlets are found. In the irrigated valleys the families and family holdings are generally small, one reason, according to Lyall, being that the malaria from the

(1) "Some are assessed as low as Rs. 5. Others, again, pay a revenue of Rs. 200 to Rs. 300." (Barnes).
rice-fields has prevented the families from increasing. Not only in Kangra but in Gurdaspur and other districts he had noticed an extraordinary difference in the growth of families in irrigated and unirrigated estates. In the one case the pedigree-tree shows little increase of numbers in many generations; in the other, in the same time the family has expanded into something like a clan; and where a family grew numerous in spite of the malaria, it did not hang together long; the rent of the rice-lands was heavy, and transfers of fields, in default of payment, were frequent; many holdings were always going a-begging for an occupant; and the tendency was for members of a family to separate and settle on newly-acquired holdings.

Turning now to individual holdings, it appears that the highest form of property recognized in these hills was the hereditary right of cultivation (wariśi) described on pages 137 and 138. This right was conferred by a deed of grant (patta) from the Raja, which was never granted for a whole village or even hamlet, nor for a block containing waste as well as arable land, but always for specified fields or cultivable plots of which not only the rent, but the name and area also were specified in the deed; and the grantee ostensibly acquired no title beyond the four corners of his patta. By custom, however, such a grantee enjoyed a full right of common (barian) in the unenclosed wastes surrounding his holding. This right has now, as will be shown, become a right of ownership; but that no such right was recognized by settler, governor, or governed, under native rule, is amply proved by Lyall, whose views are given below. Barnes thus describes the wariśi rights:

"It is difficult to say what constitutes, in the estimation of the people, an hereditary ownership in the land. I believe the term properly applied belongs only to the descendants of the original settlers, who by their industry and enterprise first reclaimed the waste. I have known cases where the pre-ent incumbent has held uninterrupted possession for thirty or forty years, but he will not assume, nor will the people concede to him, the appellation of wariśi. If asked whose land it is, they will still refer to those traditional persons in whom the right was once known to reside. There may be no traces of the vegetable owners; another family may have enjoyed for half a century all the substantial privileges attaching to the hereditary usufruct of the land, but the rank will still be withheld. Time alone can effect the change. As generations pass away, the title of the incumbent gradually acquires validity, less by the force of his own prescriptive claims than by the lapse of time, which has obliterated the memory of the past.

"Strictly speaking, the right to hereditary possession was contingent upon the proper cultivation of land and the punctual payments of the Government dues. Directly these conditions were neglected, the Government had an undoubted right to transfer the tenure to another, and to

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(1) The use of the word wariśi is by no means limited to agricultural tenures, but is applied equally to the hereditary right to official posts, e.g., to the posts of chaudhi or khowat. So, too, the hereditary vocations of the tantri or the blacksmith, the carpenter or the priest, are each a species of wariśi. The term in fact is applied to any hereditary right or privilege whatsoever.
provide for the security of its own revenue. At first the alienation was only temporary, and the right to return within a certain period was universally recognized. Under the rule of the Rájas this limit was exceedingly ill-defined. Popular feeling was always in favour of the hereditary claimant, and no lapse of time within the memory of the inhabitants was insufficient to depair his title. When the hills were ceded to us, hundreds of individuals who had left the country through the oppression of the Sikhs recovered their lands by simply presenting themselves at the village and proving their title to the actual incumbents; and in our Courts, whenever the claims of a hereditary owner of land, no matter how long dispossessed, were submitted to a village council, the arbitrators invariably awarded the entire holding to the wáris.

"The State was the acknowledged proprietor, and levied its rent in money or kind according to its exigencies or pleasure. The right of the people was simply the right to cultivate. There was no intermediate class to intercept the earnings of industry, or to appropriate a share of the public revenue. All that was not required for the subsistence of the cultivator went direct into the Government treasury."

On this Lyall remarked:

"I believe that this is a very good description of the tenure on which the fields or cultivated lands were held. It shows that the landholder was rather a crown-tenant than a landlord; he called his right a wáris, or inheritance, not a málik, or lordship, and the same term applied to every kind of interest held of the Raja even to a claim to some village office. But it does not matter whether we dub the wáris in English a landlord or a crown-tenant, there is no doubt but that we must consider him to have had a property in his holding. In some principalities his claim on his holding was stronger than in others. I have heard old men, in praising the Rájas of the Katoch or Kangra family, say 'they paid more respect to the cultivators' wáris, than other hill Rájas; they would rather take 75 from the wáris than 100 from an outsider.'

"How little respect other Rájas sometimes paid to the wáris may be gathered from stories relating to old times, which I have heard repeated, and from instances which have occurred in recent times in protected Hill states. For instance, common report says that, not many years ago, the Raja of Chamba more than once, by summary order, turned a man out of his ancestral house and lands, and gave them to a covetous neighbour. In fact some say that to get such an order it was only necessary to get access to the Raja and present an offering of a handful of rupees, but this is no doubt an exaggeration. But, at any rate, in some of the Hill states the cultivators had no better protection against the Raja than the Irish tenant used to have against his landlord: a good Raja never evicted an old cultivator without a very strong cause any more than a good Irish landlord did, but there was no protection against a bad Raja for a cultivator of humble position, though a strong family of good caste or social standing had little reason to fear.

"If the proprietors of any old village in the plains of the Punjab are asked how they became possessed of their estate, they will generally say that their ancestor found the land waste and settled on it, and founded the village, or that he acquired it by conquest or purchase; they rarely admit that they owe their first title to any action of Government or superior"

\(^{(1)}\) Kangra is favourably compared with Goler in an old saying, which may be roughly translated: "Book and ledger Kangra, pitch and toss Goler." This referred, think, as much to security of tenure as to fixity of rent.
authority. No doubt this is commonly mere brag on their part; nevertheless it is a significant fact that the feeling which gives rise to such bragging is not found in these hills where all the landholders agree in deriving their original title from a patta or deed of grant of the Raja. These pattas were given not for villages or hamlets, or blocks of country containing sufficient waste for grazing as well as arable land, but for certain specified fields or culturable plots only; the name and area of the plot, as well as the rent at which it was to be held, are generally all to be found entered in the patta."

The following table gives the comparative age of titles in 1870:

<table>
<thead>
<tr>
<th>Number of family holdings</th>
<th>Acquired by present holders</th>
<th>From the father</th>
<th>From the grand-father</th>
<th>From the great-grand-father</th>
<th>From four to six generations</th>
<th>From six to ten generations</th>
<th>Above ten generations</th>
</tr>
</thead>
<tbody>
<tr>
<td>37,761</td>
<td>6,119</td>
<td>8,993</td>
<td>8,467</td>
<td>6,169</td>
<td>5,534</td>
<td>1,909</td>
<td>570</td>
</tr>
</tbody>
</table>

Lyall says (para: 71):—

"In parganas Kánga and Dera not more than one-third go back to the grandfathers of the present holders; in Nárupur and Hamirpur about one-third can be traced further." (1)

Waste lands, the estates consisted of holdings of cultivated fields only, not, as was ordinarily the case in the plains, of shares in all the arable and waste land within the boundaries of a village or mauza. The landholder of the hills had an interest no doubt in the waste mixed up with and surrounding his fields, but that interest differed in degree and in character from his rights in the arable land. There can be no doubt whatever that, prior to the Regular Settlement, all unenclosed waste was the property of the State, and that the landholders had merely rights of user therein.

These rights were called bartan, and resembled the rights of common enjoyed by the commoners over unenclosed waste and forests in England. The most universal was the right to pasture cattle or sheep and goats, the right to cut grass or leaves of certain trees for fodder, to cut thorns for hedges, to break off or pick up dry wood for fuel. There were other privileges generally enjoyed, which can hardly be classed as rights of user, as they were only lawfully exercised with the permission first obtained of some local official. Such were the privileges of getting all timber for roofing or farm purposes, green wood for fuel at marriages and funerals, splinters of pine for torches, &c.

"That these rights, such as the right of pasture and taking wood for fuel, were mere rights of user, and rights of common, and not signs...

(1) On the other hand, the remark of Barnes, section 124, that the people cling tenaciously to their right of wáris, which no length of time would abolish, has been understood to imply that he considered that most of the holdings had been held for years.
of ownership of the soil, will, I think, be admitted when they are described. For instance, to take the right of pasture, not only the regular landholders, but also the other residents in the villages, such as traders, shop-keepers, artisans, and carriers, all grazed their cattle, sheep, and goats in the waste lands nearest their houses. Most of these men, no doubt, were also in some degree landholders, but some who were not, kept a cow and goat or two.

"Again the State collected a grazing-tax, from which no class was excepted. It was levied everywhere on buffaloes, and in most or all places on sheep and goats; the only distinction was that professional shepherds and herdsmen were taxed at higher rates than other classes. Cows and oxen were excused, but only, I believe, on superstitious grounds (gai ki pun). Again, supposing the right of grazing to be a sign of ownership of the soil then it is certain that the customary limits, within which the men of each mauza or hamlet exercised their right, would be found to correspond with the boundaries of the mauza or the hamlet (where a hamlet boundary existed); but in practice grazing was not governed by such boundaries. As often as not in waste lands, of whatever kind, on or near the boundary of a mauza or circuit (where the boundary did not form a natural barrier), the nearest inhabitants on both sides of the boundary had a common right of pasturage, and I have seen cases in which a block of waste within one mauza boundary was in practice exclusively grazed by some families holding land and residing in the next mauza. So, again, in those parts of the country where hamlet boundaries within mauzas may be said to have been pretty clearly recognized, many hamlets grazed their herds on wastes out of their own boundaries, and no rule but one of convenience seems to have first decided where the cattle of each hamlet should or should not go. The original idea seems to have been that grazing in the unenclosed wastes was free to all men; then gradually, as the country became thickly inhabited, the convenient distances within which each hamlet had been accustomed to drive its cattle to pasture became the limits of its right of grazing. These limits, however, overlapped, that is to say, while each hamlet had some waste, that nearest its houses, which it grazed exclusively, and upon which no other hamlet, as a matter of fact, intruded, the wastes further off, which were equally handy to other hamlets, were grazed on in common by all. It may be noticed also that it was a general custom that carriers, shepherds, or herdsmen on the march could halt anywhere and graze for a day or two without leave asked. The same description which I have given of the right of pasture will apply generally to the right of taking wood for fuel, and the other rights of user. For instance, where a circuit or mauza contained little or no forest or scrub, the residents invariably had a right to go for fuel, thorns, &c., to the nearest forest or jungle in some other mauza. So, again, in the case of waste lands on the edge of a mauza, the right to cut the hay, or tall grass which springs up in the rains, sometimes belonged, by custom, to persons whose lands and houses were in the next mauza. All these rights of the villagers in the waste were alike in this, that they were enjoyed by all residents, not by the regular landholders only, and were exercised within limits independent of mauza or hamlet boundaries.

"These two features alone seem to me to show clearly that they were of the character of rights of user, not of attributes of proprietorship in the soil of the waste; but if any doubt remains, it will perhaps be removed when the rights exercised over the waste by the State are described. The State, in the exercise of its rights of reclaiming cultivable plots, and putting blocks of forest in preserves, could annul, with
KANGRA DISTRICT. [Rights in waste lands. [PART A.]

CHAP. III. C. Original rights of the State in waste lands within mauzas.

respects to such plots or blocks of waste, the interests therein of the neighbouring landholders; and so long as it did not thereby stint them to an unbearable degree of pasturage, &c., it would have been held to be only acting within its rights. It would, I think, be a clear mistake to con-ider a loose interest in the waste generally, not in any definite part of it, to amount to a proprietorship of the soil.

"Certain blocks of forest within mouzas were reserved as rakhs or shooting preserves by the State; no grazing of cattle or trespass for cutting off grass or branches was allowed in thm. A Rajput, to express the care which the old Rajas took of the forests, will often say that they considered them their garden. In forests not especially preserved, and even in the open waste lands, trees could not be felled without permission. In most principalities the Rajas used to impose a thak, or prohibition of grazing, on all forests for the three months of the rains; (1) this was done, I think, partly as an assertion of authority and partly with an idea of benefit to trees and game. Again the Rajas used to grant to the Gujjars and Gaddis, professional herdsmen and shepherds, the exclusive right to graze buffaloes or sheep and goats in particular beats or runs at certain seasons.

"In waste lands of all kinds the State had a right of approvement, that is to say the State could empower any person to break up and hold of it any plot of waste; (2) no waste land could be broken up without a patta of dead or grant. The Rajas were very jealous in this respect under them no wazir or kardar could give a patta of his own authority. The persons who reclaimed waste land under such a patta thenceforward held it direct of the State. He got at once as good a title as any landholder in the country; there was nothing higher in the way of title than the claim distinguished as a wazir; and to a native the strongest form of wazir imaginary was derived from succession by inheritance to land reclaimed from waste by a father or other ancestor under authority of a patta from the Rajas. If the person who reclaimed the waste had before lived in another mauza and removed thence to reside on the new holding, he became at once entitled to the same barta, or rights of user, in the wastes surrounding him as the oldest inhabitant.

"The idea of a tenant farming part of the holding of an ordinary landholder or crown-tenant was familiar enough to the hill people. A subordinate tenant of this kind was called an opahu, but the idea of a tenant holding land of the community or body of landholders of a mauza was quite incomprehensible to them. The explanation is, that there was no feeling in the minds of the landholders of a collective property in the wastes within their mauza or circuit. In fact such a feeling has not yet fairly taken root, and the following facts will show how slowly it grows in the minds of the hill people. Under the loose and greedy system of government which the Sikhs introduced, any petty kardar could make

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(1) This custom prevails still in some dependent Hill States. In part of Mandi after the thak is over, the people are not allowed to cut grass and wood for fuel, unless they pay some grain fees to a contractor, who has leased the grass and small wood of the forest from the Raj.

(2) As will be explained hereafter, in the mauza composed of hamlets, it is only true with certain reservations, that the State had the power to grant any plot to any person, and even in the other mauzas the power of the State over the lesser waste was in practice limited. Police, and the fear of being thought tyrannical, prevented it from doing anything which would seriously injure the rights of user of the old established landholders. All sorts of objections would be made, and often with success, to the grant of any plot near a homestead, e.g., that it was the nikai dagan, or place where the cattle stand when first let out of the stall, or their sandh or biak, that is, the place where they lie in the heat of the day.
grants of waste lands for cultivation, and under our Government the village headmen have been encouraged to give patta naactor, or reclamation leases, in writing. Accordingly, a good deal of land has been broken up since Settlement, in most cases by men of the mauza, but often by outsiders; in either case the reclaimer considers himself, and is considered by his neighbours, to hold as a proprietor, not as a tenant of the community; and this is the case with respect to men who have reclaimed land within the last five years, notwithstanding that for the last fifteen years the landholders have been repeatedly told, and have, to a certain extent, understood that, as a result of Mr. Barnes' Settlement, the waste lands have become their property. Many, however, have not really understood the change at all. I suppose that, while I was revising the Settlement in Kangra, I must have been asked several hundred times by landholders to give them pattas or grants for waste plots within their own or some other circuit.

"All this that I have written respecting the right of the State to give grants of waste to outsiders, and the absence of a collective feeling of property in waste in the minds of the communities of landholders, is quite accurate with regard to perhaps the larger part of the country, especially the part most distant from the plains, but hardly accurate with regard to the rest. In my description of the constitution of a hill circuit I have explained how the family holdings in one class of mauzas remained mere holdings of detached fields, while in another class they grew into hamlets compactly formed and separated from their neighbours by more or less distinctly recognized boundaries in the waste. It was, I think, of this latter class of mauza, which is divisible into hamlets, that Mr. Barnes was thinking when he said that extensive wastes or forests were considered the undivided property of the State, implying thereby that the lesser wastes were in part the property of the landholders. It was indeed the fact, with regard to a mauza of this kind, that putting aside any large wastes which it contained (such as a block of forest or the crest of a hill or mountain), in the remaining or lesser wastes hamlet boundaries would have been found sometimes distinct, often indistinct, according to the degree of development which the hamlets had attained. And where you found hamlet boundaries, you would have found also that the family possessing the fields had some kind of feeling of collective property in the waste within its boundary. They would have hardly called such waste their chik or ground, like their fields, nor would they have felt competent to put in an outsider to break up a plot and hold it as their tenant, or even to break up a plot themselves without permission; but if the State had proposed to give a patta or grant out of it to an outsider, they would have greatly objected.\(^{(1)}\) In fact they would have argued fairly enough that the barto, or use of the plot, belonged either entirely or principally to them, and that as they would be the greatest sufferers by its enclosure, it should be given to them to enclose, if to any one. Even if a member of the family of the hamlet got the patta, he would have been probably compelled to throw the plot into the common holding, and thereby give the others each his share. In those parts of the country in which hamlet and hamlet boundaries in the waste were most developed, all the

\(^{(1)}\) In part of Hamirpur, where there are no large wastes, and the hamlet boundaries are most distinct, I have heard an intelligent man say that, in the old times, it the Raja had given to a bannah valah—i.e. an inhabitant of a neighbouring hamlet, a patta or rent-bearing lease for waste land within another hamlet boundary, the men of the hamlet would have objected, or claimed a preferential right to take it up; but that if the Raja gave an outsider a grant of such land, to be held rent-free as a favour, the objections of the men of the hamlet, if made, would not have been considered valid either by the Raja or the public.
fields of a hamlet are, with few exceptions, held by the family on ancestral shares. This is proof that here the feeling of collective property in the waste within hamlet boundaries existed, and was strong enough to prevent appropriation of any part by individual members of the family. On the other hand, where the hamlets were less developed, it will generally be found that only a part of the holding is held on ancestral shares, and that the rest, which has been reclaimed from the waste as the family has grown, is held by the actual reclaimers or their heirs only."

To summarise the tenures described in the foregoing paragraphs:—There were two rights in the soil recognised under native rule,—the paramount right of property vested in the Raja as landlord, and the right of cultivation derived by grant from the Raja and vested in the cultivators. The first right extended to the whole of the principality; the second primarily extended only to the plot specified in the grant, but carried with it further rights of common in adjacent waste. For purposes of administration, all plots of land leased to cultivators were grouped into circuits of such size as to allow of supervision by a staff of officials. In some cases (not in all, the determining causes being dependent upon accidents of locality) minor groups of holdings (hamlets) were recognized as forming the units of which the larger circuit was composed. In some cases (not in all, the causes being again accidental) distinct boundaries, whether of circuits or of hamlets, were recognised, in which both waste and cultivated lands were included. The system of tenure came down practically unchanged until the introduction of British rule. The period of Sikh dominion, it is true, had intervened, but the Sikhs do not appear to have altered the tenure of land, however much they confused the old system of administration. Moreover, many tracts were under their direct management for a very short time only, and a few never. Before their time the Moghal Emperors had taken certain tracts as imperial demesnes, but these tracts were not large, and the Rajas now and again recovered possession; so that even in these the system of tenure established by the Rajas was not materially changed.

The introduction of British rule was immediately followed by a Settlement of the land revenue upon principles imported from the plains of the North-West Provinces. The loose circuits of the Rajas became estates in the technical sense, i.e., revenue-paying units. Boundaries were laid down defining the limits of villages and (south of the Beas) of hamlets, and the whole area of the district, waste as well as cultivated, was included in the village boundaries. The holders of cultivated plots were declared to be joint proprietors of the areas thus defined in the sense in which that term is used in the plains.

The transformation thus effected has the following main features:—

(1). The body of landholders in each circuit were converted into a proprietary body, in which each landholder (or khevatdar) was
proprietor of his own holding of arable land, and co-proprietor (in proportion to the amount of land revenue paid by him) of the waste.

(2). As a natural corollary to this, when the time came for assessment, the revenue of each circuit was assessed as a lump sum for the payment of which the whole body of landholders became jointly responsible during the term of Settlement. Great as this revolution was, it appears to have been quietly acquiesced in by the people, who indeed were considerable gainers by the innovation; for with the rights of property acquired in the waste, the village communities received, by way of compensation for the joint responsibility imposed, the right to collect and divide among themselves the income arising from it, which was formerly included in the regular revenue collections made by the State.

(3). Though in theory Barnes states (section 129) that "extensive wastes and forests are usually considered the undivided property of Government," yet it has resulted from his arrangement that the property in the soil of waste land has been held by Government to have passed to the landholders, the State retaining only general rights of property in the timber, which rights, in a majority of instances, but not in all, are especially reserved in the village administration papers.\(^{(12)}\)

(4). The State being the proprietor of forest trees in the waste, it follows that in the forest, that is, in waste land more or less covered with wild tree or bush, the State and the landholders have separate properties, neither of which are free, for the property of the State in the trees is subject to the right of the landholders and other residents of the village (and, perhaps, of other villages) to obtain the necessary quantities of wood for fuel, and timber for farm implements and building purposes; and the property of the landholders in the soil is subject to the right of the State to preserve the trees.

(5). The State, while transferring the property in the soil of the waste to the owners of fields, necessarily reserved the existing rights of third parties; the rights of the Gujars to their sodnas, or cattle walks, and of the Gaddi shepherds to their sheep runs, remained unaffected by the change; as also did the rights of common belonging, by custom, to the people of one mauza in the waste of another mauza.

(6). In the changes thus effected, holdings of cultivated land alone remained unmodified. Upon these the effect of the Settlement proceedings was to confirm the tenure, making it de jure, as well as de facto, proprietary.

\(^{(12)}\) It was sought subsequently to evade these consequences, but the Government steadily refused to sanction any procedure which could possibly be construed as a breach of faith. For an account of the controversy which arose upon the subject, see Trevel's Report paras. 28, 29.
To bring villages thus composed under the usual technical classification involves necessarily some straining of the terms employed. The technical nomenclature could perhaps be applied with less violence to the hamlets than to the villages as a whole. Thus Lyall wrote—

"The hamlets, taken separately, are, in respect of tenure, little miniatures of the villages in the plains. The Hindu law of inheritance, and divergences from such law caused by various causes, taken with the original ryotwari tenure prevailing under former governments, explain everything. About 7 per cent. might be classed as zamindari, 20 per cent. as patidari, and the rest as bhainchhara estates. But it is safer not to bring into the hills these strange terms which are apt to mislead, and to say merely that about 7 per cent. are at the present moment owned by one man or by several holding in common, 27 per cent. by bodies of men (generally of one family) holding in part at least severally, and owning the estate on ancestral or customary shares, and the remainder by men also holding in whole or part severally, but not on shares, and where the only measure of right quoad the whole hamlet or the undivided part of it, is the proportion paid by each landholder of the sum total of the revenue."

Although the people graze their beasts indiscriminately in waste lands among the hamlets, guided only as to where they should go by certain vague rules of custom based upon mutual convenience; yet certain parts of such waste are appropriated, for a part of the year, by individuals as hayfields or kharets. Any time between the 15th June and the 15th October it may be observed that, while the greater part of the waste near the houses has been closely grazed, there are many clearly defined plots in which the grass grows long and thick. These are the kharets of the landholders, on which they rely for a supply of hay and long grass for thatching; often these plots are protected by the steepness of the ground or by some natural barrier; but, where necessary, the cattle are kept off by a temporary hedge of thorns. These hedges are put up at the beginning of the rains, and removed when the hay is cut; so that for the greater part of the year no one but the men of the place could tell where the common waste begins or the kharets ends, and, in fact, there is then no distinction, as both are grazed over indiscriminately. The limits of the kharets are fixed; the same plot is preserved each year; most landholders have their kharets, but a few have none, and others, who might be expected to have much have very little. Generally the kharets is in the waste nearest the house and fields of the holder; but sometimes it is near another hamlet, in a different mauza or circuit, in a forest, or high up on the hills. Those who have no kharets make a shift by putting a corner of a field in grass, or by preserving the grass on the terraces and banks of their fields. In former times, when there was more elbow room, the neighbours would not object to a man hedging round a bit of waste for a time, particularly in the rainy months when grass is plentiful. In a few years he or his successors would have established a prescriptive right; this is how most of the kharets originated, but some, no
doubt, were assigned to the holders by orders of the Rájás or officials of the State. For instance, in some villages which have always been but scantily supplied with grazing land, there are families of Labínás who hold very large khareťars and very little cultivated land; these men keep many oxen, and are hereditary carriers: the Rájás gave them large khareťars, because they frequently impressed their oxen for the carriage of stores.

The landholders did not consider themselves owners of their khareťar lands in the same way or degree as of their cultivated fields. They paid no rent to the State for them, and the payment of some kind of rent or revenue to the State is the great criterion of ownership in the mind of a hill-man. The Rájás would have held that the right was a right to the grass only so long as the land was not granted to any one for the purpose of cultivation, and the landholders would not have denied the theory, though they would have objected to their khareťars being turned into fields, on the ground that grass was necessary to them. In Mr. Barnes’ Settlement papers khareťars were not distinguished from the rest of the waste lands. But in practice the title to the hay has been recognized to be as valid and absolute as that to any other property. Mr. Lyall divided the khareťars into two classes, gāli, near the house or amidst the fields, and ban in the forests or on the high hill slopes. The former were recorded as private property; the latter as village common, subject to the individual’s customary right of cutting hay for three months.

The rights of pasture are described in Chap. II. A, pp. 185-44. Rights of pasture and grazing dues.

Of the cattle-runs, whether sañārd, bhimhāra, or dhár, the only one recognized in the old Settlement records were those held by Gújár herdsmen on whom alone the grazing tax was maintained after Settlement. The reason of the distinction was this. When, at the Regular Settlement, the miscellaneous dues which had previously been collected by the State were made over to the newly constituted village communities, the Gújár herdsmen objected to their grazing dues being transferred on the very reasonable ground that the limits of their runs and of the village overlapped, so that collections would have been difficult and liabilities uncertain. All exclusive rights to grazing possessed by Gújars were entered in the Settlement records. Such exclusive rights exist only in Kángra Proper, and not in all parts of it, nor for all Gújars.

With regard to the sheep-runs of Kángra Proper, Mr. Lyall thus explains his action:

"In the case of the sheep-runs (dhár) in Bara and Chhota Bangáshal the rights are sufficiently definite and clear, and are declared in the village records; but the runs in other parts of the Dháola Dhár are ordinarily admitted to be open to all comers, and the preferential claims asserted to a few are so vague and loose in nature, and difficult to attest, that I thought it safest to make no entry regarding even them. So, again, no entry in the village records will be found with regard to winter sheep-runs..."
Subordinate rights.

It may be noted that the cattle and sheep-runs often overlap each other, as, buffaloes and sheep feeding on different herbage, the two rights do not conflict.

In Kangra the title of Government, by old custom, to all natural streams and rivers is clear, subject, however, to rights of user possessed by shareholders in canals, owners of water-mills or persons entitled by custom to erect fish-weirs. Water-mills are sometimes owned by Jhíwars or Kahárs; often they are owned by landholders, and worked by Jhíwars. A tax on them, which used to go to Government, was, at Settlement, made over, as miscellaneous village income, to the landholders of each mauza. Chips or fish-weirs are put up in fixed places in small streams for two months in early autumn, and in branches of large rivers later on when the floods are abating. In most parts the landholders of the adjoining hamlet unite to put up the chip, and they claim a vested right to the place and would object to a new weir being erected within a certain distance, or within their hamlet: yet the right can hardly be said to go altogether with ownership of the fields on the banks, as an owner sometimes has no share in the chip. Prescription or custom is the test.

Lyall thus discusses these subordinate rights:

"The tenures which I have been describing hitherto were formerly all of one grade. The Gaddí shepherd and Gújar herdsman held their interests in their dhár or soádás as directly of the State as the regular landholders held their fields. The same may be said of the owners of water-mills, of lahrs, or of privileges of setting nets for hawks, or putting up fish-weirs in certain places; and I do not know that the position of these tenures is necessarily altered by the fact that the State has transferred the ownership of the soils of the wastes to the village communities. The Gaddí shepherd, at any rate, who pays his grazing fees direct to the State, still holds his interest direct of the State. He is a tenant of the State within the interest which it has reserved when divesting itself of the ownership of the soil. With regard to the Gújar herdsman, the hawk-netter, or mill-owner, the case is perhaps different; they now pay their dues to the village communities, and must, I think, be considered to hold of them. But if their tenancy originated before the State transferred

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(13) It is not uncommon for the dhár váris to attempt to sublet his dhár, but the people in general have never acquiesced in this, and the practice of alienation has been forbidden in the Forest Settlement of Kangra which is now (1904) before Government.
the proprietorship of the soil to the zamindárs, they should, in my opinion, be held to possess a heritable and transferable title, and to be subject to pay rent or dues at customary rates only, or, in case of a general revision of assessment, at rates to be fixed for term of Settlement by the Settlement Officer, at the same share of net profit as may be used in assessing the land tax. The actual beds of streams and the water in them belong to Government. If, therefore, any persons have a right to erect fish-weirs in them, they are tenants of the State in respect of such right. No dues have ever been exacted from such persons though they used to send a big fish now and then to the Rája in olden times. The lahri-holder pays no rent either to the State or communities. He is proprietor of his holding, but not a shareholder in the village. In one way he may now be considered to hold of the village community, for, if his interest lapsed, the land would revert to it, and not, as before, to the State."

He thus describes the rights retained by Government in village waste:

"With regard to forests, all trees growing wild or planted by Govern-
ment in common waste are asserted to be the property of the State, with reservation of the rights of use (bautan) belonging by custom to the landholders of the manzás and others; it is also mentioned that conservancy rules have been from time to time framed by Government for the protection of the trees, and the regulation of the exercise of the rights of use, and that these rules are binding on the landholders till altered by Government. Again, it is declared that common waste of the nature of forest cannot be divided, except with permission of Government, which may be refused in the interest of forest conservancy. Again, it is declared that common waste cannot be broken up for cultivation, or enclosed or transferred by sale, &c., without permission obtained by an application to be presented at the tahsil; and that permission may be refused in case there are trees on the land, either absolutely or until payment of their value, and that persons taking possession without permission may be ejected by Government. These rules only define in precise terms what has been the former practice of the district under those Deputy Commissioners who have looked actively after the forests. Permission to cultivate has very frequently been refused, and squatters on forest land have been forcibly ejected. It is true that practically no restrictions have been put upon the sale of forest lands to Europeans who wanted them to form tea or cinchona gardens, but this was because Government saw good reason for sacrificing its forest rights in such cases. Again, it is declared under the authority of the letter of the Secretary to Government, Punjab, No. 347, dated 6th January 1867, that the State has relinquished its claim to royal trees in cultivated land or in land entered in the new records as private waste." (14).

For the tenure of lands, cultivated for tea, see Chapter II.

In 1863, after the question of the proprietorship of waste lands had been finally decided in favour of the village landholders, Major Lake, then Commissioner, recommended that the boundaries of hamlets

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(14) In private waste are included—1st, the small plots held by almost every landholder and not included in the rating (bach); and, 2ndly, the blocks of waste land bought of village communities by Europeans prior to revision of Settlement. I brought these clauses specially to the notice of Government in my No. 173, dated 25th November 1868, to the Commissioner of the Division in answer to a question put by the Financial Commissioner, also in my No. 309, dated 16th August 1868, to Secretary to Financial Commissioner.
within manzās should be defined in the rest of Kāngra Proper, as they had been at the first Settlement in a great part of tahsil Hamirpur and the waste lands in that way subdivided. He mentioned that such subdivisions existed more or less in other parts of the District, but were quite unrecognised in the Settlement Records, which described all wastes as the common property of the whole manza. This, when the demand for land arose, hindered sales, and caused injustice to individuals; on the one hand, no man was willing to sell land of which he had in practice the exclusive enjoyment, when he would only get a small share of the price in case of sale; and, on the other hand, a majority entitled by the record to a share of the price could always be found who were ready to sell land in which they had no right by custom and no enjoyment in practice. The Government approved the measure, and a beginning was made in tahsil Kāngra. Hamlets properly so called did not generally exist in this tract, but there were large subdivisions of the manzās, commonly known as tikās, and most of these had been demarcated in a rough way in the patwāris. The first thing to be done in every manza was to find out into how many hamlets it should be subdivided, and to demarcate their boundaries. The people, as a rule, were eager to subdivide, as the measure gave them, for the first time, what they felt to be a solid property in the waste; and, moreover, did away with the fear they had long entertained that Government was about to take possession on its own account. Where the hamlets or family holdings were large and compact, each formed one tikā; in the contrary case two or more were clubbed together into one. The number of tikās to be made in a village being decided, the settlement and demarcation of boundaries were left to the people themselves. With few exceptions they adopted without dispute the natural lines which had always been more or less vaguely recognized among themselves. It was only when these natural lines produced a glaringly unequal distribution of the waste that objections were made to them, and then some slight concession ordinarily produced an agreement. Large blocks of waste were demarcated separately under the name chak shāmīlē tikā, that is, blocks of the common property of the village. Small blocks of valuable waste to which several hamlets laid claim, and which they did not care to divide, were included in the boundary of one tikā, but declared by entry to be the common property of two or more hamlets.

Many objections were brought forward and disposed of; in most cases by the parties agreeing that certain plots in one tikā should be recorded as the common property of two or more. In one or two cases in which the demarcation made was objected to, and it was found impossible to bring the different parties in a village to any agreement, the tikās were declared to be mere survey blocks, and the whole of the unoccupied waste to be, as before, common property of the whole village. Nothing else could be
done, for the basis of the whole work was mutual agreement, and though boundaries were already recognized in a way, yet they were too vague to be good grounds for decree, and no one would have wished or consented to divide the whole waste of a _manza_ in proportion to rating for the revenue, which we have made the measure of right in waste lands of _bhāručhīra_ villages in the plains. The measure of _tikābanī_ was not extended in revision of Settlement to _탈실_ Kālu for the reasons given in Part II of the Settlement Report.

The result of the measure in Kāŋgra Proper was to demarcate in the _kabza_ _virī_ _talukas_ of the four _parganas_ as many as 5,688 _tikās_, of which 5,512 were true hamlets or separate estates and 176 were blocks of waste and forest reserved as common property of a whole township. Of the hamlets, 607 contain within their boundaries some plots of waste land, which have also been reserved to the whole township, but with these exceptions all waste in hamlet boundaries now belongs to the landholders in the hamlet, subject, however, to the forest rights of the State and to rights of common pasture, &c., which may belong by ancient custom to people of neighbouring hamlets, so long as the land is not brought under cultivation. In these _manzas_, therefore, in which _tikābanī_ has been effected, the township now resembles in aspect those common in some parts of the Multan Division, in which the whole of the cultivated and the whole or greater part of the waste lands are divided into separate ring fence estates; and the only bonds of union are the common village officers and the mutual liability to make good the revenue, with, in some instances, the addition of a share (calculable on share in payment of the revenue) in a block of common waste. Out of 898,304 acres of unoccupied waste in the 582 _manzas_ of Kāŋgra Proper, 392,437 have been reserved as common land of whole township and the rest has been divided among the _tikās_. In 244 townships all waste was subdivided; in 214 some was reserved; in the rest no _tikā_ were made; of these one or two were not divided on account of dispute; a few more were too small; the rest are outside the hills, and resemble villages of the plains in character of tenure. These figures do not, however, show the full amount of subdivision of waste which was effected in revision of Settlement. The great majority of the _tikās_ contain the holdings of several distinct families; and where, as is often the case in the low hills, these holdings are themselves compact, and stand apart from each other, these families took the opportunity offered by revision of Settlement to divide among themselves the whole of the waste lands within the boundaries of their _tikā_, which has thereby become a mere cluster of separate estates, each of which has its arable and waste lands in a ring fence. There are 528 _tikās_ of this description, and in a great number more, most of the waste has been so subdivided, leaving only a small proportion of the common property of the different families in the _tikā_.

**Kāŋgra District.** _Sub-divisions of waste land._ [Part A.]

**CHAP. III C.**

**Land Revenue.**

_Tikabani_ or definition of hamlet boundaries.

Result of the definition of hamlet boundaries; extent to which the waste lands have been subdivided.
In the irrigated tracts several *mauzas*, or rather *lambardārs'* jurisdictions were often much intermixed. No changes were made when *mauz* boundaries were defined at first Settlement; hence it followed that many family holdings of fields were separated (in the records) from the waste lands surrounding them and the *mauz* to which they naturally belonged, and treated as outlying plots (*chak dakhili or khāriji*) belonging to another with which they had really no concern. The families owning these plots lived on or close to them, and not in the *mauz* to which they belonged in theory. So long as the waste lands were recognized as the property of the State it did not matter much to a landholder to what *mauz* or rather circuit of management, he was attached; but when the property in the waste was transferred to the village communities, it became clearly important to him that he should have a proprietary share in the waste lands round his fields and homestead in which he had by custom a right of user and not in other waste, perhaps several miles away, with which he had practically nothing to do. It was, therefore, determined to unite these plots, which were numerous in the main valley, to the village to which they naturally belonged.

"It may be worth while to make a guess as to the original cause of the difference between the tenure of land in these hills and that existing in the plains of the Punjab. It may perhaps have to do with the ethnology of the country; there is an idea current in the hills that of the landholding castes the Thākkars, Rāthis, Kanets, and Ghiraths are either indigenous to the hills, or of mixed race and indigenous by the half blood, and that the Rājputs, Brahmans, Khātris, and Jats, and others are the descendants of invaders or settlers from the plains. It is commonly believed that the inhabitants of the plains are the descendants of tribes of Aryan race, who successively invaded India from the northwest. They came as settlers, and more or less completely expelled the aborigines from the tracts in which they settled, driving them back into the forests and mountains. It is easy to see how such a settlement by free tribes might result in a division of the country into estates held by village communities. I believe that this is how the plains of the Punjab were settled. As to the hills I suppose that they remained to a much later date inhabited only by aboriginal tribes, and that eventually they were invaded not by tribes of settlers driving back the old inhabitants, but by military adventurers subduing them much in the way in which Ireland was first invaded from England. May not certain peculiarities which we see in the hills, such as the formation of petty principalities, the sole lordship of the chief, the customs of primogeniture in his family, the contempt of the plough and business of farming by Rājputs and Brahmans, be explained as the effect of such conquering invasions, and of the military order which the invaders would have to maintain in the constitution of their society in order to keep down a subject race?"

"But, perhaps, the physical difference between a flat and a mountainous country will of itself account for the difference of tenures."

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12 Certain peculiarities in the present religious ideas and customs prevailing in the hills have some resemblance to facts recorded of the wild tribes still to be found in some parts of India. There are traditions which show that human sacrifices were sometimes made by the Rāj as in comparatively recent times.
Subdivision of holdings.

In a flat defenceless country like the plains of the Punjab, men naturally congregated in large villages for mutual protection; the houses being built wall to wall, each village was a castle; the land nearest the village was cultivated, the rest remained waste; the men of each village formed in a degree a political unit; village fought with village; and hence an idea of village boundaries and village lordship over the wastes might naturally arise. In the hills, on the contrary, the broken nature of the country prevented the formation of large villages like those in the plains; the houses had to be scattered here and there, so as to be near enough to the patches of culturable land. No single hamlet was strong enough to stand by itself, so all had to put themselves for protection under some territorial chief and to unite under his leadership to defend themselves against outsiders. Hence might arise the idea of the sole lordship of the chief, the absence of village boundaries in the waste and the theory that all the waste was the property of the chief."

Returns made out at the Revised Settlement showed that there were even in 1867, 37,599 families (i.e., households, or groups of kinsmen holding shares in an ancestral estate and living on it in separate houses) of landholders in the (then) four tahsils of Kangra Proper, and their holdings were divided into 79,840 lots. The number of shares is, of course, greatly in excess of this figure, for brothers and cousins very frequently hold their common inheritance without partition. (Lyall). For the four tahsils of Kangra Proper, the total number of proprietors and tenants is given in Appendix I to his Report as 232,829.

The following is taken from Mr. Anderson's Settlement Report, section 10:—

"Kangra Proper is a tract of small holdings. Mr. Lyall at the Revised Settlement calculated that 6½ acres of arable land owned jointly by two brothers or cousins was the ordinary type of a proprietary holding and 3 acres cultivated jointly by two brothers the type of a tenancy. In Kangra the average was 2 acres for a single proprietor and 1 acre for a single tenant. He considered that subdivision had reached its lowest point; and he noted that even then they could not all live on the land, and that many had to leave their homes for service. But the process of partition has been going on rapidly since the Revised Settlement, and the statistics show that the area per holding is now a good deal less than it was.

### Table

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<th>Tahsil</th>
<th>Average Cultivated Area</th>
<th>Average Revenue per Holding</th>
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<td>Per holding.</td>
<td>Per owner.</td>
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<td>Nurepur</td>
<td>41</td>
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Tenants in this District fall into three main classes:

1. The tenant who farms with plough and oxen furnished by the landlord.
2. The true tenant farmer or opáhu.
3. The occupancy tenant.

The class which farms the land with plough and oxen furnished by the landholder, comes between the káma, who is a mere farm servant, and the regular opáhu or tenant farmer. They are called by various names in different localities, the name generally having reference to their share of the gross outturn, which is one-half of what remains after putting aside the sat or share formerly taken by Government, the sat being half or a third, their share is a fourth or a third; if they are assisted by a káma supplied by the landholder, they get only an eighth. Hence originated the names, by which they are commonly distinguished, of chauteqú, trihána, or atholú tenants. In Palam they are also called phúk-pholú, a name which conveys the idea that such a tenancy is a livelihood for a single soul only. The custom is for the landholder to engage with men of this class at the beginning of the year for the year only, giving them something at the time by way of súí or earnest-money. It is of course impossible for any kind of tenant right to grow up in land farmed in this way from year to year only.

The true tenant farmer or opáhu finds his own livestock and implements; if he resides on the land he cultivates, he is generally distinguished as a basú or basikú opáhu.\(^{16}\) If he lives in the village but not on the land, he is called simply an opáhu or an adheo, or a kirán; and if he comes from another village to cultivate, a hal-chúk, bhátrí, oprá or dúdhárchár opáhu. The last word implies that he has put up some kind of shed on the land in which to stay the night when necessary. These opáhus, with the exception of a very few who pay rúrá, that is, a fixed rent in grain and cash, are all metayer tenants, sharing the gross produce with the proprietor in proportions which vary according to agreement or

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\(^{16}\) The word bijhé is often applied to an owner of the land to distinguish him from the mere tenant farmer or opáhu.
custom of the locality. When the grain is in the heap, the fees due to the weighman, watchman and rural artizans, are first deducted and the remainder is then divided. In most localities the proprietor gets a half even on unirrigated lands, but if tenants are scarce, or the soil not very good, he gets only two-fifths or one-third, or in some cases one-fourth. On the other hand, on good irrigated lands he gets more than a half. For instance, in Ghiron, Bandi, and Chari, exceptionally fertile villages in taluka Rihli, the produce of the irrigated lands is generally divided between proprietor and tenant as follows:—The purana mad, that is, the old Government demand, so many measures of grain, is first taken out of the heap by the proprietor, then the seed corn, with half as much again as interest, is taken out and appropriated by the person, whoever he might be, who supplied it at sowing time. The remainder, after deduction of village servants’ fees, is divided half and half between proprietor and tenant, but the proprietor, when the tenant’s share is ascertained, recovers from him a fee of 10 per cent. in grain or panehota. Nowhere else does the proprietor get such a large share of the produce: in the Hal Dun he only gets half, and in the best irrigated lands of Palam and Rajgiri only half plus karda or panehota, at the rate of five kacha sers per kacha man on the tenant’s share. In Rajgiri and Palam the produce of a field of sugarcane is divided as follows:—If the proprietor and tenant go halves in the expenses of working the press and the cauldron, then the gur or molasses is divided half and half; if the tenant bears all expenses, then the proprietor gets only one-third.  

The tenant farmer, in addition to his rent, is bound to give three days’ work in the year on any other land his landlord may have, if asked to do so. This service goes by the name of jovari. One day called haleta is taken at ploughing time, another (larotar) at reaping time, a third at karuti or mowing time. In some places only two days’ work is given instead of three. The landlord has to find the tenant food for the day. This custom of jovari prevails generally in Kangra, Hamirpur, and part of Dera; it is less defined towards the plains and in Tahsil Narpur; there, particularly in talukas Indaura and Khairan, the proprietors work their tenants in a rougher and looser fashion, getting what work they want out of them, but following no fixed rule. When a landholder goes on a visit, or entertains a marriage party, the tenant carries his bundle or comes to work in the house, getting food while so employed. This, though generally done, is not always or strictly enforced. A landholder only expects service of these kinds from a regular tenant, that is, from a family which holds a whole farm of him; between whom and himself there is a permanent connection.

(17) It is calculated in making account of working expenses that it takes twelve men and twelve oxen to work a sugar-press, cauldron, &c. The owner of the plant, whether he be the proprietor or tenant, charges for wear and tear of the press and cauldron, respectively, two or three kacha sers of gur per day.
The outsider, who comes from another village to cultivate certain fields for a season, or the man who holds a stray field only, would not be expected to do any service. It is a general custom in Hamirpur, Rájgíri, and parts of Pálam for the tenant to present to this landlord, on saíri day, an offering of a dish of walnuts, or a bunch of plantains. If the tenant is also an artizan, he presents some article of his manufacture, such as a pair of shoes, a bottle of oil, the legs of a bedstead, &c.

With regard to time of change or eviction of tenants, the general custom is, that, if a landlord puts in a man to cultivate the autumn crop, he must let him hold on for the spring crop also; whereas, if he puts him in before the spring crop, he may evict after it is harvested. The explanation of this is, that the autumn crop puts the farmer to greater expense and trouble, and it is therefore thought that he should be allowed to work out in a second harvest the benefit of the labour and manure put in for the first. But in some exceptional places the spring harvest is the most important, and there in consequence the rule is reversed. (15) Mr. Lyall wrote:

"The only class which are felt by the parties to hold from year to year, or for one harvest only, are the phúk-pholiús and others who farm with landlord's ploughs, and the opra opáhús and others who come from other villages. Between the basíkú opáhús (who have been induced to settle down on the land, and build themselves a basti or homestead on or near it for the purpose), and their landlords, the feeling or understanding is different. There is no deed or express verbal agreement, but the implied contract is that the tenant shall hold so long as he farms well and pays his rent; or in other words, tá qusúr, that is till commission of fault against his tenure. (16) Between the landlord and the other village opáhús who do not reside on the land, and lived in the village before they got it, who perhaps practice another trade besides farming, the feeling is rather that the tenant holds not tá qusúr, and not from year to year only, but for an indefinite time until it is to the advantage and convenience of the proprietor to dispose otherwise of the land. I have been talking of course of the fields which form a tenant's regular farm, not of stray fields, which he may take up in excess from time to time.

"This distinction, which I have drawn between the basíkú opáhús or tenant settled down on the land he farms, and the opáhús whose home though in the neighbourhood, is not connected with the farm, is one which is, I think, generally recognized. It is based on the presumption that

(15) This general custom is expressed in a popular rhyme—
"His autumn, his spring harvest: His betrothed, his bride."

(16) "At several meetings of proprietors and tenant held during Settlements the people were asked to explain what they considered a fault or qusúr which would justify a proprietor in evicting a tenant of this kind. They agreed in saying that it must be a fault strictly connected with the farm and causing loss to the proprietor, such as continued bad farming, stealing from the threshing floor, or failure to pay the rent punctually when the rent is a fixed sum. I remember myself putting to one meeting the case of a tenant whom I supposed to have lost his temper about a trifc, and to have given a deal of abuse to his landlord. I asked whether such conduct would be a fault justifying eviction and was told at once that it would not, though there is a particular dislike of abuse in the hills."
in the one case to induce the tenant to move, build, and settle down, he
must have been led to expect some permanence of tenure; in the other
case the same presumption does not arise. But to say that by custom and
feeling of the country the whole question of right depends on whether the
tenant lives on the land or not, is to say too much, and to draw a more
distinct line between the two classes than really existed or exists. In point
of fact, the degree of length of occupancy also carries great weight. Mr.
Barnes, in the passage already quoted, says: 'Sometimes the agent acquires,
by long possession, a prescriptive right to cultivate, and becomes a fixture
upon the soil; and I can say that in my Indian experience I have not met
with any race in whose minds the idea of right to a thing seems to grow up,
out of more enjoyment of it, so quickly as in the minds of the men of
these hills. Therefore, even where the tenant does not live on the land, if
he has held for many years, or if the tenancy has descended to him from
father or grandfather, it is felt to be a very hard case if he is evicted
without some strong cause.'

"As to the basíkú opáhús (particularly those who hold of proprietors
who have a caste or family prejudice against farming themselves), no one
can talk much with them without seeing that they at least believe them-
selves to have some kind of right of occupancy. In the Pálam particularly
I observed that those of old standing conceive themselves to have a right
to hold from the proprietors parallel to the right the latter have to hold
of the State. The proprietors in former times only held of the State so
long as they did service and paid rent punctually; so the tenants conceive
themselves to be of the proprietors. Just as the hold of the proprietor
or crown-tenant, weak at first, became strengthened by long possession
and descent from father to son into a wárisí or recognized right of inherit-
tance, so the same incidents have strengthened the opáhús's hold on his
farm. I have heard tenants of this class, speaking in evident good faith,
define their own interest and that of the proprietors in the land as follows:
'They are (málik) owners of the (sat) first half of the grain, and of the
(théka) business of paying the revenue, and we are (málik) owners of the
(árat) remaining half, and of the (táshti) business of cultivation. And if
you question the proprietors, they will admit that a basíkú opáhús, even of
short standing (unless he received the basí or homestead ready-made from
the proprietor), ought not to be evicted except for grave fault, and that
it is a great sin (páp) to evict one of old standing whether his progenitor
got the basí ready-made or not.'"

A third class of tenant remains, possessing occupancy rights as
defined by the Punjab Tenancy Act. This class is composed of two
main elements—ex-proprietors and reclaimers of waste. There are
many ways in which persons formerly proprietors have, while retain-
ing possession, lost their former status, some of which are enumera-
ted by Lyall:

"Perhaps," he writes, "the Rája assigned the rents or revenue of
their lands in rozgá and mújáh to some courtier, priest, or official. Assignees
of this kind if they lived on the spot, or enjoyed the grant for a length of
time, acquired in all men's eyes a kind of property in the land, and reduced
the cultivating proprietors to a very subservient position. When the Sikh
Government resumed a grant of this kind, to break the blow they allowed
the ex-mújáh to engage for the revenue and collect the grain rents as
before. We did the same in many cases when we first took the country;
and at Regular Settlement the man who paid the revenue was recorded
proprietor. Again, proprietors who got into debt or arrears of revenue,
often agreed with some banker, corn-merchant, or village kárdár, that for a time he should pay the revenue for them, and recoup himself by taking from them half the outturn. This was also the form of the only kind of mortgage known. When a man, be he kárdár, creditor, or mortgagee, was allowed to remain long in such a position, the origin of his connection with the land became forgotten or hard to prove, and the old proprietors sometimes sank into tenants, or were made so by error at first Settlement. Public feeling in Kangra undoubtedly awards a strong right of occupancy to all tenants of the ex-proprietor class, no matter in what way they may have lost grade."

"As to the reclaimer of waste," Mr. Lyall continues, "the waste being all State property or no man's land, it followed that no private person held any which he could make over to another for cultivation, and that the man who first cleared a field must hold it as a crown-tenant or proprietor, not as an opákhú. This was the rule; but in the Sikh times, when the kárdár could do much as they liked, a petty kárdár or village official would sometimes induce a man to break up waste with the idea of becoming a proprietor, and then dishonestly get the land entered in the revenue paper in his own name; or perhaps it would be understood that the land would stand in the kárdár's name, that he would take grain and pay cash to the State; but in such a case it is certain that there would be another understanding between the parties entitling the cultivator to permanent occupancy. Without such an understanding no man would have gone to the expense and trouble of breaking up waste in those days. If, therefore, a man occupying the position of a tenant can prove that the land when he first got it was waste, then it is certain that, by feeling of the country, he is entitled to a right of occupancy; the only exception which can be imagined would be a case in which the cultivator had been at no cost of his own, and supported and supplied with stock by the grantee, but such cases, I think, very rarely occurred in practice; the proprietor would have to prove the exception."

The tenants who are ex-proprietors are now protected by Section 5 of the Punjab Tenancy Act; and by Section 69 a tenant who has brought under cultivation waste land in which he has not a right of occupancy is entitled on ejectment to receive compensation for disturbance, but the mere reclamation of land from waste does not confer a right of occupancy.

Two peculiar forms of partnership in land are found in the District:

(1) The adhsáli is a partnership between cultivator and non-cultivator; instead of the cultivator paying the sat or lord's share of grain to the non-cultivator who pays the revenue, here both share the sat and pay the revenue between them; and there is nothing on the surface to show which of the two parties is the proprietor and which the mere partner or adhsáli.

(2) Sánjhi implies partnership both in payment of revenue and cultivation. Proprietors who had more land than they could manage

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(20) Taking the sat, is no sure proof of proprietorship, for in most parts of the district a muñjádár takes from the cultivators, who may or may not be proprietors, the same share of the produce which a proprietor would take from a tenant. Again, a proprietor pays the sat to his mortgagee, and the latter pays the revenue to the State.
often took a friend into such a partnership, dividing the grain and payment of revenue with him half-and-half, or on the number of ploughs put in by each. Here, again, there was nothing on the surface to distinguish the sānjhi from the proprietor.

The adhsāli tenure commonly arose from the free act of a person in full possession as proprietor,—some one who could not cultivate himself or get a tenant to settle down on other terms, or who could cultivate but found difficulty in paying the revenue, and bribed a capitalist to help him by admitting him to partnership. Supposing it can be shown which of the two parties in a holding is the original proprietor or vāris, then present native feeling attaches little weight to the claims of the others, i.e., the adhsāli or sānjhi. It presumes that the proprietor admitted him of his own free will to the partnership, and can dissolve it when he likes. If, however, it could be proved in any case that both parties’ interest in the land began at the same or nearly the same time, that, for instance, one of them got a lease of fields from the State, and immediately associated the other with himself, then the feeling would be in favour of making both parties proprietors, or at least of declaring the partnership indissoluble, except by mutual consent. Again, when the adhsāli cultivates, his rights as a tenant may be very strong, though as adhsāli he holds at will. The claims of such a tenant are, in practice, considered strong; the fact that the proprietor conceded so much is proof presumptive that the tenant helped him through difficulties which might have cost him his land, or that at least great inducements were held out to induce the tenant to settle down.

The number of sānjhidārs and adhsālidārs is getting less daily. The names of many were struck out in the recent Settlement in accordance with the terms under which they held, while others have been made proprietors or occupancy tenants of part of the land they cultivate. The cases of those that remain will be determined on their respective merits.

(b). Collection of Land Revenue under Native Rule.

The Rājās collected the land rent or revenue in various ways. In the unirrigated tracts the commonest way was to appraise for each harvest the actual produce, and then either to collect the Rājā’s share in kind, or, more commonly, to convert it into cash at rates somewhat above price current. The Rājā’s share was a half on good land; two-fifths, third, or even a fourth, on inferior lands. This share was called sat and the other, or cultivator’s share, was in some places in a rhyming way called karat. The sat was also commonly called the hākimi hissa or ruler’s share, and though Government now takes no share of the grain, the name is still used in dealings between present proprietors and their tenants. For instance, where a proprietor and tenant cultivate a field in common, in dividing the produce a half or third will be put aside as the sat or the hākimi hissa, and the rest (i.e.,

Modes of collecting the land rent or revenue, and peculiar forms of holdings under the Rājās. Lyall, § 81.
the karat) divided on the number of ploughs furnished by the two parties. The rents on crops other than grain, such as sugarcane, tobacco, safflower, &c., were usually (not always) collected as in other parts of India, not by share of produce, but in cash at rates per area of crop fixed for each tract. The patches of land irrigated from small streams which are found here and there in the driest parts of the hills, paid sometimes by share of produce, sometimes in cash, at sums fixed for each field or at fixed rates per area.

This was the normal way of collecting the land rent in unirrigated tracts; but in many places, when the average value of the collections had been ascertained and little room remained for increase, a cash jama or rental was assessed, which continued without change for a length of time, in fact until there were strong grounds for increasing or diminishing it. These assessments were not made mazunvar as in the plains, but for each family holding or, in other words, the jama or rental was not fixed for the whole mawza in one sum, but for each hamlet or homestead (gran, lahr, or baisa). The fixed rental covered the fields in cultivation only; if a new field was added to the holding from the waste, it was assessed, and the rental to that extent increased. In taluka Ramgarh there prevailed at one time a peculiar kind of fixed assessment. The fields were divided into three classes, and assessed in fixed quantities of grain according to class; this grain was not actually collected, but was converted every year into cash at rates a little above price current.

In some tracts a more artificial system prevailed than that of simply assessing the holding of each family. In place thereof the fields were grouped into arbitrary divisions or allotments, presumed to be of about equal rental one with another. This was, no doubt, in the main only an official mode of reckoning, devised to regulate the demands for rent and service; but the system has also had a considerable effect in shaping the family holdings, which were to some extent forced to fit into the allotments, and not allowed to grow or expand naturally. The names and natures of these allotments varied in different parts of the country; in Nûpur they were called vand, in Râjgúr, khûn, in Jaswán and Chanaur Kohásan, bher. The bher in taluka Jaswán and Chanaur Kohásan were of an average size of about sixty ghimnas. Half a bher was called an adher, a quarter a peina. These talukas were at one time an imperial demesne, and this measure, the bher, is said to have been invented by Todar Mal, the great finance minister of Akbar, probably to facilitate assessments only. Each bher was assessed in cash at Rs. 26, and over and above this fixed cash rent a share of the grain was taken, but at lighter rates than usual. The size of a family holding varied from a whole bher or more down to a half or a quarter. The vand which was in use in most talukas of pargana Nûpur, was a looser measure than the bher. The rents of the land were taken, part in grain by share of actual produce, and part in cash at fixed rates per vand varying from three to five rupees.
These cash dues, which were called rangat or bangat, always went into the Rájá's treasury; the grain rents on the other hand were almost always commuted for military service being assigned as rozar either to the actual landholders, or to an outsider. In the former case the landholders furnished one man between them for military service; in the latter the bangat was paid to the Rájá, half by the outsider (the rozjárvalá) and half by the cultivators. In lieu of the grain rents of one vand the Rájá got one soldier; or, according to another account, in some talukas, half a vand went to an infantry soldier, and one-and-a-half to a mounted man. The grain rents of a great many vands in Núrpur were assigned to Bráhman families in dharmarth, i.e., for the cause of religion. The khún of taluka Rájgíri was the same thing as the vand in Núrpur, but the rozjárvalá or assignee in Rájgíri got the whole rents of the khún not merely the grain rents, as in the case of the vand. In other unirrigated tracts, when the fields were not assorted into vand or khún, a part of the rents or grain rents were assigned in lieu of military service. For instance, in Mángarh and other parts of Golar each family of Rájpút, Ráthí, or Thákar landholders held about eight ghumáos of land rent free, in lieu of which they had to furnish one man in times of peace and two in times of war to attend the Rájá.

In Kothís Kodh and Sowáí, of taluka Bangáhal, a system prevailed very similar to the Kúl, jeolabandí or division of the fields into holdings known as jeolás; but the name of vand was generally used instead of jeola and the vand does not exactly resemble the Kúl jeola in its constitution. The gráon or villages which make up the kothís are scattered here and there at long distances on the precipitous sides of the mountains. The houses of the village all stand together, and wherever they are at not too great a distance, the ground is not too steep, and other circumstances are favourable, a part of the slope of the hill is brought into cultivation. These patches of cultivation, which are made up of numerous little roughly terraced compartments, are called sir. Each household in the village has its vand and each vand is supposed to have an equal share in each sir; and to ensure equality, the share is not taken in the shape of one field in each sir, but in several small plots situated in every corner of it; when a sir, as was often the case, was injured by a landslip, a rush of water or small avalanche of snow, it was the custom to re-divide by phoylá, i.e., lot (cast with marked goats' droppings).

These vands were not, as might be presumed, ancestral shares like those on which village estates in the plains are commonly held. The people of a village are not of one stock, and have come to the

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(1) We have probably in the vand of Bangáhal the primitive type of the Kúl jeola; the tenure was at one time alike in both countries, and popular in origin; but in this poor and remote tract it escaped the modifications at the hands of the Rájá which it underwent in Kúl.
village at different times. Under the Rájás these vands were held almost rent free, on condition of furnishing one man per vand for military service, and are therefore often spoken of by the people as their báto. The only item paid was a small tribute of grain, which went to provision the local forts. There were several reasons for this light assessment. In the first place Bangáhal was not a hereditary possession of the Kúlu Rájás; if the people had become disaffected, the province might easily have been seized by either the Mandi or the Katoch Rájás; secondly, the lands were poor, and the villages were always liable to be harassed by raids from Mandi, between which State and Kúlu there was almost perpetual war; thirdly, besides military service, the people were constantly impressed to carry loads, as the only way to get from Kúlu to Kángra, without passing through Mandi, was by the Sarrí Pass into Kodh Sowár. This round-about and difficult route was, in fact, a highway in those days. The vands were not divided among sons; the elder sons went out into the world, lived for a time by serving the Rája, and, in the end, were generally provided for by him by grants of other vands, which had been escheated to the Crown in default of male heirs or otherwise, or by being allowed a share in some new settlement in the waste. The youngest son stayed at home to succeed his father. In the time of the Chamba Rájás the Gaddís, who held land high up on the sides of the snowy range, where the crops were of little value, paid in a fashion more like a tax per head than a true land rent. Something of everything was taken, some small sums of cash, and some measures of grain, a rope, a blanket, some honey, wild herbs, &c.

In the irrigated tracts peculiar measures of forms of holding prevailed. For instance in taluka Pálam and parts of Rájgíri in the east of the Kángra Valley the fields were grouped into hal or ploughs. A collection of fields, for the most part in a ring fence, was rated as one hal, or sometime as two hal, or half-a-hal. The whole plot, or proportionate share of it, formed the holding of one family or individual. Often one family or household owned many hals or shares of hals in different places and in two or more mauzás. Again, in talukas Santa and Rihlí, in the west of the same valley, the fields were divided into plots, rated as one or more ghumáño. A hal ought to be that amount of land which can be farmed with one plough, and a ghumáño is a regular measure like an acre; but in point of fact, in this valley there was little or no correspondence, either in size or value, between one hal and another, or one ghumáño and the next. In the irrigated parts of taluka Bangáhal the plots were called bir and rated at so many dharún. A dharún is a measure of seed converted into a land-measure according to the amount of seed required to sow a plot.

Each of these plots of irrigated land, whether rated in hal, ghumáño, or dharún, had its own separate name and separate rental or assessment,—was, in fact, in some degree a little mahál of itself.
The assessment was in fixed measures of grain \(^{(1)}\) plus some small items of cash, and was known as the purána mül, or old valuation. It has existed time out of mind without change, though temporary remissions were often given in bad seasons, or to induce men to settle down on deserted holdings. In the Haldún, or irrigated valley of Goler, the rice lands are divided into plots of from five to ten ghundáv called kola. Each kola was a mahál of itself, with a separate name, and held on shares by men of different families who were unconnected with regard to their holdings of utar or unirrigated land. The Rájás assigned some share in these kólás to all holders of unirrigated land who asked for it, without much or any regard to manca boundaries. There were two classes of kólás; 1st, múdi, to which there were hereditary claimants, or, in the language of the country, a varis or dáwedár; 2nd, wáhir, to which there were no such claimants.

These last were, down to Settlement, considered free Crown property, and were leased from year to year. The múdi kólás generally had a fixed cash assessment, the wáhir kólás paid half produce into the Rájás's granaries. None of these kólás, a few of the largest excepted, have been partitioned as yet. All the shareholders provide ploughs according to their shares or their ability. All the labour is done in common; and when the harvest is got in, after putting aside from the gross outturn enough to meet the Government revenue and other expenses, the balance is divided upon the ploughs. Often four shareholders combine to furnish one plough. Each kola has an officer called the námédár, who manages the cultivation and collects the men and ploughs; and another called the handur, whose duty it is to let on the water: this last office is held in turn, but the first is generally hereditary. The námédár gets as a perquisite the head and leg of the goat sacrificed at harvest and first ploughing.

In taluka Indaur and Khaíran of Tahsil Nárpur, the only other tract in which there is much irrigation, no field assessment existed, and the revenue was collected by share of the actual produce of each harvest.

Everywhere, in irrigated and unirrigated tracts the regular land rents were increased by the addition of numerous extra cesses, some of which went to officials, but most into the Rájás's treasury. They differed in number and amount in each taluka, but were generally in the form of percentages in cash or grain. Some of the commonest were the jinád, or army tax; the paundah or war tax; aurú or a tax to cover the cost of writing aurú, i.e., receipts

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\(^{(1)}\) They were not measures of weight but measures of capacity, and ran as follows: 2 chahóa = 1 path; 2 path = 1 thimbi; 8 thimbi = 1 dharán; 6 dharán = 1 topa. In some places fifty thimbi went to the topa. In rice measure 1 chahóa is equal to 2 bacha sér; and in paddy measure to 1½ bacha sér. In Bangáhal the assessment bore a proportion to the quantity of seed supposed to be required; for example, say that a bir, or plot of an area of two dharán paid a rent of eight or ten dharán of rice; then its assessment was said to be chaungandi or panchgandi, that is four or five times the sum of the seed corn.
for the revenue; weigh-man's cess, or money-tester's cess; watchman's cess; kāndūngos or mohāsit's cess,—a cess to cover the cost of conveying the Government grain collections to the State granary. Bādha or bōdh (meaning extra) and lāg are names by which some of these extra cesses were known in many parts of the country. Some of them survive in dealings between mūdāfīdārs and proprietors, or proprietors and tenants.

In addition to the above-described regular rents and extra cesses on land, a number of miscellaneous items were collected in the villages, all of which went by the general name of banwazīrī. There seems to have been a separate staff for the collection of these dues under the Rājās. The Sikhs generally farmed the banwazīrī of a whole pargāna or of several talukas to one man, who sometimes, but not always, was also the kāndūr who had the collection of the regular land revenue. Many items of the banwazīrī had no direct connection with the land, and consisted of taxes paid by shop-keepers or artizans; but these classes lived on the Rājā's land, got timber and fire-wood from his forests, and grazed their cows and goats on his waste. In theory his right to demand taxes from them was based more upon his position as landlord than as head of the State. The number and amounts of the items of the banwazīrī differed greatly in different talukas. As an example, we may take a list of them for one, viz., Changer Ballyar:

<table>
<thead>
<tr>
<th>Article or profession assessed</th>
<th>Amount of charge</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaddi shepherd's flock</td>
<td>Rs. 2 per 100 head of sheep or goats.</td>
<td>A woollen chog and a he-goat was also taken from each shepherd.</td>
</tr>
<tr>
<td>Gujar herdsman's buffaloes</td>
<td>Re. 1 0 0 large buffalo...</td>
<td>Ozen and cows paid no grazing tax, apparently on religious grounds (gūdāks). In most talukas these dues were paid in ghī.</td>
</tr>
<tr>
<td>Landholder's buffalo, cow</td>
<td>0 8 0 small do...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Julīla or weaver</td>
<td>0 12 0 per loom...</td>
<td></td>
</tr>
<tr>
<td>Nāl or barber</td>
<td>0 12 0 per house...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Dhobi or washerman</td>
<td>0 12 0 do...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Khamār or potter</td>
<td>0 12 0 do...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Lohār or blacksmith</td>
<td>0 12 0 do...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Turkhān or carpenter</td>
<td>0 12 0 do...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Darāf or tailor</td>
<td>0 12 0 do...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Chamār or tanner</td>
<td>1 0 0 or one hide...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Karanik or village watchman</td>
<td>1 0 0</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Barhai or sawyer</td>
<td>0 2 0 per house...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Lahriāna or tax on garden land</td>
<td>0 1 0 0 do...</td>
<td>These are the rates for watermills owned and worked by Jihwars or Kḥādās, who were professional millers; those owned by landlords who used to grind corn for their own consumption were also taxed, but at lighter rates.</td>
</tr>
<tr>
<td>Tell or oil-man</td>
<td>0 4 0 per press...</td>
<td>In some talukas these dues were collected not in cash, but in kind, that is, each man paid some article of his own manufacture.</td>
</tr>
<tr>
<td>Water-mills on a river</td>
<td>8 manu of flour...</td>
<td>These are the rates for watermills owned and worked by Jihwars or Kḥādās, who were professional millers; those owned by landlords who used to grind corn for their own consumption were also taxed, but at lighter rates.</td>
</tr>
</tbody>
</table>

Do. on a hill torrent... | 14 ditto... | |

Do. on an irrigation canal... | 6 ditto... | |
The above list is taken from a report made out by an old official of the taluka, but it is probably not exhaustive, for in reports for other talukas many other items are entered such as—

<table>
<thead>
<tr>
<th>Description</th>
<th>Rs. a. p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yábé or pony</td>
<td>0 8 0 per head.</td>
</tr>
<tr>
<td>Shop-keeper</td>
<td>1 0 0 to 0·2 0 per shop.</td>
</tr>
<tr>
<td>Lélári or dyer</td>
<td>0 3 0 per house.</td>
</tr>
<tr>
<td>Sunád or goldsmith</td>
<td>0 3 0 per house.</td>
</tr>
<tr>
<td>Bálári or drummer</td>
<td>1 0 0 do.</td>
</tr>
<tr>
<td>Dómmán or basket-maker</td>
<td>0 3 0 do.</td>
</tr>
</tbody>
</table>

Monopolies for the sale of intoxicating drugs, for distilling spirits or keeping a gambling-house, were granted for talukas or single villages, and the contract money formed items of the banwazíri revenue; so also the right to collect and sell the fruit of certain forest trees was leased from year to year. Even fruit trees, in cultivated lands were not exempt; for example, the fruit of certain valuable horh trees so situated was always sold to the highest bidder, and mango trees were taxed in some talukas, the tax going by the name of awbhákari. The Rájás claimed a share of the honey from the owners of bee-hives, the best part of the timber of a tree felled or blown down in a man’s field, any large fish caught in his weir or fish-trap, or the best hawk caught in the nets spread in the forests. On the day of the Sairí festival (1st Baisákha), which answers to our New Year’s Day, the whole community of each village offered názars to the Rája, the landholders sending baskets of fruit or vegetables, the shop-keepers articles of their stores, and the artisans articles of their manufacture. The hákim, or headman of the village, went with a following, and presented these gifts with an offering in cash of his own. He also made presents to the názír and kánúngo, and received presents himself from his constituents.

Under Ranjít Singh’s rule, first Desa Singh Majítíia, and after him his son Lehna Singh, held charge in the capacity of názím or governor of the hill territory between the rivers Rávi and Sutléj. Neither of these, however, resided permanently in the District, but carried on the administration through agents (kárdáírs) appointed in the paríguna towns. Once a year the názím, or a superior agent appointed by him for the purpose, made a tour of the District, taking the accounts and hearing and redressing complaints. The názím was not only entrusted with the entire receipts from his territory, but he was likewise responsible for all disbursements; the fiscal, military and miscellaneous charges were all paid by his authority out of the gross income. There was no stated time for rendering these accounts to the State,—sometimes two and three years would be allowed to elapse before he was called upon to give an explanation of his steward-ship. But he was obliged to be always prepared to give up his papers and to pay the balance whenever the Government might demand an adjustment. Sardár Lehna Singh enjoys a good reputation in the hills; he was a mild and lenient governor; his periodical visits were not made the pretence for oppressing and plundering the people; he maintained a friendly and generous intercourse with the deposed.
hill chiefs, and contributed by his conciliatory manners to alleviate their fallen position. At the same time he is held in favourable recollection by the peasantry; his assessments were moderate for a native system, and although he did not possess that force of character to keep his agents under proper control, yet he never himself oppressed, nor willingly countenanced oppression in others.

Over every pargana or ancient division of the country was appointed a kârdâr who derived his appointment from the názim. There was no fixed scale of salary for the remuneration of these officers. Sometimes they undertook the farm of their several jurisdictions, guaranteeing to pay a certain annual revenue to the názim, and taking their chance of remuneration in the profits and opportunities for extortion which their position conferred upon them. In such a case, the kârdâr held himself responsible for all the collections and disbursements; he was bound to realize all the revenue, to discharge the cost of all establishments, and to pay the surplus balance at the end of the year into the Governor's treasury; the people were literally made over for a given period to his mercy, and his capacity was limited only by his discretion. This system, however, was not generally followed. It prevailed chiefly in pargana Harípur, where the vigorous, not to say contumacious, character of the people served as a restraint upon the license of the kârdâr. In most cases the kârdâr received a personal salary of 700 rupees or 1,000 rupees a year from the State. He was allowed also a small establishment, who were paid in the same way from the public funds. To each kârdâr there was usually attached a writer or assistant and twenty or thirty sepoys. The kârdâr was not generally a long incumbent. Instances have occurred, as that of Bogháí Shah at Kangra, where the kârdâr has held his position for fifteen or twenty years; but he was a personal favourite with Lehna Singh, and owed this protracted tenure to his support. As a rule a kârdâr seldom stayed more than three years. He obtained his office probably by the payment of a large propitiatory bribe, and the same agency by which he had succeeded in ousting his predecessor was opened to others to be directed against himself; occasionally also the people would repair in formidable bodies to Lahore and obtain the removal of an obnoxious kârdâr; so that, partly from the venality of the Government, and partly from the effect of their own vices, they seldom held their office long. The kârdâr was a judicial as well as fiscal officer, and was responsible for the peace and security of his jurisdiction as well as for the realization of the revenue. But of course his fiscal duties were the most important. Corrupt judgments or an inefficient police were evils which might be overlooked, even supposing they excited attention; but a kârdâr in default was an offender almost beyond the hope of pardon. His chief business, therefore, was to collect revenue, and his daily routine of duty was to provide for the proper cultivation
of the land, to encourage the flagging husbandman, and to replace, if possible, the deserter. His energies were entirely directed towards extending the agricultural resources of the District, and the problem of his life was to maintain cultivation at the highest possible level and at the same time to keep the cultivator at the lowest point of depression.

Under native government in the highly irrigated valleys of this District the Government dues have from time immemorial been levied in kind. The produce is certain and regular, being independent of the caprice of the seasons. In the Kangra Valley the proportion of grain received by the State had been found through a series of years to vary so little that a fixed measure of produce both for the autumn and spring harvests was imposed upon every field, and gradually became a permanent assessment. This practice had been in vogue for ages before the Sikh conquest, and was probably devised by one of the earlier Hindu princes; its antiquity is so remote that the people are ignorant of the author. For every field in the valley there is a fixed amount of produce payable to Government; and so carefully and equitably was this valuation made, and so ancient are the landmarks that constitute each field, that this elaborate assessment has lasted without a single instance of failure up to the present day, being still, even under the cash assessments of the British Settlement, the standard of distribution of the revenue burden among individual cultivators. The Sikhs found this system in force on their conquest of the country, and they did not subvert it. In every village of the valley there was a kothi or granary, where the produce was carried and stored; and as the chief staple of the valley is a fine description of rice which, Peshawar excepted, is grown in no other locality of the Punjab, the Government had no difficulty in disposing of the grain. Regularly every year the merchants would come up from the plains below and carry off the rice. So profitable was the trade, that the kārdārs themselves not unfrequently speculated on their own account, and exported the rice of the valley, bringing back, on their return, the rock salt of the Pind Dādan Khan mines.

The system above described was confined entirely to the Kangra Valley. The valley of Harīpur, which also possesses the means of abundant irrigation, was usually leased out to farmers, who took their rents by division of the crops, paying a fixed annual sum in money to the Government kārdār. In other taluks, such as Indaura and Khairan, the resident chaulhris secured the lease in their own names; they too levied their dues in kind, paying a money assessment to the State. In the upland parts of the District, destitute of artificial aid and dependent for their crops upon the periodical rains, the assessment was always in money. The kārdār was too well aware of the vicissitudes of the seasons to place his faith on the actual results of cultivation. Every village, therefore, was assessed at a fixed money demand, called the ayin, which under ordinary
circumstances was maintained unaltered for many years, until, indeed, the reclamation of new land, or the deterioration of the village resources, had made the burden unequal. It was obtained by estimating the value at prevailing rates of the gross yield of a village in a favourable year, and assuming half the amount as the Government demand.

In excess of the revenue, the kārdār levied an anna in the rupee as kharach, or contingencies. This was not repaid to the village officials but appropriated partly to his own expenses and partly to Government. The representative of the village either engaged for the farm of his village, and obtained in this wise a precarious profit, or else he was authorized to levy a certain percentage on the Government revenue. The collections under the Sikh system were always in advance of the harvest. The spring demand commenced in Naivrāṭī, which usually falls about the end of March. The autumn revenue was realized in September, and frequently remitted to the Nāzim by the Dasehra festival, or end of October. The money was advanced, on the security of the coming crop, by capitalists who could dictate their own terms; and thus the people were deprived of the legitimate fruits of their industry. Remissions were occasionally given under the authority of Lelna Singh. During the later days of the Sikhs these remissions frequently recurred, and were an absolute surrender of the revenue, and not merely suspensions to be subsequently realized.

Such was the outline of the Sikh system of revenue as followed in the hills. As a general rule, the demand was calculated at the rate of half the gross produce, and this proportion was frequently exceeded by the imposition of other cesses, and the burdens of the people were as heavy as they could bear. A Native Collector, however, knowing that indiscriminate severity is sure to entail eventual loss, is too discreet to ruin his tenants. Short of this he will proceed to any length and will take all he can without endangering the security of the future. His policy is to leave nothing but a bare subsistence to the cultivator of the soil, and with this principle as his rule of practice all his assessments are moulded. By gradual experience the capabilities of every village were ascertained, and the demand became stationary at the highest sum that could be paid without causing positive deterioration. Instances of exemption were rare, as in the hills, personal interest had little opportunity to counterbalance the cupidity of the kārdār, inhabited by a race possessing no sympathy with the Sikhs. The burden, as a rule, was borne by all alike, heavy indeed according to just and liberal principles, but still impartially distributed.

(c.)—British Settlement.

The following history of the Land Revenue Settlement under the British Government down to the beginning of the last settlement is taken from Mr. Anderson's Settlement Report, §§ 13-18:
Kangra District. | British settlement. [Page A.]

On annexation in 1846, a summary settlement for three years was made by Mr. John Lawrence, Commissioner of the Jullundur Doab, and Lieutenant Luke, Assistant Commissioner. This was based entirely on the Sikh rent roll, with a reduction of 10 per cent., and the abolition of all cesses except the lambardirs' and patuvis' fees amounting to 7½ per cent., and a road cess of 1 per cent. In Kangra, where the revenue had been paid in kind, it was converted into cash at favourable rates.

Mr. Barnes found that in spite of the reduction allowed, the demand fixed on irrigated land was still too high, even after extension of cultivation and immunity from many vexatious imposts. In his regular settlement, he gave no reduction or only a nominal reduction in the irrigated part of the district, but he imposed no increase. He remarked that since the cession of the district the prices of grain had been remarkably high, but that the market was liable to great vicissitudes, and as the assessment was certainly not low he resolved to maintain the totals, but he adjusted and equalized the details. On the unirrigated tracts a reduction of 12 per cent. was necessary in order to put the revenue on a sound basis to enable the people to meet without difficulty the fluctuations inseparable from the cultivation of the soil and to pay punctually and regularly the Government demand. In Nurpur he allowed 15 per cent., as the summary assessment there was higher than elsewhere. The total decrease upon the whole revenue of the district was about 9 per cent. I do not attempt to compare the actual figures of Mr. Barnes' settlement with the present assessment; it has always been doubtful whether muafis were included or not, and as some of these were large the comparison would be deceptive. Moreover, the limits of the district have changed and the taluks have been re-arranged since 1850.

The settlement was announced for twenty years, but was subsequently extended to thirty, to expire in 1879. Mr. Barnes considered it necessary to explain why he took engagements for so long as twenty years. He did not anticipate any extensive reclamation of waste land, which would render a shorter period advisable, and even where there was scope for improvements as in Nurpur, Dera and Hamirpur, there was not sufficient culetable waste material to derange the village assessments or to render a revision necessary before the expiration of the twenty years. All culetable spots had been already reclaimed, and nothing was left but the precipitous sides of hills, frequently encumbered with forest and brushwood, which must first be cleared before the plough could be introduced; and, at the prices of grain then prevailing, no one would undertake to reclaim such lands. The people were anxious for a twenty years' lease, and even while Mr. Barnes wrote the assurance of such leases had stimulated agricultural enterprise; lands were better cultivated and made to grow two crops in place of one; new water-cuts were made and crops of a superior quality grown. He anticipated that the additional revenue Government might derive from a shorter period would be more than repaid by the increased resources and prosperity of the people.

Mr. Barnes made no attempt to apply a system of classified rates nor to ascertain the gross produce and to evolve from it the money proportion due as Government revenue. He did not classify soils and prepare different rates to suit them; but he fixed a general taluka rate for irrigated and unirrigated land, and the assessment of the villages in a taluka were made to revolve as closely as possible round the result of these rates as a common centre. He had before him the old Sikh jama and the jama of the summary settlement, and the former collections modified by the change of circumstances formed the basis of his assessment. Mr. Lyall wrote that it was in all but a few villages nothing
KANGRA DISTRICT. ]  Regular settlement.  [PART A.

more than the old native assessment very slightly modified, and he considered it on the whole more equal in its incidence than any assessment which could be now-a-days made; the surface of the country is so broken, the difference in productiveness of adjoining lands so immense, that it would never be possible to assess a manza in the lump; but Mr. Barnes had before him the old jamabandi papers showing separately the demands and collections for each holding or plot, and the demand for the whole manza was merely the sum total of the demands of the holdings. When he gave a reduction, each holding got its ratable share except in special cases where the reduction was divided unequally by a rough process of arbitration. Thus, as Mr. Lyall pointed out, the old family holding and field assessment still lived little changed, though disguised, by Mr. Barnes' assessments.

As to the heavy or light nature of the settlement, there has already been a general impression that it was a very light assessment; but Mr. Lyall's idea was that it could not be called light, and that, compared with that of many other districts in the Punjab in 1870, it was heavy. He believed it a complete fallacy to suppose that Mr. Barnes could have safely demanded a higher revenue than he did; the assessment would have broken down in very many places had not the strain been relieved by the rise of prices that began three years after settlement and has been maintained ever since. He pointed out that though the rise in prices had enabled the people to pay their revenue easily, still the land was so sub-divided that any increased profit from the greater value of the produce was at once absorbed, and that it would be hardly possible for Government at the next settlement to suddenly recover any considerable share of the value of the increase; and he even went so far as to express a doubt as to the policy of doing away with the old fixed grain assessment.

But whether the assessment was heavy or light it worked very well up to the revised settlement in 1866-69, and also since that time. Indeed, so far as remissions and suspensions of revenue are concerned, the history of this district prior to the recent settlement was almost a blank. The revenue has been paid without difficulty; occasionally small remissions have been required in consequence of damage by hail, but even these were insignificant.

Mr. Lyall suggested that on the expiration of the term of settlement it would probably be sufficient to pick out for re-assessment the villages in which the cultivated area was known to have largely increased or to which new income has accrued, such as the profit of slate quarries, &c.; such would be very few, and on all the rest, if prices continued to rise, a uniform increase of say 20 per cent. might be imposed, leaving an objecting village the alternative of claiming a remeasurement and regular re-assessment. It is to be remembered that when this suggestion was made the local rate which has practically enhanced the Government demand by 10 percent. had not been imposed.

Though Mr. Barnes' assessment worked well it was very soon discovered that his record of rights was incomplete, and it was revised by Mr. Lyall between 1866 and 1869. His operations were confined to the correction and compilation of the old record and did not extend to re-assessment, though in some cases as explained in para. 187 of his report, they did include a re-distribution of the revenue already assessed. The only regular settlement made by Mr. Lyall was that of the Lambagraon jagir as reported by him in para. 201. It was only a confirmation of the existing assessment made by Mr. Barnes in a summary proceeding in consequence of the quarrels between the Raja and the landholders; but a
KANGRA DISTRICT.]

Revised settlement.

[PART A.

Complete record of rights was prepared for this jāgīr for the first time. The Rājās of Sība, Goler and Nādaun objected to the assessment of their jāgīrs, and it was not until the settlement just completed that these three tracts came under regular settlement.

The settlement expired in 1879, but no steps appear to have been taken towards the new assessment, until in 1885 the persistent complaints of the agriculturists of Goler raised the question of a first regular settlement of that jāgīr, and this brought forward the larger question of a re-settlement of the whole district.

After various proposals for the new settlement and a good deal of discussion (for which see Mr. Anderson’s Report, Sections 18—21) it was finally decided (by the Government of India Notifications 24 and 25 of 26th January 1888) that a general re-assessment of the land revenue of the Kāngra District should be undertaken and that records of rights should be prepared for the estates in the Goler, Sība and Nādaun jāgīrs. In these jāgīrs, where no settlement had as yet been made, the operations were of the nature of a first regular settlement; in the rest of the District they were confined to a revision of the assessment based on a careful writing up to date of the village papers with a consolidation of survey numbers: re-measurements were only undertaken when absolutely necessary for assessment purposes.

Mr. O’Brien was Deputy Commissioner, and in addition to his other duties he took charge of and carried through the settlement. The re-assessments were sanctioned on various dates during the years 1889, 1890, 1891, and 1892. A simultaneous re-assessment was carried on in Kulu, Mr. Diack, Assistant Commissioner, acting under the control of Mr. O’Brien. The settlement resulted in an increase of Rs. 80,000 in Kāngra Proper, and of Rs. 20,000 in Kulu, the actual total increase of Khālsā Revenue for both being Rs. 1,02,805 or 17 per cent. on the former demand. Mr. O’Brien died in the early part of 1894, and the concluding operations of the settlement were carried out by Mr. A. Anderson, C. I. E. The three unassessed jāgīrs were at the same time carefully assessed, and maps and records of rights prepared.

The result of the second revised settlement of 1897 was as follows:

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>Old demand.</th>
<th>New revenue including Nazrana and Commutation</th>
<th>Incidence per acre of cultivation.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kāngra</td>
<td>1,60,267</td>
<td>22,933</td>
<td>1,51,135</td>
</tr>
<tr>
<td>Nāpur</td>
<td>1,23,740</td>
<td>16,912</td>
<td>1,19,831</td>
</tr>
<tr>
<td>Dera</td>
<td>1,18,613</td>
<td>44,440</td>
<td>1,32,102</td>
</tr>
<tr>
<td>Hamirpur</td>
<td>1,46,881</td>
<td>59,152</td>
<td>1,11,730</td>
</tr>
<tr>
<td>Palampur</td>
<td>1,45,322</td>
<td>43,709</td>
<td>1,29,427</td>
</tr>
<tr>
<td>Total</td>
<td>6,80,823</td>
<td>1,78,266</td>
<td>6,43,736</td>
</tr>
</tbody>
</table>
The cesses before the assessment amounted to about Rs. 19-8-8 per cent. of the land revenue; the patwâr cess, which was divided among the patwâris, the kaîths and the kôtâls, varied from village to village.

The cesses now levied are as under:

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Per cent. on the revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local rate</td>
<td>10 6 8</td>
<td></td>
</tr>
<tr>
<td>Patwâr cess</td>
<td>5 3 4</td>
<td>ditto ditto</td>
</tr>
<tr>
<td>Lambardâri</td>
<td>5 0 0</td>
<td>ditto ditto</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>20 10</td>
<td>0</td>
</tr>
</tbody>
</table>

These are not "village cesses" as defined in the Land Revenue Act, but they have been shown in the records as if they were. There is no malba in this District. Any expenditure incurred by the lambardâris, on account of the community, e.g., uniform for chankidâris, repairs of boundary pillars, is met from the income derived from common property such as from water-mills, grass in closed forests, share of sale-proceeds of trees, new cultivation or from rent of common cultivated land. Should there be no such common income, the expenditure is bâchhed over the village in the usual way. The dues to be paid to the râkhas or forest watchmen are not entered as cesses, but the râkha is classed as a village servant along with the blacksmith, the carpenter and the kohli, whose remuneration is entered in the Vâjib-ul-Arz.

(6)——Jâgîrs.

In a letter, dated 18th November 1851, Mr. Barnes reported that "he had left all the political jâgîrdâris to collect according to native fashion and ancient custom;" the ryots also to do begâr for their chiefs. If complaints were made to him of exaction, he referred them to the Râjâs, who always settled them. He strongly opposed the introduction of our revenue system, which had been in contemplation. The Board of Revenue intimated approval in their Secretary's letter No. 359, dated 6th April 1852. At the Râjâ's request, however, Mr. Barnes deputed a kânûng to prepare a khewat or rent-roll for several of the villages in the Lambagrânon jâgîr; no new assessment was made, but the old demand in each holding was ascertained, and slightly modified where it appeared unreasonable.

Mr. Barnes also interfered to secure from the Râjâ some provision for three or four of the leading families of his own clan, such as the Katoch of Khira, of Drûg, Behlîna, of Sagur, of Lahât. These families had held in past times the whole or part of the mauzas in which they now reside as bâsi jâgîrs from the Râjâs, their kinsmen, but had lost all when the Sikhs annexed the country. At Mr. Barnes' intercession, and in gratitude to the leading men of these families who had assisted him in getting the title of Râjâ from our Government, Partâb Chand granted some of them small jâgîrs, and to
others he gave a cash lease of the collection of the villages in which they resided. The amount of the lease was nearly equal to the value of the collections (which were then levied by chakota, i.e., a fixed amount in grain and cash on each plot or holding), but the privilege was, and is, nevertheless, much valued.

Partab Chand was careless and prodigal, and from time to time after the regular settlement complaints of exaction were made against his agents. These led to settlement records being prepared for two maunias under orders of the Deputy Commissioner, and, as the Raja never exercised any judicial powers, all suits between landholders were heard in the District Court. The Raja was never made a party either to a suit or in the preparation of the record of rights of a village, and any rights he may have had beyond those of a mere assignee of the revenue were ignored. At the same time he continued to assert all the rights which have been described above as belonging by custom to a Raja in these hills though he did not dare to enforce them except here and there in a modified way, apprehending that the communities would win if the dispute came into our Courts. The communities had the same idea, but, out of respect for the Raja and old custom, were unwilling to oppose him. So long, therefore, as he took no more than the customary demand on each holding, and respected their claims on the waste lands near their homesteads, they allowed him to preserve parts of the forests, to make a few grants out of the larger wastes for cultivation, to take half produce of new alluvial lands in the river bed, to collect fees from shepherds and herdsmen and from village artizans, (1) and to cut a tree or two in their fields with leave asked when he wanted timber. In short, a very loose and vague constitution existed marking a period of transition in which the Raja, though far fallen from his original estate, and rapidly approaching the level of a mere jāgirdār, still retained some vestiges of his former sovereignty.

Raja Partab Chand died shortly before settlement was commenced, leaving an infant son to succeed him. The estate was under the Court of Wards, and Mr. Lyall was directed by Government to make a settlement which should disturb existing arrangements as little as possible. Bad feeling existed between the rāni or queenmother and the subordinate jāgirdārs (her brothers-in-law and husband’s other widows); also between her and the leading Katoch families, who had dared to show disapproval of some of her proceedings, and feared with reason that she would cancel their leases and resume their rent-free grants if she had the power. The rāni and some of the subordinate jāgirdārs also had long-standing quarrels.

(1) In the jāgir sanad, part of the revenue assigned (Rs. 1,000) is termed banwastī revenue. This term would include these fees, which the Raja may therefore be said to have had full authority to demand, particularly as the Board of Revenue had approved of his being left to collect according to old custom and native fashion; but his authority to levy banwastī was from the first questioned by the people of several disaffected villages, who argued that it had been disallowed by Government in the jāgir as well as in the rest of the country. They refused to pay, and the Raja seems to have feared the result of applying to the District authorities.
with some villages which had been recalcitrant for some years; and
in the villages held on lease by the Katoch families there were
quarrels between them and the other landholders. All these factions
were bent on turning the settlement to their own advantage, and
resolved to claim everything and admit nothing. On behalf of the
young Raja it was urged that he was proprietor, and the members
of the village communities merely tenants; that he could take his
rent in grain if he liked, and also demand shares of fruit, timber and
other produce; that he could at any time resume the jagirs of his
family, and the leases or petty assignments granted to members of
the clan or others. In reply, the communities asserted that they
were full proprietors, and the Raja only jagirdar. Again, the
subordinate jagirdars and lessees of villages, while supporting the
Rajas's claims with respect to the ordinary landholders, asserted that
the Raja's rights having been permanently transferred to them, they
were proprietors in his place.

After enquiry Mr. Lyall declared that the Raja was talukdhar or
superior proprietor both of waste and arable lands, and the holders
of land in the villages subordinate proprietors of their own holdings,
and joint-owners of the village waste; that by custom waste could
not be broken up for cultivation without a grant from the Raja, but
that the Raja could not make such grants without consent of the
villagers, except in certain forest lands or nayban, which were
separately demarcated as his full property; that the Katoch lessees
of villages were not superior proprietors in place of the Raja, but
mere lessees of certain rights of his. Mr. Lyall refrained from
giving any decision with regard to the term or conditions of assign-
ments of the revenue, great or small, or of the leases of villages. To
declare that they were held in perpetuity would have weakened the
Raja's influence; and, moreover, Government, in its Secretary's letter
No. 659, dated 25th August 1862, had decided not to interfere
between these Rajas and holders of subordinate grants in their jagirs except in very special cases. Mr. Lyall, however, records his opinion that "the Raja or his successors should not be allowed to resume the afore-mentioned leases of collections and small jagirs which Raja Partab Chand, at Mr. Barnes' suggestion, gave to certain Katoch families. Both Mr. Barnes and the Raja, without doubt, intended that the arrangements should be of a permanent character." During the last Settlement (1893) the rights of the Raja, his sub-proprietors and tenants were more fully ascertained and settled and little cause of friction now remains, except between the Raja and his Katoch relations and munajidars. The Raja has been held to be superior proprietor of all land in his jagir and has been granted a talukdari allowance of 15 per cent. on the assigned revenue as a mark of his status. A more important right is that of succession in his capacity of ala-malik to the lands of any adna-malik who dies without heirs. On the other hand all payments in grain or kind due from the sub-
proprietors have been commuted into cash, and definitely fixed,
The Raja has been recorded sole owner of all waste land and forest growth, subject to the rights of user of the sub-proprietors and tenants. The Raja, alone of all the jāgīrārs or village communities of the Kāngra District, owns the forest trees in the waste land, this right having been by inadvertence conferred upon him by Government in the first jāgīr settlement.

The income of the Raja according to the present settlement is Rs. 39,614, of which Rs. 34,628 are assigned revenue and the balance Rs. 4.986 talukdāri allowance: this latter includes all dues, such as bancazirī, begār, &c., formerly levied by the Raja.

The state of affairs detailed above as having prevailed in the Lambagron jāgīr at the time of the revised settlement, may be taken as having applied more or less to the remaining three large jāgīrs (1) of Nādaun, Goler and Dāda Sība up to the commencement of Mr. O'Brien's settlement or until the year 1890. Summary settlement of a kind had indeed been made in Dāda Sība in 1881-82, but in Nādaun and Goler nothing had been attempted: there was no assessment, no record of rights, no maps and no patwāris, and the relation between the Rajas and the villagers had in all three jāgīrs become greatly strained.

Now a complete settlement has been made and the rights of all have been ascertained and recorded, and all village matters, more or less, assimilated to those of Government villages. The Rājas have been decided to be superior proprietors of all cultivated land and sole proprietors of all waste land, none of which can be broken up without their permission: they receive a talukdāri allowance of 17·65 per cent. (Nādaun), 20 per cent. (Goler) and 20 per cent. (Dāda Sība). All revenue is now payable in cash, and all dues are included in the talukdāri allowances. A few disputes still occur, regarding water-mills, royalties on cultivated ground, &c., but they are not of very serious importance. (2)

Though the Rājas have been held to be owners of the waste, Government has retained its ownership of the trees and all forest produce, and the jāgīrdārs, in so far as they manage the forests, are held to be only agents of the Forest Department.

In Kotlehr, there has never been any opportunity for differences: the jāgīr now held by the Raja was at first granted in the Hoshiārup District and was not transferred to this District until the time of the revised settlement (1867). As the villages of the jāgīr had been regularly settled by Mr. Barnes, and the people

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(1) With regard to the three other political jāgīrs, Sība, Goler, Nādaun, the Financial Commissioner, in his No. 3243, dated 24th July 1890, agreed that it was not advisable to extend settlement operations to them. They have all since been brought under settlement.

(2) Only two estates are now under the Court of Wards, viz., those of Mian Dalgit Chaud of Lambagron, and Raja Rughunath Singh of Goler. That of Goler is heavily encumbered. The rule of primogeniture has been applied to Goler under Act IV, of 1860, by Punjab Government Gazette Notification No. 653, dated 3rd of July 1901.
recorded as full proprietors, the Râja is only the assignee of the land revenue, and has no proprietary rights.

Besides the jâgîrs in Kângra Proper there is the Wazîrí Râpi jâgîr in Kulu and the jâgîr kothîs of Kolong, Gumrang and Gonda in Lahul which are described in Part II, Chapters III and V, and Part III, Chapters III and V.

Jâgîrs, mudâis and rent-free grants.—Between annexation and the regular settlement, assignments to the amount of Rs. 68,104 were reserved, including the jâgîr of Rs. 38,000 enjoyed by the rebel Chief Râja Parmodhî Singh. Notwithstanding this, at the regular settlement, the revenue of about a fourth of the area of the whole District was still alienated, and was estimated by Mr. Barnes at Rs. 2,05,553, of which political jâgîrs in perpetuity accounted for Rs. 1,12,072, and religious grants in perpetuity for Rs. 9,036. The lands which had been held under former Governments subject to any condition of service, military or otherwise, were released for the life of the incumbents at a commutation fixed at one-fourth of the assessed revenue; their value amounted at the regular settlement to Rs. 7,330. Between the regular and first revised settlements, the total revenue alienated had decreased from Rs. 2,05,553 to Rs. 1,80,054. In the interval between the preparation of the two statements Sârdâr Lehnâ Singh's jâgîr of Rs. 19,000, some other smaller jâgîrs, and many petty rent-free holdings had been resumed; and, on the other hand, lands had been assigned in jâgîr to Râja Hamidulâ Khan Râjaurn, to Râja Jayâsânt Singh of Nûrpur, to Râja Râmpâl of Kôtlohr, and to Wazîr Gosaûon of Mandi. Of these the first two have been commuted for cash pensions of Rs. 16,000 and Rs. 8,000, respectively. The total assigned revenue now amounts to Rs. 1,78,266.

Tenures of rent-free land may be divided into two classes: first, those held by Brâhmans, Râjpûts, and Mahâjans; these were ordinarily granted as a favour to men of respectability who held no land, and wanted a place to settle upon, and a garden or small field or two to help to fill the pot. Second, those held by artizan or labouring families, granted originally to induce the holders to settle down, and on condition of performance of some occasional service. The upper classes, as a rule, only held land rent-free. The Jaikârâ Râjpûts, who were the descendants of cadets of the families of the Râjas, and the Brâhmans of the first class, who kept up pretensions to sanctity and book learning, could not touch a plough without losing caste, and some other families, who were hereditary servants of the Râjas, would have thought themselves degraded by doing so. The Râjas alienated the rents of a very great deal of land to these families, or to Hindu temples; in dharmarchh to the Brâhmans or temples; and in rozgâr or jâgîr to the Râjpûts and others. The dharmarchh or religious grants were all assignments in perpetuity. The Râjpûts and others generally held two kinds of grants—a free grant in perpetuity near their homes, known as their bâsi jâgîr, and
other grants, in lieu of military or civil service, varying in size according to their grade or favour at court. These muna'idars and jāyīrdārs assumed very nearly the position of landlords towards the cultivators on their grants; they were in place of the Rājā, who, as already shown, was much more of a landlord than any Government ever was in the plains. The Rājās rarely interfered on behalf of the cultivators, who often abandoned their lands, or, if they hung on, were degraded into mere tenants-at-will, unless they came of a well-born and numerous family strong enough to hold their own. The Sikhs, as they occupied the country, resumed nearly all the grants held by the Rājpūts, or by the hereditary servants of the Rājās, but generally allowed them to engage for the revenue on somewhat favourable terms where they were willing to do so, which was by no means always the case. At the regular settlement persons who had in this way been paying the revenue were always held to have a better claim to the title of proprietors than the cultivators; and the first connection with their lands of a good number of the present revenue-paying holders might be traced to a rent-free grant to some ancestors.

Lāhriś are peculiar to the hills; almost all houses, whether the owner is otherwise a landowner or not, have a small patch of land within their enclosure, which is used as a flower or vegetable garden, and called the lāhri, or more precisely, the lāhri suvāru. The whole site of the house and garden is called the lāhri básī. These little gardens did not exceed a few poles in area as a rule; but sometimes in the case of poor Rājpūts or Brahmans, not landholders or jāyīrdārs, or in the case of muna'jans and others, respectable merchants or shopkeepers, the lāhri was considerably bigger, and was rather a básī muna' ḍi than a true lāhri. But the same name was also applied to the one or two small fields (often standing apart from the houses) which were generally held by the kamūns, or families of low caste, who supported themselves mainly by handicrafts. These ranged from one or two roods to an acre or an acre and a-half in extent, and were used for grain as well as garden crops. The holders did service in lieu of paying rent; in a few cases where the lāhriś were large, the service was regular; as, for example, in the case of the Chamirs in some parts of Gilcl, who had to cut grass for the Rājā's horses; but generally when the lāhriś were small, it was irregular, and amounted only to the liability to work for a spell without pay if required. These lāhriś, of all kinds, were not charged with rent in the same way as the landholder's fields, but were not always held free. In many talukās at least they were charged with a cess known as lāhriśa, at the rate of one rupee per lāhri or even one rupee per kamūl. Whether all classes of lāhriś were charged with this cess is not quite clear. Probably there was no universal rule of practice, but the kamūns no doubt paid the cess for seasons in which they had not had to work without pay for the Rājā. But wherever the lāhriśa cess did exist, it was remitted by our
Government at regular settlement, being treated as one of the
abdals or extra dues, which, under our system of revenue, must be
relinquished. According to that same revenue system, however, the
láhri should either have been brought at once on to the khowat or
rent-roll, or treated as rent-free grants, and the grant, after the
usual investigation, confirmed or resumed. But with regard to the
small size and partly ornamental character of the majority of láhri,
neither of these courses was followed. The question as to the
proper mode of treating them was raised in 1853-54 during the
enquiry into rent-free tenures, and it was held that they might be
considered to be abdali land, or land under houses, and therefore not
chargeable with land revenue. The láhri are not entered at all in the
village settlement records (with the exception perhaps of a few
of the larger service láhri, and they appear only in the fard
lakhviraj); but in his Settlement Report Mr. Barnes mentions them,
and calls them village service lands held by artizans and servants.
It may be observed that he does not say to whom the service was
due, or of whom the lands were held; the fact is that they were not
village service lands in the ordinary sense: the holders were bound
to service to the State or Raja only, and held their lands of him. Of
course they worked for the neighbouring landholders, and got paid,
sometimes in fixed grain fees at harvest, sometimes in grain, accord-
ing to work done; but they did not in any way hold their láhri of
them, and the connection of employer and workman between the
peasants and artizans was not a village institution but a family one:
different families employed different artizans, some of whom were
often residents of another village.

A general re-investigation of rent-free holdings was made
during the first revision of settlement, and some,
which were of more than
one acre in extent, or which
were not really attached
to houses, were summarily
resumed or reported for
orders. The rest were
released for term of settlement. The statement in the margin will
show their number and amount as then determined.

Sir James Lyall as Lieutenant-Governor laid down in 1890 the
following principles for the treatment at the second revision of Settlement
of the láhri básis described in paragraph 70 of his Settlement Report. He
directed that the muifás of class I, viz., those held by Brahmans, Rajpúts and
Mahájans, should be again released for the term of settlement, except—

(1) where they had passed away entirely from the family of the
original grantees by sale or otherwise; or,

(2) where they had entirely lost the character of láhri básis and
become ordinary cultivated land not specially attached to a
house or homestead;
but even where the second exception applied, the grants should not always
be resumed, for instance, in cases where the plot was held by a family
of Rájputs or Brahmins of good caste to whom it was granted revenue-free
by the Rájás more as básí muáfí than as láhri básí (see paragraph 37 of
Mr. Lyall's Settlement Report). As regards láhri básis coming under
class II, that is, those held by artizan or labouring families, Sir James
Lyall considered that where the cultivated area was simply a small plot
of garden land attached to a house, it should be disregarded and lumped
with the area of the site as part of the minháí or unassessed area, and that
in other cases of this class the cultivated area should be thrown into the
máfíguází ráhba and be assessed in the báchh unless the khevaldãrs wished to
exclude it. It was pointed out that as begár had been abolished there was
no special reason for continuing the exemption from the assessment of these
holdings which were commonly granted, originally, in connection with
begár service to the Rájás in the way of supplying wood and grass. In
carrying out these orders Mr. O'Brien included in the register of grants to
be continued many of the small patches attached to houses occupied by
artizans and others of low caste. The Financial Commissioner pointed out
that these grants might have been included in the village site as minháí and
left unassessed; but as the holders probably valued the distinction of
having a separately recorded muáfí, be recommended that these grants to
artizans should be sanctioned, and sanction was accorded. The grants of
Khatris and Súds had been resumed on the grounds that the orders of Sir
James Lyall covered the continuance of the láhri básis only to Brahmins,
Rájputs, and Mahájans, but on a petition presented to the Lieutenant-
Governor the rule applicable to Mahájans was extended to Khatris and
Súds, and the resumed láhri básis were re-granted for the term of settle-
ment. The usual enquiries were made in regard to all other muáfís and
they were resumed where necessary.

In directing the resumption of the small revenue-free grants held by
artizan and labouring families, which had originally been granted in con-
sideration of begár service to be rendered to the Rájás, Sir James Lyall
suggested that, in connection with the recent abolition of begár and the
difficulties consequently felt in Kángra and Kulu in supplying wood, grass,
&c., for travellers at encamping-grounds, arrangements should be made in
settlement to assign ináms of the value of from Rs. 24 to Rs. 48 per annum
according to the character of the encamping-ground. These ináms were
to be enjoyed by a man of the village who would contract to keep stores of
grass and wood, and to provide milk and other necessaries, to be sold to
travellers at rates fixed from time to time by the Deputy Commissioner.
Sir James Lyall considered that some such assistance by way of ináms from
the State was necessary and justifiable in a hill district like Kángra, and
such ináms have been granted in Kángra.

Many of the muáfídãrs had been receiving their dues in kind since the
first Settlement; some of them had been shown as owners, some as superior
proprietors and some only as mere muáfídãrs. In the case of owners no
changes were necessary, but in other cases a general order was given
that the settlement should be made in cash with the owners, and the
muáfídãrs now receive only the revenue assigned. It is very probable that
where the muáfídãr was shown as superior proprietor he has not got any
talukdãri allowance, as the procedure laid down in Section 146 of the Land
Revenue Act was not always observed. In the case of some larger
muáfídãrs or jágïrdãrs the conversion of revenue in kind into revenue in
cash has caused great loss, for instance, in the case of the Chaudhri of
Indaura. Sir James Lyall in the memorandum of matters discussed at
Dharmshala, in March 1890, expressed the view that many of these old
munifidars deserved consideration and should receive it, and at that time
Mr. O'Brien thought that in many cases the existing settlement might be
maintained. But difficulties were found to exist and all revenue in kind
was converted into revenue in cash, though, under Section 48 (2) of the
Land Revenue Act, revenue may be taken in kind or in cash as the Local
Government may direct.

Section D.—Miscellaneous Revenue.

The central distillery at Kängra was closed on July 31st, 1903.
Liquor is to be obtained in future from Sujánpur and Amritsar.
There are outstills at Hamírpur and Sultánpur. Lahul and Spiti
are beyond the reach of the Excise administration and no attempt
is made at present to regulate the local traffic.

Sur is brewed and consumed without any restriction throughout
the district. Lúgri is popular in Kulu and Pálampur. Some 38
shops are licensed to sell it in these two tahsils, the licenses being put
up to auction annually. In Kulu any agriculturist can obtain a
license to brew lúgri for his own consumption. The license costs two
annas and the application bears an anna stamp. It has to be renewed
annually. A list of the shops licensed to sell country spirit will be
found in Table 41 of Part B. Three licenses have been granted for
the sale of imported spirits.

Opium.

The poppy is cultivated throughout the Kulu Sub-division for
the manufacture of opium, but its cultivation is forbidden in Kängra
Proper. Every cultivator in Kulu has his patch of poppy which
pays his revenue. The cultivation is constant and does not vary
with the price of wheat as it does in the plains. A certain quantity
of opium is exported to Hoshiárpur, and opium for home consumption
is generally re-imported. The average area for the last five years
(1898—1903) under poppy has been 1,736 acres and the outturn 200
maunds. Smuggling goes on to a considerable extent, small quanti-
ties of opium being secretly imported from Mandi, Kahlur, Chamba,
and Suket.

Hemp drugs.

Hemp grows wild in the jungles of the low hills and is cultivated
in the higher tracts of Kulu. Rope is made from the fibre while the
leaves are used in the ordinary way to make bháng, and finally the
seeds of this useful plant are mixed with parched wheat to add a
flavour.

The main route for the import of chárás into Northern India
passes through the district. Traders go up from Hoshiárpur; as soon
as the passes are open in the spring—over the Dulchi Pass into Kulu
and thence over the Rohtang into Lahul, and thence on to Leh and
Yàrkand, taking with them English piece-goods which they barter
for chárás, returning before the passes are closed in the autumn.
There is a bonded warehouse at Sultánpur, but it is little used. Most
of the chárás consumed in the district is re-imported from Hoshiárpur.
KANGRA DISTRICT. Income-tax. [PART A.

On the subject of income-tax, Mr. J. Coldstream, I.C.S., writes as follows:—

"There are no large trade centres in the Kangra District, the largest towns, Kangra, Dharamsala and Nárpmur each containing less than 5,000 inhabitants. Indeed there are very few kasbás of any sort, the majority of the "towns" consisting of scattered hamlets. Consequently there is a striking absence of wealthy traders, and the special features of the income-tax assessments are the small number of assessees and the large proportion assessed under Class I. (In this district incomes are assessed under Part I and Part IV of the Act only.) Thus, though the district is the largest in the Province in point of area, and stands ninth on the list in order of population, the amount of the tax collected under the Income Tax Act is less than in any other district, except Múanwáli and Dera Ghází Khan. Thus, again, the percentage of the whole amount paid by assessees under Class I in 1902-1903 was 33. This is more than double the percentage for the Province as a whole (16 in 1901-1902). Considerably more than half of the tax-payers in the district fall into the lowest class (55 per cent, in 1901-02). Moreover, while the provincial figures show a steady decrease in the share paid by assessees of this class the statistics of this district show no such tendency, but rather one in the reverse direction. During the last three years the proportion has risen from 30 per cent, (1900-1901) to 33 per cent, (1902-1903). The amount of tax realised year by year does not fluctuate abnormally, that is to say, the absolute fluctuations are slight, but the total of the tax collected in the district is so small that the addition or withdrawal of a few assessees may cause a comparatively large variation in the amount. Owing to the unusually large proportion of small assessments, the exemption of incomes under Rs. 1,000 will affect this district more than any other. In 1902-03 out of a total number of 994 assessees, 740 were assessed on incomes under Rs. 1,000, and assessees under Classes I and II paid Rs. 8,039 out of a total incometax of Rs. 16,764. Thus the proposed exemption of incomes under Rs. 1,000 will reduce the number of assessees in this district by 75 per cent, and will reduce the amount realised by nearly one-half."

It is impossible to form any satisfactory estimate of the wealth of the commercial and industrial classes. The distribution of the income-tax collected in certain years between towns of over, and villages of under, 5,000 souls is shown below:—

<table>
<thead>
<tr>
<th></th>
<th>1900-01.</th>
<th>1899-90.</th>
<th>1899-00.</th>
<th>1900-01.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of assessees</td>
<td>...</td>
<td>113</td>
<td>517</td>
<td>196</td>
</tr>
<tr>
<td>Amount of tax, rupees</td>
<td>...</td>
<td>1,995</td>
<td>7,312</td>
<td>4,430</td>
</tr>
</tbody>
</table>

But the numbers affected by these taxes are small.
Section E.—Local and Municipal.

The District Board, constituted under Act XX of 1883, consists of 37 members, 25 elected and 12 nominated. Of these 12, 4 are nominated by Government, while the following 8 sit ex-officio:—the Deputy Commissioner (as President), the Civil Surgeon, the Revenue Assistant or Extra Assistant Commissioner, the Assistant Commissioner, Kulu, the Tahsildar, Kulu, and the Naib-Tahsildar, Saraj, the District Inspector of Schools and the Executive Engineer.\(^{(23)}\) The ferries, rest-houses, encamping grounds and cattle-pounds of the district have been made over to the District Board, together with certain nazul properties.

The existence of a non-official European community with vested interests in the soil, and adequate representation on the District Board, gives to that body both an importance and a stimulus which are lacking in other districts; and in 1903-04 there were 8 European members of the Board. There are five Local Boards—Kangra composed of 15 members, 10 elected and 5 nominated; Núrpur and Hamírpur each having 19, 13 elected and 6 nominated; Dera Gopipur has 24, 16 elected and 8 nominated; and Pálampur 16, 11 elected and 5 nominated—each under the ex-officio presidency of the Tahsildar. The income of the District Board amounted in 1903-04 to Rs. 1,20,700, the chief source being the local rate (Rs. 10-6-8 per cent on the Land Revenue) of which four-fifths are credited to the District Fund. Other important items of receipts were: Civil works, Rs. 20,231; Miscellaneous, Rs. 9,750; Education, Rs. 5,163; Fines on stray cattle, Rs. 3,122; Medical, Rs. 2,346. The incidence of taxation per head of population was annas 1-8. The expenditure during 1903-04 amounted to Rs. 1,45,224 as marginally detailed. The Kangra District contains three Municipal towns—Dharmshala, Kangra and Núrpur, and an account of these municipalities will be found in Chap. IV under each of the towns concerned. The two latter are of the 2nd Class, and each has a Committee of 6 elected and 3 nominated members. The 2nd Class Municipalities of Jawála Mukhi, Haripur, and Sujánpur Tira, were abolished in 1888.

Section F.—Public Works.

The Kangra District, including Kulú, forms, as noted above, a division of the Public Works Department in the Ambala Circle. The principal works in its charge are the main lines of communication, i.e., the Kangra Valley Cart Road from Pathánkot to Baij

\(^{(23)}\) The five Tahsildars of Kangra Proper sit on the District Board as delegates from their respective Local Boards.
Náth which brings down the hill products to Pathánkot, and the Hoshiárpur-Dharsála (Dharsála to Bharwáin) Road, with the Lohri-Sultánpur and the Láhul Roads in Kulu. The Tahsil buildings on these lines of communications, as well as the Civil Courts at headquarters, are also maintained by the Public Works Department. The outlying Tahsil buildings, so far as they were maintained by the District Board, have since April 1905 also been taken over by the Public Works Department. No irrigation works are maintained by Government in this district.

Section G.—Army.

The only Military Station is the Cantonment of Dharsála, where the two Battalions of the 1st Gurkha Rifles are stationed. Formerly the 1st Battalion had their lines in the Lower Cantonment at the foot of the East spur of the Dharsála hill, while the 2nd was placed high up on the Western spur; but in 1894-95 the 1st Battalion was, on account of the unhealthiness of the Lower Cantonment, moved up to the Western spur, taking possession of the barracks and ground until then occupied by a convalescent detachment of the European regiment at Jullundur: since then no European detachment has been sent there for the hot season. The Lower Cantonment is now unoccupied, except by residents of the Old Pension Lines and the remains of the bázár, and part of the land has been made over to the Forest Department as a grass and wood reserve.

The Fort of Kángra, at a distance of 11 miles to the south, was formerly garrisoned by a detachment of the 1st Gurkhas, but it has now been made over to the P. W. D. The Cantonments and troops are under the command of the General Officer Commanding the Lahore District.

On the subject of Recruiting, Major A. Cadell, 38th Dogras, writes:—

"The 2nd (or Hill) Sikh Infantry, P.F.F., was raised at Kángra, in 1846, and was composed entirely of Dográis. In 1849, on the formation of the Punjab Frontier Force, Squadrons and Companies of Dográis were formed in each Régiment. On the outbreak of the Mutiny, Mahárájá Gulláb Singh sent a Jammu Contingent of Dográis to aid in the siege of Delhi, where it rendered excellent service. Since then the military value of the Dogra has gradually been recognized to such an extent that, in addition to the three class Regiments of Dográis (the 37th, 38th and 41st), there are now distributed throughout the Indian Army Dográis to the number of 9 Squadrons of Cavalry and 39 Companies of Infantry. The term Dogra, a corruption of the Dekhani name for mountain, is now generally applied to the Rájpáts, Rathís, Thákurs and Bráhmans who inhabit the hilly tracts of Kángra, Jammu, Hoshiárpur and portions of Simla,
Gurdaspur and Sialkot. By far the greater proportion of men enlisted as Dogris are obtained from the Kangra District, which supplies about 70 per cent. of all the Dogris in the Indian Army. The classes of Dogris enlisted for the Native Army are—Brahmans (cultivators only), Rajputs, and Rathis (including Thakurs).

"Up till quite recently the Brahman has been enlisted in limited numbers only, owing to his reputation for intrigue. Lately, however, the experiment of having class companies of Brahmins has been tried and the result should prove satisfactory. As a rule they are of finer physique than the Rajput and they have produced many soldiers of the finest type. If care be taken to enlist men from the cultivating classes only, and if those enlisted are kept in class companies, the Dogra Brahman should make quite as good a soldier as the Dogra Rajput.

"The bulk of Dogras in the Native Army are composed of Rajputs and Rathis. Rathis object to the name and invariably style themselves Rajputs. The line of demarcation between them and second class Rajputs is very indefinite, and the ranks of the former are constantly being increased by defections from the Rajputs. The old distinction of those who ploughed and those who did not has practically disappeared, as there are now few Rajputs or even Mian, who have not taken to ploughing. There are probably more Rathis than Rajputs in Military Service, no distinction being made between them, except that, when possible, the majority of the Commissioned and Non-Commissioned grades are held by Mians or higher class Rajputs.

"On enlistment the physique of Dogris is generally poor, but a few months in the ranks makes a complete change in them, and they soon become strong and hardy and fit for any kind of service or hardship. As soldiers Dogris are rightly thought very highly of and their staunchness and steadiness can be absolutely relied on and has been frequently proved on active service. They are docile and tractable and are easier to manage than any other class enlisted in India. In Cantonments they are particular about their feeding and drinking arrangements, and it is as well to give in to them in this respect. On active service, however, they give no trouble of any kind, they all mess together whatever their class, Brahman, Rajput or Rath, and they readily adapt themselves to circumstances and will, if occasion requires, discard their copper drinking vessels for goat skin pakhals.

"The Dogra has no prejudice against Military service; on the contrary it is sought after to such an extent that men returning from leave or furlough usually take one or two candidates for enlistment with them and class Regiments and others which have established a connection in the district practically do their own recruiting without the aid of recruiting parties."
Kangra District.

Section H.—Police and Jails.

The District Superintendent of Police is subordinate to the Deputy Inspector General of the Lahore Circle. The thanás or subordinate police jurisdictions, and the chankís or police outposts are distributed as follows:—Tahsil Kulu.—Thaná Sultánpur. Tahsil Saraj.—Thána Banjúr. Tahsil Kangra.—Thanáis Kángra, Dharmaśála and Shahpur: Chauki Ránítal. Tahsil Hamúrpur.—Thanás Hamúrpur, Sujánpur and Barsar. Tahsil Derá.—Thanás Dera, Jawálá Mukhī and Hárípur. Tahsil Núrpur.—Thánas Núrpur, Kotla and Surárwán. Tahsil Pálampur—Thána Pálampur, Chauki Bhawárna. There is a cattle-pound at each thaná and at the Bhawarna and Ránítál outposts and at Paprõla in Pálampur Tahsil.

There are no trackers or mounted police. The most difficult thaná to manage is Pálampur on account of its large area and population. The thanás are not well divided, some being too large, and some too small, and some have villages belonging to two or more Tahsils. Many of the zails are situated partly in one thaná and partly in others. The large area and the fact that the Mandi State lies between Kángra Proper and the Kulu Sub-division cause difficulties in management especially as the reserve at headquarters is insufficient. Escort duty over prisoners has lately become very heavy owing to the substitution of a Lock-up for a Jail at Dharmaśála. The classes enlisted are chiefly Rájpúts, Játs and Bráhmans. There are now 312 Hindús and 91 Muhammadans in the force.

There is no criminal tribe settled in the district, but gangs of Bangálís, a wandering criminal tribe, are always to be found in the district. They travel to and from the adjoining British Districts and Native States. A careful inquiry into their antecedents and present mode of life made in 1883 showed that the Bangálís of Kángra have a tradition that several generations ago their ancestors came to this district from Bengal; their occupation was begging and snake-charming, and there can be no doubt that they are tribally connected with the Bengálís of the plains, with whom they have constant communication. They gain a living by begging, by exhibiting snakes, and by petty pilfering from houses, and more especially from fields. They are said to be very expert and daring burglars. They live in reed huts by the wayside, or in any convenient spot that takes their fancy. They never remain long in one place, and can pack up and march off on the shortest notice, carrying their huts and property on donkeys. They are filthy in their habits, and hunt and eat the most repulsive of wild animals. They prostitute their women. In some parts of the district they are employed to catch porcupines, which are most destructive to gardens. They believe in Lákhi Dáta, to whose shrine, in Dhaunkal near Waziríbakd, they make pilgrimages, and also propitiate the local deities. They are said to speak a kind of thieves’ language understood only by themselves, but the Superintendent of Police could not extract any specimens of it from them. They are a
source of great annoyance to the settled population, besides inflicting considerable losses by a regular system of petty thefts.

In addition to the regular police, the village chaukidārs (styled locally batwāl or karaunk) form a body of rural police. They are paid Rs. 3 and in many instances Rs. 4 per mensem collected from the inhabitants in accordance with the provisions of the Punjab Laws Act. The following is from Barnes' Settlement Report, Section 411:

"Throughout the hills there is a rude system of village police, one of the ancient institutions of the people. The incumbents are called batwāls or karaunks. The office is considered hereditary, and all the members of the family adopt the name. They intermarry among themselves, and constitute, in fact, a separate race, just as the sonār or any other professional caste. They are remunerated by a fixed proportion of grain upon every house, generally five seers (standard weight), and they also receive certain fees and perquisites at harvest time, and on festive occasions, such as births and marriages, within their jurisdiction. The houses of the peasantry are so scattered, and crime generally is so rare, that the duties of the village police never include the watch and ward. They are required to report the occurrence of crime to the thāna and to use their local knowledge towards detecting offenders and recovering stolen property. But their principal business remains, as heretofore, to collect porters and supplies for travellers, and to discharge any particular duty which the tambardār may assign to them. In every village there are one or more of these useful functionaries, according to the size of the area and the amount of the general income. I have maintained this class even to their names, just as I found them. In some villages I modified the duties and increased the emoluments to suit our mode of procedure, but I took care to disturb as little as possible existing arrangements. This village police is exceedingly popular and efficient. There is no man more alert, more useful, or more ubiquitous than the humble batwāl. He is always ready to escort the traveller to the halting place, to relieve his coolies, to point out the ford, and to give any local information required of him. Among the villagers themselves he is a man of some importance. His call for labour, either for public or private purposes, cannot be evaded. He summons and leads them to the repair of a canal, or as beaters for a battue; and he tells them off, without respect of persons, to the less agreeable duty of begār or porter labour. In very few instances, where there was a sufficient number of shops, I appointed a chaukidār for their protection; but his wages are entirely paid by the shop-keepers, and the agricultural classes have only to maintain their hereditary batwāl.

The Lock-up at headquarters contains accommodation for 69 prisoners. The old Jail has been dismantled, as owing to landslips it was in an unsafe condition. A site for a new Jail has not yet been selected.

**Section I.—Education.**

There is a High School at Palampur, Anglo-Vernacular Middle Schools at Kangra and Nurpur, Vernacular Middle Schools at Sujānpur, Sultanpur and Nādaun, while the 37 Primary Schools are divided among the tahsils as follows:—Kāngra 6, Palampur 9, Dera 8, Nurpur 7, Hamirpur 5, Kulu and Banjar 2.
The High School at Palampur was founded in 1868 by the amalgamation of the Anglo-Vernacular Schools of Pahr and Salyana. After working as a Middle School until 1891 it was raised to the status of a High School. The original school building built in 1868 was extended in 1883 at a cost of Rs. 8,000 by the liberality of His Highness, the late Raja Vijai Sain of Mandi. It is a substantial and convenient building. The staff consists of six English and six Vernacular teachers with one Gymnastic instructor. The expenses are met at present from District Funds.

Attached to the school is a large Boarding-house with 70 or 80 boys. Sir James Lyall, once Deputy Commissioner and Settlement Officer of the district, founded five scholarships at the school for Rajput, Kanet, and Gaddi boys.

The old town school at Nurpur is situated in a portion of the fort said to have been built by the Empress Nurjahan. When Nurpur was a flourishing town of 12,000 souls (about 1860-1870), its school was the first in the district; but since the decline of the town the chief place has been taken by the Palampur school. The Nurpur staff consists of eight teachers and a Gymnastic instructor. There is a Boarding-house, built in 1888, which now holds 35 boys.

The Church Mission School at Kangra is the oldest institution in the district. It was founded in 1854 by Mr. Merk with 30 or 40 boys. The building was extended in 1896. The school is at present an Anglo-Vernacular Middle School, but High School classes have been started with a view to raising it to the status of a High School. The Boarding-house dates from 1881, but the present building was completed in 1901 at a cost of Rs. 1,000 on the site of the old Kangra Tahsil. The school costs the Mission Rs. 1,800 annually, while the District Board gives a grant of Rs. 128, the Kangra Municipality Rs. 226, and Provincial Funds Rs. 676. Fees realise Rs. 1,300.

There are four zamindari schools, intended specially for the sons of agriculturists. Two of these are in Kulu. Two Anglo-Vernacular Primary Schools exist in Dharmshala, one managed by the Church Missionary Society and one by the Arya Samaj. Each receives Rs. 100 annually from the Municipality. Female education is backward. There are no indigenous schools for girls, the seven controlled schools are situated at Nagrota, Haripur, Nadaun, Nurpur, Gangtha, Indaura and Kotla.

There is an Aided Primary School at Kye-lang in Lahul and a small Mission School, managed by the Moravian Mission, at Nirm and in Saraj. The schools of the district are under the Inspector of the Jullundur Circle.
There are dispensaries at Kangra, Núpur, Pálampur, Kulu, Dharmsála (two), Jawála Mukhi, Hamírpu and Banjther under the general control of the Civil Surgeon. That at Kulu is under a Native Assistant Surgeon, the others under Hospital Assistants. The dispensary at Pálampur is in the charge of a Military Assistant Surgeon; since his appointment the dispensary has become very popular. There is also a leper asylum at Dharmsála established in 1857 in Colonel Lake's time for a small number of lepers. It is supported by the interest of a fund raised by Colonel Lake and by District Funds. It is situated about a mile below the kotwáli bázár. There are two barrack, divided into 28 rooms. Food, &c., is sanctioned at Rs. 3 each from a provincial grant.

There is a Medical Mission at Kyelang in Láhul supported by the Moravian Mission. About 300 out-patients were treated during 1901. The District Board gives Rs. 100 per annum as a grant-in-aid. There is an itinerating medical missionary of the Church Missionary Society in the district with headquarters at Dharmsála. There is no Lady Dufferin Fund Hospital in this district.

The popular treatment is chiefly carried out by Baidás, whose pharmacopóeia consists largely of croton seeds, mercury and arsenic. Very little surgery is practised, scarification, counter-irritants and leeches are the only operations which might be called surgery. Fevers and injuries in villages are usually treated by incantations and prayers.

Vaccination is only compulsory within the Dharmsála Munici-
pality. The district is, however, the best vaccinated district in the Punjab. Vaccination is mostly performed direct from buffalo calves, except in Kulu, where vaseline vaccine paste, obtained from Government depôts, is chiefly used. Inoculation for small-pox is only practised in the village of Jáliú, Hamírpu Tahsil, by some inocula-
tors of the Sounkala caste, who reside there.
CHAPTER IV.—PLACES OF INTEREST.

BAIJNÁTH.

Baijnáth (the ancient Kíra-gráma) is a village situated on the Pálampur-Kiilu Road, 11 miles east of Pálampur. Population (1901) 6,555. Two Hindú temples here bear inscriptions in the ancient Sára character, dated A.D. 804-5, which give the pedigree of the Rájánakas or princes of Kíra-gráma, who were kinsmen and feudatories of the kings of Jándhara or Trigártā.


BANGÁHAL.

Bangáhal is a remote canton of the outer Himalaya lying between Kángra Proper and the outlying sub-division of Kulu in 32° 15' to 32° 29' N. and 76° 49' to 76° 55' E. The Dháola Dhar divides the canton into two main valleys, the northern of which is called Bara or Greater Bangáhal, and the southern Chhota or Lesser Bangáhal. The former, with an area of 290 square miles, contains but a single village, with a few Kanet families, lying 8,500 feet above sea-level. The river Rávi has its source in this valley and is a considerable stream before it issues into the State of Chamba. The mountains rise steeply from its tanks into peaks of 17,000 and even 20,000 feet, covered with glaciers and perpetual snow. The lower ravines contain much pine forest, and the upper slopes afford grazing for large flocks. Chhota Bangáhal is again divided by a range, 10,000 feet in height, into two glens. In the eastern, which contains 18 scattered hamlets of Kanets and Dághís, rises the Ul river, and the western, known as Bír Bangáhal, resembles the higher valleys of Kángra Proper.

CHARI.

Chari is a village near Kot Kángra. In 1854 the foundations of a temple with an inscribed pedestal (since lost) were discovered here. The inscription contained the formula of the Buddhist faith, and from the figures of seven boars carved in the front of the pedestal it appeared that the statue to which it belonged was that of the Tántric goddess Vajravarahi. (Archaeological Survey Reports V, p. 177).

DERA GOPIPUR.

Dera Gopipur is a Tahsil lying between 31° 40' and 32° 80' N. and 75° 55' and 76° 32' E., with an area of 516 square miles. Its population was 125,536 in 1901 as against 125,512 in 1891. It contains 145 villages including Dera Gopipur, the tahsil headquarters, Haripur and Jawál Mukhi, and the land revenue including cesses amounted in 1902-03 to Rs. 2,11,000.
Dharmśāla.

Dharmśāla is a hill station, a municipality of the first class, and the administrative headquarters of the district. Dharmśāla lies on a spur of the Dháola Dhor, 11 miles north-east of Kángra, in the midst of wild and picturesque scenery. Latitude 32° 15' 42" North, longitude 76° 22' 46" East. Population in 1901, 6,971 (4,755 males and 2,216 females). Of these, 8,683 were enumerated in cantonments. It originally formed a subsidiary cantonment for the troops stationed at Kángra, and was first occupied as a station in 1849, when a site was required for a cantonment to accommodate a Native Regiment which was at the time being raised in the district. The fort at Kángra was fully occupied by its garrison; the high ground around it scarcely afforded sufficient space for the requirements of the civil station; while the low ground of the surrounding valleys would have been unhealthy. A site for the cantonment was, therefore, found on the slopes of the Dháola Dhor, in a plot of waste land, upon which stood an old Hindu sanctuary, or dharmśāl, whence the name adopted for the new cantonment. The civil authorities of the district, following the example of the Regimental Officers, and attracted by the advantages of climate and scenery, built themselves houses in the neighbourhood of the cantonment; and in March 1855, the new station was formally recognised as the headquarters of the district. At this time it contained, besides the cantonment buildings and bāzār, only some seven or eight European houses, of which about one-half were situated at a higher elevation on the Bhágśi hill. At the present day the upper part of the station, which ranges to a height of about 6,000 feet, contains the European houses, the Station Church and the Officers’ Mess and lines of the 1st Gurkha, together with the Public Gardens, Post Office and two bāzārs, the Forsythganj and McLeodganj. The Public Offices, a bāzār, and a few European houses make up the lower station which goes as low as 4,500 feet. The 1st Battalion of the 1st Gurkha used to be stationed here, but were moved to the upper station in 1894-95 (see Chap. III, Sec. G., p. 243). The upper and lower stations are connected by numerous roads, one of which, at a gentle gradient and passable by carts, is five and-a-half miles in length. The other roads are steep paths down the hill-side. In the upper station are three level roads cut in parallel lines along the side of the hill, the lowest of which, called the Mall, is about two miles in length, and is terminated one way by the Public Gardens and the Gurkha Mess and the other way by the McLeodganj bāzār, so called in honour of the late Sir D. McLeod, formerly Lieutenant-Governor of the Province. It is connected with the upper roads by paths, most of which are steep ascents, against the face of the hill. The Public Gardens, which are laid out with much taste in lawns and terraces, contain a valuable collection of indigenous and

(1) In 1870 there were thirty-nine only.
imported trees and shrubs;\(^1\) and are over-looked by the assembly rooms, a handsome building comprising a public hall, a library and reading room, and a billiard-room. The Church is beautifully situated in a recess of the mountain. The churchyard contains a monument erected to the memory of Lord Elgin, who died here in 1863. Immediately above the station rises a hill, known as Dharm-kot, the summit of which is a favourite resort. There are also some picturesque waterfalls within a walk at Bhágśú Náth. At a greater distance, but still within reach of an excursion from Dharmála, are several places of interest in the higher hills, of which the most notable is the Kareri Lake, 10,000 feet above the sea.

The elevation of the principal points is given in the margin.

The scenery of Dharmála is peculiarly grand. The station occupies a spur of the Dháola Dhár itself, and is well wooded with oak and other forest trees.\(^2\) Above it the pine-clad mountainside towers toward the loftier peaks, which, covered for half the year with snow, stand out jagged and scarred against the sky. Below, in perfect contrast, lies the luxuriant Káŋgra Valley, green with rice-fields, a picture of rural quiet.

Of the station itself, perhaps the best view is to be obtained from the Mess House. Much has been done of late years to render Dharmála more accessible. Cart roads connect it with the plains viá Hoshiárpur on the south and viá Pathánkot on the west; there is a Tonga service from Pathánkot and a Telegraph line connects Dharmála and Pálampur with Amritsar and Lahore. The rainfall at Dharmála is very heavy, and the atmosphere is peculiarly damp during the three months of the rainy season. The average annual rainfall is officially returned as 148 inches, by far the highest figure reached at any point of observation in the Province. In January, February, and March also, storms are very frequent. Trade is confined to the supply of necessaries for the European residents, Government officials and their servants. The Dal fair is held at the Dal Lake, close to cantonment, in September, and is largely attended by the Gaddíś and other Hinduś. The famous temple of Bhágśú Náth is two miles to the east of the

\(^{1}\) Another and more valuable collection of Himalayan and other trees is to be found in the garden of Cedar Hall estate, once the property of the late Sir Donald McLeod and now owned by H. H. the Rája of Kapurthala, the principal features of which are a plantation of deodár (Cedrus deodara) and many species of imported European fruit-trees.

\(^{2}\) The Ban (Quercus incana) The Chil (Pinus longifolia) and rhododendron are the prominent trees. The undergrowth is rich in flowering shrubs, among which barberry (Berberis vulgaris), daphne (D. Canva-bina and D. oleoides) and the creeping rose (Rosa Moschata) are conspicuous.
station, and Dharamsala itself is known to the natives as Bhagtas.

Owing to the excessive rainfall Dharamsala has a damp and relaxing climate, and is not a popular hill resort.

The Dharamsala Municipality is of the 1st class.

The average municipal income for the ten years ending 1902-03 was Rs. 9,659, and the average expenditure Rs. 9,450. The chief items of income and expenditure for 1902-03 were as follows:

<table>
<thead>
<tr>
<th>Income</th>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taxes, and fees at annual fairs</td>
<td>4,995</td>
</tr>
<tr>
<td>Municipal property</td>
<td>1,932</td>
</tr>
<tr>
<td>Grants and Contributions</td>
<td>1,363</td>
</tr>
<tr>
<td>Others</td>
<td>1,377</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>9,667</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenditure</th>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>744</td>
</tr>
<tr>
<td>Public safety</td>
<td>306</td>
</tr>
<tr>
<td>Public health and convenience</td>
<td>7,025</td>
</tr>
<tr>
<td>Public instruction</td>
<td>182</td>
</tr>
<tr>
<td>Others</td>
<td>429</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>9,588</strong></td>
</tr>
</tbody>
</table>

The Municipal Committee was re-constituted under Act XIII of 1884, and election rules published in Punjab Government Gazette Notification No. 1518, dated 1st October 1885. By this Notification it is laid down that the Municipal Committee may consist of nine members, of whom not less than six shall be elected, and three “may be appointed by the Local Government, either by name or official designation.”

The nominated members are at present appointed ex-officio, namely, the District Judge, the Executive Engineer, and the Civil Surgeon. The District Judge is ex-officio President of the Committee (Punjab Government Gazette No. 157, dated 7th April 1900). The Committee in 1903-04 consisted of four Europeans and five Natives.

On reconstitution in 1884 the Committee framed rules of business (Punjab Government Gazette Notification No. 392, dated 28th October 1885), whereby the quorum was fixed at four, including either the President or Vice-President. The powers of the President are unusually extensive. With him rests the option of nominating Sub-Committees for special purposes. He alone can sanction prosecutions for breach of Municipal Bye-laws. The powers of the Vice-President are purely delegatory, and only exist by the permission of the President, who can vary or cancel them at will.

The Penal Bye-laws made by the Committee under Sections 119 and 120 of Act XIII of 1884 came into force at the beginning of 1887 (Punjab Government Gazette Notification No. 809, dated 25th November 1886). They are on the usual lines.

The municipal boundaries were fixed by Punjab Government Notification No. 478, dated 16th July 1888.(5)

Building bye-laws were sanctioned (Punjab Gazette, page 1318, Part III, dated 2nd December 1886; Municipal Manual, page 406); Forest Conservancy Rules by Government Notification No. 3171, dated 2nd December 1867.
Section 204 of the Municipal Act, giving the Committee control over disorderly houses, was extended to Dharmsála by Punjab Government Gazette Notification No. 254, dated 2nd June 1892.

Further bye-laws were made, modifying and extending the first section of the Penal Bye-laws, in 1902 (Punjab Government Gazette Notification No. 334, dated 5th July 1902). These regulate in considerable detail rates of hire for coolies, dandy-bearers, job-porters, &c., and impose a license-fee of one rupee on every coolie plying for hire within municipal limits. This tax, however, has never been enforced.

In 1867 the Committee made rules for taxation which were sanctioned by Government (Punjab Government Gazette Notification No. 3178, dated 2nd December 1867). A house-tax, shop-tax and taxes on lime, stone and slate quarries were sanctioned.

Ten years later a water-tax at the rate of Rs. 10 was levied on houses of the class used by Europeans for the use of water from the irrigation ‘kul’ and at the rate of Re. 1 on native houses and shops (Punjab Government Gazette Notification No. 211, dated the 31st July 1883). The ground-tax was at the same time fixed at 1 anna per square yard of area occupied by shops in the bazar. Fresh taxes were imposed—Rs. 2 per annum for a license for one man to cut wood and grass, 8 annas a head for jhampanis, and 2 annas a head on every sheep and goat slaughtered within municipal limits—by Punjab Government Gazette Notification No. 212, dated 31st July 1883. Menial and domestic servants were next taxed at the rate of 8 annas a head (Punjab Government Gazette Notification No. 170, dated 12th April 1892).

A conservancy tax had been sanctioned by Government in 1883. This was replaced by a house-scavenging tax at Rs. 2 per cent. on the gross annual rental of all occupied houses (Punjab Government Gazette Notification No. 430, dated 20th September 1900). Lastly dogs came under a yearly tax of one rupee (Punjab Government Gazette Notification No. 589, dated 22nd December 1900).

Like Dalhousie, Dharmsála levies no octroi. In a hill-station the municipal area is so straggling that numerous octroi posts are needed, and it takes a very heavy trade to ensure a profit. The income of the Municipality in 1901-02 was Rs. 9,700, including Rs. 4,600 from taxation. The house-tax is the most profitable, bringing in Rs. 2,600, while the conservancy tax and the water-rate yield Rs. 800 a piece.

Besides taxation the only important source of revenue is the Municipal forests which are managed by the Forest Department and bring in Rs. 1,400. The Local Funds grant for Medical expenditure is Rs. 1,500. Rents bring in Rs. 800, and Medical
Kangra District]

Hamirpur.

[PART A.

CHAP. IV.

Town of Hamirpur.

Hamirpur sees Rs. 700. The incidence of taxation is very low for a hill station, only Re. 1-6-4 per head. In 1881-82 the total income of the Municipality was Rs. 4,000, taxation contributing Rs. 2,500, while the incidence was Re. 0-10-7.

The income of the Committee, though it has now risen to nearly Rs. 10,000, renders large schemes of public improvement impossible without help from outside. Hitherto in fact public works have been limited to a Zenana Hospital, built by the Committee and the District Board together in 1897, to commemorate the Jubilee of Queen Victoria. The infectious ward of the station hospital was completed at the same time. A scheme for tapping the Bhagwan-nath stream and providing the civil station with a permanent water-supply has just received the sanction of Government.

Normal expenditure includes (1901-02) Hospitals and Dispensaries, Rs. 3,000; Roads and Conservancy, Rs. 800 each; and Markets, etc., Rs. 500. About Rs. 1,000 is now being spent annually on works to prevent the slipping of the hillside, and on other drainage works. It is to be noted that in Dharmsala, where there is no octroi, administration and collection of income only cost Rs. 800 a year. The total expenditure for 1901-02 was Rs. 9,000 and the balance at the end of the year Rs. 2,000.

In 1887-88 Dharmsala was one of the three towns in the Province which levied a conservancy tax. Public lighting was introduced in August 1896. In 1897-98 sanitation was placed directly in the charge of the Civil Surgeon and the arrangements made by him are reported to be excellent.

Hamirpur.

Hamirpur is a Tahsil lying between 31° 25' and 31° 58' N. and 76° 9' and 76° 44' E., with an area of 601 square miles. It is bounded on the south by Bilaspur State and on the east by Mandi State. Its population was 161,424 in 1901 as against 162,705 in 1891. It contains 64 villages including Hamirpur, the tahsil headquarters, and Sujanjpun, and the land revenue including cesses amounted in 1902-03 to Rs. 1,95,000.

Haripur.

Haripur is situated on the left bank of the Banganga, a tributary of the Beas, in latitude 32° North and longitude 76° 15' East. It was founded in the thirteenth century by Hari Chand, Raja of Kangra, whose brother had succeeded to the throne of Kangra on the Raja's supposed death. Hari Chand had really fallen into a dry well when out hunting, and when he was extricated and heard of his brother's accession he resigned his right and founded the town and fort of Haripur opposite Goler, making it the headquarters of a separate principality. The fort of Haripur occupies one of the most picturesque situations in the district.
Haripur is now only a straggling village and is of no importance. The Municipal Committee was abolished in 1888. There is a Police Station, Post Office, Police Rest-house, and School-house.

Jawalamukhi.

Jawalamukhi is a famous temple of the goddess Jawalamukhi, "she of the flaming mouth," (31° 52' N. and 76° 21' E.). It lies in the valley of the Beas and is built over some natural jets of combustible gas, believed to be a manifestation of the goddess Devi. Another legend avers that the flames proceed from the mouth of the demon Jalandhara, the Daitya king whom Siva overwhelmed with mountains and who gives his name to the Jalandhar (Jullundur) Doab. The building is modern, with a gilt dome and pinnacles, and possesses a beautiful folding door of silver plates, presented by the Sikh Rajā Kharak Singh. The adjacent village is surrounded by remains which attest its former size and wealth.

The interior of the temple consists of a square pit about 3 feet deep with a pathway all round. In the middle the rock is slightly hollowed out about the principal fissure, and on applying a light the gas bursts into a flame. The gas escapes at several other points from the crevices of the walls of the pit. It collects very slowly, and the attendant Brāhmans, when pilgrims are numerous, keep up the flames with ghī. There is no idol of any kind, the flaming fissure being considered as the fiery mouth of the goddess, whose headless body is said to be in the temple of Bhawan.

The incomes of the temple, which are considerable, belong to the Bhojki priests, as to whom see Chap. I, C. At one time the Katooch Rājās appear to have appropriated the whole or the greater part of the income; and under Muhammadan rule a poll-tax of one anna was levied upon all pilgrims. The number of those in the course of the year is very great; and at the principal festival in September—October as many as 50,000 are said to congregate; many coming from great distances. Another festival of scarcely less importance takes place in March. Six hot mineral springs, impregnated with common salt and iodide of potassium, are found in the neighbourhood.

There is a Police Station, a Post Office and a School-house at Jawalamukhi. A sarāi, erected by the Rājī of Patiali, is attached to the temple, and there are also eight dharmśālās or sanctuaries with rest-houses for travellers. The Municipal Committee was abolished in 1888.

Kangra TaHsil.

Kangra is a Tahsil lying between 31° 54' and 32° 23' N. and 76° 8' and 76° 41' E., with an area of 429 square miles. It is bounded on the north by the Dhāola Dhar range which separates it from Chamba. Its population was 125,935 in 1901 as against 125,138 in 1891. It contains the towns of Dharmśāla (6,971) and
Kangra District. Kangra Town. [PART A.

CHAP IV. Kangra (4,746), its headquarters, and 134 villages, of which Kanhiári and Chari are of archaeological interest. The land revenue including cesses amounted in 1902-03 to Rs. 2,09,000.

Kangra Town.

Kangra.—(Nagar Kot: Kot Kangra). The town of Kangra, anciently called Nagarkot,(1) is a 2nd class Municipality, formerly the headquarters of the district, and still the headquarters of the Kangra Tahsil. Population in 1901 4,746 (2,638 males and 2,108 females). Lying in 30° 5' N. and 76° 17' E., on the northern slope of the low ranges which run through the centre of the district, it faces Dharmála and commands a fine view of the Kangra valley. In the suburb of Bhawan is the temple of Devi Bajreshri, whose gilded cupola is a conspicuous land-mark(2) and which contains a late Sanskrit inscription of about 1430 A.D. dedicated to Jawalá-mukhi and mentioning Sansár Chand, I, the Katoch king of Kangra.

On the lofty ridge south of and above the town is Kot Kangra or "the fort Kangra." The fort, surrounded on three sides by inaccessible cliffs, is still an imposing structure of stone, and in its highest part are the dwellings and temples of the old Katoch kings of Kangra.

The public buildings are a Sessions-house, Tahsil, Police Station, charitable Dispensary, Post Office, Mission School, Staging Bungalow and sardí. The fort is now garrisoned by police only. The Church Missionary Society is established at Bhawan and has a small church and a school for boys attached to it. The vicissitudes of fortune which have befallen Kangra under successive rulers have been already detailed. Often attacked, it has never been taken by storm. Gurkhas and Sikhs alike failed in their attempts upon it. The former raised the siege after twelve months' effort, and the latter only gained possession by capitulation; and many striking illustrations of the prestige attaching to its possession have been already related. It is probable that during the occupation of the Muhammadan Emperors, Kangra was far more populous than it is now, for the fort was certainly occupied by a strong garrison, sufficient to enable the last Muhammadan Governor to maintain possession long after he had become completely isolated from the Delhi Empire. The Sikhs affected the suburb of Bhawan, the population of which is said to have increased largely during their rule, at the expense probably of the older town. The temple of Devi, situated in this suburb of Bhawan, is among the most ancient, as it was once one of the most renowned shrines of Northern India. It finds historic mention in Ferishta's account of the fourth invasion of India by Sultán Mahmúd A.D. 1098 and again, in A.D. 1360.

(1) Nagarkot appears to have been the name of the town, Kangra of the fort. Thus Abul Fazl in the An-i-Akbari, Gladwin's Translation, 11, p. 109.—"Nagarkot is a city situated upon a mountain with a fort called Kãgra." The Nagarkotia Brahmans derive their appellation from this old name of Kangra.

(2) Ep. Indica, I, p. 190
when for a second time it was plundered by the Emperor Firoz Tughlak. In the time of Mahmúd, if Ferishta is to be at all credited, the riches of the shrine were enormous. Elphinstone, who draws his account from Ferishta, describes it as "enriched by the offerings of a long succession of Hindu princes and the depository of most of the wealth of the neighbourhood."\(^1\) The treasure carried off by Mahmúd is stated to have been 7,00,000 golden dinars, 700 mans\(^2\) of gold and silver plate, 200 mans of pure gold in ingots, 2,000 mans of unwrought silver, and 20 mans of jewels, including pearls, corals, diamonds and rubies.\(^3\) The shrine is largely resorted to by pilgrims from the plains at the great festivals held in March—April and October. A family of surgeon resident at Kángra were famed for skill in a curious operation, having the object of restoring the nose to any face which has had the misfortune to lose that appendage. They are said to draw down a flap of skin from the forehead as a covering for the new nose, thus restoring the beauty of many of a marred countenance. A humorous woodcut taken from a native drawing at p. 267 of Powell’s "Punjab Manufactures," illustrates the various stages of the operation.

Kángra is a second class municipality with a committee of 9 members, 2 ex-officio, 1 nominated and 6 elected. (Punjab Govt. Notn. No. 1658 S., dated 12th October 1885).

The average municipal income for the ten years ending 1902-03 was Rs. 5,460, and the average expenditure Rs. 5,272. The chief items of income and expenditure for 1902-03 were as follows:

<table>
<thead>
<tr>
<th>Income</th>
<th>Rs.</th>
<th>Expenditure</th>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octroi</td>
<td>4,763</td>
<td>Administration</td>
<td>1,085</td>
</tr>
<tr>
<td>Municipal property, etc.</td>
<td>274</td>
<td>Public safety</td>
<td>608</td>
</tr>
<tr>
<td>Grants and contributions</td>
<td>150</td>
<td>Public health and convenience</td>
<td>2,795</td>
</tr>
<tr>
<td>Others</td>
<td>585</td>
<td>Contributions</td>
<td>17</td>
</tr>
<tr>
<td>Total</td>
<td>5,772</td>
<td>Public instruction</td>
<td>254</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others</td>
<td>399</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>5,328</td>
</tr>
</tbody>
</table>


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\(^1\) History of India (fifth addition), p. 329.

\(^2\) The commonest man, that of Tábríz, is 11 lbs. The Indian man (maund) is 80 lbs.

\(^3\) As to the priests of the Kángra temple, see ante Chap. I, C. The local version of the well-known legend of the demon Jalândhara is that when slain by the goddevi, the giant fell prostrate on his breast with his head at Br. 5th, his Kángra, his shoulders at Trilok Náth and Jawâlámukhi, and his Goler, covering 48 kos of country. In answer to his dying pardon for sin to all who should die within the limits of the tm. For another version, see Gazetteer of Jullundur.

CHAP. IV. June 1890. In the case of the latter the model rules were adopted (Ml. Manual, p. 450-1).

Public Institutions.

Under Section 71 of the Ml. Act properties have been reserved by Notn. No. 1221 S., dated 3rd September 1885.

KANJRA.

Kanjra. Kaniara on the Chauran stream, 4 miles east of Lower Dharmsála, deserves notice for two inscriptions, dating from the second century A. D. which have been found on boulders some 30 yards apart, about half-way between Kaniara and Dharmsála. According to Mr. E. C. Bayley the inscriptions read—

1) Krishnayasasa árama, in Arian Páli; and

2) Krishnayasasa árama medhangesya, in the square Indian character. Both mean the “Garden of Krishna.” The word yasas “glory” shows that Krishna had at that period been admitted into the Hindu Pantheon. Medhangesya in the second inscription means corpulent.(1) Dr. Vogel however considers the name to be possibly a corruption of Krishna-vihára, and that the inscription, cut on two massive granite blocks in the Brahmi and Kharoshthi scripts, would appear to prove the existence of a Buddhist monastery (árama) at this place in the 2nd century A.D.(2)

The place is now a burning ghát, and in the midst is a large flat stone, called a bhútisila, to which the following legend attaches:—

A Brahman chela charmed a bhút or baiítál (demon) and made him plough his land for him and obey his commands. He fed the bhút on ordure and sobal (a kind of scum found on rivers), but one day when he was away his women fed the bhút on festival-food which was poison to him, and so he went and sat on the bhútisila and began devouring every living thing that came in his way. When the Brahman returned he nailed the bhút down to the stone and the words engraved on it are the charm he used in so doing. There is now a shrine of Indru Nág, who brings rain and assists in time of trouble, at Kaniara.

NÁDAUN.

Nádaun is a petty town situated in lat. 31° 46' N. and long. 79° 19' E., on the left bank of the Beés, 20 miles south-east of Kána town. The headquarters of the jágí of Rájá Amar Chand, son of late Rijá Sir Jodhbir Chand, it was a favourite residence of Rijá Sansár Chand, who built himself a place at Amtar, on the river bank, one mile from the town, where he held his court during the summer.

NURIKH TAHSIL.

Núpur is a Tahsil lying between 31° 58' and 32° 24' N. and 76° 36' and 76° 9' E., with an area of 525 square miles. It is

Asiatic Society of Bengal, Vol. XXII. p. 57. Archaeological 175.

Journals Reports V, page 177 and Ep. Indica, VII, page 116,
bounded on the north-east by the Dhaola Dhár range which divides it from Chamba. Its population was 102,289 in 1901 as against 104,895 in 1891. The town of Núrpur (4,462) is the tahsil headquarters, and there are 191 villages. The land revenue including cesses amounted in 1902-03 to Rs. 1,65,000.

NÚRPUR TOWN.

Núrpur is a second class municipal town and headquarters of the Núrpur Tahsil. Lying in 32° 18' N. and 75° 55' E., 37 miles west of Dharmśálá on the road to Pathálkot, it is picturesquely situated on the western side of a hill which rises sharply from the plain. Population in 1901, 4,462 (2,389 males and 2,073 females). A considerable shawl-weaving industry used to be carried on here by Kashmiris who had fled from Kashmir in the famine of 1783, but the industry perished during the Franco-German war of 1870 and the town has never recovered its prosperity.

Núrpur was anciently called Dhameri (or Temmery by the old travellers) and was re-named Núrpur in honour of the Emperor Núr-ud-dín, whose title was Jahángir. The Rájas of Núrpur are known to Muhammadian historians as the Zamíndárs of Man and Paíthán, and Núrpur became their capital after the destruction of Mau by Sháh Jahán. (Indian Antiquary I, page 264).

Núrpur is a second class municipality with a committee of 9 members, 2 ex-officio, 1 nominated and 6 elected. (Punjab Govt. Notn. No. 1658 S., dated 12th Oct. 1885).

The average municipal income for the ten years ending 1902-03 was Rs. 10,223, and the average expenditure Rs. 9,970. The chief items of income and expenditure for 1902-03 were as follows:

 Income. Rs. Expenditure. Rs.
Octroi ... 5,007 Administration ... 897
Municipal property, etc. ... 1,541 Public safety ... 787
Grants and contributions ... 2,555 Public health and convenience ... 3,881
Others ... 451 Public instruction ... 4,694
Total ... 9,590 Others ... 257


PALAMPUR TAHSL.

Palámpur is a Tahsil lying between 31° 49' and 32° 29' N. and 76° 23' and 77° 2' E., with an area of 443 square miles. It is bounded on the north by a crest of the Dhaola Dhár range. Its
population was 132,955 in 1901 as against 129,599 in 1891. It contains 113 villages, of which Palampur is the tahsil headquarters, and the land revenue including cesses amounted in 1902-03 to Rs. 2,07,000.

Pathyár.

Pathyár is a small village some 12 miles from Dharmsála. Two inscriptions of a primitive type, cut in both the Brahmi and Kharoshti scripts, in letters of remarkable size, recording the dedication of a garden and tank, probably in the 3rd century B.C., have been found here. (Ep. Indica, VII, page 116).

Sujánpur-Tira.

Sujánpur-Tira is a village on the Beás (31° 50’ N. and 76° 33’ E.) which derives the second part of its name from the Tira, or palace commenced by Abhaya Chand, the Katoch king of Kángra, in 1758 A.D. His grandson Suján Chand founded the town and Sansír Chand, the great Katoch ruler, completed it and held his court here. The townslip is picturesque, with a fine chaugán and grassy plain surrounded by trees, but the palace, a highly finished building of regal proportions, has fallen into disrepair since the Katoch family took up its residence in Lambágraon. There are five old temples at Tira and Sujánpur.
APPENDIX I.

THE RÀJAS OF NÚRPUR.

Núrpur lies north-west of Kângra, on the Jabbarkhâd, a small tributary of the Chakki, which flows into the Beás. Its old name, Dhameri, the "Temmery" of the old travellers, was changed to Núrpur by Râja Básû in honor of Jahângîr, whose first name was Núr-ud-Dîn. The Ràjâs of Núrûr are generally called in Muhammadan histories "the Zamînârs of Mau and Paitûn." Mau was one of their strongholds and was destroyed by Shah Jahân, and Paitûn is the same as Pathânkot, west of Nûrpûr. Paitûn is mentioned in the A'in as a purâna of the Bûr Diâb, containing 199,872 bîghâs, yielding a revenue of 7,297,015 dîms (40 dîms = 1 Akbarshâhî rupee), and furnishing 250 horse and 2,000 foot; and Dhameri is quoted as yielding 1,600,000 dîms, and furnishing 60 horse and 1,300 foot.

The Zamînârs of Mau and Paitûn are first noticed in the very beginning of Akbar's reign, when Râja Bakht Mâl is mentioned as a supporter of Sikandar Sûr whom Akbar, in 965 A. H., besieged in Mûnkot. When Bakht Mâl saw that Sikandar's cause was hopeless he paid his respects in the imperial camp, and after the surrender of Mûnkot accompanied the army to Lahore, where Bâirâm Khân had him executed on the ground that he had supported Sikandar Sûr. As his successor Bâirâm appointed his brother Takht Mâl. It is a question whether the names of these two Ràjâs of Dhameri are correct, or whether the first ought not to be Takht Mâl and the second Bakht Mâl; for in every MS. of the Akbarnâmâh the two names are continually interchanged.

Nearly thirty-two years later we hear of Râja Básû as reigning Zamînâr of Mau and Paitûn. It is not stated how he was related to Bakht Mâl and Takht Mâl; but the historians of the reigns of Shah Jahân and Anrangzâb look upon him as the founder of a new line, and give the following genealogical tree:

Râja Básû of Nûrûr. (Dies 1022.)


(1) Rûjûp. (2) Phûo Singh. (Murîd Khân). (Dies 1053.)

The last Bhoî Singh in the beginning of Anrangzâb's reign turned Mohammadan and received the name of Murîd Khân. His descendants, according to the Mââhir, still hold Shahpur, in the Gurdâspûr District, north-west of Nûrûr, near the Râvi, and "he who becomes Râja, takes the name of Murîd Khân."

Râja Básû.—When Râja Básû became Zamînâr, he made his submission to Akbar. But when Akbar, after the death of his brother Mirza Muhammad Hakîm, King of Kâbul (A. H. 990), made Lahore his capital, Básû did not pay his respects as he was expected
to do, and the Emperor ordered Hasan Beg Sheikh Umari to invade Mau. But when he had moved as far as Paithán, Bású, advised by Todar Mal, made his submission and went with Hasan Beg to court. In the 41st year, however, he rebelled again, and Akbar appointed Mirza Rustam and Asaf Khan* to reduce the district; but as the commanders did not agree, Akbar recalled them and gave the command to Jagat Singh, son of Rája Mán Singh. Mau surrendered to him and peace was restored. In the 47th year, Bású rebelled a third time, and when an imperial corps was again despatched to Paithán he requested Prince Salím (Jahángir) to intercede on his behalf with the Emperor. He waited on the prince, and accompanied him, in the 49th year, to court. Before he had reached the capital, Akbar heard that Bású was with Salím, and ordered an officer to seize him. But Bású was informed of this and escaped to his hills.

1605 A. D. On the accession of Jahángir, in 1014 (A. D. 1605), Bású paid his respects and was appointed Rája and commander of 3,500. In the 6th year, he served in the Dakhan, and died two years later, in 1022. He was succeeded by his eldest son, Suraj Mal. He is said to have been so unruly that Bású, from fear, imprisoned him. Jahángir, after some hesitation, appointed him Rája and commander of 2,000, and left him in possession of his paternal estates. Suraj Mal served with Shaikh Faríd in the siege of Kángra; but when he saw that the fort was on the point of surrendering, he created disturbances in the camp, and Faríd reported him to court as a rebel. Suraj managed to obtain Prince Shah Jahán's intercession, and was pardoned. In the 11th year, Faríd died and Kángra still held out. Suraj then served with Shah Jahán in the Dakhan. The prince, on his return, was sent to Kángra and though it was not thought advisable that Suraj Mal should accompany him he was allowed to join the expedition and marched to Kángra with Shah Qulí Khán Muhammad, Taqi, Shah Jahán's Bakhshi. Shah Qulí was soon compelled to complain of Suraj Mal, but was recalled, and Rája Bikrámajít was sent in his stead. The time which elapsed before Bikrámajít could join his command was used by Suraj Mal for mischief. He allowed a large number of imperial soldiers to return to the jāgír on the plea that the war had lasted a long time and their outfit was bad, but told them to return when Bikrámajít should arrive. He then plundered the whole district at the foot of the hills, which was the jāgír of Núr Jahán's father, and when Sayyid Gaff Bárha opposed him with some of the troops that had not yet left, he killed him. Bikrámajít arrived in the end of the 13th year, and Suraj Mal tried in vain to gain his favour by flattery. He therefore openly attacked Bikrámajít, but was repulsed, and Mau and Núrpur, and the whole district, were occupied by the Imperialists. Suraj Mal fled to the hills and perished miserably soon after. Fort Kotla also, which lies between Núrpur and Kángra, was taken, and Mándhú Singh, brother of Suraj Mal, who commanded it, together with his son, was sent to court (A. H. 1028).

Rája Jagat Singh served under Jahángir in Bengal, and in the 13th year when Suraj Mal rebelled, the Emperor called him from Bengal, made him a commander of 1,000, with 500 horse, gave him the title of Rájá, and a present of 20,000 rupees, and sent him to Rájá Bikrámajít, who invested Kángra. By the end of Jahángir's reign, he had risen to a command of 3,000, with 2,000 horse.*

Under Sháh Jahán, Jagat Singh retained his mansab, and was in the 8th year appointed to Bangash, and two years later to Khábul, where he distinguished himself in the capture of Karúmdád, the son of Jalála the Taríkí, the Afghán rebel. In the 11th year of Sháh Jahán's reign, when 'Ali Mardán betrayed Qandahár to Sháh Jahán, and Sa'id Khán was sent from Khábul to repel the Persians, Jagat Singh commanded the haráwal, or vanguard. Arrived at Qandahár, Jagat Singh was ordered to conquer Zámín-i-Dáwar, and he afterwards accompanied the army to Bust, where he distinguished himself. In the 12th year of the reign, he paid his respects at Lahore, received several presents, and was appointed Faujdar of Upper and Lower Bangash. Whilst there, his son Rájruḍ rebelled, as will be seen from the following free translation from the Pádisháhnámah.

The Conquest of Mau and Núrpur under Sháh Jahán.

(Pádisháhnámah, Ed. Bibl. Indica, II, pp. 237ff.)

In the 12th year of Sháh Jahán's reign, when Sháh Jahan was at Lahore, he appointed Rájruḍ, eldest son of Rája Jagat Singh of Mau, Faujdar of the Dáman-i-Koh-i-Kángra and collector of the peshkash due by the various petty hill states. In the following year, when the Emperor was in Kashmir, Rájruḍ, who had acted in concert with his father in Bangash, rebelled, and Jagat Singh, through friends he had at court, expressed a feigned dissatisfaction at the misconduct of his son, and requested the Emperor to relieve him of his duties in Bangash and bestow upon him the office of his son. This would give him an opportunity of punishing Rájruḍ, and of collecting the peshkash, which he valued at four lakhs of rupees. The Emperor gladly accepted the offer; but no sooner had Jagat Singh arrived in his district than he made preparations for rebellion, trusting to the height of his hill forts and the impenetrability of the jungles. He fortified especially Tárágarh, with the view of making it an asylum in days of ill-luck.

When the news of his rebellious conduct reached the court, Sháh Jahán could scarcely believe it, and sent Kabrái Sundar to Mau to report on the truth of the rumour. Sundar had an interview with Jagat Singh, and, on his return to court, reported that the Rájá was sorry for his misbehaviour; he wished, however, to remain for a year in his district, and would send his son Rájruḍ to court to ask for pardon. The Emperor hesitated no longer, and appointed three corps to commence operations against Jagat Singh. The first

* For a biography of this excellent man, vide A'ir, translation, p. 413.
corps was placed under Sayyid Khan Jahán Bárha,* who was supported by Nazar Bahádúr Khweshágí; † Sháms-ud-dín, son of Zulfaqár Khán; Rája Amr Singh of Narwar; Sayyid Lutf Ali; Jalá-l-ud-dín Mahmúd; Ráo Dan Singh Bhadáuriáh; Mir Buzurj; Sarmast, son of Itímád Raí; and several other mansabdárs, Ahadís, both bowmen and matchlockmen, and zamíndárs troops. The second corps was commanded by Sa’íd Khan Bahádúr Zafarjáng, together with his sons and relations, Rája Raí Singh, Iltífát Khan Safáwí, Gokal Dáś Sísáudáhí, Raí Singh Jhálá, Kripávím, Nádi Ali, Chát Singh, with other mansabdárs and Ahadís both bowmen and matchlockmen, and Múshkí Beg, Bakhshí of Dárá Shikoh, with 1,000 horse of the Prince’s contingent. The third corps was under Asálát Khán, his brother AbdúlKáfí, Muhammad Amín and Muhammad Múmín, sons of Sháh Quli Khán, and other imperial mansabdárs, and Khúr-ru Beg, an officer in the employ of Yáman-ud-dáuláh (Asáf Khán Khánkháná́n, brother of Núr Jhán, and father of Muntúzív Maháll) with 1,000 horse of his contingent, and 500 horse belonging to Islám Khán under their Bakhshí. The whole was placed under the command of Prince Murád Bakhsh, who with Rája Jaisíngh, Raó Amr Singh, Jín-sípáár Khán, Akbar Quli Khán Súltán Gakk’hár, Harí Singh Ráthor, Chandrá Mán Bundeláh, Dáulát Khán Qiyámkhání, Raí Káshídá, Khízr Súltán Gakk’hár, and Khállí Beg with 700 Ahadís, Nábír Solangí, Bábá-i-Khweshágí, and other mansabdárs, was to move from Kábúl over Síálkot to Patánh.

On the 17th Jumádá I, 1051 (14th August 1641), the first two corps under Sayyid Khan Jahán and Sa’íd Khan assembled at Ráípúr and Bálhántínpúr, waiting for the arrival of the Prince; and Asálát Khán pushed on to Jammá, to collect the zamíndári troops of the district. When the Prince arrived, the whole army marched to Patánh. Khán Jahán and Sa’íd Khán had each received valuable presents from his Majesty before leaving; so had Asálát Khán, Raí Singh, Iltífát Khán, Nazar Bahádúr Khweshágí, Zulfaqár Khán, Sháms-ud-dín, son of Nazar Bahádúr, Rája Amr Singh of Narwar, Gokal Dáś Sísáudáhí, Raí Singh Jhálá, and others. One lakh of rupees was given to Khán Jahán as an advance. As reporter to Khán Jahán’s detachment Súltán Nazar was appointed, and Qází Nizámá to that of Bahádúr Khán.

Murád Bakhsh now appointed Sa’íd Khán, Rája Jai Singh, and Asálát Khan to invest Fort Mau, which lies 3 kos from Patánh, and remained himself in that town to collect supplies.

Khán Jahán on the 2nd Jumádá II (29th August, 1641) left Ráípúr, in order to march by the Baháwán Pass on Núpúr. At the foot of the pass, he came upon Ráíjúp. Khán Jahán appointed Najúbát Khán hárávád, who engaged Ráíjúp. The obstacles which had been set up at the foot of the pass were forced and Khán Jahán moved rapidly to Machhí Bháwan. The enemy had everywhere

* A’ín, translation, pp. 392, 394.
† Of Kásur, Lahore District.
blockaded the roads; but a native of the district shewed the Imperialists a path, which from its inaccessibility had not been obstructed. By this way the army arrived on the 14th Rájab (9th October, 1641) at the summit of a hill half a kos from Núrpur. The houses outside the fort were given up to pillage, and the army encamped at the foot of the Fort. The Fort, which was well provided with provisions and material, was garrisoned by about 2,000 mountaineers, mostly armed with matchlocks. Khán Jahán opened trenches and commenced the siege.

Sa'íd Khán had in the meantime marched by way of Mount Hárah, and Rája Jai Singh and Asílat Khán along the valley of the Chakki River, and both met at Mau. The army encamped near Rája Bású's villa, which lies on even ground, but it is joined by means of a hill with Mau itself. The roads were everywhere blockaded, and stone barricades with towers had been erected. The army could only advance slowly, and the soldiers had everywhere to cut trenches for protection against the fire of the enemy.

On the 17th Rájab (12th October), Quliq Khán and Rustam Khán joined the Prince at Pathán, bringing orders from Court that Quliq Khán should march to Mau, and Rustam Khán to Khán Jahán at Núrpur. Reports had, in the meantime, been received at Court from loyal Zamindárs of the district to say that the occupation of Rupar, which overlooks Mau, was necessary for the complete investment of Mau, and as Prince Murád Bakhsh reported the same orders were sent to Sa'íd Khán to move to Rupar. A portion of the troops at Núrpur under Najábat Khán as haráwal, Nazar Bahádur Khwésagí, Akbar Quli Sultáén Gakk'hár, and Rája Mán of Gwálíar, should join Sa'íd's corps. On the receipt of these orders, Sa'íd Khán, on Tuesday, 15th Sha'bán (9th November, 1641), broke up, marched along the Núrpur Pass, and halted in the neighbourhood of the Mau Mountain on the road to Rupar. He then sent his sons Sa'dullah and 'Abdullah with a detachment of men of his own contingent, and Imperial Rifles under Zulfaqár, from the right and the left, up the mountain, to fix upon a site for the camp. On reaching the height, they sent a report to Sa'íd that much jungle would have to be cut, if the whole army was to come up. They waited for further orders, when they were suddenly attacked by 4,000 or 5,000 matchlockmen and bowmen from a neighbouring hill. Sa'íd at once sent reinforcements under his son Lutfullah, and afterwards more under Shaikh Faríd and Sarandáz Khán. Before Lutfullah could join his brothers, he was attacked, and received a sword-wound in the right shoulder and a spear-wound in his left arm. He was with difficulty taken from the field by Khwájah 'Abdurráhman, son of 'Abdul 'Azíz Naqshbandí, as the enemy were just disabling the horse. Zulfaqár drove away the enemies who attacked him, and retreated to Sa'íd Khán, and soon after, Sa'dullah and 'Abdullah arrived likewise. Sa'íd Khán reached Rupar next day, cut down the jungle for the encampment, cut ditches, and set up hedges, to guard against night-attacks. The enemy now collected in large numbers round about, and continued to erect fences and
throw up obstacles of all sorts. Sa'id advanced slowly, cutting down the jungle; and on the 21st Sha'bán (15th November), the vanguard under Najábát Khán arrived at a pass in the neighbourhood of a hostile camp near Rája Bású's garden. The enemies were at once attacked, from one side by Zulfaqr with the Imperial artillery, and from the other by Núzar Bahádúr Khweshághi, Shaikh Fárid, Akbar Qlí Súltán Gakk'hár, Sarándáz Khán, and Rája Mán. A number of men of Najábát Khán's and Rája Mán's put boards on their heads instead of shields, rushed forward, and set fire to a wall made of poles and planks. Several were killed on both sides.

In the night before the 29th Sha'bán (22nd to 23rd November), Rája Mán sent about one hundred foot of his own native place to surprise Fort Chhat. They killed many enemies, who had left the Fort to oppose them, among them the commander. A portion of them occupied the Fort, the rest returned to Rája Mán.

During the day, a bastion (burj) of Fort Núpur, which Khán Jahan besieged, was blown up. This happened as follows. Zulfi A'húnzá and 'Aqa Hasan Rámí had laid seven mines in various directions. Six of them had been discovered by the besieged, who filled them with water. The seventh had been made from the trenches of Khán Jahan's men, and had been successfully carried forward to the bastion, a space of three yards only remaining undug to the very foundation of the bastion. Khán Jahan's son and his men, from fear that the besieged would detect the last mine too, filled it with powder, and sent word to Khán Jahan that the mine was ready. Khán Jahan, therefore, gave in the afternoon orders to the men of several trenches to be ready for an assault and to fire the mine. But as the mine was incomplete, one side only of the bastion blew up, whilst the other side sank to the ground. But the besieged had been cunning enough to erect behind each bastion a wall, which was joined with both ends to the outer wall of the Fort. This wall behind the blown-up bastion, remained uninjured, and no actual breach was effected; and Sayyid Lutf 'Alí and Jalaluddín Mahmúd, who had rushed forward with Khán Jahan's men, found the way closed, and called to the bídárs to throw down the wall. The besieged, thinking that the Imperialists had succeeded in effecting a breach, retreated to the Inner Fort, keeping up a destructive fire on Lutf 'Alí, who was shot in the hand. But unfortunately it got dark, and the storming party had to retire.

In the end of Sha'bán, Bahádúr Khán was ordered by his Majesty to move from Islampúr to Pathán, where he met the Prince with 3,000 horse and the same number of foot. On the last of Sha'bán (23rd November), Damtal (south of Pathánkot) was taken by Bahádúr Khán, and Tíhárí by Allah Wírd Khán. The Emperor also sent orders that Asálat Khán should hasten to Núpur and take part in the siege; and Sayyid Khán Jahan, Rustam Khán, and others, together with Bahádúr Khán as harával, should attack Mau by way of Ganga-thal; for when Mau was conquered, it would be easier to reduce Núpur. The Prince should leave Rao Amr Singh
and Mirza Hasan Safawi in Pathan, and march upon Mau, and encamp in the pass, where, in former days, 'Abdullah Khan Bahadur had encamped.

On the 1st Ramazan (24th November), the Prince left Pathan for Mau. Jagat Singh began now to doubt of success, and requested Allah Virdi Khan to beg the Prince to allow Rajpur an interview: the Imperial commanders, from envy and hatred towards him, had forced the war on him, and their only object was to rob and kill him and his people. As a Rajpoot, he had to defend his military honour; but, as the Prince had now himself, come, he wished to submit and send his son to settle affairs.

On the 5th Ramazan (28th November, 1641) Rajpur with a halter round his neck appeared before the Prince, who promised to intercede on Jagat Singh's behalf with his Majesty. But the Emperor, to whom the Prince sent a report, demanded an unconditional surrender, and Murad Bakhsh had to send Rajpur back.

Sayyid Khan Jahlan and Bahadur Khan were now sent by the Prince over Ganga-thal to Mau. They moved slowly forward cutting down the jungle, and drove away the enemy wherever they found them. When they approached strong barricades, they dug trenches, and thus succeeded in overcoming all obstacles. When they reached Mau, Jagat Singh, with the best men of his own clan, engaged them in sharp encounters for five days. Neither Bahadur Khan, nor Khan Jahlan, spared their men; in fact, the men of Bahadur Khan used the dead bodies of the slain to step over the trenches dug by the enemy. But during these five days, no less than 700 men of Bahadur Khan's contingent were killed and wounded, and the same number of the other corps. A large number of the enemies also "went to hell." All officers fought gallantly, Sayyid Khan Jahlan, Rustam Khan, and others, but especially Bahadur Khan, Sayyid Khan Jahlan's haráwal.

But as the war made slow progress his Majesty ordered that the attacks upon Mau should be vigorously continued at the place where Khan Jahlan and Bahadur Khan had fought, and the other corps should also attack and take the Fort by storm. On the morning of the 20th Ramazan, therefore (13th December, 1641), the Prince gave the Bakhshis of his own men the order to make a general assault, and sent word to Khan Jahlan and Sa'id Khan to commence the assault on their side. Sa'id Khan delayed, but Khan Jahlan faithfully rendered excellent service, and Rustam Khan and Bahadur Khan and many others distinguished themselves by their gallantry. They, from their side, and Raja Jai Singh, Qulij Khan, and Allah Virdi Khan, from the other side, were firmly resolved to take Mau by assault. Raja Jai Singh and Allah Virdi Khan from the valley, Qulij Khan from the left, and the others from the right, succeeded in passing through the jungle, and managed to reach the summit of the mountain. In consequence of the continued fights on the preceding days, Jagat Singh had been so weakened, that he
called in troops which he had posted to certain places to keep back the Imperialists; and Rája Jai Singh, Qulij Khán, and Allah Virdí Khán, who were nearest to Mau, found the ascent easy. The few men, that held the barricades opposite to them, could not offer serious resistance, whence it happened that they entered Mau before Khán Jahán and Bahádur Khán had come up. Jagat Singh had before taken his family and treasures to Tárágarh and had remained alone in Mau; but when he saw the luck and the success of his enemies, he took his sons and dependants who had escaped the sword, and fled.

Two days after (15th December, 1641), Asálat Khán reported to the Prince that the besieged in Núrpur, considering Jagat Singh's cause hopeless after the fall of Mau, had at midnight deserted the Fort, which was now in his possession.

On the 23rd Ramazán (16th December, 1641), the Prince sent Prithí Chaud, Zamíudár of Chambah, whose father had been killed by Jagat Singh, to court. Mau was left in charge of Rája Jai Singh; Tibáí was garrisoned by Qulij Khán; Dámtál by Gokaldás Sísaudiah; and Pathán by Mirza Hasán Safawi. A large detachment was told off to cut down the jungle and widen the roads in the neighbourhood of Mau.

The Prince then returned with Bahádur Khán and Asálat Khán to court, where he arrived six days later.

On the 1st Shawwádl (23rd December, 1641), the Prince received orders to bring Jagat Singh either a prisoner or dead to court. Prithí Chaud received the title of Rája and a mansab of 1,000, with 400 horse, and was ordered to return to Chambah, to collect his men, and to occupy a hill near Fort Tárágarh, the possession of which was necessary before the Fort could be taken. Tárágarh in fact belonged to Chambah; but Jagat Singh had taken it by force.

On 5th Shawwál (27th December, 1641), the Prince reached Núrpur with Sayyid Khán Jahán, and sent Sa'íd Khán with his sons to Jambú. Bahádur Khán and Asálat Khán with nearly 2,000 horse were sent to Tárágarh. Rája Mán Singh of Gwálhar,* the sworn enemy of Jagat Singh, joined Prithí Chaud, in order to attack Tárágarh from the rear.

Although the Fort was high, and difficult of access beyond all expectation, the Imperialists commenced the siege. Jagat Singh, seeing that he was vigorously attacked from all sides, was now sorry that he had rebelled against his Majesty, his benefactor, and addressed Sayyid Khán Jahán to intercede for him with the Prince. The Prince recommended him to the mercy of the Emperor. Tárágarh was to be handed over to the Imperialists, and was to be destroyed with the exception of certain houses which at Jagat Singh's request were to be left as dwelling places for his servants, and as

* This must be Kahhi (Biláspur). It is often so called by the Muhammadan historians.
store houses for his property. The fortifications of Mau and Núrpur were likewise to be levelled.

This was done. Jagat Singh invited Sayyid Khán Jahán to dismantle Tárágarh. The Sayyid then ordered his relation Sayyid Firúz to destroy the Sher Hájí bastion and other fortifications.

On Thursday evening, 19th Zil Hajjah (11th March, 1642), Jagat Singh paid his respects to the Prince. Najábat Khán was ordered to make a settlement for the whole district. Bahádur Khán and Ásálat Khán were left in Núrpur to dismantle the bastions, and the Prince with Sayyid Khán Jahán and Jagat Singh together with his sons went to court.

On the 25th Zil Hajjah, Jagat Singh and his sons, each with a fautah round the neck, were presented to his Majesty, who pardoned them.

On the 19th Muharram, 1052 (10th April, 1642), Rája Jagat Singh and Rajríp, his son, who escaped the fire of his Majesty's wrath, were re-appointed to their former rank and office. Soon after Jagat Singh went with Dárá Shikoh to Qandahár, and was made commandant of Kalát. In the 17th year of Shah Jahán's reign, Sa'íd Khán was made Governor of the Sábah and Jagat Singh, who could not agree with him, was sent with the army to Badakshán (1055), whither his son Rajríp accompanied him. He occupied Kášt, Saráb, and Indráb, and erected between the last two places a strong stockade with masonry towers, and successfully repelled the attack of the Uzbaks. Leaving a strong garrison in his stockade, Jagat Singh, in Ramzán 1055, returned to Panjšíh, bravely fighting on the road under heavy snowstorms. Ill-health compelled him to go to Pesháwar, where he died in the end of the same year (January, 1646).

Rajríp was made Rája, a commander of 1,500, with 1,000 horse, and was left in possession of his zamíndáris. But Murshid Qulí, the Faujdár of Damán-i-koh-i-Kángra, in the beginning of 1056, was ordered to take away Tárágarh. He did so, and Tárágarh was henceforth garrisoned by Imperialists.
APPENDIX II.


Nouns.

The declension of Kangri nouns is effected (except for the Agent case) as in Hindostani, by the addition of Postpositions to what may be called the "Formative" case of the noun. Thus Nominative Singular ghorā, horse; Formative Singular ghorē; Genitive Singular ghorē dā, &c.

The following is a scheme of the formative and nominative cases in the various declensions:

<table>
<thead>
<tr>
<th>Nom. Sing</th>
<th>Form. Sing</th>
<th>Nom. Pl</th>
<th>Form. Pl</th>
</tr>
</thead>
</table>

The genitive, as in Hindostani, agrees in gender and number with the object of the genitive, e.g., babbe dī bittī, the father's daughter, kudā jāta, whose son?

The following paradigm gives the four declensions in full:

<table>
<thead>
<tr>
<th>Singular—Masc. in ā</th>
<th>Other masc. nouns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horse.</td>
<td>Horse.</td>
</tr>
</tbody>
</table>
For ghare bich, in the house, ghareh (without bich) is very common.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Fem. in i.</th>
<th>Fem. in consonant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nom.</td>
<td>Daughter</td>
<td>Woman</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plural</th>
<th>Fem. in i.</th>
<th>Fem. in consonant</th>
</tr>
</thead>
</table>

Nān, name (masc.) has Form. nānēn, Gen. nānēn dā, &c.
Plur. Nom. Nān, Form. nānān, Gen. nānān dā, &c., so also girān, village, Gen. girān dā (or girāneh dā).
Gā, cow, has Form. gāj, Gen. gāj dā, &c., Agent gājān.
Plur. Nom. gāin, Form. gājān, Gen. gājān dā, Agent gājān.

**PRONOUNS.**

<table>
<thead>
<tr>
<th>Single</th>
<th>Plural</th>
</tr>
</thead>
</table>
| Nominative | Asān, "we,"
| Accusative | Aṃn, "me,"
| Dative | Aṃn te, "from us."
| Agent | Asān ān te, "from us."
| Ablative | Tumhārā "of you, yours."
| Genitive | Jūmārā "our, ours."
| Locative | Asān ān āpār, "on us."

The second Personal Pronoun in declined as follows:—

<table>
<thead>
<tr>
<th>Single</th>
<th>Plural</th>
</tr>
</thead>
</table>
| Nominative | Tūhā, "thou,"
| Dative | Tūhā jō, "you to"
| Accusative | Tūhā ān jō, "you to"
| Agent | Tūhā ān jō, "you to"
| Ablative | Tūhā ān āpār, "on us."
| Genitive | Jūmārā "our, ours."
| Locative | Asān ān āpār, "on us."

*This is like the Marwāri forms of Hindi, of Marwāri, "our, ours."
Notes on the Dialect

Kāngra District.

The Proximate Demonstrative Pronoun is declined as follows:

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nomina</strong></td>
<td><strong>Nominative</strong> Eh, &quot;these, they.&quot;</td>
</tr>
<tr>
<td><strong>Acus</strong></td>
<td><strong>Accusative</strong> Inhāṅ jo, &quot;these, to&quot;</td>
</tr>
<tr>
<td><strong>Dative</strong></td>
<td><strong>Dative</strong></td>
</tr>
<tr>
<td><strong>Agent</strong></td>
<td><strong>Agent</strong></td>
</tr>
<tr>
<td><strong>Abitive</strong></td>
<td><strong>Abitive</strong></td>
</tr>
<tr>
<td><strong>Locative</strong></td>
<td><strong>Locative</strong></td>
</tr>
</tbody>
</table>

**Example.**

Eh sach galānde je úsū jie narūsa mare.
They say this true, that the hopeful lives, the hopeless dies. — Kāngṛa Proverb.

The Interrogative Pronoun Kyū "what?" is declined as follows:

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nomina</strong></td>
<td>Kyū, &quot;what?&quot;</td>
</tr>
<tr>
<td><strong>Dative</strong></td>
<td>Kajo, &quot;for what?&quot;</td>
</tr>
<tr>
<td><strong>Accusative</strong></td>
<td>Kais te, &quot;from what?&quot;</td>
</tr>
<tr>
<td><strong>Abitive</strong></td>
<td>Kais, &quot;in what?&quot;</td>
</tr>
</tbody>
</table>

**Example.**

Rāṭī de hayākhye dā kyā phat pasā.
Janghāṅ dā nūṛ guāe Rām.
Of wandering on foot at night what fruit did you get?
You spoiled the splendour (literally, light) of your legs, "Oh Ram! — Marriage Song.

The Interrogative Pronoun Kuṅ "who?" is thus declined:

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominative</strong> Kuṅ, &quot;who?&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Dative</strong></td>
<td>Kuṅ jo, &quot;whom,&quot; &quot;to who?&quot;</td>
</tr>
<tr>
<td><strong>Accusative</strong></td>
<td>Kuṅ di, &quot;of whom?&quot;</td>
</tr>
<tr>
<td><strong>Ablative</strong></td>
<td>Kuṅ di, &quot;of whom?&quot;</td>
</tr>
<tr>
<td><strong>Agent</strong></td>
<td>Kuṅ, &quot;by whom?&quot;</td>
</tr>
<tr>
<td><strong>Genitive</strong></td>
<td>Kuṅ di, &quot;of whom?&quot;</td>
</tr>
<tr>
<td><strong>Locative</strong></td>
<td>Kuṅ, &quot;by whom?&quot;</td>
</tr>
</tbody>
</table>

**Example.**

Terā mungī dupatṭā kinnīū rangī dittā.
By whom was your green dupatta dyed? — Phūri chharjhāti
(Kāngra)

Remote Demonstrative Pronoun Oh "that," "she," "he," "it."

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominative</strong> Oh, &quot;he.&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Dative</strong> Unhāṅ jo, &quot;them, to them.&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Accusative</strong> Unhāṅ, &quot;by them.&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Agent</strong>  Unhāṅ, &quot;by them.&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Genitive</strong> Unhāṅ di, &quot;of them.&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Genitive</strong> Unhāṅ de, &quot;of them.&quot;</td>
<td></td>
</tr>
</tbody>
</table>
Kangra District. of the Kangra Valley. [Appendix II.

Corelative Pronoun Saih.

<table>
<thead>
<tr>
<th>Nominative</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saih, &quot;that, the same,&quot;</td>
<td>Saih.</td>
</tr>
<tr>
<td>Dative</td>
<td>Tinhán jo.</td>
</tr>
<tr>
<td>Accusative</td>
<td>Tinhán dá.</td>
</tr>
<tr>
<td>Agent</td>
<td>Tinhán di.</td>
</tr>
<tr>
<td>Genitive</td>
<td>Tinhán de.</td>
</tr>
</tbody>
</table>

Relative Pronoun Jo.

<table>
<thead>
<tr>
<th>Nominative</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jo, &quot;who, which.&quot;</td>
<td>Jo, &quot;who, which.&quot;</td>
</tr>
<tr>
<td>Dative</td>
<td>Jis jo, &quot;to whom, to whom.&quot;</td>
</tr>
<tr>
<td>Accusative</td>
<td>Jinhán, &quot;by whom.&quot;</td>
</tr>
<tr>
<td>Agent</td>
<td>Jinhán, &quot;by whom.&quot;</td>
</tr>
<tr>
<td>Genitive</td>
<td>Jinhán dá, &quot;of whom.&quot;</td>
</tr>
<tr>
<td>Ablative</td>
<td>Jinhán te, &quot;from whom.&quot;</td>
</tr>
</tbody>
</table>

Other pronouns are:

Koi, someone, anyone.
Kichchh, something, anything.
Je koi, whosoever.
Je kichchh, whatsoever.

Examples.

Saih apiiiid mdu dd bai-d lidlid hai.
He is a great darling of his mother.
Tis dí jinuná barí tariákí hai.
His wife is very quarrelsome.
Maiá bakil bhi kítta. tinhdn dhawwe mare, kichh uttar bhi tinhid nahi kítta.
I engaged a vakil. He consumed (my) money, (but) he did not even make any answer.
Jinhán masaddid dí bal, tinhdn bhare péru pal.
Those who have the assistance of the officials, have their grain receptacles (péru pal) full.
Jinhán jo, Rája, terá trán.
Those to whom, Oh Raja, is your help.
Tinhdn de ghar na khán na manjhe báñ.
To their houses is neither food nor strings for their beds.

Adjectives.

Adjectives used like nouns are declined like nouns. Adjectives qualifying nouns are not inflected unless the Nominative Singular Masculine end in á. When the Nominative Singular Masculine ends in á, the adjective is declined like nouns in á, the feminine being like nouns in í. This is contrary to the rule in Urdu, but in accordance with the rule in certain forms of Panjabi.

Khará admi, good man, Agent Kharei admién.
Kharí junás, good woman, Gen. Sing. Kharía júnásá dá.
A., Kharien júnáséi.
Bittiá diáh ghoráí dá, of the daughter's horses.
Comparison is made by means of the postposition te, as khará, good, is te khará, better than this, sabdhná te khará, better than all, best.
PRONOMINAL ADJECTIVES OF QUANTITY.

Itvá, so much or many (Demonstrative).
Títvá, so much or many (Correlative).
Jítvá, as much or many (Relative).
Kítvá, how much or many? (Interrogative).

PRONOMINAL ADJECTIVES OF KIND.

Idéhá, “such,” “like this” Hindi Aisí.
Tidehá, “such,” “like that,” “ Waisa.
Jidehá, “like which,” “as,” “ Jaisá.

EXAMPLES.

Idéhá guár kaí mere dikhne bich náh ásá.
No fool like this came within my experience (within my seeing).*
Saih sáhab kidehá hai.
What is that sahib like?
Jidehá agla tha tidehá hi hai.
As the former was like that exactly is he.


PRONOMINAL ADVERB OF MANNER.

Proximate Demonstrative.  Relative.
Tháh or ákháh “thus”  Jítháh or jíkháh; “as”
Correlative.  Interrogative.
Títhá “so”  Kítháh, “how?”

ADVERBS OF TIME.

Agáhán, “before,” (Hindi ágá), also ageáh.
Aj, “to-day,” as in Panjábí.
Kal, “to-morrow, yesterday.”
Parsón, “the day before yesterday, or the day after to-morrow.”
Chauth, “the fourth day past or future, counting to-day as the first day, to-morrow or yesterday as the second, &c.”
Panjauth, “the fifth day.”
Chhiáuth, “the sixth day.”
Pachácháhn, “after, afterwards.”
Phirí, “again.”
Bhágá, “in the morning.” Sanjhá, “in the evening.”
Bárambár, “repeatedly.”
Kádi, “sometimes, ever.”
Kádi ná, “never.”
Kádi kadáih, or kádi ná kádi, “sometimes, rarely.”
Nít, “continually, always.”
Pápi lak Patárié patthar Jínhán de chit.
Ang malává kádi kadáih, naíp malává nít.

* This would be in Gádi — inábá guár mere herne má ná á.
Such a fool came not within my seeing.

(Observe — “herne,” to see.
“má” for manj, in,
“á,” 3rd singular past tense of iná “to come,” = áyá.)

† Jándar or Jhándar is the term used by the Gáddís for the country not included in his country, Gadheran. [It literally means ‘cotton-clothed,’ i.e., the people not dressed in woollen garments like the Gáddís.]
The mountain people are wretches, whose hearts are stone. They join bodies rarely, they are always joining eyes.—*Song.*

**ADVERBS OF PLACE.**

_Nereï, “near.”
Dûr, “far.”
Pât, “over, across.”
_Uár, “this side,” úár-pâr, “on both sides.”
_Wâl, “to, towards.” Taksildâr’s wâl jâ; (jâh in Singular, jâ in plural) “go to the Taksildâr.”
_Parâhât, “on that side.” (Hindi—pere).
_Urihât, “on this side.” (Hindi—ure).
_Itthu tâei, “up to this.”
_Idhi tâei, “up to this.”
_Uppar, “up.”
_Bunh, heth, “down.”
_Audar, “within,” and bâhar, “without,” are as in Hindi.
_Agâhât, “before,” or aggeni.
_Pachâhât, “behind,” or pichchhei.
_Taithe, _Tahthî, “there”—(Gâdi).
_Taithi, Gaddi seite gallâ bâtâ kari.
There with a Gâdi I talked.—*Dharmasâla.*


**PRONOMINAL ADVERBS OF TIME.**

_Proximate Demonstrative Remote Demonstrative. Relative._
_Hâr, _hun, ibheh, “now,”_ _Jâklâ, “when.”
_Correlative._
_Tâhlâ, “then.”_ _Kâhlâ, “when?”

**PRONOMINAL ADVERBS OF PLACE.**

_Proximate Demonstrative. Remote Demonstrative. Relative._
_Correlative._
_Titthu, “there.”_ _Kuthu, “where?”
_Taithe, “there.”—(Gâdi)_

**OTHER ADVERBS.**

_Iddheh tâiheh, “for this reason.”_ _Satâbi, “quickly.”
_Hâh, “yes.”_ _Achchi laran, kharâ kari, “well.”

**PREPOSITIONS.**

The commonest have been given under the declension of nouns. Subjoined is a brief list of others. The same word is often both a preposition and an adverb. For convenience sake most of the constructions are given:

_Heth, “under.”
_Mindo bál or Balû, “beside me.”
_Mindo kane or maitû kane, “with me.”
Notes on the Dialect

Tsdeh tásh, "for him."
Tereh tásh, "about thee."
Assai siihi, "like us."
Tinháh bakhí, tinháh ból or balú, tinháh dés pásh, all mean towards them.
Tiste parant, "after it."
Tsdeh, chauhi pásh, "round about it."
Tussúh barshár, "equal to you."
Minjo te parant, maín parant, minjo bíná, "apart from me."

THE NUMERALS

<table>
<thead>
<tr>
<th>1</th>
<th>Ik.</th>
<th>17</th>
<th>Satárá.</th>
<th>32</th>
<th>Batrí.</th>
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<td>1,000</td>
<td>Házár.</td>
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<td>Sáith.</td>
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<td>67</td>
<td>Sáthi.</td>
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</tbody>
</table>

ORDINALS.

| 1st, | Páihlá. | 5th, | Panjáhá. |
|      | 2nd, Duwuúá. | 6th, | Chitthá. |
|      | 3rd, Trityá. | 7th, | Satúáí. |
|      | 4th, Chauhtúá. | 10th, | Dasúáí. |

50, Panjáhuáí.

For the thirties the forms with and without r are both used, thus, satatirái or satatí, thirty-seven.

It should be noticed that t and h in satátháar are pronounced separately. The word is not sa-tháthar but sat-háthar.

Other numerical forms are subjoined:

Ik bári, once.
Do bári, twice.
Páihlá bári, first time.
Trái guná, three-fold.
Dáss guná, ten-fold.
Addhá, half.
Páumé do, 1¼.
Sawá do, 2¼.
Dhúi, 2½.
Diddú, 1½.
Sátháhe chár, 4½.
Ik vao ½.
The chief conjunctions are—

Te, and.
Apan, but.
Je, if.
Bháen, although.

**THE VERB.**

**Auxiliary Verb.**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Main hai</td>
<td>Assán hai</td>
</tr>
<tr>
<td>Túi hai</td>
<td>Tussán hai</td>
</tr>
<tr>
<td>Saih hai</td>
<td>Saih hai</td>
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</table>

<table>
<thead>
<tr>
<th>Past</th>
<th>Plural</th>
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</thead>
<tbody>
<tr>
<td>Main thá (Fem. thí)</td>
<td>Assán thá</td>
</tr>
<tr>
<td>Túi thá (Fem. thí)</td>
<td>Tussán thá</td>
</tr>
<tr>
<td>Saih thá (Fem. thí)</td>
<td>Saih thá</td>
</tr>
</tbody>
</table>

The past thá, "was," is like Hindi.

*Aj mere boti kamáhn pichhe hi rahi gae han.*

To-day my *cook* servants have remained behind. *(Kángra).*

*Tussán aj kal kiá parhde han?*  
What are you reading nowadays?

*Ek Rájpút halke han.*  
These are low Rájpúts.—*(Kángra).*

**Pauná, full.**

**I.—Tenses derived from the Root.**

**Present Conditional.**

<table>
<thead>
<tr>
<th>Future</th>
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</thead>
<tbody>
<tr>
<td>Pauán.</td>
<td>Pauán or pauhn.</td>
</tr>
<tr>
<td>Pau.</td>
<td>Pauhn.</td>
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</table>

**I shall fall.**

<table>
<thead>
<tr>
<th>Imperative,</th>
<th>Plural</th>
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<tbody>
<tr>
<td>Pauñk, Fem. paungi</td>
<td>Pauñghe.</td>
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<td>Pauñk</td>
<td>Pauñghe.</td>
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<td>Pauñghe.</td>
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</table>

**Fall.**

<table>
<thead>
<tr>
<th>Plural</th>
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<tbody>
<tr>
<td>Pauñ.</td>
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</table>

**II.—Tenses derived from the Present Participle.**

**Indefinite or Past Conditional.**

**I fall or should fall.**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Paundá</td>
</tr>
<tr>
<td>Paundá</td>
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<tr>
<td>Paundá</td>
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</table>
### Present Indicative

<table>
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<td>Paunde han</td>
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### Imperfect

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<td>Paunde the</td>
</tr>
<tr>
<td>Paundá thé</td>
<td>Paunde the</td>
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<tr>
<td>Paundá thé</td>
<td>Paunde the</td>
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</tbody>
</table>

### Past Indicative

<table>
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<tr>
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<tbody>
<tr>
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<td>Paie, Fem. paiáá</td>
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<tr>
<td>Peá</td>
<td>Paie</td>
</tr>
<tr>
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<td>Paie</td>
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### Present Perfect

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<tbody>
<tr>
<td>Peá hai, Fem. pai hai</td>
<td>Paie hai</td>
</tr>
<tr>
<td>Peá hai</td>
<td>Paie hai</td>
</tr>
<tr>
<td>Peá hai</td>
<td>Paie hai</td>
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### Pluperfect

<table>
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<tbody>
<tr>
<td>Peá thé</td>
<td>Paie the</td>
</tr>
<tr>
<td>Peá thé</td>
<td>Paie the</td>
</tr>
<tr>
<td>Peá thé</td>
<td>Paie the</td>
</tr>
</tbody>
</table>

### Infinitive or Verbal Noun

- **Paundá**, falling.
- **Pauné dá**, of falling.

### Participles

- **Pauncá**, falling.
- **Peá**, fallen.
- **Paikári**, having fallen.
- **Paunde hi**, while falling.
- **Pauné bálá**, fallen, about to fall.
- **Pauné thá**, in the state of having fallen.

It will be sufficient if the main parts of other verbs are indicated.

**Hoáá**, be, become.

**Húnghá**, become.

**Ho**, become.

**Hunda**, being.

**Hočá**, been.

**Hoikári**, having been.

**Hundeñ hi**, while being.

**Hońe bálá**, one who is about to be.
Atá, go.

Present Conditional ... ... Atánan (3rd Plur. aulin).
Future ... ... Atáng há.
Imperative ... ... Atá.
Indefinite, Past Conditional Aunańá.
Past Indicative ... ... Añá, Fem. ái, Plur. áe, Fem. áiñáh.
Participle ... ... Añáñá, in the state of having come.

The others regular.

Jáñá, go.

Present Conditional ... ... Jáñá (2nd Plur. jáá, 3rd Plur. jáhn).
Future ... ... Jáñáng há.
Imperative ... ... Ján jáná.
Indefinite, Past Conditional Jándá.
Past Indicative ... ... Geá.
Participle ... ... Gehá, in the state of having gone.

Rainá, remain.

Present Conditional ... ... Rainán, | Rahie.
Future ... ... Rahing há.
Imperative ... ... Rah rehá.
Indefinite, Past Conditional Rainndá.
Past Indicative ... ... Rahá.
Participle ... ... Rehá, in the state of having remained. The e in this word is very long drawn out; distinguishing it from the rehá in the Present Conditional, the Imperative and the Past Indicative.

Baihá or Bainhá, sit.

Present Conditional ... Baihá, baithán.
Future ... ... Bainhghá, baithghá.
Imperative ... ... Bain baih.
Indefinite, Past Conditional Bainndá, baithndá.
Past Indicative ... ... Bainhá.

Transitive Verbs.

Mará, beat.

Present Conditional ... Mará, | Marie.
Future ... ... Maré, | Már or márn.
Imperative ... ... Maré, | Márn.
Indefinite, Past Conditional Marndá.
Past Indicative ... ... Main máreá.
Present Perfect ... ... Main máreá hai.
### Notes on the Dialect

**Pluperfect**
- Main mářē thā
- Tain mářē thā
- Tinun mářē thā

The rules for the agreement of mářē, mářē hai, mářē thā, with the object of the sentence are like those in Urdu or Panjábi.

**Participle**
- Márehā, in the state of having been beaten.

**Passive.**

The passive is formed by means of the verb jánā, go, used with the past participle, thus,

- Main mářē jánghā, I shall be beaten.
- Sain mári qei, she was beaten.

In the passive it generally has the sense of be killed.

**Indefinite, Past Conditional**
- Khándā.

**Past Indicative**
- Khádhā.

**Piyā,** drink.

**Indefinite, Past Conditional**
- Pindā.

**Past Indicative**
- Pítā.

**Deñā,** give.

**Indefinite, Past Conditional**
- Dindā.

**Future**
- Dingghā.

**Past Indicative**
- Dittā.

**Jainā,** take.

**Indefinite, Past Conditional**
- Laindā.

**Future**
- Laingghā.

**Past Indicative**
- Leā.

**GALAYA,** say, speak.

**Indefinite, Past Conditional**
- Galándā.

**Past Indicative**
- Galaiyā.

**KANNA,** do.

**Indefinite, Past Conditional**
- Kardā.

**Past Indicative**
- Kittā.

**JANYA,** know.

**Indefinite, Past Conditional**
- Jándā.

**Past Indicative**
- Jáneā.

**Lai unqā,** bring, lai jánā, take away are conjugated like unqā and jánā.

Habit, continuance and state are expressed as follows:

- Sain unqā kardā hai, he is in the habit of coming, saín chárā kardā hai, he is in the habit of grazing (transitive).
- Main dikkā rainndā hai, I continue looking.
- Main pauqā lagghā, I am in the act of falling.

**Sentences.**

1. **Terā nāh kyā hai?** What is thy name?
2. **Es ghore dī kyā umar hai?** What is the age of this horse?
3. *Itthu te Kashmir kitne dår hai?* From here how far is Kashmir.

4. *Tere badhe daiñ kitne puttë han?* In thy father's (house) how many sons are there?

5. *Main ajj bâri dûre te hanûthi áyâ.* I today from very far walking came.

6. *Mere cháche de puttre dâ bîâh tisdiâ baihûi kane hocâ hai.* My uncle's son’s marriage is with his sister.

7. *Ghâra bachehhe ghore dî kâthi hai.* In the house is the white horse’s saddle.

8. *Tisdiâ piñthi par kâthi pâi déâ.* On his back put the saddle.

9. *Main tisde puttre jo bâre korre mâře.* I beat his son many stripes goats on the top of the hill.

10. *Main ajj hari dure te bandhi dyd.* I today from very far walking came.

11. *Mere chûche de puttre ñâdd bidã trînhî kane hoed hai.* My uncle's son's marriage is with his sister.

12. *Ghare, haehchhe. Ghare d! lidthi, hai.* In the house is the white horse's saddle.

13. *Main tisde puttre ju bare korre ñâdd.* I beat his soul many stripes.

14. *Saih pahâre dî chojiâ par bakriâh chîrâ kardâ hai.* He grazes goats on the top of the hill.

15. *Main ajj bâri dûre te hanûthi áyâ.* I today from very far walking came.

16. *Saih tisdiâ apniâ baihûi te baddâ hai.* His brother is bigger than his sister.

17. *Tisddbhttu apniâ baihûi te baddâ hai.* His brother is bigger than his sister.

18. *Saih tisdiâ apniâ baihûi te baddâ hai.* His brother is bigger than his sister.

19. *Saih tisdiâ apniâ baihûi te baddâ hai.* His brother is bigger than his sister.

20. *Saih tisdiâ apniâ baihûi te baddâ hai.* His brother is bigger than his sister.

21. *Saih tisdiâ apniâ baihûi te baddâ hai.* His brother is bigger than his sister.

22. *Saih tisdiâ apniâ baihûi te baddâ hai.* His brother is bigger than his sister.

---

**SONGS.**

**MARRIAGE SONG.**

*Ráî de hanûthi ne jo chhaâddi deh, Káhná.*  
*Hoñ hocâ gharbári, Rámn.*  
*Agge thá, Káhná, hatû guâñû.*  
*Hoñ hocâ gharbári, Rámn.*  

Give up wandering at night, Oh Kahna!  
Now you have become a married man, Oh Rám!  
Before you were, Oh Kahna! a ploughman and a cowherd!  
Now you have become a married man, Oh Rám!  

*Maihrião dâ sang chhaâddi de tû Káhná.*  
*Huñ hocâ gharbári, Rámn.*  

Abandon, abandon the society of Gujar women, Kahna.  
Now you have become a married man! Oh Rám!  

*Maihri a Gujar and Maihri a Gujar-woman.*
KANGRA DISTRICT. [Notes on the Dialect [APPENDIX II.

Songs sung by women at weddings of Brahmans, Rájpúts and Khatris in Kángra—

Assa unh bachhái kiti kamarí;  
Kuram unh bakhooi sutranji ji;  
Tussa unh baha anqane.

We have spread black blankets,  
The opposite party in marriage (Kuram) have spread carpets;  
Come you and sit down in the courtyard.

[Note.—In marriage parties the bride’s family are “kúram” to the bridegroom’s party and the bridegroom’s party are “kúram” to the bride. There is no English word which expresses the relationship.]

Ki tussa unh mando thukph muchri,  
Ki tussa unh sori de bhukke the.  
Assa unh mando kurameh dia doriia,  
Lei chubhureh baithke the.

Question.—Do you want a morsel or a piece of bread,  
or are you hungry for the whole?

Answer.—We want the wife of the Kuram,  
The people took her and were sitting in the upper storey.

GENEROSITY. (Gádi).

Maali Saali sakke bhá,  
Thikria ri dhál bagni;  
Chalunde gíddar tine ló,  
Saali balandá bhujji kháni;  
Maali balandá kíni lissi hai;  
Kíni jo pujáni.

Máli and Sáli were two own brothers,  
They made a shield of bits of earthenware,  
They shot a running jackal with an arrow.

Saali says “Let’s eat it fried;”  
Máli says “The one-eyed woman is ill;”  
“Let’s take it to the one-eyed woman.”

Song on Rája Sansír Chand, Katach Rájpút of Kángra, marrying a pretty Gaddi woman whom he saw herding her cows—

(Dharmsála)—
Gádi cháre bakrián,  
Gaddan cháre gáin,  
Gharí kharje surrián,  
Binni khoi gáin,  
Her jánán ruí,  
Ráje Gaddan behi.

The Gaddi was grazing his goats;  
The Gaddi woman was grazing her cows;  
Her ghará was broken on the rocks,  
The cows ate the pad (worn between the head and the jar on it).  
Seeing her young face,  
The Rája married the Gaddan.
KANGRA DISTRICT. of the Kángra Valley.

JÁNDHAR SONG.

1. 

He.—Pussí, pussí,
Kájrí russí,
Láhulí géa manúá;
Chal pussí bhat khána.
Darling, darling,
Why art thou sulking.
A boy (son) has gone to pacify thee
Come, darling, eat thy rice.
She.—Jíne juráá,
Main nahíi aúuá.

2. 

Páńi náhií mukáí;
Tánd náhíí trúáí;
Sas náhií akháí
Je páńie jó jánáá.
The ball of wool never comes to an end,
The thread never breaks;
My mother-in-law never says
"Go for water."

SáHNú MALí'S SONG.

GADDÍ SONG—

(1). Sáhi, súhi pagri ná lááí,
(2). Málíá Sáhnáá bo!
(9). Mánkú áalale je líláí,
(4). Bhattí ri jhiñján mánjáí,
(5). Málíá Sáhnáá bo!
(6). Piíthí teri káterá khalrá?
(7). Láláa Tundeiá bo!
(8). Pete kaserá halará?
(9). Sáliáa Tundeiá bo!
(10). Pete máli-rá halará.
(11). Sáliáa Tundeiá bo!
(12). Kuqtí-rá théká ná lááí,
(13). Málíá Sáhnáá bo!
(14). Káláá, kálá dagúí ná táńá,
(15). Málíí Sáhnáá bo!
(16). Mánkhú áalale je hú thékedár,
(17). Málíá Sáhnáá bo!

(1). 'A red, red pagri do not put on,
(2). Oh Málí Sáhnáí!
(3). People will say you are a dyer;
(4). Bring rice of Bhati,
(5). Oh Málí Sáhnáí!
(6). Of what is the skin on your back (full) ?
(7). Oh Láá Tundei!
(8). In your womb whose child is there ?
(9). Oh Sáli Tundei!
(10). In your womb is Málí's child,
(11). Oh Sáli Tundei.
(12). Do not take the contract of Kugtí,
(13). Oh Málí Sáhnáí!
Notes.—(2), "Mali Sahnú," (7), "Lálá Tundeí," "Sáli Tundeí." Mali, Lálá and Sáli are the names of the persons. Sahnú and Tundeí are the names of their castes.

The wooing of Sambhá. (Gáđí).

1. Sambhá màrā mūhriyá dá náit!
2. Sambhá dherá (?) hoi lai, (?)
3. Dherá hoi lai bo merí ján!
4. Sambhá dherá hoi lai.
5. Káñaká rí réti, ghíú, dál,
6. Sambhá khái kari já,
7. Khái kari já bo merí ján!
8. Dohar dindí (?) bakhái.
9. Sambhá sói kari (?) já,
10. Soí kari já merí ján!
11. Sambhá sói kari já.
12. Káñá jiná (?), dorá (?) hachhá (?) chojá (?),

1. Oh Sambhú, my first dancer! (i.e., leader in a Gaddi dance.)
2. Oh Sambhú! be slow (i.e., stay here).
3. Be slow, my life!
4. Oh Sambhú! be slow.
5. Bread of wheat, ghi and dál,
6. Oh Sambhú! eat before you go: (literally "having eaten go.")
7. Eat before you go, my life!
8. I am spreading a shawl.
9. Oh Sambhú, sleep before you go: (literally "having slept go.")
10. Sleep before you go, my life!
11. Oh Sambhú! sleep before you go.
12. (With) a black like girdle (and) a white frock.
13. Oh mother! Sambhú has come.

Notes.—(1). "Hoi lai," "khái kari," and "soí kari," are the conjunctive participles from the verbs "hoñá," "kháñá" and "soná" respectively. In Hindi these forms would be "ho karke," "khá karke" and "so karke." (2). "Dherá" is the Hindi and Panjabi "dhírá" "slow" whence comes "dhíraj" "slowness," "dhírtái" "patience" and other derivatives. (3). "Káñaká." The a at the end of "káñak" is added to nouns ending in a consonant to prepare them for receiving the cases-affix rá. (4). "Dindí" is the present participle feminine from "dindá" "to give." (5). "Jiná" is the pronominal adjective of similarity and corresponds to "jaisá" in Hindi. (6). "Dorá" is the cord of black wool which the Gaddi winds round his waist. Gaddí women also wear it, and the "dorá" is used as a binder by women after childbirth.
(7). Hachhá means "white."

(8). "Chójá" is the capacious woollen frock worn by Gaddi men and women. It is secured round the waist by the "dorá." The "chójá" comes half down the thigh on men and to the ankles on women. The "dorá" round the waist makes a large body in the "chójá" above the waist. The body is called the "khokhá," and forms a receptacle for very miscellaneous articles, such as a number of newly born lambs, bread, or wool for spinning.

The Gaddi girl's choice of a husband.

1. Tá bujhrú jo ná dení cháchüa, dení, cháchüa.
2. Sajre chünde rand bholi ho.
3. Tá chákara jo ná dení, cháchüa, dení, cháchüa.
5. Tá dür-desí jo na dení, cháchüa, dení, cháchüa.
7. Tá rogi jo ná dení, cháchüa, dení, cháchüa,
8. Sajre chünde rand bhúchgháli ho.

1. To an old man do not give me, father, do not give me, father.
2. I shall be a widow while my hair is (still) freshly done.
3. To a servant do not give me, father, do not give me, father.
4. A call comes—He gets up and goes (and leaves me).
5. To one who lives far away do not give me father, do not give me, father.
6. To one who grazes a herd of cattle give me.
7. To a sick man do not give me, father, do not give me, father.
8. I shall become a widow while my hair is (still) freshly done.
9. To a herder of sheep give me, father, give me, father.
10. He will give me his pocket full of meat.
11. To a tender of sheep give me, father, give me, father.
12. He will give me a frock for my back.

Notes.—In translating this song all the "tás" and all the "hos" should be omitted. They are without meaning.

"Jo" in the first, third, fifth, sixth, seventh, ninth, eleventh and twelfth lines is the sign of the dative case.

"Chách" in Gáddí and "cháchá" in the valleys of Kangra is a common word for "father."

The meaning of the second and eighth lines is—"If you marry me to an old or a sick man I shall be a widow before my hair, which was done for my wedding, is ruffled," i.e., I shall be a widow before my wedding dress is worn out.

"Bhóli" in the second line is the feminine third person singular future, from "bhójá" "to be."

"Gorú" in the sixth line means a herd of horned cattle.

"Khokha" in the eighth line is the body of a Gaddi's frock which is made into a pocket by the frock being tightly bound at the waist with a woollen rope called "dorá" which passes several times round the waist. The "khokha" is used to carry miscellaneous articles. The wearer's dinner may be seen in it or even half a dozen new-born lambs or kids.
"Gáblí" in the eighth line is the feminine third person singular future, from "gáhá", "to go," "to become."

"Delá" in the twelfth line is third person singular future, from "dená" "to give."

**The Song of Raja Gopi Chand.**

1. Chanán chauki bo rúći ḥáρíyáñ Rájá Gopi Chand naháe.
2. Tá ammar bhalé bo aghání, chání borga, ḥándi bánd kátáuá áe.
3. Tá chhojje bo báští máñí Naín Banti náín bharí, bharí roe.
4. Tá ḥáhájí unárhúñ here lújá Gopi Chand, Tá máñá Naín Banti roe.
6. Tá náhní bo ditti, bétí, minón gáñí, ná bálle mande ból.
8. Tá na bo herá minión, bétí, mandi ḥákhrí, ná koi gáñíán dór.
9. Tá jainá káyáñ, bétí, terí, taisí bával ṭeré ri.
10. Tá jai bal máti ho gey húa bhasamání ri ḥeri.
11. Tá sikh deí, máñá, meri páiè umár káyáñ.
12. Tá jóg dhíyá Rájé Bhártarái, paí umár káyáñ.
13. Tá jóg bo dhíñá, máñá, mún, meri páiè umár káyáñ.
14. Tá jóg dhíyá Rájé Gopi Chande páí umár káyáñ.

1. On a seat of sandal-wood, with silver ewers, Rájá Gopi Chand was bathing.
2. "The heaven is clear like silver whence do the cold drops come?"
3. Sitting in the balcony his mother, Naín Banti, was weeping bitterly.
4. Then again Rájá Gopi Chand looked up. His mother Naín Banti was weeping.
5. He.—"Who gave, mother, to you abuse? Who spoke evil words?"
6. She.—"Neither was given, son, to me abuse: nor were spoken evil words."
7. He.—"Then who looked (at you), mother, with evil eyes? His eyes I will tear out."
8. She.—"No one looked at me, son, with evil eyes, nor gave me abuse.
9. "(I was thinking that) as your body is, so was your father's.
10. He was burned and became clay. He became a heap of ashes."
11. He.—"Then give me advice, mother, make my body immortal."
12. She.—"Rájá Bhártarái became an ascetic. He made his body immortal."
13. He.—I would become an ascetic, mother. I would make my body immortal.
14. So Rájá Gopi Chand became an ascetic. He made his body immortal.

**A Song.**

1. Níhtá dì táñ Jattí Lubáñú jo chhañí, chhañí puchháí.
2. Tám dúblá táñ kit gûñe hoí ho.
   (A Jattí of the plains chaffing, chaffing, asked Lubánú).
   She.—For what reason have you become lean?
3. Tá rú táñ bo tульú, bo górí, Jammúán dá hááí ho.
4. Tám dúde bo táñ tульú balí prít ho.
   He.—First, oh fair one, the Jammu revenue is deficient (i.e., I cannot pay the revenue).
   Secondly, the love of a girl is broken off (i.e., I have been jilted),
5. Tāḥ dhedḍā bāḷū dēnnī hāṅ Lubāṅūāṅ.
7. Tāḥ navīṅ navīṅ tānnī hāṅ prīṭ ho.

She.—I will give you my ear-rings and nose-ring, O Lubāṅūāṅ.
I will pay the Jammā revenue.
Then I give you new, new love.

8. Tā pahīle bo tāḥ hāḍe bo Lubāṅūāṅ dhedḍā bāḷū dēnnī hāṅ.

She.—Then at the first instalment, Lubāṅūāṅ, I will give my ear-
rings and nose-ring.
And at the second instalment the forehead chain.

10. Tā ammā bājhūṅ raihnnī hāṅ, Lubāṅūāṅ.
12. Tuddh bājhūṅ dhūṅ bo madhāṇī ho.

She.—Then I will remain without mother, Lubāṅūāṅ and I will remain without father.
Without thee I am silent (i.e., sad).
(This song is incomplete).

A Song.* (Gāḍī).

Uchī, uchī mahīṅā merā sī ṭhāṅār sonḍā;
Rāḍhā bāṅā jhulāṅdī hā.
Krishna.—Tā tū kajō ruṭhī ruṭhī merī Rukmanī Rāḍhā;
Tuddh bin nīṇdār na aundī hā.
Rāḍhā.—Tā dāranīṅā mochnū, jīṛhāṅā mochnū;
Mū gorī mochnū nahīṅ hā.
Krishna.—Tā tū mat ruṭhīṅ, ruṭhīṅ merī Rukmanī Rāḍhā;
Rāḍhā jo mochnū lei dennā hāṅ.
On a high, high eminence my Lord God is sleeping;
Rāḍhā is fanning a breeze.

Krishna.—Why are you pouting, pouting, my Rukmanī Rāḍhā?
Without you sleep does not come.
Rāḍhā.—My younger sisters-in-law (have) shoes, my elder sisters-in-
law (have) shoes;
I fair-complexioned (have) no shoes.
(To me fair is no shoe, literally).
Krishna.—Do not pout, pout, my Rukmanī Rāḍhā!
To Rāḍhā I will give shoes.

A Ditty.

Khasam mare ... ... ... If a husband die.
Dal bal kare ... ... ... One may wander to and fro (in search of another).
Yār mare ... ... ... If a lover die.
Kīhāṅ jīnā ... ... ... How can one live?
Khīṅ ṭuṭṭe ... ... ... If a blanket is torn,
Ṭallī pāṅē ... ... ... Put on a patch.
Ambār ṭuṭṭe ... ... ... If heaven splits.
Kīhāṅ sinā ... ... ... How can one sew it?

Song is incomplete.
APPENDIX III.


Nouns.

The declension of Gádi nouns is effected (except for the agent case), as in Hindostání, by the addition of postpositions to what may be called the “formative” case of the noun. Thus **Nominative Singular** khandá (a flock), **Formative Singular** khande; **Genitive Singular** khande rá, &c.

The following is a scheme of the formative cases in the various declensions, showing also the nominatives plural:

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>I. — Masc. in a</td>
<td>Khandá</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
</tr>
<tr>
<td>II. — in u</td>
<td>Gobhrú</td>
<td>Gobhrú</td>
<td>Gobhrú</td>
<td>Gobhrú</td>
</tr>
<tr>
<td>III. — in a consonant</td>
<td>Ghar</td>
<td>Ghará</td>
<td>Ghar</td>
<td>Ghará</td>
</tr>
<tr>
<td>IV. — Fem. in a</td>
<td>Biárí</td>
<td>Biárí</td>
<td>Biárí</td>
<td>Biárí</td>
</tr>
<tr>
<td>V. — i</td>
<td>Ijjí</td>
<td>Ijjí</td>
<td>Ijjí</td>
<td>Ijjí</td>
</tr>
<tr>
<td>VI. — o</td>
<td>Khakho</td>
<td>Khakho</td>
<td>Khakho</td>
<td>Khakho</td>
</tr>
</tbody>
</table>

The following gives the postpositions which form the various cases with their Hindostání equivalents:

<table>
<thead>
<tr>
<th></th>
<th>Hindostání</th>
<th>Gádi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agent</td>
<td>...</td>
<td>Ká</td>
</tr>
<tr>
<td>Genitive</td>
<td>...</td>
<td>Ká (adjective agreeing with the substantive).</td>
</tr>
<tr>
<td>Dat. and Acc.</td>
<td>Ko</td>
<td>Ká</td>
</tr>
<tr>
<td>Locative</td>
<td>Men</td>
<td>Manj or mán.</td>
</tr>
<tr>
<td>Ablative</td>
<td>Ña</td>
<td>Tham</td>
</tr>
</tbody>
</table>

The genitive is as in Hindostání: an adjective agreeing in gender and number with the subject or object of the genitive, e.g. khande rážbhédá, a sheep of a flock; khande rá málikná, the proprietress of a flock.
The other postpositions are, as in Hindostani, indeclinable.

The following paradigm gives the six declensions in full:

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mas. in s.</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
</tr>
<tr>
<td>Mas. in q.</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
</tr>
<tr>
<td>Mas. in a</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
</tr>
<tr>
<td>Mas. in u.</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
</tr>
<tr>
<td>Mas. in l.</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
</tr>
<tr>
<td>Mas. in n.</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
<td>Khande</td>
</tr>
</tbody>
</table>
EXCEPTIONS.—The Locative.

3rd declension; locative formed by adding e to nominative:—

She. Main bo ghare sa kalihári ho.
He. Tá teri bo tá sassá jo, gore, charkhá le delá ho.

Baithi bo tán katan kátáe ho.

She. To me at home there is a cross mother-in-law.
He. Then to your mother-in-law, Fair one! I will give a spinning
Let her sit and mind her spinning.

EXAMPLES:—

1st declension:—Masc. in á.

Nom. Sing. Mere bháí male ak khandá há.
          My brother has a flock.
Gen. Sing. Ih bheégdií mère bürhe-re khande-re há.
          This sheep belongs to (lit. is of) my father’s flock.
          Ih khande-rí málíkní kasrí há.
          The owner of the flock is ill.
Dat. Acc. Sing. Aun khande jô ak cuttar pálnu húń.
          I bring up a dog to guard (lit. for) the flock.
Agent Sing. Aun khande lurhái dittá thú.
          I was thrown down by a flock.
Loc. Sing. Gaddí khande manj kharúrá rahnda thú.
          The shepherd was standing in his flock.
Abl. Sing. So khande thau n ghará jô á há.
          He has come from the flock to his house.
Voc. Sing. Ai khande mat nakhí gachchh!
          Oh flock, don’t run away!
Nom. Pl. Mere bháí male khande hin.
          My brother has flocks.
Gen. Pl. Ih bheégdií mère bürhe-re khande-re hin.
          These sheep belong to (lit. are of) my father’s flock.
          Isáu khande-rí málíkní kasrí hí.
          The owner of the flocks is ill.
Dat. Acc. Pl. Aun khande jô ak cuttar pálnu húń.
          I bring up a dog to guard (lit. for) the flocks.
Agent Pl. Aun khande lurhái dittá thú.
          I was thrown down by the flocks.
Loc. Pl. Gaddí khande manj kharúrá rahnda thá.
          The shepherd was standing in his flocks.
Abl. Pl. So khande thau n ghará jô á há.
          He has come from the flocks to his house.
Voc. Pl. Ai khandio mat nakhí gachchhá!
          Oh flocks, don’t run away!

Exception:—Fem. in á.

Aun bujhnúń barkhá na bhone ré.
I think there will be no rain.

2nd declension:—Masc. in ú.

Nom. Sing. Ak gobhýrá madarse jo gáhúdá há.
          A young man goes to school.
Gen. Sing. Ise gobhú-ú rá bürhá gyáñí há.
          The young man’s father is wise.
          Ise gobhú-rí kalam kharí há.
          The young man’s pen is good.
          Bálú rá laskandá súńá.
          The gold of the nose-ring sparkles.” Song.
Dat. Acc. Sing. Gurúe ak kitáb gobhrú jo dittá.
The teacher has given a book to a young man.

Agent Sing. Tinó gobhrúe minjo khabar ditti.
The news was given me by that young man.

Loc. Sing. Gobhrú (manj or máñ) barí akl há.
There is much wisdom in the young man.

Abl. Sing. Mein tis gobhrú thanú kharí gal khuní.
I have heard good words from that young man.

Voc. Sing. Ai gobhrúá rázi haíni.
Oh young man art thou happy.

Ráti ha ráti jña chhádí díne, chhóruá.
Pich tá haun lúrhlí ghorí, jinde Khojáá.
"Give up coming and going every night, Oh boy!"
"From behind a great rock will fall (on you), dear Khojáá!"

Song of Khojáá.

Lúrhlí “will roll down” is third singular feminine future from Lúrhná “to roll down.”

Young men go to school.

The young men’s father is wise.

The teacher has given books to the young men.

Agent Pl. Tíyyëñ gobhrúe munjo khabar ditti.
The news was given me by young men.

Loc. Pl. Tíyyëñ gobhrúe munjo khabar ditti.
The news was given me by young men.

I have heard good words from those young men.

Voc. Pl. Ai gobhrúo rázi bhoä!
Oh young men be happy!

Dative. Tá jaŋgřú jo deli suthañá, dholá apne jo.
‘Then for his thighs I will give trousers to my lover.’

Song of a woman equipping her lover
for crossing a mountain pass.

Bhera re puhálñá jo deñi, cháchiáa, deñi cháchiáa.
Pití!t jo delá cholá ho.

“To a herder of sheep give me, Father! give me, Father!
For my back he will give a coat.

Song of a woman on the choice of a husband.

“Delí” is the third person singular feminine and “delá” is the third person singular masculine of the future tense from dená “to give.” Delí ‘I will give.’ Delá He will give.

3rd declension:—Masc. in a consonant.

Kuse taríke tusilá wích hájar bhoná (Nagrota)?
On what date am I to be present in the tahsil?

Nom. Sing. Merá ghar taul thanú chofir kroh há.
My house is four miles from here.
The Gaddi Dialect.

Gen. Sing. Gharā rá mālik Kulú jo chalego há.
The owner of the house has gone to Kullu.
Gharā rī māliknī jo ak charkhā de.
Give the mistress of the house a spinning wheel.

Dat. Acc. Sing. Iḥ bat gharā jo gāhunde há.
This road leads to a house.

Loc. Pl. Jīyan ghāre gāhā pōdā há tiyān manj bārī
taulī āg lāgandi há.
Fire is easily caught by houses which are roofed with grass.

Loc. Sing. Gharā manj (or mān) chul āte gharā āte loṭe āte thālī āhin.
In a house are a fire-place and water-jars and brass vessels and dishes.

Abl. Sing. Mere gharā thaun Shahpur ak parā há.
It is one stage from my house to Shahpur.

Voc. Sing. Ai gharā mat dhāeṇ!
“Oh house do not fall!”

4th declension: — Fem. in a consonant.

Nom. Sing. Biār jhulū karinde há.
The wind is blowing.
The power of wind is great.
Biārī-ḹī chheرح kannā jo ṯaunē kare dindī há.
The noise of the wind is deafening.

Dat. Acc. Sing. Biārī jo rukhe de!
Shut out the wind! (lit. to the wind).

Agent Sing. Biārī sab khail bhanī ditte āhin.
The slates are broken by the wind.

Loc. Sing. Biārī manj (or mān) mat gāchen na ta kasrī bhūch gāhla.
Do not go into the wind or else you will get ill.

abl. Sing. Biārī thaun pichede bho.
Get away from the wind.

Voc. Sing. Ai biārī merī kanakā jo kharāb mat kar!
Oh wind do not spoil my wheat!
Faslā rá bēlā aicḥ rehū há.
The time of the harvest having come has continued.

5th declension: — Fem. in ā.

Nom. Sing. Ijjī apne nikke jo pyār karēndī há.
A mother loves her child.
The son is feeding his mother’s sheep.
So apnī ijjī-ṝī kītāb parṭhendē há.
She is reading her mother’s book.

The old man gave a veil to his mother.

Agent Sing. Ib paṭṭā userī ijjī bauānū há.
This woollen stuff has been woven by his mother.

Loc. Sing. Ijjī manj (or mān) dāh mate há.
There is much love in a mother.

abl. Sing. Main apnī ijjī thaun rupeyya leṭ há.
I got money from my mother.

Voc. Sing. Ai ijjī or Ai ijjīe riso kar!
Oh mother I cook food!

Nom. Pl. Ijjī appe nikke jo piyār karū karēndī há.
Mothers love their children.
Puttar ijjí-re bherá chará karande hin. The sons are feeding their mother’s sheep.
So appí ijjí-ri kitába parhándi há. She is reading her mother’s books.

Bórhe únúri ijjí jo ghunária ańi dittá há. The old men gave veils to their mothers.

Ih pāttú Únúri ijjí bańá há. This woollen stuff has been woven by their mothers.

Ijjí manj (or márón) dáñ màte há. There is much love in mothers.
Ih dín userí khakhoe baddhe bin. This rice has been cut by his mother-in-law.

Userí khakho manj (or márón) bańá dharm há. There is much good in her mother-in-law.
Ahl. Sing. Meri bhání apni khakhó thanní apne márón háy-báñá re gharé gich pují há.
My sister has come from her mother-in-law into her parent’s house again.

Oh mothers cook food!

6th declension:—Fem. in o.

Khakho apni nakhá jo sinú sárándí há.
A mother-in-law is teaching her daughter-in-law how to sew.

Userí khakhó ré gá nakhí gei há. Her mother-in-law’s house is far away.

Mere bhái khakhó jo ak bhair bakshish dittí há.
My brother has given a sheep to his mother-in-law.

Ih dín userí khakhoe baddhe bin. This rice has been cut by his mother-in-law.

Userí khakho manj (or márón) bańá dharm há. There is much good in her mother-in-law.

Mere bhái únúri khakhó jo dáñ bhaira bakshish dittí há.
My brothers have given two sheep to their mothers-in-law.

Userí khakhó-re ghar dár há. The houses of their mothers-in-law are far away.

Únúri khakhó-re gá nakhí gei há. The cows of their mothers-in-law have run away.

Mere bhái únúri khakhó jo dáñ bhaira bakshish dittí há.
My sisters have come from their mothers-in-law into their parent’s house again.

Oh mothers-in-law speak gently to your sons-in-law.
Agent Sing. Meri khakhoie ih kam karú há.
By my mother-in-law this deed was done.

Nom. Pl. Meri khakhois ghará geí.
My mothers-in-law went home.

Agent Pl. Meri khakhois meri janání bigápi ditti há
My mother-in-law has ruined my wife.

POST POSITIONS.
The following require the nouns which they govern to have the genitive with re:—

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Agge,</td>
<td>before.</td>
<td>Tale,</td>
</tr>
<tr>
<td>Andar,</td>
<td>in.</td>
<td>Sámhne,</td>
</tr>
<tr>
<td>Uppar,</td>
<td>above.</td>
<td>Paithle,</td>
</tr>
<tr>
<td>Báhar,</td>
<td>outside.</td>
<td>*Marûre,</td>
</tr>
<tr>
<td>Bâte,</td>
<td>in place of.</td>
<td></td>
</tr>
<tr>
<td>Tán, táen, for, on account of,</td>
<td>*Mela,</td>
<td>conformable to.</td>
</tr>
<tr>
<td>Parant</td>
<td>after.</td>
<td></td>
</tr>
</tbody>
</table>

The following do not require re, but require the noun they govern to be in the formative case:—

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bin,</td>
<td>without.</td>
<td>Pichhore or picchháre</td>
</tr>
<tr>
<td>Manj }</td>
<td>ia or among.</td>
<td>Sáhi,</td>
</tr>
<tr>
<td>} Mán</td>
<td>beyond.</td>
<td>Bunh,</td>
</tr>
<tr>
<td>Pár</td>
<td>with.</td>
<td>Malle</td>
</tr>
<tr>
<td>Seité,</td>
<td>with.</td>
<td></td>
</tr>
</tbody>
</table>

Majat or márfat (by help of) is feminine as Ih kam teri majat bhúa.

Examples.

Tudh lí nindar na indí ha.
Without you sleep comes not.

Hađti kajo á thú? Líúmah tamákú re táen á thú. Dharmásála Gádi.
For what had you come to the shop? For salt and tobacco I had come.

Méli herú táen re bál bachche malle koi arékhi párékhi nabhín gáhnde.
I saw to his children no neighbours go.

Herú is singular past tense of herñá, to see; malle, to, towards,
Urdu pás.

Gáhnde present tense of gáhñá, to go.

Auñ Muhánë malle thú tinní roñi kháñe jo no balú.
I was with Mohan. He did not invite me to eat food; literally, did not say to eat bread.

Balú 3rd singular past tense from balñá to say, to speak, e.g., Urdu belnó.

FIRST PERSONAL PRONOUN.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Gen.</td>
<td>Múñá.</td>
<td></td>
</tr>
<tr>
<td>Dat.</td>
<td>Munjo, mágo,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>múñhúñ, múñ.</td>
<td></td>
</tr>
<tr>
<td>Acc.</td>
<td>Munjo, múñhúñ, múñ.</td>
<td></td>
</tr>
<tr>
<td>Abl.</td>
<td>Múñ tháun.</td>
<td>Asse thanú.</td>
</tr>
<tr>
<td>Form.</td>
<td>Meïñ, múñ, ma.</td>
<td>Asse.</td>
</tr>
</tbody>
</table>
Examples—

Nom. Anú na puṭande āpñe jo.
I do not pull out my own. Song.
Múñ jotá re raste Kuarkhí jo gáhná. (Gadheran).
I am going to Kuarsi by way of the passes.

Dat. Munjo sarm āndi.
To me skame comes. I am ashamed.
Diráníú bálú, jitháüiáü bálú,
Múñ gorí bálú nahi há (or mágo bálú na hā, in another version).
My younger sisters-in-law (have) nose-rings, my elder sisters-
in-law (have) nose-rings. To me (though I am fair) is no
nose-ring.
Má go chōur khau bhairá hín.
With me are 400 sheep.
Má go manhú bheji de.
Send men to me.
Múnhúh or múñ dote khorairi jo gáhná hā.
To-morrow to me is to go (I have to go) to my father-in-law’s
house.
Munhúh khako malle gáhná.
I must go to my mother-in-law.

* There is in Kāngri a dative moge, to me, as in—

Moge tis-rá patta nehin. I have no news of him (Dharmsāla.)

Agent. Meůn khunh há so Láhor go thú.
I have heard he had gone to Lahore. (Song.)

“Khunhú” is the past participle of khunhú “to hear”; “há” is the
third person singular present tense of the auxiliary verb. “So” is the
third personal pronoun. “Go” is the past participle of “gáhná” “to go;”
“Thú” is the third person singular past tense of the auxiliary verb.

Nom. plural. Asse chōur bhái húñ.
We are four brothers.

Examples of the plural of the first personal pronoun are rare; heard
in the country talk unless it is necessary to lay stress on the number.
In conversation the singular seems generally to do duty for the plural.

THE SECOND PERSONAL PRONOUN.

Singular. Plural.

Nom. Tá. Tusse, tussán.
Gen. Terá, terí, tere. Túndá, túndí, túnde.
Dat. Tujjo, túdo. {Tussú jo.
Acc. Tujjo, tuddh.
Agent. Taín.
Loc. Tuddh manje. Tussú manje.
Abl. Tuddh thauní. Tussú thauní.
Form. Tuddh, tá. Tusso.
### EXAMPLES—

Teri bhed rá nání kao há? Chitari.

_Qu._ What is the name of your sheep? _Ans._ "Spot."

Chhoráá, tujjo lárau rikhu khálí, júde Khojú.

_Bw!_ a she bear with cubs (láráu) will eat you, dear Khojú!

Lok tá thrauname nání tudhí karni mátrí.

People then suspect me and you of making love.

Táin sádáá. Tú áí, júde Khojú!

You called me. Then I came, dear Khojú!

Tá go kétí tálahar gorú há?

With thee how many head of cattle are there? _i.e._ How many head of cattle hast thou.

Tuddhí bin mídar ná aundi há.

Without you sleep does not come.

Tussu thanú méin kágház mángú thú.

From you I had asked for paper.

Tuddhí suite méin balú thú.

To thee I had said.

Dote aání tá go na há.

To-morrow I to you will not come.

### THE PRONOUN OF THE THIRD PERSON.

<table>
<thead>
<tr>
<th></th>
<th>Singular</th>
<th></th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nom.</strong></td>
<td>Uh, so.</td>
<td></td>
<td>So.</td>
</tr>
<tr>
<td><strong>Gen.</strong></td>
<td>Userá, useri, usere.</td>
<td></td>
<td>Uáúrá, uáúrí, uáúre.</td>
</tr>
<tr>
<td><strong>Dat.</strong></td>
<td>Usjo.</td>
<td></td>
<td>Uáí jo.</td>
</tr>
<tr>
<td><strong>Acc.</strong></td>
<td>Uní.</td>
<td></td>
<td>Uíyen.</td>
</tr>
<tr>
<td><strong>Agent.</strong></td>
<td>Us manj.</td>
<td></td>
<td>Uáín manj.</td>
</tr>
<tr>
<td><strong>Loc.</strong></td>
<td>Us thauñ.</td>
<td></td>
<td>Uáín thauñ.</td>
</tr>
<tr>
<td><strong>Abl.</strong></td>
<td>Us.</td>
<td></td>
<td>Uáín.</td>
</tr>
</tbody>
</table>

_Uh_ is indefinite, any "he."

_So_ is definite, some "he" who is known to the speaker, "Tás" and "tís" are also used for the formative of _uh_ and _so_.

### THE NEAR DEMONSTRATIVE PRONOUN.

<table>
<thead>
<tr>
<th></th>
<th>Singular</th>
<th></th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nom.</strong></td>
<td>LH.</td>
<td></td>
<td>LH.</td>
</tr>
<tr>
<td><strong>Gen.</strong></td>
<td>Ise-rá, iše-rí, iše-re.</td>
<td></td>
<td>Iáñ-ra, iáñ-rí, iáñ-re.</td>
</tr>
<tr>
<td><strong>Dat.</strong></td>
<td>Is jo.</td>
<td></td>
<td>Iáñ jo.</td>
</tr>
<tr>
<td><strong>Acc.</strong></td>
<td>Inní.</td>
<td></td>
<td>Iyyeí.</td>
</tr>
<tr>
<td><strong>Agent.</strong></td>
<td>Is manj.</td>
<td></td>
<td>Iáñ manj.</td>
</tr>
<tr>
<td><strong>Loc.</strong></td>
<td>Is thauñ.</td>
<td></td>
<td>Iáñ thauñ.</td>
</tr>
<tr>
<td><strong>Abl.</strong></td>
<td>Is.</td>
<td></td>
<td>Iáñ.</td>
</tr>
</tbody>
</table>

### THE REMOTE DEMONSTRATIVE PRONOUN.

<table>
<thead>
<tr>
<th></th>
<th>Singular</th>
<th></th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nom.</strong></td>
<td>So.</td>
<td></td>
<td>So.</td>
</tr>
<tr>
<td><strong>Dat.</strong></td>
<td>Tís jo.</td>
<td></td>
<td>Tíáñ-jo.</td>
</tr>
<tr>
<td><strong>Acc.</strong></td>
<td>Tínní.</td>
<td></td>
<td>Tíyyeí.</td>
</tr>
<tr>
<td><strong>Agent.</strong></td>
<td>Tís manj.</td>
<td></td>
<td>Tíáñ manj.</td>
</tr>
<tr>
<td><strong>Loc.</strong></td>
<td>Tís thauñ.</td>
<td></td>
<td>Tíáñ thauñ.</td>
</tr>
<tr>
<td><strong>Abl.</strong></td>
<td>Tís, tísá.</td>
<td></td>
<td>Tíáñ.</td>
</tr>
</tbody>
</table>
Examples—
Jasení khairí, tiserí niáhi.
Jinní bari tinní báňi.
The spring crop belongs to that man to whom the autumn crop belongs.
That man marries (the girl) who betrothed her.
"Khairí" is the autumn or Kharif harvest. "Niáhi" is the spring or Rabi crop.

Formative Singular.
Terá man těssá seite kajo lagúrá há?
Why is your heart attracted to that (girl)?

Agent Singular.
Tinní múň seite jorá jatapí kari.
He did violence with me. (Kungra).

Formative Plural.
Tú kajo koďá jo gáhndú háń.
Mera nátá gótá chhúre háń. Tián seite milñá gáhndú háń.

Qn. Why are you going to the fair?
Ans. My betrothed and her relations have come. I am going to meet them.

THE RELATIVE PRONOUN.
Singular. Plural.
Dat. } Jas-jo. Jiaň-jo.
Aсe. } Jinni. Jiyéeñ.

Example of the Singular Agent Case.
Jinní bari tinní báňi.
He by whom she was betrothed, married her. Proverb.

THE INTERROGATIVE PRONOUN.
Singular. Plural.
Nom. Kuň? Kán?
Gen. Kase-cá, kase-ri, kase-re? Kiáň-ra, kiáň-ri, kiáň-re?
Dat. } Kas-jo? Kiáň-jo?
Aсe. } Kuni? Kiyyeeñ?
Agent. Kuni? Kiáň manj?
Abl. Kas thauń? Kiáň.
Form. Kas? Kiáň.

Examples—Singular Agent.
Tá kuňi hi ditti, mátá, tujjo gàliján? Kuńi balle mande bol?
Who gave, mother, to you abuse? Who spoke evil words?

Song of Rája Gopi Chand.

Tá kuńi bo herá, mátá, mandí hákñi? Usdí hákñi dindá kadñái.
Who looked, mother, (at you) with evil eyes? His eyes I will tear out.

Song of Rája Gopi Chand.
The Neuter Interrogative Pronoun "kiá," what? is declined as follows:

<table>
<thead>
<tr>
<th>Case</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nom.</td>
<td>Kiá</td>
</tr>
<tr>
<td>Gen.</td>
<td>Kate-rá, kaṭe-rí, kaṭe-re</td>
</tr>
<tr>
<td>Dat.</td>
<td>Kajo</td>
</tr>
</tbody>
</table>

Examples—

"Eh kaṭerí chhiri há.
"Of what wood is this?"
"So kajo go thú.
"Why did he go?"

THE INDEFINITE PRONOUN.

Singular.

<table>
<thead>
<tr>
<th>Case</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nom.</td>
<td>Koi</td>
</tr>
<tr>
<td>Gen.</td>
<td>Kaskí-rá, kuski-ri, kaskí-re</td>
</tr>
<tr>
<td>Dat.</td>
<td>Kaskí jo</td>
</tr>
<tr>
<td>Acc.</td>
<td>Kuski-ri</td>
</tr>
<tr>
<td>Agent</td>
<td>Kaskí jo</td>
</tr>
<tr>
<td>Loc.</td>
<td>Kaskí manj</td>
</tr>
<tr>
<td>Abl.</td>
<td>Kaskí thauñ</td>
</tr>
</tbody>
</table>

No Plural.

Examples—

Gen. Eh bhair, kaskí ri bholí.
This sheep probably belongs to some one.

Agent. Eh kam kuni karú bholá.
This deed will have been done (i.e., probably has been done) by some one.

THE REFLEXIVE PRONOUN APPE, APÚ "SELF."

The single form āpú does duty for both Singular and Plural.

<table>
<thead>
<tr>
<th>Case</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nom.</td>
<td>Appe, apú</td>
</tr>
<tr>
<td>Gen.</td>
<td>Apú, apú, apú</td>
</tr>
<tr>
<td>Dat.</td>
<td>Apú jo</td>
</tr>
<tr>
<td>Acc.</td>
<td>Apú, apú, apú</td>
</tr>
<tr>
<td>Agent</td>
<td>Apú</td>
</tr>
<tr>
<td>Loc.</td>
<td>Apú manj</td>
</tr>
<tr>
<td>Abl.</td>
<td>Apú thauñ</td>
</tr>
</tbody>
</table>

Examples—

Nom. Aun appe go.
"I myself went."

Agent. Unni apú karú.
"He himself did it."

Loc. Gaddí āpú manj ghnulanda hin.
"The Gaddis are fighting among themselves."
The following are the corresponding Adjectives and Adverbs formed from Pronominal bases:

<table>
<thead>
<tr>
<th>Pronoun</th>
<th>Adjective of Kind</th>
<th>Adjective of Quantity</th>
<th>Adverb of Time</th>
<th>Adverb of Place</th>
<th>Adverb of Direction</th>
<th>Adverb of Manner</th>
<th>Adverb of Number</th>
</tr>
</thead>
</table>

**Adjective of Number:**

- * Tha. (That, "so many")
- * Tha. (That, "so many")
- * Tha. (That, "so many")
- * Tha. (That, "so many")
- * Tha. (That, "so many")

**Adjective of Quantity:**

- * Tha. (That, "so much")
- * Tha. (That, "so much")
- * Tha. (That, "so much")
- * Tha. (That, "so much")
- * Tha. (That, "so much")

**Adjective of Kind:**

- * Tha. (That, "of this kind")
- * Tha. (That, "of that kind")
- * Tha. (That, "of this kind")
- * Tha. (That, "of that kind")
- * Tha. (That, "of this kind")

**Adverb of Time:**

- * Tha. (That, "now")
- * Tha. (That, "now")
- * Tha. (That, "now")
- * Tha. (That, "now")
- * Tha. (That, "now")

**Adverb of Place:**

- * Tha. (That, "here")
- * Tha. (That, "here")
- * Tha. (That, "here")
- * Tha. (That, "here")
- * Tha. (That, "here")

**Adverb of Direction:**

- * Tha. (That, "in this manner")
- * Tha. (That, "in that manner")
- * Tha. (That, "in this manner")
- * Tha. (That, "in that manner")
- * Tha. (That, "in this manner")

**Adverb of Manner:**

- * Tha. (That, "in this manner")
- * Tha. (That, "in that manner")
- * Tha. (That, "in this manner")
- * Tha. (That, "in that manner")
- * Tha. (That, "in this manner")

**Adverb of Number:**

- * Tha. (That, "so many")
- * Tha. (That, "so many")
- * Tha. (That, "so many")
- * Tha. (That, "so many")
- * Tha. (That, "so many")
Teuthi is more remote than uthi. From where = kaṭaōn.

Examples—
Tá go ketí tháhar pahrú hin?
With thee how many head of sheep and goats are there?
Inhá gowár mere herne mán na ā.
"Such a fool never came into my sight."
Múhán katthi há? Moge tis rá pátá nehún.
Where is Mohan? To me of him there is no trace.
(Dharmsála).

Kiá bhái yará kahrá chalú hain?
What, brother and friend, whither art thou going?
Tuddh kañhe iná? When are you to come?
An̲h kañhe ichhún? When may I come?

ADVERBS OF TIME.

To-day: Aj.
To-morrow: Dote.
Day after to-morrow: Parohē.
Day after that: Nacharohi.
Always: Sadē.

Examples—
An̲h dote ilá. I will come to-morrow.
Parohē chala gāhhí. The day after to-morrow I will go.
Mán dote khaurairi malle gāhhá há. To-morrow I have to go my father-in-law’s.
Hi mún Mor̲á re ghar guchhūri thú. Yesterday I went to the house of Mor.

ADVERBS OF MANNER.

Little by little: Dhakh dhakh.
Quickly: Tañlā tañlā (or tañjta tanjē).
Tañlā tañlā gah. Go quickly, quickly.
Slowly: Mattha mattha.
Mattha mattha ilā. I will come slowly.

NUMERALS.


Ordinary Gaddis do not count beyond twenty. The more intelligent of them borrow higher numbers from their Kangrā neighbours.

It should be noted that the t and h in satāṭṭar are pronounced separately. The word is not sa-thattar, but sa-hattar.
One hundred: khan. Mago choür khan bhairā hin.
To me, with me (mere pas) are four hundred sheep. Bhair one sheep; Bhairā plural.

ADJECTIVES OF PLACE.
Agian: the next before, as agian mahina, next month.
Naragian: the next before but one, as naragian mahina, one month after next.
Chhūrā: much.

Inde kināre bhī chhūrā hā. On our side too was much (snow).

Right: Dainā. Left: baān.

THE VERB.
The Auxiliary Verb is thus conjugated:

PRESENT TENSE.

Aun hān. "I am."
Tu hān. "Thou art."
So hā. "He is."
Asse hūn. "We are."
Tusse hin. "You are."
So hin. "They are."

Examples.
Aun Gaddi hūn. "I am a Gaddi."
Bāt bhī barā hā. "The wind too is strong."
Asse choür bhāi hūn. "We are four brothers."
Mere chach īji bhī hin. "There are also my father and mother."

Tā tā kajo ruthī ruthī, merī Rādhā? Kae de kāran ruthī hā.
"Why art thou annoyed, my Rādhā? For what cause art thou annoyed?"

Tā kahā chalūrā hāin. "Whither art thou going?"

Song of Thakar.

PAST TENSE.

Masculine. Aun thū. Feminine thī. "I was."

Tā thū. "Thou wert."
So thū. "He was."
Asse thī. "We were."
Tusse thī. "You were."
So thī. "They were."

Examples.
Kahā thū, "Where wert thou."
Mo Raiī re kodā jo gahīn thū.
"I was to go to the fair of Ralla,"—literally "To me to the fair of Ralla to go was."

Nerti jo kajo gō thū. Why did you go to Nerti?

Anū apne nāte sāke ri samhālā jo go thū.
"I had gone for news of my relations"

Kasaure ri kūlī barī khundar hā.
Kasaurā's daughter is very handsome.—(Gādi of Dharmālā).

Es thānī paikhe jo sāhib thū so khār thū.
The sāhib who was before him, he was good (Gādi).

Bhojā. "To become, to be."

Infinitive. Bhojā, To be, to become.
Root Bho, or Bhuchh.
Present Participle. Bhondd.
Past Participle. Bhūā or Bhuchhūrā.
I.—Tenses formed from the Root.

Aorist.

**Singular.**

I may be or become.

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Auñ bhuchhúñ.</td>
<td>Asse bhuchhúñ.</td>
</tr>
<tr>
<td>Tú bhúñ.</td>
<td>Tussé bhúñ.</td>
</tr>
<tr>
<td>So bhú.</td>
<td>So bhú.</td>
</tr>
</tbody>
</table>

**Future.** *

**Singular.**

I will be or become.

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Auñ bhuchhúñá or bholá. Fem.</td>
<td>Asse bhuchhúñle or bhole. Fem.</td>
</tr>
<tr>
<td>Tú bholá.</td>
<td>Tussé bholé.</td>
</tr>
<tr>
<td>So bholá.</td>
<td>So bholé.</td>
</tr>
</tbody>
</table>

**Example.** Jotá ri bat karañí bholí.
The way of the passes will be difficult.

**Imperative.**

**Singular.**

Tú bho.

**Plural.**

Tusse bhoá.

II.—Tenses formed from the Present Participle.

**Indefinite.**

**Singular.**

I am or become.

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Auñ bhonde or bhunúa.</td>
<td>Asse bhonde or bhunúñ.</td>
</tr>
<tr>
<td>Tú bhonde or bhuneñ.</td>
<td>Tusse bhonde or bhunún.</td>
</tr>
<tr>
<td>So bhonde.</td>
<td>So bhonde.</td>
</tr>
</tbody>
</table>

**Present.**

**Singular.**

I am or become, &c.

<p>| | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Auñ bhonde háñ or bhunúa.</td>
<td>Asse bhonde háñ or bhunúñ.</td>
</tr>
<tr>
<td>Tú bhonde háñ or bhuneñ háñ.</td>
<td>Tusse bhonde hin.</td>
</tr>
<tr>
<td>So bhonde há.</td>
<td>So bhonde hin.</td>
</tr>
</tbody>
</table>

**Imperfect.**

**Singular.**

I was becoming.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Auñ bhonde thú.</td>
<td>Asse bhonde thí.</td>
</tr>
<tr>
<td>Tú bhonde thú.</td>
<td>Tusse bhonde thí.</td>
</tr>
<tr>
<td>So bhonde thú.</td>
<td>So bhonde thí.</td>
</tr>
</tbody>
</table>

III.—Tenses formed from the Past Participle.

**Past.**

**Singular.**

I became, &c.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Auñ bhúñ or bhuchhúrú.</td>
<td>Asse bhúë or bhuchhúre.</td>
</tr>
<tr>
<td>Tú bhúñ or bhuchhúrú.</td>
<td>Tusse bhúë or bhuchhúre.</td>
</tr>
<tr>
<td>So bhúñ or bhuchhúrú.</td>
<td>So bhúë or bhuchhúre.</td>
</tr>
</tbody>
</table>

*In Garhwalí, “lo” is the termination of the future márlo 1st, 2nd and 3rd person singular future tense of “márná” to strike; “la” is the termination of all three persons plural future. The Kumaoni future is similar. See Kellogg’s Hindi Grammar, pp. 238, 239.
KANGRA DISTRICT.]  The Gádi Dialect. [APPENDIX III.

Perfect.
I have become, &c.

Singular.
Auñ bháá húñ or bhuchhúra húñ.
Tú bháá hain or bhuchhúra hain.
So bháá há or bhuchhúra há.

Plural.
Asse bhúe húñ or bhuchhúre húñ.
Tusse bhúe hín or bhuchhúre hín.
So bhúe hín or bhuchhúre hín.

Pluperfect.
I had become, &c.

Singular.
Auñ bháá or bhuchhúra thú.
Tú bháá or bhuchhúra thú.
So bháá or bhuchhúra thú.

Plural.
Asse bhúe or bhuchhúre thíe.
Tusse bhúe or bhuchhúre thíe.
So bhúe or bhuchhúre thíe.

INFINITIVE OR VERBAL NOUN.
Bhona, being; bhonéra-ri-re, of being.

CONJUNCTIVE PARTICIPLE.
Bhuchhkari, or Bhuchhkar "having been" "or having become."

ADVERBIAL PARTICIPLE.
Bhonde sté "on being" or "on becoming."

HERNA. To see.

I.—Tenses of the Root.

AORIST.
I may see.

Singular.
Auñ herúñ.
Tú hereñ.
So herá.

Plural.
Asse herúñ.
Tusse heran.
So heran.

FUTURE.
I will see.

Singular.
Auñ herúnlá or herlá. Fem. herli.
Tú herlá.
So herlá.

Plural.
Asse herúnlé or herlé. Fem. herli.
Tusse herlé.
So herlé.

IMPERATIVE.

Singular.

Plural.
Tusse heré. "Look you."

II.—Tenses of the Present Participle.

INDEFINITE.
I see.

Singular.
Auñ herandá. Fem. herandí or * hernán.
Tú herandá or † herneñ.
So herandá.

Plural.
Asse herande. Fem. herandí or * hernán.
Tusse herande or † hernán.
So herande.

* Hernán. This form of the Present Participle is used only with the first person singular and with the first and second persons plural.
† Hernán. This form of the Present Participle is used only with the second person singular.
Kangra District.

The Gádi Lialect.

[Appendix III.

Present.

I am seeing.

Singular.

Anú herandá háú or hernú háún.
Tú herandá háú or hernú háúi.
So herandá há.

Plural.

Asse herande háú or hernán háún.
Tusse herande hái.
So herande hái.

Imperfect.

I was seeing.

Singular.

Anú herandá thú.
Tú herandá thú.
So herandá thú.

Plural.

Asse herande thúe.
Tusse herande thúe.
So herande thúe.

Tenses of the Past Participle.

Past.

I saw.

Singular.

Mein herú.
Tain herú.
Tinni herú.

Plural.

Asse herú.
Tusse herú.
Tiyyeín herú.

Perfect.

I have seen.

Singular.

Mein herú há.
Tain herú há.
Tinni herú há.

Pluperfect.

I had seen.

Singular.

Mein herú thú.
Tain herú thú.
Tinni herú thú.

Plural.

Asse herú thú.
Tusse herú thú.
Tiyyeín herú thú.

Conjunctive Participle.

Her, Heri kari. “Seeing,” “On seeing.”

Example—

Her jawán ruiyá.
Rájá Gaddan behí.
“Seeing her young looking
The Rájá married the Gaddi woman.”

Song of “Nokki.”

A Gaddi woman whom Rájá Sansár Chand married.

Adverbial Participle.

Herande site. “On seeing.”

Past Participle.


Bekhá. To sit.

Imperative.—bekh. Sit (thou).
Present Participle.—bekhandá or bekhún.
Past Participle.—baithá and bithúrá.
The Gádi Dialect.

I.—Tenses formed from the Root.

**Aorist.**

I may sit.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aoun bekhun.</td>
<td>Asse bekhán.</td>
</tr>
<tr>
<td>Tá bekhen.</td>
<td>Tusse bekhán.</td>
</tr>
<tr>
<td>So bekhá.</td>
<td>So bekhán.</td>
</tr>
</tbody>
</table>

**Future.**

I will sit.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aoun bekhá.</td>
<td>Asse bekhle.</td>
</tr>
<tr>
<td>Tá bekhalá.</td>
<td>Tusse bekhle.</td>
</tr>
<tr>
<td>So bekhalá.</td>
<td>So bekhle.</td>
</tr>
</tbody>
</table>

**Imperative.**

I sit.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tá bekh, Sit thou.</td>
<td>Tusse bekhá, Sit you.</td>
</tr>
</tbody>
</table>

II.—Tenses formed from the Present Participle.

**Indefinite.**

I sit.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aoun bekhándá or bekhnun.</td>
<td>Asse bekhanda or bekhnún.</td>
</tr>
<tr>
<td>Tá bekhandá or bekheń.</td>
<td>Tusse bekhanda or bekhnún.</td>
</tr>
<tr>
<td>So bekhandá.</td>
<td>So bekhánde.</td>
</tr>
</tbody>
</table>

**Present.**

I am sitting.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aoun bekhándá or bekhnun hún.</td>
<td>Asse bekhanda or bekhnún hún.</td>
</tr>
<tr>
<td>Tá bekhandá or bekheń hain.</td>
<td>Tusse bekhanda hain.</td>
</tr>
<tr>
<td>So bekhandá hás.</td>
<td>So bekhánde hain.</td>
</tr>
</tbody>
</table>

**Imperfect.**

I was sitting.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aoun bekhándá thú</td>
<td>Asse bekhande thié.</td>
</tr>
<tr>
<td>Tá bekhandá thú.</td>
<td>Tusse bekhande thíe.</td>
</tr>
<tr>
<td>So bekhandá thá.</td>
<td>So bekhande thíe.</td>
</tr>
</tbody>
</table>

III.—Tenses formed from the Past Participle.

**Past.**

I sat.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aoun baiθhá or bithúrá.</td>
<td>Asse baiθhe or bithúre.</td>
</tr>
<tr>
<td>Tá baiθhá or bithúrá.</td>
<td>Tusse baiθhe or bithúre.</td>
</tr>
<tr>
<td>So baiθhá or bithúrá.</td>
<td>So baiθhe or bithúre.</td>
</tr>
</tbody>
</table>

**Perfect.**

I have sat.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aoun baiθhá or bithúrá hún.</td>
<td>Asse baiθhe or bithúre hún.</td>
</tr>
<tr>
<td>Tá baiθhá or bithúrá hain.</td>
<td>Tusse baiθhe or baiθhúre hain.</td>
</tr>
<tr>
<td>So baiθhá or bithúrá hás.</td>
<td>So baiθhe or baiθhúre hain.</td>
</tr>
</tbody>
</table>
The Gádi Dialect.

[APPENDIX III.

Pluperfect.
I had sat.

Singular.
Aũ baiṭhá or bīṭhurá thú.
Tú baiṭhá or bīṭhurá thú.
So baiṭhá or bīṭhurá thú.

Plural.
Asse baiṭhе or bīṭhurе thе.
Tusse baiṭhе or bīṭhurе thе.
So baiṭhе or bīṭhurе thе.

Infinitive.
Bekhā. To sit.

Conjunctive Participle.
Bekhi kari. Having sat.

Adverbial Participle.
Bekhande site. On sitting.

Participle used Adjectively.
Bekhurá corresponds to "baithā hāā" in Hindi.

*Ínā. To come.

Infinitive.
Ínā.

Present Participle.
Índā.

Past Participle.
A or chhurá.

I.—Tenses formed from the Root.

Aorist.
I may come.

Singular.
Aũ ichchhūn.
Tú áiűn.
So áiyā.

Plural.
Asse ichchhūn.
Tusse áiyā.
So ín, ain.

Future.
I will come.

Singular.
Aũ ílā or chhūnlā. Fem. ñil.
Tú ílā. " "
So ílā. " "

Plural.
Asse íle or chhūnle. Fem. ñil.
Tusse íle. " "
So íle. " "

Aũ dote ílā. I will come tomorrow.

Imperative.

Singular.
Tú ái. Come thou.

Plural.
Tusse áiā. Come you.

II.—Tenses formed from the Present Participle.

Indefinite.
I come.

Singular.
Aũ índā. Fem. índi.
Tú índā. " "
So índā. " "

Plural.
Asse índе. Fem. índi.
Tusse índе. " "
So índе. " "

* To bring, le-índе or le-índi or le endiā.

Bring, le-á.
Brought, le-ā.
Bringing, le-índā.
I will bring, le-ñilā or le chhūnlā.
### Present

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ indá húň.</td>
<td>Fem. indi, &amp;c.</td>
</tr>
<tr>
<td>Tụ́ indá há.</td>
<td></td>
</tr>
<tr>
<td>Sọ indá há.</td>
<td></td>
</tr>
</tbody>
</table>

**Imperfect.**

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ indá thú.</td>
<td>Fem. indi thí.</td>
</tr>
<tr>
<td>Tụ́ indá thú.</td>
<td></td>
</tr>
<tr>
<td>Sọ indá thú.</td>
<td></td>
</tr>
</tbody>
</table>

**Past.**

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ á.</td>
<td>Fem. ái.</td>
</tr>
<tr>
<td>Tụ́ á.</td>
<td></td>
</tr>
<tr>
<td>Sọ á.</td>
<td></td>
</tr>
</tbody>
</table>

**Perfect.**

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ á húň.</td>
<td>Fem. ái, &amp;c.</td>
</tr>
<tr>
<td>Tụ́ á húń.</td>
<td></td>
</tr>
<tr>
<td>Sọ á húń.</td>
<td></td>
</tr>
</tbody>
</table>

*Example.*—Jār khīt chhūrā hā. Fever and ague has come.

**Pluperfect.**

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ á thú.</td>
<td>Fem. ái thí.</td>
</tr>
<tr>
<td>Tụ́ á thú.</td>
<td></td>
</tr>
<tr>
<td>Sọ á thú.</td>
<td></td>
</tr>
</tbody>
</table>

*From the other Past Participle* “chhūrā, another set of tenses is formed.

**Past.**

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ chhūrā.</td>
<td>Fem. chhūrī.</td>
</tr>
</tbody>
</table>

**Perfect.**

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ chhūrā húń.</td>
<td>Fem. chhūrī húń.</td>
</tr>
</tbody>
</table>

**Pluperfect.**

**Singular.**

<table>
<thead>
<tr>
<th></th>
<th>Plural.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aụ̃ chhūrā thú.</td>
<td>Fem. chhūrī thí.</td>
</tr>
</tbody>
</table>

**Infinitive or Verbal Noun.**

### Conjunctive Participle.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aun gachhán.</td>
<td>Asse gachhán.</td>
</tr>
<tr>
<td>Tú gachhén.</td>
<td>Tusse gachhá.</td>
</tr>
<tr>
<td>So gachhá.</td>
<td>So gáhan.</td>
</tr>
</tbody>
</table>

### Future.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aun gáhlá or gachhúnlé.</td>
<td>Asse gáble or gachhúnlé.</td>
</tr>
<tr>
<td>Tá gáhlá.</td>
<td>Tusse gáble.</td>
</tr>
<tr>
<td>So gáhlá.</td>
<td>So gáble.</td>
</tr>
</tbody>
</table>

### Imperative.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tá gáb.</td>
<td>Tusse gachhá.</td>
</tr>
</tbody>
</table>

### Indefinite.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aun gáhndá or gáhnún.</td>
<td>Asse gáhnde or gáhnún.</td>
</tr>
<tr>
<td>Tá gáhndá.</td>
<td>Tusse gáhnde or gáhnún.</td>
</tr>
<tr>
<td>So gáhndá.</td>
<td>So gáhnde.</td>
</tr>
</tbody>
</table>

### Present.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aun gáhndá or gáhnún hún.</td>
<td>Asse gáhnde or gáhnún hún.</td>
</tr>
<tr>
<td>Tá gáhndá háin.</td>
<td>Tusse gáhnde hín.</td>
</tr>
<tr>
<td>So gáhndá há.</td>
<td>So gáhnde hín.</td>
</tr>
</tbody>
</table>

### Imperfect.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aun gáhndá thú.</td>
<td>Asse gáhnde thíe.</td>
</tr>
<tr>
<td>Tá gáhndá thú.</td>
<td>Tusse gáhnde thíe.</td>
</tr>
<tr>
<td>So gáhndá thú.</td>
<td>So gáhnde thíe.</td>
</tr>
</tbody>
</table>
### Tenses formed from the Past Participle

#### Past

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anú go or guchhúrá.</td>
<td>Asse gae or guchhúre.</td>
</tr>
<tr>
<td>Tú go or guchhúrá.</td>
<td>Tusse gae or guchhúre.</td>
</tr>
<tr>
<td>So go or guchhúrá.</td>
<td>So gae or guchhúre.</td>
</tr>
</tbody>
</table>

#### Perfect

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anú go hún or guchhúrá hún.</td>
<td>Asse gae hún or guchhúre hún.</td>
</tr>
<tr>
<td>Tú go hain or guchhúrá hain.</td>
<td>Tusse gae hín or guchhúre hín.</td>
</tr>
<tr>
<td>So go hain or guchhúrá hain.</td>
<td>So gae hín or guchhúre hín.</td>
</tr>
</tbody>
</table>

#### Pluperfect

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anú go thú or guchhúrá thú.</td>
<td>Asse gae thíe or guchhúre thíe.</td>
</tr>
<tr>
<td>Tú go thú or guchhúrá thú.</td>
<td>Tusse gae thíe or guchhúre thíe.</td>
</tr>
<tr>
<td>So go thú or guchhúrá thú.</td>
<td>So gae thíe or guchhúre thíe.</td>
</tr>
</tbody>
</table>

#### Conjunctive Participle

| Gaetchhi kari. | Having gone. |

#### Adverbial Participle

| Gauncate site. | On going. |

#### Examples

- Auj anú Kugti go thú. Today I had gone to Kugti.
- Anú Bári re kódá jo guchhúrá thú. I to the fair of Bári had gone.

The following very common verbs are worth noting:

- **Kháná**, eat. (Indefinite, khándá. Past, kháú.)
- **Píná**, drink. (Indefinite, pínda. Past, piú.)
- **Dépá**, give. (Indefinite, dindá. Past, dítá.)
- **Lainá**, take. (Indefinite, laindá. Future, láúná, leló, Past, leú.)
- **Balná**, say, speak. (Indefinite, balandá. Past, balú.)
- **Karñá**, do. (Indefinite, kardá. Past, karú.)

Lei-gáñá, take away is conjugated like gáñá.

### Months and Days

- **Sankránt**, 1st day of the month.
- **Báhi**, 2nd day of the month.
- **Masant**, last day of the month.
- **Kála mahina**, or black month = Bhádon. 1st is called *Bakrora [putrórì]: Kachalu, leaves are eaten.
- 1st Chetar, Dhohú, the month of begging by professional beggars with drums.
- **Bakhakh**, = Baisák, 1st is called Basoa or Brikhu.
- **Jaith**, 1st is called Lohle bolle ri Sankránt. (Meaning not known).
- **Lairà**, = Khawan or Sawan, 1st is called Chirnu, the name of an insect.
- Chichari in Urdu who attacks cattle in Sawan.
- No marriages are celebrated in Chetar or Sawan.
Kangra District. The Gádi Dialect. [Appendix III.

The Parable of the Good Shepherd.

St. John x, 11—16.

Khará pálal auñ huñ. Khará pálal bhaiřá re táin apni ján dindá há. Apnu majúr ate so jo pálal ná ate bhaiřá rā málik nā bhrabbu (red bear) jo índě heri kari bhaiřá jo chhadí dindá há, ate nhakhi gáhndá há ate bhrabbu udán jo chhe-kándá (teareth) há ate bhaiřá jo utrá-rándá há. Majúr nhakbandág há so majúr há ate bhaiřá rí chind na karandá.

Khará pálal auñ huñ, ate apni jo pichhaindá huñ ate meri munjo pichhaindí hin. Jihán buriha munjo jándá há tihán auñ buřhe jo jándá huñ ate auñ bhaiřá re táín apni ján dinda huñ.

Ate meri hor bhi bhaiřá hin jo is guttá rí ná, jarúr há je auñ udán jo auñí ate so merí hák kahuní ate akke khandág ate akke páhál ghuló.

The following sentences will further illustrate the construction of the dialect and facilitate comparison with the Kangra dialect:—

1. Terá nán kyá? What is thy name?
2. Es ghore rí khéti umbar há? What is the age of this horse?
3. Etrauí (or thausti or ethuí thanú) Kashmir ketre dúr há? From here how far is Kashmir?
4. Túnde būrhe re ghār keté gobhrii hin? How many sons are there in your father's house?
5. Auñ ajj bāre dūrá thauñ handhe á huñ. Today I have come walking from very far.
6. Mere kakka re puttrā rā baith tiseri baińit seite bhūá há. My uncle's son's marriage is with his sister.
7. Ghareñ (or ghare) hachchho ghore rí jin há. In the house is the white horse's saddle.
8. Tiseri piṭṭhí pur kāthi pā. On his back put the saddle.
9. Userá gobhrú máin matá márú. His son I have much beaten.
10. So jotā pur bakri chārändá há. He is grazing goats on the hill (or pass).
11. So rukkhá telé ghore pur bekhúrá há. He under the tree is seated on a horse.
12. Tiserí bhaií apni baińi thauñ barā (or moṭā) há. His brother is bigger than his sister.
16. Tēs thauñ rupayye lei laiñe. From him take the rupees.
17. Tēs jo matá makaři jore seite (site) bannhá. Having beaten him well tie him with ropes.
19. Mere agge chalá. Walk before me.
20. Kaserá gobhrú tünde pichchhe (or pichche) ḍūdá (or eindá) há. Whose boy is coming beckoning you?
21. So tain kas thauñ mulleń leu? From whom didst thou buy that?
22. Girán re ēkka hāṭwānjio thauñ. From a shopkeeper of the village.
APPENDIX IV.

GLOSSARY OF WORDS PECULIAR TO THE KANGRA DISTRICT AND THE NEIGHBOURING HILL TRACTS. BY THE LATE EDWARD O'BRIEN, ESQUIRE, C.S., DEPUTY COMMISSIONER OF KANGRA. REVISED WITH ADDITIONAL WORDS BY THE REV. T. GRAHAME BAILEY, B. D., M.R.A.S., WAZIRABAD.

Note.—The Sanskrit derivations are by Dr. T. Ph. Vogel, Archaeological Surveyor to the Panjab Government. He has employed the transliteration system of the Asiatic Society of Bengal.

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<tr>
<td>H. Hindi.</td>
<td>। Root.</td>
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<td>Kn. Kulu Dialect.</td>
<td>+ Related to</td>
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Agrulä, man forward in speaking.
Ahlä, bird’s nest. “Kaś pakhrūe dá ahlä hai?” (Of what bird is that the nest?). Skr. álaya, dwelling (in Himálaya).
Aitki, this time, now.
Ajjání, yet, still.
G. Aakhoká, adj., of this year, akhó, as in “akhoki chhallí paroki chhallí tháun khari hín,” “this year’s maize is (lit., are) better than last year’s.”
Akkar, man not liable to forced labour.
Alhíä = Amaltás. (Lambagráón).
Ambar, sky. Skr. ambara.
Amrú, báránní land, cf. ottar, from Skr. ambu (water)?
Appúñ, oneself, myself, thyself, &c.
G. Aten, and.
Aukkhi, trouble: “Mittar dasman anukhiá de wakat pachháne,” (Friend and enemy are distinguished at the time of difficulty). (Kángra).
Aukkhi-bhári, same as aukkhi.
Aunda, drain, a small drain cut across a field to drain it = chald or chalá.
Bachálñá, destroy, injure. (Kángra).
Badhná, to cut = Vadhñá. (Bandla). Skr. vadh = to slay.
Bádká, elderly man, head of family.
Baggar, a kind of grass, used for fodder and for ropes, Andropagon involutum and Erochophorum cornosum (Stewart) ; cf. gá-dhan málá.
Baglã, a Gáddi’s purse of untanned skin (for tobacco).
Bagñá, flow.
G. Bagiri, field.
Bagrúñ, bundle of baggar grass.
Báhná, plough sow.
Baihand, capable of cultivation, (cf. behan).
Baihní, bamboo.

* Words to which G. is prefixed are peculiar to the Gádi dialect.
Baihá, calf.
Baihri, year.
Bájh, ploughed land. (Kaloha). P. báj (=tribute)?
Bájhí, "except." H. báj (cp. Platts) + Skr. varjya (=to be avoided).
Bajlothar, hard, strong, used of hard, round stones in a river-bed as opposed to the soft sandstone of the cliffs; cf. kasrállá. (Baragrão).
Derived from H. bajar=hard. Skr. vajra=diamond.
Bajog, loss. Skr. viyoga = separation.
Bakhán, ease, comfort. H. bakhdn.
Baldh, in the south of the District, i.e., in Hamírpur and Ders, is used for bullock. In Pílampur of Kángra, and Núpur dánd used. Skr. balada.
G. Balñá, tell, speak. H. bolñ.
Ban, jungle.
Bah, or Bain, a covered spring. Skr. vapi "At the bdin is the camp of Harjdld." Also a woman's nipple.
Bandri, straw mat.
Banhd, (Kutlehar). Vítece negundo, Stewart, 166.
Ban, a hamlet when high up on a hill. Skr. vása (dwelling).
Basá, trust. Skr. visvásá.
Bassand, ploughed land=tarraddadi. (Gaddi).
Basdi, a hamlet. (Kutlehar). Skr. vasati=dwelling.
Basindá, a hamlet, (inhabitant). Skr. vas=to stay.
Basúdí, Adhatoda Vsaica, Stewart, 164.
Bat, a road. H. bat.
Bat, s. f. egg.
G. Bát, wind as in "bará bát jhulúrá," ('a great wind is blowing')
Skr. váta √ vá.
Batlohi, brass pot.
Batra, 50 °/o per annum of interest. (Kutlehar).
Batti, upper millstone. Talji, under millstone. (Bhawarna).
Batí, a measure, =two sers pakka.
G. Bauhrea, sown.
 Bauhhkari, broom of long grass.
Beddo, see beuñs.
G. Behí, book (especially money-lender's).
Behrá, a cluster of houses, a hamlet. (Properly the space in the middle). (Dhatwál).
G. Dekanú, a wether.
G. Beṭá, wife. Ku. beti=girl, young woman.
Beúls, see chammán. Skr. bilva (=AegIe marmelos).
Beúns (=beddo,) a willow. Stewart, 206–8.
* Bhákrái, a mallet for crushing clods.
Bhal, fibre made from the bark of the dhamman tree. (Baragrão).
Bhanḍaur, see darohlá.
* Bhangan, the name of a fish: (Bhádpur), Beás.
* Bharauta, a clod-crusher. (Nadaunti).
G. Bharukkh, s. f. hunger. Skr. bubhuksha (?)
Bhaundú, foolish, silly.
Bhędú, a sheep generally, also a ram. H. Ku. bhed=ewe.
Bheř, a ewe. C.p. bhedú.
Bheðh, a precipice. (Pālampur).
“Bhitteñ déi déš,” shut the door, (lit., the planks used here as a door).
Bhrabhú, red tear. In Skr. powerful, lord.
Bhakráñ, a clod-crusher. (Dera).
Bhúñ, field.
G. Bi̇r, wind, as in “bȧr̥i̇ bīr̥, jhulúr̥,” (a great wind is blowing).
Bij, lightning when it strikes, while bij̥=the flash. +Skr. vidyut.
Bilangan, a clothes’ horse, a stick suspended by two ropes from the eaves of a house. Skr. vilambana=pendant.
Bir, a ridge between fields. (Darō). Ku. Bir. Skr. viti=separation ?
Bir̥, broad. Skr. vistirna.
Bi̇t̥ti, daughter, girl.
Boddar, peacock.
Bu̇̆̆ṭ̥h, mother.
Bu̇̆̆há, adj., low, depressed. (Nagrota).
*G. Bujazú tinder.
Bujhka, load.
Bun̥, adv., below, as in “bun̥ gachh top,” (go down and search).
Ku. bun̥h.

Cháchá, father. Cf. H. chachá=paternal uncle.
Chak, head ornament.
Chakoná, square. Skr. catush—kona=four cornered.
Chal̥rá=anda, q.u. vide (Malán). Skr. V. cal.=to run.
*Chamal, the plant which children call “Jack-in-the-box.” (Gaddi).
Chamba, Michelia campaca, Stewart, 5. Skr. campaka.
Champí, skin (of a man). }
Chandrá, miser, cunning man.
G. Charátê, hind quarter of a sheep. (Dharmsálā).
Chatrař, mahser, cf. kakiāru. (Dera and Sujánpur).
Chháñ, butter milk.
Chhál, maize.
Chhanár, bad woman.
Chharolá, a stile.
G. Chhelřú, goat, lamb.
Chhelú, a lamb.
G. Chhikká, load.
G. Chhi̇rí, wood. + H. char (=shaft) ?
Chhopá, vaccination.
Chhorí, chhokrí, girl.
Chhorú, chhok-rú, boy.
Chhûñ, the six-sided cactus.
Chhúñ-nalj, water-cress.
Chhubbá, the rope with which a load of grass is tied +chábrá=basket ?
*Chhum, a stack of maize. (Kutlehar). [jhum].
G. Chimṭá, high.
ChindnA, think, wish.
Chirindé ? maple.
Choi, a stream, a torrent. H. coyá cp. Platts.
Chorná, to strip, to skin.
KANGRA DISTRICT.  

Glossary. [APPENDIX IV.

Choú, a stream, = choi—“Isá jímíná jo tráj choú lagde, tap nau han,” [to this land three streams are attached, there are nine months for the water]. (Kángra).

*Chunchal, a sort of blackbird with plumage blue tinted in the sun. From Skr. cancu (= beak) ?

Chupanje, interest on grain at 25 % per annum.

Churdh, parched rice.

* Dágulá, grape-vine, and Dhúrá, grape. + P. angur ?

G. Dáh, courtship, as in “meri dáh karni,” (make love to me). Skr. dáha, heat (?)

Dalhnni, hive.

Dand, tooth. Skr. danta.

Dangá, a stone wall.

Dangú, a scorpion.

Darákul, coward.

Darátti, sickle.

Daroliá, the multicom, domesticated tree-bee; cf. bhanjaur, the unicom, wild tree-bee.

Datailá, morning meal.

Daund, a wood-pigeon.

G. Déna, to cross (a pass, river, etc.).

Dhakh-dhakh, little by little, dhakh, little.

Dhamman—Beuhl, (Grevia oppositifolia, Stewart, 27). H. dháman.

Dhármá, to drag.

Dherá, crooked, as “dherí lakri,” (a crooked stick).

G. Dheú daughter. Skr. duhitar.

Dhiálá, earthen pot.

Dhiárá, sun. Skr. dina-kara, diva$-kara = day maker, i.e., sun.

Dhig, precipice.

Dhingara, Hind. arhar, a kind of pulse, Cajanus Indicus. (Rángarh).

Dhíotrá, a daughter’s son. Skr. danhitra.

Dhírá, to drag. (Chaumukha).

Dhiúni, a tree with large leaves; bears a fruit, Atocarpus integrifolia. (Lodhwan).

Dhor, bullock. Skr. dhuria, dhanreya = beast of burden. (From dhur, dhura = burden).

Dhúrá, vide Dagnála.

Dikkná, see, look.

Dohrá, blanket.

Dolná, to tremble.

G. Dote, to-morrow. cf. H. dan-thain.

Dudhár, a hut in the cultivated land for the purpose of being near the fields.

Ehrá like this.

Ekal, wild hog which lives alone.

Gá, cow.


Gaddí, a sheaf of rice. (Saloh).

G. Gáhná, to go.

Galáná, to speak. cf. H. galáná.

* Gá-o-dhan máá, a rope of baggar grass and mango leaves suspended across the path to a cowshed to avert cattle-disease. (Baragán).
Glossary.

**Proverb.** H. gappi.
Garáká, a clap of thunder.
Gajú, thunder. Skr. / gajr.
Garná, *Carissa diffuse*, Stewart, 42, very like karanndá, which is *Carissa carandas*.

* G. Gaúlá, langur.
G. Gaun, hot.
Ghálak, helper.
Ghálki, help.
Ghání, to help. H. gháná has quite a different meaning.
Ghārēthāl, stand for water pots.
G. Gharīngar, saddle of a sheep. (Dharmála).
Gharī, the bird which makes bottle-shaped nests. (Saloh).
Gharú, a precipice.
Ghatpi, slope.
Ghorú, horse smaller than ghora.
Ghuárá, a stack of rice-straw. (Kángra).
Ghūrāgālán, parched wheat.
Gíd, the name of a fish. (Bhádpur), Beás.
Gídli, name of a fish. (Dera and Sújánpur).
Gobhrú, son H. gábrú = boy.
Gohar, path to hamlet.
Gohran, cattle shed.
Gohra, lap, part of garment.
Górů, a herd of cattle, as in “tere gurú kití tháhar hin?” (how many head are there in your herd?)
Gotar, tribe (restricted to the descendants of one ancestor). Skr. gotra.
Guhárā, open.
Gullú, a cob of maize from which the grain has been picked.
G. Gurlá, sweet.
Gurá, the sweet viscos matter deposited by insects on the leaves and flowers of the mango in spring. (Rajhún).

G. Hachhá, white (of things and animals). Skr. accha (= clean).
Hákhy, eye. G. háhkhri.
(the glance of two lovers met). (Gádhi song).
Hañná, walk.
Hándú, earthen cooking pot.
Hang, sieve of wood and leather.
Hath-lop, groping,—karná, to grope. (Kángra).
Hatiáras, a wretch, a murderer. + Skr. hataka.
Hañná, return.
Harā, ploughing the standing crop of rice, “Hanḍ Hár mahíne hunghe” (the rice will be ploughed in Hár), cf. nr.
Héra, shikár.
G. Herná, see, look.
Hí, yesterday, as in “Hí aún kachaḿhi jo nango,” (yesterday I to kutcherry did not go). Ku. hij, Skr. hyas.
Hik-jor (breast-force), oppression, &c.
Hiún, snow. Skr. hima, (himálaya = snow abode).
Hiúndá, Hiúndá, winter, as "akhoke hiúndá manj tusso apn bhairá bakri kitthis chañi bin?" where will you graze your sheep and goats this winter? (Dharmśála). Skr. hemanta.

* Hiúṅwát, snow-blindness.

Ibháñ, now, ibhlá, ibhká, of now, belonging to this time.
G. Ijái, mother.
Ikkar, kind of sugarcane.
Illañ, kite.
Irkhá, shame.
Itkhá, itbákhi, to this side.
G. Jabará, an old man.
Jáhlú, when. +Skr. jávad.
* Jalárá and pallá, names of blights.
Jallhá, dumb. (Kángra).
Jáñi-máñi, Nolens volens.
Jákár, wise.

G. Jar, fever, as in "jar khít ichhúrá há," (fever and ague have come). Skr. jvara.
G. Jellá, hard.
Jhakh, jhámjhá, stormy wind.
Jhaná, rub.
G. Jhanntú, axe.
Jhnddí, henpecked husband.
Jhugáá, annoy.
Jhumb= a stack of Indian corn. (Lambagráon). cf. chhum.
Jhungá, house.
Jhungí, inferior house, shed.
G. Jorá, rope.
Junás, a wife. (Hamírpur).
Junglá, yoke. (Bhawarna).
Júthuttar, husband's elder brother's son.
Ká, crow, pl. ká, "mate ká bin," (there are many crows). Skr. káka.
Kálú, when.
Kajo, why? (Gáddí).
G. Kak, uncle, kakki 'aunt (i.e., father's younger brother or his wife).
* Kakiáru, mahser (chatráti). (Dera and Sújánpur).
Kákri, cucumber.
* Kałbelán, the time between sunset and dark, evening.
Kalhá, quarrel. Skr. kalaha.
G. Kałottá, black bear.
Kámal, *Rotella tinctoria*, Stewart, 197. The red powder which forms on the capsules is called kamila and is used for dye, worms and itch.
Kándá, a thorn. Skr. kaṃṭaka.
* Kandi, water beetle.
Kamár, (Kotla-Nírpur)= Amaltás, Stewart, 62. Skr. karṇikára?
Kaphí, tender (= bujazú).
Karál-Kachnar. (Kángra).
Karár, hard or kurár. Skr. karkara.
Karkará, iris, with broad leaves and purple bluish flowers (Tritánd Dharmśála).

Kas, a stack of rice, square or oblong (Suloh); cf. kunu. (Suloh).
Kasákra, a crab. (Dhélá in Mandi). +Skr. karkaṭa = lobster?
NOTES ON THE KÄNGRÎ AND GÄDI DIALECTS.

The Notes on the Kängri and Gádi dialects were, in the first instance, compiled by the late Mr. Edward O'Brien. He, however, did not live to prepare his notes finally for the press, and when a proof copy was printed from his manuscript it was deemed advisable to have it revised. I have accordingly gone through all the notes and vocabulary, revising them and making numerous additions. Some words I was not able to trace. To such words an asterisk has been prefixed. They are chiefly names of plants or of fish and are found almost exclusively in the vocabulary. In some cases words somewhat similar in form and meaning came under my observation and are inserted in square brackets after the asterisked words. It has been thought better to adhere to Mr. O'Brien's system of transliteration.

The Kängri dialect is spoken with some variations over a large portion of Kängri District. The form of it given in these Notes is especially that of the eastern portion of Kängri proper. Further east we find Manđeäli in Mandî State, and still further east Kulû in Kulû. To the north are Bhaṭēali and Chamēali, both in Chamba State. For a treatment of these reference should be made to the Appendix to the Gazetteers of Mandî and Chamba. Kängri is a dialect of Panjâbî. It has many points of resemblance to Manđeäli and still more closely resembles Bhaṭēali and Chamēali. For the linguistic bearing of forms like mînjo vîch, tîjjo vîch, in me, in thee, see the note on p. 286 of the Punjabi Census Report for 1901.

Gádi is the language of the Gaddîs who inhabit a district, called after them Gadheran, lying in the north-east portion of Kängri proper and the south-east portion of Chamba State. The Chamba District of Bharmaur is part of Gadheran, and Bharmauris speak the Gádi dialect. The dialect is purely Pahârî; it is allied, very naturally, to neighbouring dialects such as Chamēali and Bhaṭēali in Chamba State and Kängri in Kängri. Its grammatical forms will well repay study; the verbs are especially interesting. Thus, forms like gachhá, go, ichchá, I may come, remind us of the gačchnâ, ačchnâ of the Punjabi dialect of Laihûdâ spoken in Panjabi State, and of the dialect spoken in the Murree Galis. The plural of nouns is, except for the vocative case, the same as the singular, a phenomenon common in dialects of the Simla States and of Kulû. Among the songs which follow the Kängri Notes there are included a number of Gádi songs. They will be found specially indicated. The tendency of Gaddîs to say kh for s is very noteworthy. In the present state of their dialect s is quite common, due no doubt to the proximity of s-pronouncing peoples. The fondness of Gaddîs for kh is the more remarkable that nearly all hillmen find it difficult to say b and can say only kh.

WAZIRABAD:
24th December 1904.

T. GRAHAME BAILEY.
Glossary

*Kasar, swarm.*

Kasarál, soft, used of the soft sandstone which is rapidly worn into tracks by the feet of men or cattle (Baragrón); cf. kasarí, and bajlotthar. 
Kasarí, sick. (Baragrón).
Kasmar, Borberis aristata. Rasot is made of the root of the kasmar.
*Kaìr, a weed with a yellow flower (Lodhwàn), observed in fields generally in February and March.
Kawár gandal, a plant of the aloc kind? Aloe perfoliata, Stewart.

*Kendú, Deospyros montana, right bank of Beás.
Kes, hair.
Khad, stream, river.
G. Khañá, call.
Khaddu, a ram.
G. Khagítu, a chip, a splinter. Skr. šakala (and šalaka)?
*Khakhirr, the name of a fish, in Urdu Mahaser. (Bhadpur on Beás).
G. Khalai, locust. Skr. šalabha
Khal-dará, resia of the chil, (Pinus longifolia), Darini.
Khári, skin (of a sheep or goat).
G. Khandá, a flock, (Dharmána) as in “tussere khande manj ketri bhairá bakri hin?” (how many sheep and goats are there in your flock)?
Khará, good.
G. Kharaí, hair.
G. Kharát, loss. Skr. /śar to break.
Khári, basket. Skr. khára, khári = a measure of capacity.
G. Kharíná, stand up.
G. Khañhrá, father-in-law. Skr. śvasura.
G. Kheil, a porcupine (=saïl). Skr. śalyaka.
Kheilá, cold.
Khil, land fallen out of cultivation. Skr. khila = fallow land.
Khil-sal, rent for uncultivated land.
*Khikharna, to teach. Skr. /śiksh.
G. Khikhná, teach.
G. Khoñka, the receptacle above the dori.
Khuchná, to have sexual intercourse with.
Khuchná, pass. verb, from foregoing.
Kukh, puff-ball, Stewart, 268.
G. Kukká, dry. Skr. sushka.
G. Kuhlna, take out, cast out.
G. Khunná, hear, khunána, cause to hear.
*Khunni, name of a fish, (Biás).
Khurré, foot and mouth disease, (also called lálú).
Ki, and jo, dative affixes, as in “Debi Chand here i hain, (Devi Chand went to shoot).
Kichh, something = kuchh.
Kirá, snake. Skr. kiñā (= worm).
Kiñá, common bean. (Lodhwàn).
Kochbí or kochpi, (Dadhí), a large landing net. (Kángra).
G. Koñd, a fair.
Kokrá, blue rock pigeon (Mundhi); (vide páraí).
Kothlá, a cloid-crusher. (Kángra).
Kuñá, slope. (Bangar).
Kukrál-á-thá, a stack of maize stalks. (Sulh).
Kukriála maize-stalks without the cobs. (Lanj).
KANGEA DISTRICT.  

Glossary.  

[APPENDIX IV.]

Kuli, girl.  From Skr. kula (= family)?
Kunj or kunli, a stack of grass.
Kunnun or kunlo, a stack of rice, round with a peaked top, cf. kos.
(Salah).
Kuská, name of a fish.  (Dera and Sujánpur).
Kuskuná, speak softly.
Kutár, dog.  Skr. kruna, kukanu.
Kuthú, where?
Kut-phát, land cultivated after an interval of 2 or 3 years.  (Lanj).

Láhar, land in which rice is not grown.
Lairb, Sawan.
Lairthi, lying-in woman.
Lak, waist.  "Mera lak dôle" ("my waist swings").
Lakšá, shelf in wall.
G. Láná, fine or smooth, as "piṭṭhá láñá há," (the flour is fine).
Laṅh, a ram used for breeding.
Laṅhlá, boy.
Leh, thi-the.  (Lodhwan).
Lhá or lhá, s. m., a landslip.
*Lándak, raid of cattle only.  (Baragraon).
G. Lingñá, Kánñá lingñá or linghaṭ, tail.
G. Loṅhá, blood, of an animal.  Skr. loṅhita (= red blood).
Loṭká, loṭṭi, waterpot.
Lugarí, drink of rice juice.
Lándaré, sickness like measles.
* Lanj, wages for picking cotton: (Tira or Kutlehár).
Lunjná, fall.

Mach, a kind of toothless rake, made with a curved blade and a handle, for levelling muddy land.
Machá, lazy.
Magar, kind of bamboo.
Máhnám, man.
*Makhar, a swarm of bees.
Makhir, honey.
Manáhitá, flying fox.  (Sujánpur Tira), = manchán.  (Kotla).
Maní, in
*Masarín, pẹtentilla.  (Triund, Dharmasála).
Matá, much, excess.
Matóṭrá, at enmity.
Megh, rain.  Skr. megha = cloud.
Mesñá, hush up.
Mhái, buffalo.  Skr. mahisha, Pukhto mekla (= female buffalo).
Mhái, herder of buffaloes.
G. Mulá, to meet, to be joined, to be procured, as in "minjo
Núṛpurá màun iš dháir muli há," (I have got a range in Nárpur).
Mírg, leopard.
* Muźá, a square receptacle made of mud and straw.
Múñá, mouth.  Skr. mákha.
Muká, sufficient.
Múnak, or manák, husband.  Skr. manusha? (= man).
Mund, head.  Skr. munda (= bald, bald head, head).
Munú, boy.
G. Nachrohi, the fourth day.
Glossary.

Nagar, town. Skr. nagara.
G. Nai, river.
G. Nakarj, the day before the day before yesterday.
Nál, stream, also nálá; náli, smaller than nálá.
Napiṇa, to wring, (cloths, &c.).
G. Nār, stone.
Naun, a masonry tank as in "Thuralá dá naup." Nahá, like this.
Nhassná, run away. G. Nhakñá.
Nherá, nhirá, darkness.
Niárá, nirú, weak young child or animal unable to digest.
Níhñá, wait.
Nihl, the plains.
Nihrá, plainsman.
Nīrī, blue jay. (Malán).
* Nurmán, slow.
Nindar, sleep.

* Oban, an umbrella of leaves on a bamboo frame (=pohrú at Darimi), Hamirpur.
Obrí, covered room.
Ori, shed for sheep or goats.
Pachhán, towards behind.
Pachhainná, recognise.
G. Páhal, shepherd.
Páhú, tenant.
Painná, sharp.
Pakhra, a bird.
G. Pálchith painá, fight.
* Palla, see jalara. [pála, cold ?]
Palošná, bring up, rear.
Pánsara, Wendlandia exserta, Stewart, 17.
* Pararu, a small stack of wheat.
Paraul, s. f., the gateway of a house. Skr. protoli ? H. paul ?
G. Parār, foot.
Párraj, blue rock pigeon (Mundhi), rīde Kokrá. Skr. párvata (turtle-dove).
Parásrā, Erythrina arborescens. A tree with large leaves, thorns, and knotted (?) bark. At Punder in Nárupur, I saw some wandering tribe making broad bands of this wood, which they made up in rolls and used for making the hoops of sieves.
G. Parj, the day before yesterday.
G. Parohe, the day after to-morrow.
Parora or Porora. Tree with long pointed glabrous leaves.
Patandar, parents.
Páthá, name of a fish. (Kángra).
G. Paṭolá plain.
* Patré, father's younger brother, and Patrer-i, his children. Skr. pitrya (= paternal).
Paṭrā, a water-plant with leaves like sorrel. (Lodhwan).
Peř, a large basket consisting of a cylinder with narrowing month and a hole near the bottom for taking out the grain stored in it.
Phágú, phagúrá, wild fig.
Phat, meadow.
Phatnâ, strike with sword.
Phâtö, a shingle for roofing (Darini).
G. Phiri inâ, return.
Phuk, life, soul, as in “Pa‘omesre diâ kirpâ tê mereî ghareî chàr phâkkâh han” (by the favour of God there are four persons in my house).
Piechen, bohinâ, Skr. prsthê, Locative of prishtha = back.
Pippal, red pepper. (Hamirpur).
Piyaka, kiss.
Pukkarna, help.
G. Puthi, prep, and adv., up, above, upon, as in “pòthi mat gachcherche,” (do not go up).
* Pukhto sanda (= male buffalo).
Ghirthni rand nih, Jhotd sandh nihh.’ A Ghirthni cannot become a widow any more than a male buffalo can become a bull.—Proverb.

Sahansar pâin, Asparagus racemosus, Stewart, 233, (= thousand root).
Sâléd, woman’s red cloth covering.
* Samalu, see Bhanni
Saund, a bull. Skr. sanda, i.e. sa-anda means provided with testicula (anda = egg, testiculum) * Pukhto sanda (= male buffalo). ‘Ghirthni rand nînh, Jhôtà saund nînh? A Ghirthni cannot become a widow any more than a male buffalo can become a bull.—Proverb.
Saund, a standing place in shade for cattle.
Sauré, narrow. Skr. sankaaña.
Sappar, a cliff, or rock.
* Satha, always. Skr. sarvathâ in any case.
G. Sathri, a bundle of rice, cut but not yet tied. (Suloh).
Saunka, the state of having a rival wife. “Sauke par jânà main no maanzür nahiî kiî!” (I did not consent to go on the condition of being a rival wife), Hansu vs. Mt. Koko.
Se, the functions of a barber, a shave. (Kangra).
Sel, bark-fibre. (Baragram). Sirk, lead. Skr. sîsa, siîaka.
Simbal, simoval, Bombax skeptaphyllum. Sindh, whistle.
Simnâ, wet.
* Sirignâ, ground-bee.
Sit, (Gádi, khit) ague. Skr. sîta (= cold).
Sitak, bark of a tree. (Baragram).
So, placenta, bearing young (of animals). Skr. √ sū to bear.

Sohá, slight rain. (Rajhún).

Sotá, to glean, sweep, or collect by sweeping. (Lanj).

Suárú, suári, small field next to house.

Suáljú, sweet wheaten bread.

* Sukáman, a parasitical plant. I have only seen it growing on mango trees. Fleshy leaves. I cannot trace it in Stewart. (Nánpur).

Sukoi, drought, "Is baras sukoî bari hai, hun assán thelí pái depe," cf. thelu.

G. Sáná, sleep.

* Suná, needle. Skr. sivyati, to sew siv.

Sup, a winnowing basket of bamboo. Chhaj is a winnowing basket of the tili of hâna grass. Súp in Urdu, see Fallon, sub. voc.

Súdr, trader.

Sudrjan, marigold. (Harafrpur).

Sartij, sartijri, marigold. (Harafrpur).

Sartij, sartijri, marigold. (Harafrpur).

Sßn, a parasitical plant. I have only seen it growing on mango trees. Fleshy leaves. I cannot trace it in Stewart. (Nánpur).

Súndjan, marigold. (Harafrpur).

Súr, a parasitical plant. I have only seen it growing on mango trees. Fleshy leaves. I cannot trace it in Stewart. (Nánpur).

Súnd, slight rain. (Rajhún).

Sotá, to glean, sweep, or collect by sweeping. (Lanj).

Sotna, to glean, sweep, or collect by sweeping. (Lanj).

Sudr, small field next to house.

Sudrá, to sow. (Rajhún).

Sudrjan, marigold. (Harafrpur).

Sundrá, to sow. (Rajhún).

Sund, needle. Skr. sivyati, to sew siv.

Sund, a parasitical plant. I have only seen it growing on mango trees. Fleshy leaves. I cannot trace it in Stewart. (Nánpur).

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* Tán, a man.

Tándir, tandirá, silver neck-ring.

Tap, see under thelu.

Tarphandi, crooked (morally).

Tasihá, trouble, annoyance, as in “mein tussu saite, taksir kari leo to tussa róz róz munjó kajo tashá dindj hó?” (I made a promise with you, why do you daily give me trouble?) (Dharmsála Gádi).

Táu, father’s elder brother, fem. tei, and tair, i, are his children.

Skr. tóta?


Taundí, s. f., hot season. (Gádi). Cp. H. taunts, Skr. tapas.

Tópra, squint eyed.

Tháhar, a head (of cattle). (Dharmsála).

Thaína, deposit, “eh meri thaína hai,” (this is to be kept for me), also verb, to deposit.

Thák, s. f., an obstacle. Cp. H. thakáná to weary, to harass.


Thälli, nether millstone. (Bhawarna). Skr. sthali = land, floor (sthala)

H. thal.

G. Thandá, lazy.

Thelu, a flat piece of wood placed in a water-course to make the flow of water even in order to divide it equally amongst the smaller channels by means of pieces of wood (tij) fixed in the thelí.

* Thil, snail, [phil]. + Skr. stima (√ stim—), slow, creeping ?

Thippá, girl’s covering.

Thís, going slowly, stopping.

Thullá, thick. Skr. sthúla.

G. Thángár, parched grain.

Tráhá, copper. Skr. táma.

Trikhá, trekhá, thirst. Skr. trish.

Tuá, Sunday.

G. Tándí, sheep’s trotter, cf. Ŵád in Kuluhi.

Ŵán, courtyard of house.

Wákhá, wooden mortar (for pestle), foolish man.

Wámkkhá, undbrá, pig, boar.
Undrār, a hamlet.

Unsān, a spindle held in the hand. (Dharmsāla Gādi).

Ur, planting rice by hand, "assān naddā úr bhi-lei-chhadia," (we have planted the rice by hand in the marshes) cf. hauḍ.

Usahal, fr. osnā, a descent.

Usnā, ascend, as in "muhūn thoū nān usīndhā, maṭṭhā maṭṭh ilā" (by me it cannot be ascended, I will come slowly). (Dharmsā (Gādi)); cf. osnā.

Ut, stupid.

Utāhāñ, on that side.

Utārh, vomit.
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Title—Punjab Gazetteers
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