Dhananjayarao Gadgil Library

# BOMBAY 1885 to 1890 A study in Indian administration

## CONTENTS

----

СНАР	-								PAGE
I.	THE SCOPE OF THIS B	оок			**	•			9
11.	PHYSICAL ASPECTS OF	тне Е	OMBA	y Pi	RESII	DENCY	¥.	•	17
III. POLITICAL DIVISIONS OF THE COUNTRYTHE FOUR									
	PROVINCES OF BOM	IBAY	••	•		•	•	•	22
IV.	THE FRAMEWORK OF 1	не Р	RESID	ENCY	Go	VERN	MEN	r.	49
v.	DEALINGS WITH THE N	ATIVE	STA	TES			•		80
VI.	EDUCATION								126
VH.	Forests			•					189
-	LAND ADMINISTRATION								225
•	PUBLIC WORKS								275
	FINANCE	•							340
	EXCISE AND GENERAL								362
	PROTECTION OF PERSON AND PROPERTY: JUSTICE,								
	POLICE, JAILS .					-	-		4C2
XIII. LOCAL GOVERNMENT : MUNICIPALITIES AND DISTRICT									
	BOARDS	•	•		•		•		429
XIV.	MILITARY AND MARIN	Е.		•					449
xv.	SIND, ADEN, AND THE	PORT	UGUE	se P	OSSE	SION	s		466
				,					
INDE	х	•	۰.	•	•	•	•	487	-504

## PREFACE

OAKEN HOLT, CUMNOR, BERKS, 1st January, 1892.

DEAR MISS FLORENCE NIGHTINGALE,

Some time ago you asked me to write a book which would show the practical working of British administration in an Indian Presidency. You pointed out that while the yearly 'Statement of the Moral and Material Progress and Condition of India' supplies Parliament with the materials for judging of the results of our rule in India, there is no work readily available to the public which exhibits the local methods by which those results are attained. The constitution of the Supreme Government of India has, indeed, been ably treated of; but similar facilities do not exist for gaining a clear view of the modern mechanism of the Provincial Governments, and of their actual impact on the people.

The Presidency of Bombay discloses in a striking light the progressive and the conservative aspects of Indian administration, and the problem of State-ownership of the land in its most direct form. The recent Governor of

## PREFACE.

Bombay was peculiarly qualified to deal with questions arising in such a Province, for while trained in an hereditary conservatism of an almost archaic type, he was by personal character and conviction essentially a man of progress. I do not think that I could better fulfil the promise made to you, than by this account of the administration of Western India during the governorship of Lord Reay, from 1885 to 1890.

In laying out the work, I have not been forgetful of the points to which you drew my attention as helpful to a correct understanding of the subject. I open, therefore, with a brief sketch of the country, and of the diverse peoples which inhabit its four speech-divisions. I then explain the framework of the Presidency government, its internal constitution, and its relations on the one hand to the Supreme Government of India, and on the other to the Provincial administrative body. Its dealings with the multitudinous Native States, which form so conspicuous a feature of South-Western India, next pass under review; illustrated, I believe . for the first time, by an attempt to bring out in a clear light the various personal types presented by the Feudatory Chiefs.

Having thus exhibited the system of Provincial government, alike in regard to its internal constitution and its external relations, I proceed to exhibit it in contact with the population of the British Districts; and first of all its attitude to the progressive classes as expressed by the great Department of Education. The State ownership and State management of the land, from the initial questions connected with the conservation of scarcely inhabited forest tracts to the complex problems arising out of tenant-right in densely peopled and closely cultivated areas, occupy the central

#### PREFACE.

chapters of the book. The functions which the Government, as at once the chief landlord and the chief capitalist in India, is called on to undertake for the material progress of the country by means of public works, follow. I then endeavour to explain the new and extremely interesting developments which the decentralisation of Indian finance is bringing about. The Provincial taxation, apart from the land revenue, leads to a discussion of the much-vexed question of Indian excise, with its effects on public morals and on the discouragement, or the spread, of intemperance. The chapter on the protection of person and property reviews the judicial and police systems. I next pass to the question which is, perhaps, the crucial question of Indian Provincial administration in our time, and to which you asked my particular attention-the development of local self-government by means of municipal institutions and District Boards. An account is then given of the changes in the armament and defences of Bombay during the five years under review: and the volume concludes with certain questions which may materially affect the Presidency government at a not distant date.

Now that the work is done, to whom can I more fitly dedicate it than to you, dear Miss Nightingale—to you whose life has been a long devotion to the stricken ones of earth; to you whose deep sympathy with the peoples of India, no years of suffering or of sickness are able to abate?

I am,

Your Sincere Friend,

W. W. HUNTER.

## INDEX.

Abkári : see Excise.

- Aboriginal tribes, efforts for their education, 182, 183; their forest life, 196, 197; their wasteful cultivation in forests stopped, 217; right to collect forest produce, 218; drinking habits, 364.
- Abyssinians in the Konkan, 30.
- Accidents, considered in 'classing,' 241. Achárya, Ráo Sáheb Rámchandra Trimbak, member Forest Commis-
- sion, 203. Adam, Sir F. F., President Bombay Chamber of Commerce, 73; Charman Jubilee Technical Institute, 173; Bombay Extension Committee, 327; additional member Finance Committee, 350.
- Aden, Port Trust formed, 315, 479; incidence of income-tax, 397; Volunteers raised, 461, 462; defence works, 463; history, 1885– 1890, as a fortress, 478; as a settlement, 478–479; municipality, 479; as port, 479–480; trade, 479; dependencies, 480.
- Administration of Bombay, affected by the land system, 10, 11; its excellence, 77
- Adoption in Native States, 88.
- Advances to cultivators, 269, 270.
- Agriculture; question of agricultural education, 158, 159, 166-168; chair of, founded at Baroda, 168; services of the Survey to, 264; appointment of Director of, 265.
- Ahmadábád, district in Gujarát, 27; subsoil-water assessment in, 253; tálukdári tenure, 256; incidence of income-tax, 397.
- Ahmadábád city, the Gujarát College, 152, 153; medical school at, 155; Jubilee Celebration at, 271; railway

communication with Bombay, 281; proposed tramway to Dholera, 295; the Ellis Bridge rebuilt, 297; waterworks and drainage, 319, 320, 441; has a Small Cause Court, 409; excellence of its municipality. 438.

- Ahmadnagar, district in the Deccan, 31; its first settlement, 236; very httle drinking in, 367; local taxes, 439, 440.
- Ahmadnagar city, High School transferred to local authorities, 140; Ripon Hospital at, 317, 339.
- Ajrá, Jubilee Bridge at, 125.
- Akalkot, Native State in the Deccan, 31.
- Akbar, Emperor, incorporated Sind in Mughal Empire, 23.
- Ale, beer, and porter, import duty on, 374.
- Alexandra Native Girls' School, Bombay, 185.
- Alienation Settlements, 265-268.
- Allbless family, their charitable gifts to Bombay, 326, 338.
- American Missionary Society opened school at Bombay (1814), 129.
- Anand, railway to Godhrá from, continued to Ratlám, 282; railway to Petlád, 291.
- Animal hospital at Surat. 15.
- Anjuman-i-Islam, the, at Bombay, 179.
- Appeals, course of, 406.
- Apte, Mr., Principal of Fergusson College, Poona, 150. Arbuthnot, Lt.-Gen. Sir C. G., Com-
- Arbuthnot, Lt.-Gen. Sir C. G., Commander-in-Chief, Bombay, 60, 61, 449.
- Army, the Bombay; history, 449-451; question of its abolition, 451-454; reorganisation of commands, 454, 455; departmental reforms, 455-457; British troops, 457; Native troops,

457-460; numbers, 460; cost, 461; the Volunteers, 461, 462.

- Army Commission (1884), its recommendations, 451, 452
- Art, schools of, at Bhúj, 153; the Jamsetjee Jejeebhoy at Bombay, 169, 170.
- Asoka, eighth edict in Thána, 30; efforts to convert the Deccan, 31; the Karnátik, 45.

Assessed taxes, 396.

- Assessment, method of, under Bombay Survey system, 242; subsoil water assessment, 251-254
- Auckland, Lord, settled education controversy (1839), 130.
- Aundh, Native State in the Deccan, 31; left to the Collector of Sátára on breaking up of Sátára Jághírs, 119, 120.
- Aurungzeb, his attempts to conquer the Deccan, 33-36.
- Bahadurji, Dr., appointed professor at Grant College, 156.
- Báhmaní dynasty in the Konkan, 30; the Deccan, 32.
- Baillie, A F., quoted, on roads in Sind, 285, 286.
- Baird, Sir D., expedition to Egypt (1801), Bombay troops in, 450.
- Balasinor, Jubilee Municipal Hall, 125.

Balúchís, numerous in Sind, 25; the Balúch regiments, 458, 459.

- Bándra, Convent School at 185; no octroi levied at, 439.
- Bánsdá, Native State in Gujarát, 27; Jubilee Dharmsálá, 125.
- Bária, Native State in Rewa Kántha, refused to abolish transit duties, 123.
- · Baroda, Native State in Gujarát, 27; under Supreme, not Bombay Government, 80; railway extensions in, 289-291.
  - Baroda, Gáekwár of, character, 94; political attitude, 95, 96; founded chair at Grant College, Bombay, 156; and chair of Agriculture at Baroda, 168; his College at Baroda, 176; attitude on railway jurisdiction question, 290, 291; excise convention with Bombay Government, 373. Barsi, tramway to, 295.
  - Bassein, Dispensary founded at, by Sir D. Petit, 337.
  - Belgaum, district in the Karnatik, 44; large advances to cultivators in, 269; freedom from crime, 411; proportion

- of police to population, 426; dogtax in, 440; military command of, transferred to Madras (1885), 454.
- Bengali, Sorabjee, member Bombay City Abkári Commission, 389.
- Berbera, Port in Somáli Coast Protectorate, 481. Bhágdári tenure, 259.
- Bhandáris cr toddy drawers, strike of, in Bombay Island, 387; petition in 1735, 387, 388; settlement of their. grievances, 388, 389.
- Bháng, decoction of hemp, drunk in Sind, 371, 372; excise on, 392, 393
- Bhaunagar, Native State in Káthiáwár, change in framework of government, 98; administrative history (1870-1890), 105-115; Jubilee Waterworks, 124; railway to Wadhwan, 291.
- Bhaunagar, Mahárájá of, education, 107, 108; marriage, 108; popularity in his State, 115; endowed the Lady Reay Nurse Fund, 156.
- Bhils aboriginal race, riots in Mewar and Pol, 120; supported dacoits in Mahi Kántha, 122; religious movement among, 124; efforts to educate, 183; a forest tribe, 197; advances to, in Khándesh, 269; heavy drinkers, 364.
- Bhor, Native State in the Deccan, 31; placed under charge of Collector of Poona, 119; refused to abolish transit duties, 123.
- Bhor Ghát, trains allowed over at night in monsoon, 278.
- Bhownaggree, M. M., founded Nurses' Home at Bombay, 156, 326, 338.
- Bhúj, School of Art at, 123; Jubilee Waterworks, 124.
- Bijápur, district in the Karnátik, 44; first survey settlement of, 236; freedom from crime, 411.
- Bijápur city converted into headquarters' station of a British district, 316; by a convict gang, 427.
- Bisset, Major W. S., quoted on pressure on B. B. and C. I. Railway, 281, 282.
- Blanford, W. T., quoted on geology of Gujarát and Sind, 18.
- Bliss, H. W., member of the Finance Commission (1886), 349, 350.
- Bombay, Baroda and Central India Railway, 281, 282.
- Bombay Chamber of Commerce frequently consulted by Lord Reay,

73; elects deputies to the Port Trust 310; to the Municipality, 435.

- Bombay City, a great port, 13; government transferred to (1687), 49; railway routes from 278-281; new terminus, 279; the docks, 308, 309; the Port Trust, 309 311; the dockyard, 311-312; new buildings, 316; the Tansa Waterworks scheme, 323-325; drainage, 325; hospitals, 325-327; the Extension Committee, 327, 328; excessive drinking in, 366; protests against the excise policy, 383, 384; the Bombay Abkári Commission, 389; heavy incidence of income tax, 396; its Small Cause Court, 409 ; the Bombay City Police. 424. 425; Municipality. 433-437; the Municipal Act of 1888, 434-436; its budget, 436, 437; Jubilee celebration, 437; Volunteers, 461; defensive works, 463.
- Bombay City Abkari Commission, its appointment, 389; its recommendations on licenses, 377; on raw toddy, 389.
- Bombay City Municipal Act (1888), 434-436
- Bombay City Extension Committee, 327, 328.
- Bombay Education Society, 129, 130.
- Bombay Island ceded to Charles II
- (1661), 31. Bombay Presidency, its geology, 17, 18; geographical divisions, 19; mountains, 19; rivers, 19-21; see Excise, Land-system, &c.
- Bombay Roman Catholic diocese, 484, 485.
- Brab, strength of toddy from, 385.
- Braddyl, John, member of Bombay Government (1735), 387.
- Bráhmans, Maráthá, chief administrative caste in the Bombay Presidency, 12; their share in the Maráthá Confederacy, 39; founded the Fergusson College at Poona, 150; their keenness for education, 176.
- Brahmans, Nágar, their old monopoly of government in Bhaunagar, superseded, 98; their able rule in Bhaunagar, 107
- Brandis, Sir D., first Inspector-General of Forests in India, 192.
- Brandy, importation of, 374, 375. Brent, Capt. H. W., R.N., first Director of the Indian Marine, 464.
- Bridges, maintenance of, 296, 297; Jubilee at Ajrá, 125; railway at

Sukkur, 296; Ellis at Ahmadábád, 207.

- Broach, district in Gujarát, 27; tálukdári tenure in, 256; bhágdári tenure in, 259; heavy incidence of excise taxation, 366; of income-tax per head, 397; of rural local taxation. 447.
- Broach City, gymnasium founded at, by Mr. Dalal, 339; has a Small Cause Court, 409; riot of Talávias at (1885), 413, 414; bad municipality, 438.
- Buck, Sir E. C, sanctioned agriculural chemist and Pasteur Laboratory, 159.
- Buddhist remains in the Konkan, 30; in the Deccan, 32; at Upárkot in Junágarh, 117.
- Bulhar, port in the Somáli Coast Protectorate, attacked by the Esa tribe, 481.
- Burma, expedition to (1885), Bombay troops in, 451; their despatch from Bombay, 465.
- Caldwell, Bishop, quoted on Maráthá language, 43
- Cama Hospital for Women and Children at Bombay, 325, 326.
- Cama, Pestonji Hormusji, benefactions to Bombay City, 338.
- Campbell, Sir George, quoted on Madras land system, 245; on Bombay. system, 260.
- Campbell, James, his Bombay Gazetteers, 15.
- Campbell, Lt.-Col. John, his defence of Mangalore (1783), 450.
- Cantonment Magistrates, 409.
- Capital sentences have to be confirmed by the High Court, 404; number of (1885-1890), 411.
- Carter, Dr. Vandyke, founded Reay Lectureship at Grant College, 156.
- Castle Rock, teremony of opening Portuguese Railway at, 280.
- Cattle-breeding encouraged in the Panch Mahals, 211.
- Central Provinces, question of uniting with Bombay, 477.
- Chalukya dynasty in the Deccan, 32.
- Chiplonkar, S. H., represented complainants before the Forest Commission, 209.
- Church Missionary Society established schools in the Konkan, Deccan, and Sind, 129
- Clarence, Duke of, his lion hunt in Junágarh, 118.

- Classing in Bombay Survey System, 240-242.
- Clockstower, Jubilee, at Sádra, 124.
- Colleges in the Bombay Presidency, 145.
- Commandership-in-Chief in Bombay, question of abolishing, 451-454.
- Commanders-in-Chief in Bombay; see Arbuthnot, Connaught, Hardinge.
- Commercial activity in the Bombay Presidency, 14; evidenced by the revenue from stamps, 398.
- Companies, Joint Stock, increase in number of, 400.
- Competition, evils of, in excise administration, 312.
- Concordat of 1886, ending the Portuguese schism, 482-484.
- Connaught, Duke of, Commander-in-Chief in Bombay, 61, 449; favoured an Indian Sandhurst for Indian nobles, 92, 93, 184; quoted on Military Works Department, 334, 335; formed a Rifle Corps, 459; present at defence rehearsals, 463.
- Contracts, Provincial, History of, 341; the first, 342; the second, 342-344; the third, 344; the fourth, 348-356. Cooke, Dr. T., Principal of the Poona
- College of Science, 158; advocated a degree and course in agriculture, 159; efforts for practical agricultural education, 167; member of the Forest Reorganisation Committee, 220.
- Council, the Bombay, 50; its share in the Government, 70-73.
- Crawford, A. T., trial of, by a Special Commission, 414, 415.
- Crawford Commission, question of indemnity arising from, 415-417; debate on the Indemnity Act, 417-419.
- , 419. Crime, statistics and distribution of, 411, 412.
  - Cross, Lord, Secretary of State for India, dismisses Mr. A. T. Crawford, 415; speech in the House of Lords
  - on Lord Reay's policy, 419, 420. Crosthwaite, R. J., member of the Crawford Commission, 415.
  - Cultivated area, increase in, 264, 273.
  - Cunningham, Sir H. S., member of the
  - Finance Committee (1886), 349, 350. Customs, Internal, between Native States, endeavours to abolish, 85; maintained by Ráo of Cutch, 101.
  - Customs, sea-borne, on potable liquors, 373-375; affected by the Tariff Act, 375; revenue from, 395, 396.

Custom-houses, new, 316.

- Cutch. Native State in Gujarát, 27; Political Agent only gives advice, 82; question of a railway through, 284.
- Cutch, Ráo of, character of, 104; fosters the School of Art. 123; gives money for the relief of his subjects in Bombay, 124.
- Cutch, Rann of, no difficulty in making railway over, 284; the salt-works on, 394.
- Dábhol, new pier at, 315; customhouse, 316.
- Dacoity put down in Junágarh, 118; prevalence and suppression in Káthiáwár, 120-122; among the Kolis in Poona District, 219.
- Dakshina, grant by the Peshwas for education, 129, 146.
- Dalal, Dinshaw Pestonji, founded
- gymnasium at Broach, 339.
- Daman, Catholic diocese of, 484, 485. Dangs, The, Native States in the
- Deccan, 31; thinly populated, 81. Daphlápur, Native State, political
- charge removed to the Collector of Bijápur, 119
- Datubhai, Ibrahim, founded a hospital at Mándvi, 124.
- Davison, Captain, signed Joint Report of 1847, 236.
- Deccan, area and population, 31; history, 31-38; problems of administration, 41.
- Deccan Agriculturists' Relief Act (1879), 244, 273.
- Deccan College, name given to Poona College (1864), 149; would not merge with Fergusson College, 151, 152; its Law Class, 157.
- Deccan Education Society founded Fergusson College, 150.
- Decentralisation, Provincial, favoured by Lord Reay, 69; progress of financial, 340.
- Deers Leap, waterfall on the Tapti, 20.
- Defence Works at Bombay, Karáchi, and Aden, 462, 463.
- Departments of the Bombay Govern-
- ment, 50, 70. Dharampur, Native State in Gujarát, 27; Jubilee Dispensary at, 125.
- Dharmsála, Jubilee, founded at Bánsdá, 125.
- Dhárwár, district in the Karnatik, 44; survey settlement of, 236; freedom

from crime, 411; local taxes, 439; its rural taxation, 447. Dhárwár, town, Rájá of Kolbápur

- Dhárwár, town, Rájá of Kolbápur educated at, 90; Lingáyat Association, 181; railway centre, so paid much income-tax, 397.
- Dholera, proposed tramway to Ahmadábád, 225; new wharf, 315.
- Dhoráji, railway centre in Káthiáwár, 291.
- Dhrángadrá, Native State in Káthiáwár, reduced transit duties, 123.
- Dhúliá, sanitary works at, 320.
- Dispensaries : Jubilee, at Dharampur, 125; founded by Mr. Powalla at Bombay, 327, 338; at Bassein and Murbad by Sir D. M. Petit, 337; at Wada by Mr. N. M. Petit, 339.
- Distillation, Illicit, difficulty of checking, 372, 377, 380; on its increase from toddy, 391.
- Distilleries, Central and Public, different systems, 380.
- Diu, Portuguese port, dispute with Junágarh settled, 118.
- Dnyánoba, Maráthá poet, 43.
- Docks, the Bombay, 308-311.
- Dockyard at Bombay, question of removal to Hog Island, 312.
- Dogs, local taxes on, 440.
- Domvile, Capt., R.N., his expedition against the Esas, 481.
- 'Downward filtration' theory of education, 131, 134.
- Draper, William, member of Bombay Government (1735), 387.
- Drawing, increase of classes in, 170, 171.
- Drinking intoxicants, increase of, in India and Bombay, 370, 392.
- Drugs, narcotic, excise on, 392, 393.
- Dufferin, Lord, opposes needless interference with Provincial Governments, 69; laid foundation stone of Sind College at Karáchi, 153; efforts to fortify Indian ports, 462.
- Dufferin Fund, Lady, for trained nurses, supported by Bombay Native Princes, 124.
- East, Mr., designed water-supply for Bhaunagar, 110.
- Eau-de-Cologne, importation for drinking purposes stopped, 375.
- Edar, Native State, jail outbreak in, 122.
- Education; of Native Princes, 89-94, 183, 184; encouraged in Baroda, 95; Gondal, 100; Bhaunagar, 114; Na-

tive States generally, 123; its history in Bombay, 128-134; primary, 134-138; secondary, 138-143; bifurcation of studies, 143-145; higher education :- general, 145-153; the colleges, 145; Deccan College, 147-150; Fergusson, 151; Gujarát, 152; Sind, 153; professional, 154-159; Grant Medical College, 154-156; Law School, 156, 157; Poona College of Science, 157-159; Bombay University, 159-161; aided for directly managed schools, 161-163; payment by results abandoned, 163, 164; technical education, 164-176; in agriculture, 166-168; Veterinary College, Bombay, 168, 169; Bombay School of Art, 169, 170; the teaching of drawing, 170, 171; Victoria Jubilee Technical Institute, 171-173; technical education at Poona, 173, 174; in Sind, 175, 176; education in the Deccan and Gujarát, 176, 177; in Sind, 177; education of Muhammadans, 177-180; Lingáyats, 180, 181; depressed castes, 181, 182; aboriginal races, 182, 183; female education, 184, 185; general effect of, 186, 187; summary of advance in (1885–1890), 188.

- Education, Bombay Board of (1840-55), 130, 131,
- Education Commission, Indian (1882), 133, 134; recommendations on primary education, 137; quoted, on Bombay secondary education, 139, 140, 141; on aided education, 161, 163; condemned payment by results, 163; quoted, on education of Muhammadans, 178; of low castes, 182.
- Education Despatch of East India ' Directors (1854), 131, 132.
- Educational Franchise, established at Poona, 433.
- Egypt, Baird's expedition to (1801), Bombay troops in, 450.
- Eibat Island, dependency of Aden, 480.
- Election of representatives, question of, 432; proportion of elected members in district municipalities, 443, 444; Local Boards, 445, 446.
- Elliott, Sir C. A., approved changes in Public Works Department, 331; Chairman Finance Committee (1886), 349. 350.
- Elphinstone, Mountstuart, services to education in Bombay, 129 : views on

Hindu education, 146, 147; founds Poona Sanskrit College, 147; Minute on Education, 148; quoted on forests of the Konkan, 197; attempts at a land settlement, 231, 232.

- Elphinstone College, founded at Bombay (1827), 130; moved to a suitable site, 152, 317; Professor of Persian appointed at, 179.
- Engineering education, provision for, 157, 158.
- Erskine, C., first Director of Public Instruction, his policy, 132, 135.
- Erskine, H. N. B., Commissioner in Sind, advocated railway to Umarkot; 286; wharf at Karáchi called after, 314; author of irrigational settlements, 472.
- Esa tribe, expedition against (1890), 481.
- Excise or Abkári administration, attacks on, 363, 364; its aims, 372; purchased in Native States, 372,373; revenue produced by, 378; monopoly system, 378, 379; central and public distillery systems, 380; duty on minimum or guaranteed consumption, 381; out-still system, 38a, 383; raw toddy question, 384, 391; general results, 392; excise on drugs, 393.
- Exhibition, Industrial, at Poona, 174.
- Fagel, Baron, maternal grandfather of Lord Reay, 57.
- Fazandárs, opposition of, to taxation of toddy, 316.
- Fergusson, Sir James, Governor of Bombay, encouraged railways in Káthiáwár, 292; quoted on appointment of Inspector-General of Police, 426.
- Fergusson College, Poona, founded without consulting Supreme Government, 68; its history and growth, 150, 151; refused to merge with Deccan College, 151, 152.
- Fernandez, T. R., surveyed Bhaunagar State (1872-79), 113.
- Ferries, 297.
- Ferry across the Indus at Kotri, 284, 297.
- Field, definition of a, under Survey Settlement, 238-240.
- Fife, Lt.-Gen. J. G., designed Nira Canal, 305.
- Filgate, Lt.-Col. A. J., member Finance Committee (1886), 349, 350,
- Finance Committee (1886), 349-351.

- Financial Conference at Calcutta (1888), 357, 358.
- Financial relations of Supreme and Provincial Governments; see Contracts, Provincial.
- Fire, Protection from, in Bombay City, 436; in District Municipalities, \_\_\_\_\_443•
- Fire at Surat, 398, 443.
- Forest Act Amendment Law (1890), 214.
- Forest Commission (1885), 202-209.
- Forest Establishment Reorganisation
- Committee (1889), 220-222. Forestry, class in, at Poona College of Science, 158, 159, 221.
- Forests, their extent in India, 189, influence on climate, 191; 190; scientific forestry in India, 191, 192; early conservancy in Bombay, 192, 193; the Forest Department, 193; locality of Bombay forests, 194; Forest Settlements, 195, 196; aboriginal tribes, 196, 197; forest villages, 197, 198; forests in Thána and Kolába, 198, 199; rapid destruction, 199; agitation in Thána, 199-202; appointment of Forest Commission, 202-204; Lord Reay's speech, 204-208; report, 208-209; grazing in forests, 209-212; woodcutting, 212-214; rab cultivation, 214, 216; dalhi cultivation, 217; care of wild tribes, 218, 219; importance of demarcation, 219, 220; working plans, 220; Forest Establishment Reorganisation Committee, 220-222; Forest Officers made subordinate to Collectors, 221, 222; revenue from forests, 223.
- Fraser, Mr., appointed tutor to Rájá of Kolhápur, 90.
- Fremantle, Rear-Adm., Hon. E. R., consulted on removal of Bombay dockyard, 312.
- Frere, Sir Bartle, perceived the merit of Sir M. Melvill, 65; laid foundation stone of Deccan College (1864), 149; employed in the settlement of Indapur, 233-235; efforts to improve Karáchi harbour, 313; recurrence to his - Public Works Departmental arrangement, 331; his government of Sind, 468, 472.

Gáekwár, the ; see Baroda.

Gánja (hemp), excise on, 392. Gauríshankar Udeshankar, Diwán of Bhaunagar, 105, 106.

- Geology of the Bombay Presidency, 17, 18.
- Ghats, Western, 19-21; forests of, 194.
- Gibson, Dr., first Conservator of Bombay forests, 192; quoted on the agitation in Thana (1851), 199, 200.
- Gidhu Bandar to the Eastern Nara, railway proposed from, 284-288.
- Goa, Roman Catholic Archbishop of. position under Concordat (1886), 484.
- Goculdass Tejpal Hospital at Bombay, 325.
- Godhrá-Ratlám railway, 284, 287.
- Goldsmid, H. E., settled Indapur táluká, 233-235; signed Joint Report (1847), 236.
- Gondal, Native State in Káthiáwar, excellent administration, 100, 101; dacoity, 121; jail outbreak, 122; railways through, 291, 292.
- Gondal, Thákur of, character, 99, 100.
- Goudsmit, Prof., Lord Reay's tutor at Leiden, 57.
- Government of Bombay, form of, 50-53; Lord Reay's attitude towards, 74-77.
- Government of India, its relations with the Provincial Governments, 67, 68; did not approve of an Indian Sandhurst, 92; passed Forest Act Amendment Law (1890) at request of Bombay Government, 214; controls railways and irrigation, 275, 276, 298; difference as to proposed railway in Sind, 287-289; granted money for Karáchi harbour works, 314; financial relations with the provinces, 34I-345; with ,Bombay, 345-354, 357-360; passed Act of Indemnity for witnesses at Crawford Commission, 417-419; difference of opinion, 419; recommended severance of Sind, 467.
- Grant, Sir Alex., Director of Public Instruction, introduced grants in aid to schools, 161, 163; friendship with pupils, 187.
- pupils, 187. Grant, G. F. M., quoted on dislike of municipalities to direct taxation, 438.
- Grant, J. H., member Bombay City Abkári Commission, 389.
- Grant, Sir Robert, Governor of Bombay (1835 38), interest in medical education, 154.
- Grant Medical College, Bombay, history, 154, 155; the Petit Labo-

ratory, 155; new professorship added, 156.

- Gray, Brig. Surgeon W., quoted on Grant College, 155.
- Grazing in forests, question of, 209-212.
- Great India Peninsula Railway, 277-279.
- Greaves, Lt.-Gen. Sir G. R., opposed idea of Indian Sandhurst, 184.
- Greeks, the, their dealings with the Konkan, 30.
- Griffiths, Mr., Principal School of Art, Bombay, 169.
- Gujarát, Province of, boundaries and population, 27; history, 28, 29; problems of government, 29; Lord Reay's visits to, 176, 441; difficulty of making roads, 291.
- Gujarát College, Ahmadábád, transferred to a Local Board, 152, 153.
- Haidarábád. District in Sind, 23; bad roads, 285, 286; excessive criminality. 412.
- Haidarabád City, 26; medical school at. 155; railway designed from, 284.
- Harbours in the Bombay Presidency, 13; improvements in Karáchi harbour, 313, 314; smaller harbours, 315.
- Hardie, Robert, member Finance Committee (1886), 349.
- Hardinge, Lt.-Gen. Hon. Sir Arthur, Commander-in Chief in Bombay, 60, 449; used selection not seniority in filling commands, 75.
- Haug, Martin, head of Sanskrit Department, Poona College, 148, 149.
- Hemp (gánja), excise on, 392.
- Hext, Capt. John, Director of the Indian Marine, consulted on removal of Bombay Dockyard, 312; at head of the Indian Marine (1885-90), 464.
- Hog Island, question of removing the Duckyard to, 311, 312.
- Hope, Sir T. C., recommendations on Karachi harbour, 313, 314.
- Horne, John. Governor of Bombay (1735) on Bhandari's petition, 387.
- Horse-breeding encouraged in Bhaunagar, 109, 110.
- Hospitals: in Gondal State, 100; in Native States, 124; services to medical education in Bombay, 154, 155; new in Bombay, 325-327.

- Howard, Mr., Director of Public Instruction, 161.
- Humfrey, Major, reorganised Junágarh police, 118; put down dacoity in Káthiáwár, 121.
- Hurford, Miss, Principal of the Poona High School for Girls and Female Training College, 185.
- Hutchins, Sir P. P., speech on Mámlatdars Indemnity Act, quoted, 417, **▲**18.
- Immigration into sparsely populated districts, 273.
- Improvements, tenant's right to profit by his, 243, 247, 248.
- Inám Commission, 266.
- Income-tax re-imposed (1886), 396; proceeds and incidence, 397, 398. Indápur táluká, result of first survey
- settlement of, 234-236.
- Indian Feeder Lines Company, 294.
- Indian Midland Railway, 278.
- Indus River, 19, 20; bridge over, at Sukkur, 296; ferry over, Gidhu Bandar to Kotri, 284, 297; importance as irrigating Sind, 300
- Industrial Association of Western India, 174. Industrial Museum, the Reay, at
- Poona, 174
- Institutes, Jubilee, at Palánpur and Radhánpur, 194; regimental, 457.
- Irish Presbyterian Missionary Society, established schools in Káthiawár, 120.
- Irrigation, a duty of the Indian Government, 297, 298; under Supreme Government, 298, 299; amount spent on, 299; in Sind, 300-304; in the Deccan, 304, 305; Lord Reay's remarks on irrigation works in the Deccan, 305-307.
- Irrigation Settlements in Sind, 255, 256.
- Jacob, H. P., quoted on technical schools in Sind, 175, 176; services to education in Sind, 177, 472; to Muhammadan education, 180; recommends monitor system, 187.
- Jágri, spirit from, drunk in the Karnátik, 371.
- Jails in the Bombay Presidency, 427.
- Jail outbreaks at Bhaunagar, 111; at Edar and Gondal, 122.
- Jains, numerous in the Karnátik, never drink intoxicants, 365.

Jaipur, Mahárájá of, Lord Reav's opinion of, 97, 98.

Jamábandi of a village, 268.

- Jamkhandi, Native State in the Karnåtik, 44.
- Jamsetjee Jejeebhoy, Sir, gave lakh of rupees for the Deccan College (1863), 149; founded hospital at Bombay (1843), 154. Jamsetjee Jejeebhoy Hospital at Bom-
- bay, works in harmony with Grant Medical School, 154; extended by foundation of Petit and Motlibal Hospitals, 155, 325.
- Jamsetjee Jejeebhoy Mechanical Engineering School, part of the Victoria Jubilee Technical Institute, 172.
- Jamsetjee Jejeebhoy School of Art at Bombay, 169, 170.
- Janjira, Native State in the Konkan, 30.
- Jasdán, Chief of, character and administration, 102, 103.
- Jath, Native State in the Deccan, 31; political charge removed to Collector of Bijápur; 119.
- Jawhar, Native State in the Konkan, 90.
- Jodhpur, proposed railway through, 284; salt works purchased, 394.
- Jodhpur, Maharaja of, Lord Reay's opinion of, 97.
- ' Joint Report (1847),' defined Bombay Survey Settlement, 236.
- Jubilee, the Queen's (1887), memorials of, in Native States, 124, 125; the Victoria Jubilee Technical Institute at Bombay, 171-173; fund raised by Lingávats to commemorate, 181; celebration by Tálukdárs at Ahmadábád, 271; general rejoicings at Bombay, 437.
- Judges, Local, powers in civil matters, 405, 406; criminal matters, 406, 407; number of, in Bombay proper, 409; in Sind, 410; proportion of natives, 410.
- Judicature, Bombay, High Court of, constitution, 402, 403; powers, 403, 404.
- Judicial Department, 70, 71.
- Judicial system in Gondal State, 100; in Bhaunagar, 114.
- Junágarh, Native State in Káthiáwár, description, 117, 118; suppression of dacoity, 118; settlement with the Portuguese, 118; railways in, 119, 291; transit duties abolished, 123.
- Justice, Administration of, in Bombay

Presidency; the High Court, 403-405; civil courts, 405, 406; appeals, 406; criminal courts, 406, 407; magistrates, 407, 408; Small Cause Courts, 408, 409; expense of, 412, 413.

- Kadarbux, Káthiáwár dacoit, executed (1886), 122.
- Kádirdád Khán, Khán Bahádur, his technical schools, 175, 176; services to education in Sind, 177.
- Kaira, District in Gujarát, 27; narvádári tenure in, 259; small amount of drinking in, 367; proportion of police to population, 426; pilgrim tax levied, 439.
- Kamal, Maráthá land settlement, 229, 230.
- Kánara, North, District, 44; need of labour in, 273, 274; average consumption of intoxicants in, 366; free from serious crime, 411; local taxes on carts, 439; dogs, 440.
- Kánarese-speaking districts; see Karnátik.
- Karáchi, District in Sind, 23; excessive criminality in, 412; proportion of police to population, 426.
- Karáchi City, great port of the future, 13; growth and trade, 25, 26, 474, 475; the Sind College at, 153; Madrasa, 180; need of railway facilities, 282, 283; history of port and harbour, 313, 314; Port Trust, 314; incidence of income-tax, 397; has Small Cause Court, 409; the Empress Market, 442; volunteer corps, 461; defence works, 463; protests against severance from Bombay, 476.
- Karnátik, the Bombay, 44; its population, 44; history, 44, 45; not given to drinking intoxicants, 365; chiefly jágri, 371; freedom from crime, 411.
- Kárwár, important port, 13
- Káthiáwár, Peninsula in Gujarát, 27; the number of Native Chiefs, 96; their diversity, 98; Bhaunagar, 98, 99, 105-115; Gondal, 99-102; Jasdan, 102, 103; Lakhtar, 103; not all good, 104; Junágarh, 117-119; Agency Police formed, 120; which suppressed dacoity, 121; railways in, 291, 292.
- Kátkaris, forest aboriginal tribe, 197; heavy drinkers, 364.
- Kelkar, Ráo Bahádur Yeshvant Moreshwar, Secretary to Forest Commission (1885), 204.

- Khairpur, Native State in Sind, 23; sparsely populated, 81; administration of, 115-117.
- Khándesh, District in the Deccan, 31; immigration into, 273; introduction of central distillery system, 382; incidence of income-tax in, 397; amount of rural local taxation, 447. Khárághoda salt-works, 394.
- Khoti tenure in the Konkan, 258.
- Kolába, District in the Konkan, 30; amount of forest in, 197, 198; shared Thána's complaints against Forest laws, 198; represented before Forest Commission (1885), 209; ráb cultivation, 214, 215; spare land in, 273; large amount of drinking, 366; temperance movement in, 383; increase of drinking, on lowering tax on toddy, 390, 391; sea-salt works in, 394; local taxes on fishing boats, 439; amount of rural taxation, 447.
- Kolaba Cantonment, question of removing native garrison of Bombay to, 327, 328.
- Kolába Forest Sabha represented complainants before Forest Commission (1885), 209.
- Kolhápur, Native State in the Karnátik, 44; thickly populated, 81; recent dynastic history, 89; abolition of import and export duties, 122; construction of railways in, 292, 293.
- Kolhápur City, foundation of Technical School, 123.
- Kolhápur, Rájá of, education of, 89, 90.
- Kolis, forest aboriginal tribe, 197; enquiry into their condition, 219; excessive drunkenness, 364.
- Konkan, its population, 30; history, 30, 31; forests, 194, 198, 199; khoti tenure in, 258; climate causes inhabitants to drink, 364, 365.
- Kooriah Mooriah Islands, dependency of Aden, 481.
- Korygáum, Battle of (1818), 450.
- Kurla, municipality levies no octroi, 439.
- Kurundwád, Native State in the Karnátik, 44. Kwájas, Muhammadan commercial
- Kwájas, Muhammadan commercial class, numerous in Sind, 25.
- Laboratories: the Petit in connection with Grant College, Bombay, 155, 328; Pasteur at Poona College of Science, 159, 337; Bacteriological at Veterinary College, Bombay, 168,

337; Physical at the Jubilee Technical Institute, 173. 'Ladder theory' in education, 137,

- 140.
- Lakha Bhagat, leader in Talávia riot at Broach (1885); hanged, 414.
- Lakhtar, Thákur of, character, 103.
- Lallubhai, Dwarkadas, founded dispensarv at Bombay, 338.
- Lambton, John, present at resolution on Bhandáris (1735), 387.
- Land administration, interest of, in Bombay, 9, 10; British system introduced into Bhaunagar, 113; its basis in India, 224-226; different in each province, 227, 228; early land settlements in Bombay, 229; the Maráthá, 229, 230; Elphinstone's views, 231, 232; Pringle's settlement, 232, 233; Williamson's settlement, 233, 234; settlement of Indápur, 234-236; the Joint Report (1847), 236; the survey system, 237, 238; definition of a field or number, 238-240; classing, 240; accidents, 240, 241; irrigation value, 241; assessment, 242; the survey tenure, 243, 244; its advantages, 245, 246; revision of settlements, 246, 247; tenant's right to improvements, 247, 248; position class, 249, 250; subdivision of 'numbers,' 250, 251; subsoil water assessment, 251-254: work of Survey and Settlement Department, 254, 255, irrigation settlements in Sind, 255, 256; unpopularity of revised settlements, 261; alienation settlements, 265 268.
- Land Records and Agriculture, Department of, 263, 264.
- Land Revenue, collection of, in Bombay, 268, 269; its amount and division between Supreme and Bombay Governments, 345, 346, 353; cost of collecting, 354, 355.
- Language, the Sindi, 24, 471 ; the Maráthí, 42, 43.
- Lansdowne, Lord, Viceroy of India, opposed unnecessary interference with Provincial Governments, 69; speech on Mámlatdárs Indemnity Bill, 418, 429.
- Latham, Baldwin, revised the drainage scheme at Ahmadabád, 320; consulted on drainage of Bombay, 325.
- Law School at Bombay, 156, 157. Le Breton, Maj., Examiner Public Works Accounts, his reforms, 332.
- Lee-Warner, W., quoted on the workshops, Poona College of Science,

174; on Bombay education (1885-90), 188; additional member of Finance Committee (1886), 350.

- Legislative Council, the Bombay, 50; debate on the land system in, 261, 262; on Bombay City Municipal Act, 434, 435.
- Licenses, separation of foreign and country liquor, in Bombay, 376, 377.
- Lighthouses under Bombay Public Works Department, 315.
- Lingáyats, zeal for education, 180; their Jubilee fund, 181; petition on Bráhman monopoly of office, 181; total abstainers, 365.
- Lions still found in Junágarh, 117.
- Literature, Sindí, 25; Maráthí, 43, 44
- Local Boards in rural districts, 444-448; introduction of election, 445, 446; their number, 446; income, 446; expenditure, 447.
- Local Government, approved by Lord Reay, 78, 79; expediency of, in India, 429-432; elected versus nominated members. 432; municipalities, 432-444; local boards, 444-448.
- London Missionary Society founded schools in Gujarát. 129.
- Luckhardt, Col. W., Commissary-General in Bombay, reorganised his departments, 456.
- Lunatic Asylum built at Ratnágiri, 317.
- Luseria, School for Bhils established at, 183.
- Lyon, Surgeon-Maj., Analysis of and report on toddy, 384, 385.
- McAfee, Mrs., Principal Ahmadábád High School for Girls, 185.
- Macaulay, Lord, won victory for Anglicists against Orientalists in Indian education, 130.
- Mackay, Donald James, Lord Reay; see Reay.
- Mackay family, history of. 54-57. Mackenzie, T. D., quoted, on village sanitation, 321.
- Mackichan, Dr., appointed Vice-Chancellor, Bombay University, 160, 161,
- Macnaghten, Principal of Rájkot College of Native Princes, 107.
- Magistrates, powers of, 407, 408; numbers, 409, 410; honorary, 410.
- Mahi Kántha, group of Native States in Gujarát, 27; Bhil riots in, 120;

Agency Police formed, 120; transit duties abolished, 123.

- Mahi river, 20.
- Mahim, new custom-house built at, 316.
- Mahuá spirit. 371.
- Maiwand, Battle of, 451.
- Málik Ambar, land settlement of, 229.
- Mámlatdárs, revenue duties of, 268; the Mámlatdárs Indemnity Bill, 416-420.
- Mándvi, hospital founded at, 124.
- Mangalore, Bombay troops in the defence of (1783), 450.
- Maráthá country divided into Konkan and Deccan, 30.
- Maráthás, a conquering race, 11; India conquered by the British from, 12, 37, 38; conquest of Gujarát, 28; struggle with Aurungzeb, 35, 36; extension of their power, 36, 37; system of organised pillage, 37; character of the Maráthá Confederacy, 39, 40; collapse of their financial system, 42, 230; character of the people, 42; language, 42, 43; literature, 43, 44; land settlement, 229, 230; join the army less, 458.
- Marine, Indian, headquarters at Bombay, 463; organised (1877), 464; size, 464, 465; services in transporting troops, 465.
- Marmagáo, port in Portuguese territory, 13; railway completed from, 280, 482; harbour improvements needed, 315.
- Massah Islands, dependency of Aden, 480.
- Matrimonial cases, jurisdiction in, 403, 404.
- Maurypur-Moach, salt-works at, for Sind, 394.
- Mayo, Lord, Viceroy of India, his decentralisation policy, 67, 68; views on education of Native Princes, 91; decentralised finance, 340; con-sidered separation of Sind from decentralised finance, Bombay, 468.
- Mayur Pandit, Maráthá poet, 43, 44.
- Medical education in Bombay, 154-156.
- Mehmadábád, municipality superseded, 438.
- Mekránis, their dacoities in Káthiáwár, 121, 122,
- Melvill, Sir Maxwell, his career, 64, 65; character, 65-67. Merewether, Col. Sir W. L., his ad-
- ministration of Sind, 472,

- Merewether Pier, Karach, Gr3, 114 Military Commissions for younger sons of Native Princes, 92, 93, 184, Military officers, good Officer appointing to civil post. 75, 76.
- to civil posts 75, 76.
- Military Works Department formed, 334, 462.
- Mill, John Stuart, drafted Educational Despatch (1854), 131. 'Minimum theory' of relation of Impe-
- rial and Provincial finance, 359.
- Miráj, Native State in the Karnátik, 44.
- Missionaries, services to education in Bombay, 128, 129; their Colleges in Bombay, 145.
- Mitra, Rájendra Lála, quoted, on use of intoxicants in ancient India, 368, 369.
- Monsoon, course of the, in the Bombay Presidency, 17.
- Morland, Sir H., Chairman of Bombay Town Council, knighted on occasion of the Jubilee, 437.
- Morvi, Native State in Káthiáwár, 102; railways in, 292.
- Morvi, Chief of, character, 101, 102; a railway builder, 292.
- Motlibai, Bai, founded hospital in Bombay, 155, 325, 337.
- Movar Sadháni, dacoit leader in Káthiáwár, 121, 122.
- Mudhol, Native State in the Karnátik, 44; abolished transit duties, 123.
- Mughal Empire incorporated Sind, 23; conquered Gujarát, 28; endeavoured to subdue the Deccan, 33-36.
- Muhammadans, the majority in Sind, 23; their educational backwardness, 178, 179; efforts to improve, 178, 179; their land settlement in the Deccan, 229; do not drink liquor, 371, 392.
- Municipal Hall, Jubilee, at Bálásinor, 125
- Municipalities; in Gondal State, 101; Poona, 432, 433, 442; Bombay, 433-437; the Bombay City Municipal Act, 434-436; the district municipalities, 437-444; number, 438; local taxation : octroi, 438, 439; direct, 439, 440; expenditure: on public health, 441, 442; convenience, 442; instruction, 442, 443; safety, 443; proportion of elected members, 443, 444; Ahmadábád, 441, 442; Surat, 442; Aden, 479.
- Munro, Sir Thomas, settled the Karnátik, 45.

- Murbád, dispensary founded at, by Sir D. M. Petit, 337.
- Mutiny of 1857, Bombay army only slightly affected, 450, 458.
- Mysore Railways, worked by Southern Marátha Company, 279.
- Nadiád, Agricultural Society's experimental farm, 168; has Small Cause Court, 409.
- Nagpur, District command transferred to Bombay army (1888), 454.
- Nágpur-Bengal Railway, 278, 279.
- Nam Deva, Maráthá poet, 43.
- Napier, Gen. Sir C. J., conquered Sind, 23; first Governor of Sind, 467, 468.
- Nára Canal, Eastern, railway proposed to, 284, 287.
- Narbadá river. 20.
- Narottamdas, Harkisondas, munificent offer of a Hospital, 338.
- Nárukot, Native State, its small population, 81.
- Narvádári tenure, 259, 260.
- Nash, Lieut., helped to settle Indápur táluká, 235.
- Násik, District in the Deccan, 31; first survey settlement, 236; local dogtax, 440; incidence of rural local taxation, 447.
- Násik town, tramway to Násik Road Station, 295.
- Native Chiefs in Bombay, their varying character, 83; instances of bad chiefs, 86-88; right of adoption, 88; education of minors and younger sons, 89-93; characters of rulers of Baroda, 94-96; Bhaunagar, 98, 99; Gondal, 99-101; Morvi, 101, 102; Jasdán, 102, 103; Lakhtar, 103; Cutch, 104; Khairpur, 115-117; advantages of the maintenance of a Native Chief, 115.
- Native States, numerous in Bombay, 12, 13; area and population, 80; variety, 81, 82; duties of British Political Agents, 82, 83; policy pursued towards, 82, 85; question of railway jurisdiction, 85, 86; interference occasionally justified, 86 88; Baroda, 94-96; Kathiáwár, 96-115; Gondal, 100, 101; Bhaunagar, 105-115; Khairpur. 115-117; Junágarh, 117-119; break up of the Sátára Jághirs, 119; Bhil riots, 120; dacoity, 120-122; abolition of transit duties, 122, 123; education, public works and hospitals, 123, 124; cele-

bration and memorials of the Jubilee, 124, 125; railways in. 269 293; right of excise purchased by the British Government, 372, 373; of opium growing, 393; of salt making, 394.

- Nawánagar, Native State in Kathiawar, Dacoity in, 121; transit duties abolished, 123.
- Naylor, J. R., Acting Member of the Bombay Council, 64; drafted the Bombay City Municipal Act, 434.
- Nira Canal in the Deccan, 305.
- Nizam, Excise Convention with, 373.
- North-Western State Railway, 282, 283:
- Nulkar, Ráo Bahádur Krishnáji Lakshman, member of Forest Commission (1885), 204.
- 'Number' or field, definition of, 238-240.
- Nurse Fund, Lady Dufferin's, supported by Native Princes, 124.
- Nurse Fund, Lady Reay s, endowed by Mahárájá of Bhaunagar, 156.
- Nurses, Home for, founded by M. M. Bhownaggree, 156, 328, 338.
- Nutt, Capt. H. L., tutor to Mahárajá of of Bhaunagar, 108.
- Octroi duties, levied by municipalities, 438, 439.
- Ollivant, J. E., Municipal Commissioner, helped to draw up Bombay City Municipal Act, 434.
- Opium revenue in Bombay, 393.
- Osborn, Capt. Sherard, recommended removal of Bombay Dockyard, 312
- Out-still system, abolished in Bombay, 382, 383.
- Ozanne, E. C., Director of Land Records and Agriculture, member of the Forest Commission (1885), 203; bis experiments on ráb, 215; services to agriculture, 265.
- Pálanpur, Native State in Gujarat, 27; Agency Police formed, 120; transit duties abolished, 123; Jubilee Instistute built, 124.
- Panch Maháls, District in Gujarát, 27; encouragement of cattle breeding 211; advances made for rebuilding houses, 270; immigration into, 273; central distillery system introduced, 382; light amount of income-tax, 397; made a Regulation District (1885), 402; proportion of police, 426; small receipts of local rural taxation, 447.

- Parantij, Municipality superseded 438.
- Parsi school for girls at Bombay, 185; gift by Panchayat Fund for a mortuary, 338.
- Pasteur Laboratory founded at Poona College of Science, 159; on site given by Sir D. M. Petit, 337.
- Pechev-Phipson, Mrs. Edith, head of Cama Hospital, Bombay, 326.
- Peile, Sir J. B., member of Council, career and character, 61, 62; efforts for Muhammadan education, 279.
- Percival, E. H., Joint Administrator of Bhaunagar, his administration, 105-115; quoted on advantage of maintaining Native Princes, 115.
- Percival, G., present at Resolution about Bhandaris (1735), 387.
- Perim. Island near Aden, growing importance as a coaling station, 479, 480.
- Perry, Sir T. Erskine, President Bombay Board of Education, his policy, 131, 139; professorship of jurisprudence founded to commemorate, 156, 157
- Petit, Sir D. M., arranged removal of Elphinstone College to another site to make room for Jubilee Technical Institute, 152, 171, 172, 337; founded hospital for Women and Children at Bombay, 155, 325, 337; and Bacteriological Laboratory at Bombay Veterinary College, 169, 337; created a baronet (1890), 336; other benefactions. 337. Petit, F. D., founded Laboratory at
- Guant Medical College, 155, 338.
- Petit, N. M., founded dispensary at Wáda, 339.
- Petroleum, duty on, imposed (1888), 396.
- Peyton, Lt.-Col., member of Forest Commission (1885), 203.
- Phaltán, Native State in the Deccan, 31; left under political charge of the
- Collector of Sátára, 119, 120. Phythian, Mr., First Principal of the Jubilee Technical Institute, 172.
- Police Administration, in Gondal State, 100, 101; in Bhaunagar, 111; Agency Police formed to suppress dacoity, 120; the appointment of an Inspector-General of Bombay Police, 421-423; his reforms, 423, 424.
- Police Bill (1890), 423, 424.
- Police, the Bombay; the District Police, 421, 422; Bombay City

Police, 424, 425; Railway Police, 425; numbers and constitution. 425; distribution and cost, 426; Village Police, 426, 427.

Police lines built, 317, 318.

Political agents, their duties in Native States, 82.

Political Department, 80, 82.

- Poona, District in the Deccan, 31; schools for aboriginal tribes opened in, 183; Koli discontent, 219; settlement of Indápur and rest of district, 234-236; discontent at revised settlements, 261; roads made to open up hilly tracts, 296; average incidence of excise, 366; heavy income-tax paid, 397; excessive criminality, 412.
- Poona City, its colleges, 146-152; medical school, 155; industrial exhibition, 174; educational advantages, 176; terminus of South Maráthá Railway, 279; sanitary works, 320; drinking increasing, 366; has a Small Cause Court, 409; new Municipal Act, 432, 433; local taxes, 439; municipal works, 442; the Reay Market, 442.
- Poona College, its history (1852-64); 148, 149; created Deccan College, 149.
- Poona College of Science, its history, 157; engineering, agriculture and forestry taught, 158, 159; Pasteur laboratory added, 159: its workshops, 173, 174 ; new buildings, 317.
- Poona Sanskrit College, founded by Elphinstone, 147; defended by him, 148; English Department founded. (1842), and became Poona College (1852), 148.
- Porbandar, railways in, 291, 292.
- Port Trusts: Bombay, 309-311; Karáchi, 314; Aden, 315, 479, 480.
- Portuguese, the, a conquering power in the Konkan, 30: dispute between Diu and Junágarh settled, 118; always accompanied by friars and priests, 129; completion of West of India Portuguese Railway, 280, 281, 482; ceded excise rights by treaty (1878), 394, 395. 482; relations with Bombay Presidency (1885-00), 482, 483; end of the schism, 483-485.
- Position class introduced into survey settlement, 249.
- Pot numbers, or subdivisions of fields, 239, 250, 251.
- Powalla, S. C., founded Dispensary at Bombay, 327, 338. •

I 1 2

Prescott, Bruce, murdered by Talávias at Broach, 413.

- Pringle, R. K., his land settlement, 232, 233.
- Pritchard, Sir C. B., Acting Member of Council, 63; as Commissioner advocated railways in Sind, 286; his excise administration, 378; opposition to his reforms, 383; quoted, on the manufacture of toddy spirit, 385, 386; his Salt Policy, 394.
- Public Instruction, Department of, founded (1855), 132; see Education.
- Public Works, in Baroda, 95, 96; Bhaunagar, 110, 111; in Native States, 124; importance and variety in India, 274, 275; railways, 275-294; tramways, 294, 295; roads, 295, 296; bridges, 296; ferries and steamships, 297; irrigation, 297-307; the Bombay Docks, 308-312; Karáchi harbour works, 312-314; lighthouses, 315; material fabric of ráchi harbour works, government, 315-318; buildings, 316, 317; police lines, 317, 318.
- Public Works Department, only administers railways, 277; and irrigation, 298; intricacy of accounts, 328; reforms in the staff, 330-332; in Public Works Accounts Branch, 332; saving effected, 333, 334; formation of Military Works Department, 334.
- Quetta District command transferred
- to Bengal, 454. Quinton, J. W., member of Crawford Commission, 414.

Ráb Cultivation, 215, 216.

- Rádhanpur, Native State in Gujarát, 27; joint Hindu and Muhammadan ministers, 120; Jubilee Institute, 124.
- Railway Jurisdiction in Native States, question of, 85, 86, 96.
- Railway Police, 425.
- Railways, strategic value of, 47, 48; encouraged by Native Chiefs; Gondal, 100: Morvi, 102; Bhaunagar, 111; Junágarh, 119; Great India Peninsula Railway, 277-279; Southern Maráthá, 279-281; West of India Portuguese, 280, 281; Bombay, Baroda and Central India, 281, 282; Godhrá-Ratlám, 281; North-Western, 282-283; question of in Sind, 282-288; in Baroda, 289-291; Kathiawar, 291, 292;

Kolhápur, 292, 293; table of progress (1885–90), 294.

Rájkot, railway to, 292.

- Rájkot, College for Native Princes at, difficulties inherent in, 91, 92; religious education advised by Thákur of Lakhkar, 103; decline in popularity, 183, 184.
- Rájpipla, Native State in Gujarát, 27; school for Bhils at, 183.
- Rájputána, Lord Reay's opinion of its chief princes, 97, 98.
- Rámdrúg, Native State in the Karnátik, 44
- Ranade, Ráo Bahádur Mahadeo Govind, member of the Finance Committee (1886), 349.
- Ratlám, Railway to Godhrá, 281, 282.
- Ratnágiri, District in the Konkan, 30; very closely occupied, 273: proportion of liquor-shops near the coast, 365 ; toddy drunk, 371 ; incidence of income-tax very light, 397; singularly free from crime, 441; proportion of police to population, 426; rural local taxation very light, 447; people prefer working in Bombay mills to enlisting in the army, 458.
- Ratnágiri Town, Industrial School, 175; custom house, 316; lunatic asylum, 317.
- Reay, Lady, Nurse Fund, endowed by Mahárájá of Bhaunagar, 156.
- Reay, Lord, ancestors, 54-57; education and career, 57-59; appointed Governor of Bombay (1885), 59; attitude towards the Council, 69 71 ; the Secretariat, 71-73: views on patronage, 74; tours, 76; preferred individual discussion to meetings of Council, 76, 77; attitude towards Native Chiefs, 84, 86, 88-94, 97, 98, 103, 104; cut first sod and opened railway to Veráwal, 119; views on primary education, 137, 138; on secondary education, 142-144; efforts to merge the Poona Colleges, 150-152; on medical and legal education, 156, 157; agricultural education, 159, 168; expectations from 'aided' schools, 163, 164; definition of technical education, 165, 166; opened Jubilee Technical Institute, 172; encouragement of Gujarát, 176; and of Sind education, 177: reply to the Lingávats, 181; on female education, 185; speech to the Forest Com-

500

mission, 204-208; defended Survey and Settlement Department, 248; views on sub-soil water assessment, 253; opened West of India Portuguese Railway, 280, 483; obtained the Godhrá-Ratlam railway, 282; and Mehsana-Viramgam railway, 201; cut first sod Dhoraji-Porbandar railway, 992; opened Sukkur Bridge, 296; speech on irrigation works in the Deccan, 305-307; inaugurated Ahmadabad drainage works, 320: interest in Bombay hospitals. 325-327; speech on Public Works policy, 330; re-forms in Public Works Department, 331-334; quoted, on raw toddy question, 390, 391; aims of his excise policy, 401; praised by Lord Cross, 419: resignation refused, 420: interview with a deputation declining municipal government, 431; opinion on army corps swisks presidential armies, 453.454; against the severance of Sind, 407.

- Reav Industrial Museum at Poona,
- 174. Reav Lectureship at Grant College,
- Reay Market at Poona. 412.
- Reay Workshops at Bombay School of Art, 170.
- Regimental Institutes, 457.
- Registration Department, 398-400; revenue from. 400.
- Rewa Kantha, Native States in Gujarat, 27; transit duties abolished in all but Baria, 123.
- Rice, export duty on, 396.
- Richards, Rear-Adm., Sir F. W., consulted on transference of Bombay Dockyard, 312.
- Richey, Sir J. B., member of Council, 62, 63: representative of Bombay at the Financial Conference 1888, 357. 358.
- Ripon Hospital at Ahmadnagar, 317, 339-
- Ripon Textile School in Victoria Jubilee Technical Institute, 172.
- Roads, made in Bhaunagar, 111; badness in Sind, 285, 286; difficulties of making in Gujarat, 291; in the Bombay Presidency, 295. 296.
- Roberts, Gen. Sir F., opposed idea of an Indian Sandhurst, 184.
- Roman Catholics, early educational efforts of, 128, 129; college at Bombay, 145; convent school at

Bandra, 185; ending of Portuguese schism, and new arrangement of dioceses, 483-485.

- Rum, import of, 374. 375.
- Sabarmati River, 20.
- Sachin, Native State in Gujarat, 27.
- Sadra, Jubilee Clock Tower at, 124; Bhils educated at, 183.
- Saint George's Hospital at Bombay, 327.
- Salisbury, Lord. Secretary of State of India, approved cession of Central Provinces to Bombay, 477.
- Salmon, Captain, captured dacoit leader (1885), 121.
- Salt Act (1890', 395.
- Salt; history of salt-tax in Bombay, 393. 394; salt works in, 394; cession of salt rights in Native States, 394; in Khairpur, 117; in Portuguese territories, 394, 395; the tax increased (1888), 395-
- 'Sandhurst, an Indian,' favoured by Lord Reay and the Duke of Connaught, 92, 93; opposed by Sir F. Roberts and Sir G. Greaves, 184.
- Sángli, Native State in the Karnatik, 44.
- Sanitation, 318, 319; sanitary works at Ahmadabad, 319, 320; at Poona, 320; sanitation in villages, 320, 321; Bombay Village Sanitation Bill, 321-323.
- Sargent, Sir Charles, Chief Justice of Bombay, 403.
- Satara, District in the Deccan, 31; slight use of intoxicants, 367; freedom from crime, 411; local taxes, 439-
- Satara Jaghirs, historical group of Native States, broken up (1887), 119; transit duties abolished, except in Bhor, 123.
- Savanur, Native State in the Karnátik, 44; its small size, 81.
- Sawantwadi, Native State in the Konkan, 30.
- School, description of indigenous, in Bombay, 136, 137; see Education, Schools of Art, Technical Schools.
- Scots Brigade in Holland, 54-56.
- Scottish Missionary Society, its educational work in Bombay and the Konkan, 129; the Wilson College, Bombay, 145.
- Secretariat, the Bombay, 52; Lord Reay's attitude towards, 71-73; and opinion of, 77, 78

- Seedaseer, Battle of, Bombay troops in, 450
- Sethna, Mr., appointed a Law Professor by Lord Reay, 157.
- Settlements, Land; see Land Administration.
- Sháhbudin, Kázi, founded scholarships for Muhammadans, 179, 180.
- Shikarpur, District in Sind, 23; amount and incidence of local rural taxation, 447
- Shikarpur Town, 26.
- Shilotri tenure in the Konkan, 259.
- Sholapur, District in the Deccan, 31; first survey settlement, 236; heavy incidence of income-tax, 397; freedom from crime, 411; local taxes, 440; incidence of local rural taxation, 447.
- Sims, Proctor, carried out public works at Bhaunagar, 110, 111.
- Sind, history, 23; population and religions, 24, 25; trade and commerce, 25, 26; towns, 26; problems of British rule, 26, 27; technical schools, 175, 176; education, 177; babul reserves, 194; irrigation settlements, 255, 256; advances to cultivators, 269; Managership Sind Encumbered Estates abolished, 270, **271**; question of railways, 282, 288; badness of roads, 285, 286; irrigation, 300-304; bhang drunk, 371, 372; excise on bhang, 392, 393; central distillery system introduced, 382; salt-works, 394; non-regulation, 402; Judicial Commissioners Court, 401, 405; number of judges and magistrates, 410; municipalities depend on octroi duties, 439; question of severance from Bombay, 467-477; --- historical arguments, 467-469; geographical, 469-471; administrative, 471-473; military, 473, 474; commercial, 474, 475; what would be the result, 478; local memorial against, 476.
- Sind College at Karáchi, 153.
- Sindi language, 25, 471. Sivají, pillaged Surat, 28; crowned at Ráigarh, 31 ; his reign, 35 ; dynasty, 39
- Small Cause Courts, 408, 409.
- Socotra Island, protectorate established over (1886), 480.
- Somáli Coast Protectorate, 481.
- Soudan, expedition to the, Bombay troops engaged in, 451; the transport of, from Bombay, 465.

- Souter, Sir F. H., Commissioner of the Bombay City Police, member Bombay City Abkári Commission, 389; death, 425.
- South Maratha Railway, its extension, 279, 280.
- Srídhar, Maráthá poet, 43.
- Stamps, revenue from, 398.
- Staunton, Major, won battle of Korygáum (1818), 450.
- Steamship companies serving Bombay, local traffic, 297.
- Steel, Vet.-Surg., first Principal of Bombay Veterinary College, 168.
- Stokes, H. E., Madras member of Calcutta Financial Conference (1888), 358.
- Strachey, Sir John, quoted on Provincial Contracts, 343, 344.
- Sukkur, gaining importance from the railway, 26; bridge over the Indus at, opened by Lord Reay, 206.
- Summary Settlement Act, 267.
- Surat, District in Gujarat, 27; heavy incidence of excise on drink, 366; incidence of rural local taxation, 447.
- Surat City, animal hospital at, 14; pillaged by Sivají, 28; headquarters of the Bombay Government to 1687, 49: the Arabic College, 179; the Tapidas Laboratory, 339; incometax from, affected by the great fire, 398; has a Small Cause Court, 409; its municipal undertakings, 441, 442.
- Surgána, Native State in the Deccan, 31.
- Survey and Settlement Department; for its work, see Land Administration; its work almost at an end, 262, 263.
- Survey Tenure, 243, 244, 247.
- Talávias, riot of, at Broach (Nov. 1885), 413, 414
- Talikot, Battle of (1565), 32, 40.
- Talpur Mirs, dynasty in Sind, 23.
- Táluká Boards, 445-
- Tálukdári tenure in Gujarát, 256, 257.
- Tálukdárs of Gujarát, schools for, 184 ; their indebtedness and special legislation to relieve them, 257, 258, 271, 272; celebration of the Jubilee, 271.
- Tánkha settlement, 229.
- Tansa Water-works, scheme to supply Bombay, 323-325.
- Tapidas, Dayabhai and Domodardas, founded Laboratory at Surat, 339.

- Tápti River, 20.
- Tariff Act (1887), 375.
- Taxation, see Assessed Taxes, Excise, Stamps, &c.
- Taylor, George, present at resolution on Bhandáris (1735), 387.
- Teak trees, Government rights to, reserved in Bombay, 192, 193; granted to occupants, 214.
- Technical education, Lord Reay's encouragement of, 164, 165; definition of, 165, 166; in agriculture, 166-169; art, 169-171; mechanics, 171-176.
- Technical Institute, Victoria Jubilee, at Bombay, 171-173.
- Technical Schools, at Kolhápur, 123;
- Poona, 173, 174; in Sind, 175, 176. Telang, Kashinath Trimbak, appointed a Law Professor, 157; a Judge of the High Court, 403.
- Temperance movement in Thana and
- Kolába, 383, 384. Temple, Sır Richard, Governor of Bombay, encouraged forestry, 193, 195; promoted railways in Káthiáwar, 291, 292; quoted, on the first Provincial Contract, 342; on consumption of intoxicants in ancient India, 368, 369; on abolition of the out-still system, 382, 383.
- Tenures in Bombay : the survey, 243; tálukdári, 256, 257; khoti, 258; shilotri, 259; bhágdári and nárvadári, 259, 260; of alienated holdings, 265, 266,
- Thákurs, a forest tribe, 197.
- Thána, District in the Konkan, 30; forests in, 197, 198; agitation against forest laws, 199 202; orders issued on grazing in forests, 211; on ráb, 216; much cultivable waste, 273; heavy incidence of excise per head in, 366; temperance movement, 383; toddy licenses, 390; led to illicit distillation, 391, sea-salt-works, 394; excessive criminality, 412; local municipal taxes, 439; large amount of local rural revenue, 447.
- Thána Forest Association, presented case for agitators against forest laws, 209.
- Thar and Parkar, District in Sind, 23; prosperity and need of a railway, 285; incidence of income-tax light, 397; proportion of police to population, 426; small amount of local
- rural revenue, 447. Thompson, Mr., of Khedwara Mission, attempts to educate Bhils, 183.

- Toddy, 371; its strength, 384, 385; easy to make spirit from, 385, 386; taxation of, 388, 389; reduced (1886), 389, 390; Lord Reay's minute on, 390, 391.
- Torpedo boats supplied for defence of Bombay, and Karáchi harbour, 463. Tramways, 294, 295
- Transit duties in Native States, progress of the abolition of, 122, 123.
- Transport, military, efforts to improve, 456.
- Trees planted in Bhaunagar, 114; forest trees of Bombay, 194; planted on road-sides by Local Boards, 447.
- Trevor, Mr. A. C., quoted on the importance of irrigation to the revenue of Sind, 303, 304.
- 'Tribute theory' of relations of Imperial and Provincial finance, 359, 360.
- Tulsi Lake supplies Bombay with water, 323

Turkarám, Maráthá poet, 43.

- Udaipur, Maharana of, Lord Reay's opinion of, 97.
- Udu, salt-works at, 394.
- Umarkot, railway designed from Gidhu Bandar to, 284.
- University of Bombay, founded (1857), 133; refused to grant degree in agriculture, 158, 159; its importance to Bombay education, 159, 160; bill for its reorganisation suspended, 160; Dr. Mackichan appointed Vice-Chancellor, 160, 161.
- University Schools Final Examination, 143.
- Upárkot in Junágarh, Buddhist caves at, 117.
- Upper Sind Frontier, District in Sind, 23; small amount of local rural taxation, 447.
- Vaccination, progress in Gondal State, 100.
- Vágris, aboriginal tribe, heavy drinkers, 364.
- Várlis, forest tribe, protected against forest rules (1851), 200.
- Vehar Lake supplies Bombay with water, 323.
- Vengurla, new lighthouse constructed at, 315.
- Veráwal, port in Junágarh State, railway made to, 119, 291.
- Veterinary College, Bombay, founded

(1886), 168; given a laboratory by Sir D. M. Petit, 169.

- Vidal, G. W., Chairman Forest Commission (1885), 203; member Forest Establishment Reorganisation Committee, 220.
- Village communities, coparcenary, traces of, in Gujarát, 259, 260.
- Village Conservancy Bill, 321, 323.
- Village Police, 426, 427.
- Volunteer Corps, 461, 462.
- Wáda, dispensary founded at, by N. M. Petit, 339.
- Waddington, Mr., Principal of Gujarát College, 153.
- Wadhwan, Girasia School at, 184; railway to, from Bhaunagar, 291; Morvi, 292.
- Wadia, Nauroji N., first honorary secretary Victoria Jubilee Technical Institute, 173.
- Wards Estates, 270.
- Water supply, Bhuj and Bhaunagar, 124; Ahmadábád, 319, 320; Poona, 320; Bombay, the Tansa scheme, 323-325.
- West, Sir Raymond, member of Council, his character, 63, 64; evidence on secondary schools, 141, 142; his University Reorganisation Bill, 160; quoted, on the finding of the Crawford Commission, 415, 416; introduced Police Bill, 424.
- West of India Portuguese Railway, completed, 280, 281, 482. Westland, J., member Finance Com-

mittee (1886), 349, 350; Chairman Financial Conference (1888), 357-359

- Whisky, increase in importation of, 374-
- Williamson, Thomas, his views on land settlement, 233.
- Wilson, Mr. Justice Arthur, Chairman Crawford Commission, 414.
- Wilson College, Bombay, 145, 317
- Wines, import duties on, 374.
- Wingate, Sir George, helped to settle Indápur táluká, 235; signed Joint Report (1847), 236; reduced 'classing' to a system, 240
- Wise, Col., appointed first Inspector-General of Police, 426; his reforms and administration, 427. Wodehouse, Sır Philip, Governor of
- Bombay, appointed the Joint Administrators of Bhaunagar, 105
- Women, allowed to study at Grant Medical College (1884), 155; female education in Bombay, 184, 185.
- Wordsworth, Dr., Principal of Deccan College, 149; influence on his pupils. 187
- Wroughton, R. C, member of Forest Commission (1885), 203.

Yadava dynasty in the Deccan, 32.

Yerrowda, Juvenile Reformatory at. 316; Central Jail, 427.

Zaila, port in Somáli Coast Protectorate, 481.

THE END.

504

## Works by Sir William Wilson Munter, K.C.S.I., C.I.E.

M.A. (BALLIOL COLLEGE), LL.D. (CAMBRIDGE).

## THE ANNALS OF RURAL BENGAL.

FIFTH EDITION, 16s.

'One of the most important as well as most interesting works which the records of Indian literature can show. . . . Yellow-stained volumes from each District Treasury in Bengal, family archives from the stores of Rájás, local information collected by Pandıts specially employed for the purpose, folk-lore supplied by the laborious inquisition of native gentlemen, manuscripts in London, Calcutta, and Bengal,—have all been laid under contribution; and, as the initial result, we have the first volume of what promises to be a delightful and valuable history.'— *Westmuster Review.* 

'It is hard to over-estimate the importance of a work whose author succeeds in fascinating us with a subject so generally regarded as unattractive, and who, on questions of grave importance to the future destiny of India, gives the results of wide research and exceptional opportunities of personal study, in a bright, lucid, forcible narrative, rising on occasion to eloquence.'—*Times.* 

'Mr. Hunter, in a word, has applied the philosophic method of writing history to a new field. . . The grace, and ease, and steady flow of the writing almost made us forget, when reading, the surpassing severity and value of the author's labours.'—Fortnightly Review.

'A work of the greatest talent, and one which will make an epoch in Indian literature The facts are set forth with the scrupulous exactness of an honest and impartial judge, the scientific details are clothed in a dress at once clear and picturesque.'--Revue Bibliographique Universelle.

SMITH, ELDER & CO.

#### A LIFE OF THE EARL OF MAYO,

FOURTH VICEROY OF INDIA.

#### SECOND EDITION, TWO VOLS., 245.

'The picture presented to us of the late Lord Mayo is a fair and noble one, and worthy of the much-lamented original.'-Edinburgh Review.

' 'This masterly work has two great recommendations: it is the vividly and faithfully told narrative of the life of a man; and it contains a fucid and comprehensive history of recent administration in India.'—*The World*.

'It is long since we have come across a more admirable specimen of biographical literature... Nothing could exceed the completeness with which the biographer has told the story of a noble life and a great career.'—*The Hour.* 

'The story told in Dr. Hunter's book is full of the deepest interest. . . , A permanent and very valuable addition to the standard literature of India.'— Calcutta Quarterly Review.

'It is simply impossible that the story of this truly great and noble man's career could have been told more simply or more impressively.... The second volume constitutes a masterly and a complete account of the progress of legislation, administration, and reform in India during the last five years.'—Home News.

'In no other book with which we are acquainted can so comprehensive a sketch of the machinery of the Indian Government, and of the history of the great Departments which compose it, be found.'--Calcutta Englishman.

SMITH, ELDER & CO.

#### ORISSA:

#### Or THE VICISSITUDES OF AN INDIAN PROVINCE UNDER NATIVE AND BRITISH RULE.

Two Vols., MAP AND STEEL ENGRAVINGS, 328.

'The mature and laborious work of a man who has devoted the whole power of his mind, first to the practical duties of his profession as an Indian civilian, and next to the study of all that relates to or can illustrate it. As long as Indian civilians write books like this-as long as they interest themselves so passionately in their work, and feel so keenly its connection with nearly every subject which can occupy serious thought—the English rule will not only last, but will prosper, and make its subjects prosper too.'-Pall Mall Gazette.

'A model of what official research and scholarly zeal ought to do. Mr. Hunter's forcible and excellent literary style is a gift of the utmost importance. and makes his work as fascinating as it is full and laborious. A book of striking grasp, interest, and completeness.'-Fortnightly Review.

'It is difficult to know whether the book is most praiseworthy for its literary style, its wide grasp of facts, or its humane zeal.'-Westminster Review.

'More complete, more full of deep research, and more interesting than his first [work], excellent as that was. The present volumes lead us closely among the millions who form the Indian subjects of the Queen; teach us what they are in social, religious, and industrial aspects; make us acquainted with their ancient and modern history; and show us what waves of vicissitude have passed over them in faith and in administration, from the earliest period to which investigation can extend.'-Colonel Meadows Taylor in ' Ocean Highways.'

'A great subject worthily handled. He writes with great knowledge, great sympathy with the Indian people, a keen and quick appreciation of all that is striking and romantic in their history and character, and with a flowing and picturesque style, which carries the reader lightly over ground which, in less skilful hands, might seem tedious beyond endurance.'-Saturday Review.

SMITH, ELDER & CO.

## ESSAYS ON THE EXTERNAL POLICY OF INDIA.

BY THE LATE J. W. S. WYLLIE, M.A., C.S.I.,

Of Her Majesty's India Civil Service, sometime Acting Foreign Secretary to the Government of India. Edited, with a Life and Notes, by W. W. HUNTER, B.A., LL.D. ONE VOL., 145.

'The editorship of Mr. W. W. Hunter is a guarantee that the work is all that literary accomplishments can make it.'-Saturday Review.

SMITH, ELDER & CO.

## FAMINE ASPECTS OF BENGAL DISTRICTS.

SECOND EDITION, 75. 6d.

'One of the boldest efforts yet made by statistical science. . . . In this work he has laid down the basis of a system, by which he may fairly claim that scarcity in Bengal has been reduced to an affair of calm administrative calculation. ----Daily News.

'A work which deserves to be widely known and carefully considered by every one who wishes to understand the policy of the Government of India in relation to the famine.'-Pall Mall Gazette.

TRÜBNER & CO.

#### MUSALMANS. THE INDIAN SECOND EDITION, 8s.

'A masterly Essay.'-Daily News.

TRÜBNER & CO.

### A STATISTICAL ACCOUNT OF BENGAL.

IN TWENTY VOLS., HALF MOROCCO, 5S. EACH, WITH MAPS;

AND

## A STATISTICAL ACCOUNT OF ASSAM.

#### Two Vols., Half Morocco, 7s. 6d. each, with Maps.

'Un ensemble d'efforts digne d'une grande nation, et comme aucune autre n'en a fait jusqu'ici de semblable pour son empire colonial.'—*Revue Cruique*.

'The Englishman who dips, as we have done, into this deep spring, will be filled with a new and nobler pride for the Empire which his nation has made and maintained as their own in the East. Not warlike fame, nor imposing majesty, wealth, or the national power which guarantees the sovereignty of India, make upon him the strongest impression; it is much more the feeling of the earnest and responsible duty which fate has imposed upon his country to free India from anarchy and misrule,—to make it the England of Asia, and the centre of a new civilisation for that continent from which issued the first stream of enlightenment to enrich the world.'—Berlin Magazin fur die Literatur des Auslandes.

'We have here for the first time a trustworthy, intelligent, and interesting account of each District of the principal Province of India—a marvel of industry and organization of which any man might be proud.'—Calcutta Quarterly Review.

'A mine of varied and valuable material is here offered to the student of human history.'-North American Review.

'Twenty volumes of material, collected under the most favourable auspices, are built up under his hands into a vast but accessible storehouse of invaluable facts. Invaluable to the statesman, the administrator, and the historian, they are no less interesting to the general reader. Mr. Hunter undoubtedly has the faculty of making the dry bones of statistics live. But they also contain matter which may be regarded as the fountain of the yet unwritten history of Bengal. They are a guide for administrative action now. They also seem to be the point of a new departure for the future.'—Nineteenth Century.

TRÚBNER & CO.

## A DICTIONARY OF THE NON-ARYAN LANGUAGES OF INDIA AND HIGH ASIA:

#### BEING A GLOSSARY OF 139 LANGUAGES, BASED UPON THE HODGSON PAPERS, OFFICIAL RECORDS, AND MSS.

WITH A POLITICAL DISSERTATION ON THE ABORIGINAL RACES.

#### QUARTO, TWO GUINEAS.

'We trust that this book will be the starting-point in a new era for our Indian Empire, and that the course recommended in it will immediately engage the attention of our Indian statesmen.'—Athenœum.

'Mr. Hunter has prefixed to the body of his work a Dissertation which it is within our competence to appreciate, and which we unhesitatingly pronounce to contain one of the most important generalizations from a series of apparently isolated facts ever contributed to Indian history. . . It is between these [non-Aryan] masses and the British Government that Mr. Hunter hopes by his book to establish a lasting link; and whatever the result of his linguistic labours, in this one labour of mercy he has, we believe, succeeded.— Spectator.

3

#### OPINIONS OF THE PRESS ON A DICTIONARY OF THE NON-ARYAN LANGUAGES OF INDIA AND HIGH ASIA, continued.

'The political value of Mr. Hunter's new book is this, that he has put before the public, official and non-official, such a view of the character and capacities of the non-Aryan tribes, and of our gross mismanagement of them in the past, that no one, whether the Government or the Christian Church, will dare to withhold from them the civilisation which will convert at least twelve millions of frank, truthful, industrious races into the most loyal of our subjects.'—Friend of India.

'The primitive non-Aryan population of India has seldom been the subject of European research. The ignorance of their habits and views inevitably brings forth mistakes in dealing with them, and the author traces their chronic hostility to the British power in a large measure to this source. He discloses the means for putting an end to this unhappy state of things, and for utilizing the tribes as soldiers and reclaimers of the soil . . . Besides this very practical aim, Mr Hunter's Dictionary will bring the important ethnological questions which he has propounded in his Dissertation nearer to a definite solution.'--Literarisches Centralblatt.

'It is a singular good fortune for the aboriginal tribes of India to have drifted into the favour of so brilliant a writer and so accomplished a scholar. Their connection with Mr. Hunter was one of those accidents in history which are the mother of great events.'—*Hindu Patriot*.

#### TRÜBNER & CO.

## THE IMPERIAL GAZETTEER OF INDIA.

'The Imperial Gazetter will be the fruit and condensation of a series of Statstical Surveys of each of the Administrative or Political Divisions of India, specially and minutely compiled within moderate limits of time.'—Despatch from the Secretary of State to the Government of India, dated 22nd February, 1877.

'A great work has been unostentatiously carried on for the last twelve years in India, the importance of which it is impossible to exaggerate, and the results of which are now, in a carefully digested form, presented to the public. This is nothing less than a complete Statistical Survey of the entire British Empire in Hindustan, which Dr. Hunter has condensed into the practical form of an Imperial Gazetteer of India. . . The article, INDIA, in Volume IV., is the touchstone of the work, and proves clearly enough the sterling metal of which it is wrought. It represents the essence of the 100 volumes which contain the results of the Statistical Survey conducted by Dr. Hunter throughout each of the 240 Districts of India. It is, moreover, the only attempt that has ever been made to show how the Indian people have been built up, and the evidence from the original materials has been for the first time sifted and examined by the light of the local researches in which the author was for so long engaged. . . . In treating of ancient India, the author has made no use of Mill's work, but has written the history afresh from original translations of the Sanskrit literature of the period. The story of mediæval India could scarcely be told without the aid of Elphinstone's well-known work, but Dr. Hunter has gone back in every case to the original sources, from Elphinstone to Ferishta, and from him to the Arab geographers and Persian historians contained in Sir Henry Elliott's nine volumes on the same subject. In the accounts both of ancient and mediaeval India, use has been made of the latest discoveries of the Archæological Survey, which is still being carried on. The great feature of this remarkable article, and that in which its chief usefulness consists, is, perhaps, the constructive account of the Indian people, and the synthesis of Hinduism from the actually existing facts, as revealed by Dr. Hunter's survey and by the first Indian census. -The Times (first notice, May 26, 1881).

'The publication of the Imperial Gazetteer of India marks the completion of the largest national enterprise in statistics which has ever been undertaken. This

#### OPINIONS OF THE PRESS ON THE IMPERIAL GAZETTEER OF INDIA, continued.

gigantic work has been carried out under the uninterrupted direction of Dr. Hunter, its original designer, from the initial stage of local inquiry in each of the 240 Districts of India to the final arrangement of the results in an alphabetical form. . . . The great value of this work is not only that it gives for the first time a complete account of India, and places in a clear light before our eyes the political, social, and physical condition of millions of our fellow-subjects, of whom before we had no accurate conception; but that it also breaks the long spell of disappointment and failure, which has hitherto hung over the efforts of the Indian Government towards an elucidation of the country it governs. Hitherto no one has believed in Indian statistics. Every official statement made on any Indian subject has been contradicted point-blank. . . . The volumes supply, for the first time, materials by means of which British statesmen at home, and the British public at large, can criticise the actions of our Proconsuls in the East. Both Englishmen and native Indians will be thankful for a work, the accuracy, fulness of detail, completeness of information, and masterly arrangement of which constitute it a real and invaluable help to all who do honest work in India, and to all who honestly judge of Indian work at home. . . . It is one of the grandest works of administrative statistics which have ever been issued by any nation, and should earn for its author and designer the gratitude of every one who has the welfare and good government of our Indian Empire at heart. -The Times (second notice).

<sup>4</sup> The Statistical Survey of India marks an epoch in the approximation of Indian rule to our English ideas of good government, and forms the necessary complement to the transfer of India from a Commercial Company to the direct administration of the Crown. That transfer placed the authority over the Indian Government in the hands of the Imperial Parliament, but it supplied no data by which the people of England, through their constitutional representatives, could safely wield their newly acquired authority. ... Of the obstructions and difficulties which such a work was sure to encounter, Dr. Hunter says not a word. . . . This masterful silence as to difficulties thrust on one side, obstacles beaten down, unjust jealousies and just susceptibilities conciliated, and individual wills controlled, is the finest characteristic of the body of Englishmen who administer India : and is a distinctive trait of our countrymen, wherever they are called upon to rule in the colonies and outlying dependencies which form the mighty aggregate of the wide-scattered British Empire. . . . No nation has ever attempted so comprehensive, so detailed, and so stupendous a statistical enterprise, and the whole has been planned and executed with a smoothness and a certainty which are truly marvellous.'-The Athenaum.

'The Imperial Gazetteer is the crowning work which brings the results of the great Statistical Survey within reach of the general public. It represents twelve years of incessant labour, demanding many high qualities for its efficient execution, and natural gifts such as are rarely combined in one man. Learning, experience, and scholarly research were no less essential than habits of accurate thought, administrative talent, and orderly, methodical arrangement. Above all, imagnation was needed - that quality without which work cannot be endued with life and movement, but remains dead, a mere receptacle of lifeless facts. It is to the rare combination of literary skill and the imaginative faculty, with the qualifications of an able and energetic administrator, that we owe the completion of this great and difficult task. It is no ordinary service that Dr. Hunter has done to India and to England; and, for his hard and admirably performed achievement, he has earned the gratitude of his countrymen.'— *Clements R. Markham in the 'Academy*.'

'A model of combined lucidity, conciseness, and comprehensiveness..., Emphatically a great work-great in its magnitude, and still greater in the beneficial results it is calculated to produce.'—*The Economist.* 

'The Imperial Gazetteer of India, which, without exaggeration, may be called a magnificent work, alike in its conception and execution, will go far to supply

#### OPINIONS OF THE PRESS ON THE IMPERIAL GAZETIEER OF INDIA, continued.

the present and future guardians of our great dependency with the securate and systematized knowledge of the countries and peoples under their rule, without which the highest political ability and the very best intentions are condemned to work in the dark If Dr. Hunter had no other claim—and he has many to the gratitude of all interested in the welfare of the inhabitants of India, and the efficiency of the machine of government on which much of their happiness and prosperity depends, this splendid memorial of his ability, industry, and perse verance would have been sufficient to give him a place among those who have worthily performed great and useful tasks.'—The Statist.

'Lord Mayo, as Viceroy, appointed Dr. Hunter to the head of the Indian Statistical Department, and entrusted to him the descriptive survey of this great country inhabited by 240 millions of men. . . , In nine volumes he presents an exposition of the Indian Empire. The Imperial Gazetteer of India is an example of clearness and comprehensiveness with the concise treatment of all the essential features of a country. Although alphabetically arranged, the Gazetteer is no bare survey of the matters dealt with. It sets forth the trusts of the author's personal and long-protracted researches, and forms a monument of Dr. Hunter's knowledge of the topography, agriculture, administration, and health-aspects of the whole Empire of India.'—Kölmsche Zeitung.

ŞMITH, ELDER & CO.

## A BRIEF HISTORY OF THE INDIAN PEOPLE.

#### Three shillings and sixpence.

STANDARD EDITION, REVISED TO 1892. SEVENTY SIXTH THOUSAND.

This Edition incorporates the suggestions received by the author from Directors of Public Instruction and other Educational authorities in India 118 statistics are brought down to the Census of 1891; and its narrative, to 1892. The work has received the emphatic approval of the organ of the kinglish School Boards. It is largely employed for educational purposes in Europe and America, and as a text-book prescribed by the University of Calcutta for its Entrance Examination from 1886 to 1891.

Within the compass of some 250 pages we know of no history of the people of India so concise, so interesting, and so useful for educational purposes as this.'—The School Board Chronicle (London).

"A Brief History of the Indian People," by W. W. Hunter, presents a sort of bird's-eye view both of India and of its people from the earliest dawn of historical records. Although designed as a popular handbook, the little volume is a work of authority and of original value."—The Daily Nerves (London).

'Dr. Hunter may be said to have presented a compact epitome of the results of his researches into the early history of India; a subject upon which his knowledge is at once exceptionally wide and exceedingly thorough . . . The book is excellently adapted, either as an introduction to more extended studies on the subject, or to give a respectable measure of general knowledge to people who have not the time or opportunity to acquire more.'—The Scotsman (Edinburgh).

'Dr. Hunter's history, if brief, is comprehensive. It is a storehouse of facts marshalled in a masterly style; and presented, as history should be, without the slightest suspicion of prejudice or suggestion of partisanship. Dr. Hunter observes a style of severe simplicity, which is the secret of an impressive presentation of details.'—The Daily Review (Edinburgh).

"We part from Mr. Hunter with much respect for the care he has taken in writing this small manual. We consider it to be by far the best manual of Indian History that has hitherto been published, and quite equal to any of the Historical Series for Schools, edited by Dr. Freeman. We trust that it will soon be read in all the schools in this Presidency."—The Times of India.

#### OPINIONS OF THE PRESS ON A BRIEF HISTORY OF THE INDIAN PEOPLE, continued.

Extract from a criticism by Edward Giles, Esq., Inspector of Schools, Northern Division, Bombay Presidency — 'My knowledge of Schools in this country has led me to the conclusion, that the experience of the students of history is confined to the acquisition of masses of statistics, names and dates, learnt without intelligence. What we require is a book which shall be accurate as to facts, but not overloaded with them; written in a style which shall interest, attract, and guide uncultivated readers; and short, because it must be sold at a reasonable price. These conditions have never, in my opinion, been realized previous to the introduction of this book.'

'The publication of the Hon. W. W. Hunter's School History of India is an event in literary history.'-Rais & Rayyet (Calcutta'.

'We have not come across a single work on Indian History which we have read with greater pleasure and greater pride. As a historian, Dr. Hunter has done full justice to the people of India. He has succeeded in writing a history of India. not only in such a way that it will be read, but also in a way which we hope will lead young Englishmen and young natives of India to think more kindly of each other. The Calcutta University has done wisely in prescribing this brief history as a text-book for the Entrance Examination.—The Hindoo Patriot (Calcutta).

THE CLARENDON PRESS, OXFORD.

## ENGLAND'S WORK IN INDIA.

TENTH THOUSAND. One shilling. 'The fruit and condensation of Mr. Hunter's labours.'

### A LIFE OF THE MARQUESS OF DALHOUSIE.

Two Shillings and Sixpence.

'To no one is the credit for the improved condition of public intelligence [regarding India] more due than to Sir William Hunter. From the beginning of his career as an Indian Civilian he has devoted a rare literary faculty to the task of enlightening his countrymen on the subject of England's greatest dependency. . . . By inspiring a small army of fellow-labourers with his own spirit, by inducing them to conform to his own method, and shaping a huge agglomeration of facts into a lucid and intelligible system, Sir W. Hunter has brought India and its innumerable interests within the pale of achievable knowledge, and has given definite shape to the truths which its history establishes and the problems which it suggests. . . . Such contributions to literature are apt to be taken as a matter of course, because their highest merit is to conceal the labour, and skill, and knowledge involved in their production ; but they raise the whole level of public intelligence, and generate an atmosphere in which the baleful influences of folly, ignorance, prejudice, and presumption dwindle and disappear. . . . No one we think, who fairly studies Sir W. Hunter's exact and lucid narrative of these transactions, can question the result which he seeks to establish-namely, that Lord Dalhousie merely carried out with moderation and skill a policy deliberately adopted by the Government before his arrival in the country-a policy the strict legality of which cannot be disputed, and which was inspired by the growing sense that sovereigns exist, not for their own enjoyment, 

'A skilful and most attractive picture... A valuable contribution to modern history.'-- The Academy.

'A writer whose thorough mastery of all Indian subjects has been acquired by years of practical experience and patient research.'—The Athenaum.

7

### OPINIONS OF THE PRESS ON A LIFE OF THE MARQUESS OF DALHOUSIE, continued.

'Never have we been so much impressed by the great literary abilities of  $S_{\rm H}$  William Hunter as we have been by the perusal of "The Marquess of Dathouse" . . . The knowledge displayed by the writer of the motives of Lord Dalhouste's action, of the inner working of his mind, is so complete, that Lord Dalhousie himself, were he living could not state them more clearly In the next place the argument throughout the book is so lucid, based so entirely upon facts, resting upon official documents and other evidences not to be controverted, that the opponents of Lord Dalhousie's policy will be sorely put to it to make a case against him. . . . Sir William Hunter's style is so clear, his language so vivid, and yet so simple, conveying the impressions he wishes so perspicuously that they cannot but be understood, that the work must have a place in every hbrary, in every home, we might say, indeed, every cottage.'- Evening News

' It can be read at a sitting, yet its references-expressed or implied-suggest the study and observation of half a life-time '- The Daily News.

THE CLARENDON PRESS, OXFORD.

## A SHORTER LIFE OF LORD MAYO.

ONE VOL., 28. 6d.

'Sir William W. Hunter has contributed a brief but admirable biography of the Earl of Mayo to the series entitled "Rulers of India," edited by hunself (Oxford, at the Clarendon Press). The volume is in every way worthy to rank with the same writer's well-known "Marquess of Dalhousie," contributed to the same series.'-The Times.

'In telling this story in the monograph before us, Sir William Hunter has combined his well-known literary skill with an earnest sympathy and tulness of knowledge which are worthy of all commendation. . . . The world is indebted to the author for a fit and attractive record of what was eminently a noble hite '-The Academy.

'The sketch of The Man is full of interest, drawn as it is with complete sympathy, understanding, and appreciation. 'The story of his life Sir W. W. Hunter tells in well-chosen language - clear,

succinct, and manly. Without exaggeration and in a direct, unaffected style. as befits his theme, he brings the man and his work vividly before us.'- The Glasgow Herald.

'All the knowledge acquired by personal association, familiarity with administrative details of the Indian Government, and a strong grasp of the vast problems to be dealt with, is utilised in this presentation of Lord Mayo's personality and career. Sir W. Hunter, however, never overloads his pages, and the outlines of the sketch are clear and firm .- The Manchester Express.

'The final chapter must either be copied verbally and literally-which the space at our disposal will not permit-or be left to the sorrowful perusal of the reader. The man is not to be envied who can read it with dry eyes. ----Allen's Indian Mail.

The little volume which has just been brought out is a study of Lord Mayo's career by one who knew all about it and was in full sympathy with it. . . Some of these chapters are full of spirit and fire. The closing passages, the picture of the Viceroy's assassination, cannot fail to make any reader hold his breath. We know what is going to happen, but we are thrilled as if we did not know it, and were still held in suspense. The event itself was so terribly tragic that any ordinary description might seem feeble and laggard. But in this volume we are made to feel as we must have felt if we had been on the spot and seen the murderer "fastened like a tiger" on the back of the Viceroy.'--Dady News, Leading Article.

THE CLARENDON PRESS, OXFORD.