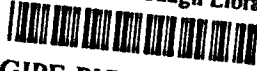


421

Dhananjayrao Gadgil Library



GIPE-PUNE-000421

INDIA,  
THE LAND AND THE PEOPLE.

*Sadabhai's copy*

4

Rare section

# INDIA,

THE LAND AND THE PEOPLE.

BY

SIR JAMES CAIRD, K.C.B., LL.D., F.R.S.

*WITH MAP OF INDIA*

---

Third Edition.

---

CASSELL & COMPANY, LIMITED:

LONDON, PARIS & NEW YORK

1884.

[ALL RIGHTS RESERVED.]

U8.2.M8

B4

421

To

THE RIGHT HONOURABLE SIR LOUIS MALLET,

Late UNDER SECRETARY OF STATE FOR INDIA.

MY DEAR MALLET,

With your permission I dedicate to you this book on India and its People, with a warm acknowledgment of the valuable assistance you have readily afforded me in the consideration of questions which for the last twelve years have engaged your constant attention.

Believe me,

Sincerely yours,

JAMES CAIRD.

3, ST. JAMES'S SQUARE,

Oct. 1883.

## P R E F A C E .

---

AFTER the great famine in India of 1876-7, the author was invited by the Marquis of Salisbury, then Secretary of State for India, to become a member of the Famine Commission, which was appointed by Her Majesty's Government to inquire into the whole circumstances of that calamity, with a view to the adoption of such means as might enable timely provision to be made to meet the inevitable recurrence, in that country, of seasons of dearth. The inquiry embraced the whole of India, and its results were embodied in the Report of the Commission, which has been laid before Parliament.

In traversing the country with the Members of the Commission, men eminent in their respective provinces, and two of them native gentlemen holding high office under native Princes, an unusually favourable opportunity for observation of the Land and the People was afforded. Whatever, at the time, appeared worthy of note was recorded in the author's note-book. And much was seen

by a fresh eye, accustomed to seek reasons for diversity of systems affecting the prosperity of those engaged in the cultivation of the land, which is the chief business of the people of India.

The author desires to take the reader with him over the same course, from the outset of his journey at Southampton to his arrival in India, and thence over its various provinces. In the final chapters some special features of the policy which should be kept in view in our dealings with India are set forth, and certain main principles also which the author recommended in regard to the treatment of famine, on which the Commission were not fully agreed.

The chapter on Egypt in a previous Edition has been withdrawn to make room for the author's recommendations, in his Special Report, to Her Majesty's Government, respecting the future policy to be adopted in India.

The author desires here to express his obligations to his colleagues on the Famine Commission, and their very able Secretary, Mr. C. A. Elliott, for the valuable assistance he received from them in his inquiries while in India.

3, ST. JAMES'S SQUARE,

*September, 1884.*

# CONTENTS.

	PAGE		PAGE
Map . . . . .		Wheat-Sowing in the Taptee Valley . . . . .	23
Dedication . . . . .	iii	Nerbudda Valley—Jubbulpore . . . . .	24
Preface . . . . .	v	Allahabad . . . . .	25
 <b>CHAPTER I.</b> <b>THE VOYAGE OUT.</b>			
Gibraltar . . . . .	2	Money - Lenders compared with English . . . . .	26
Arrangements on Board . . . . .	3	Fine Crops in Gangetic Plain . . . . .	27
Malta, Fortifications, Palace, and Church . . . . .	4	Cawnpore, the "Well" . . . . .	28
Port Said . . . . .	6	Agriculture of Neighbourhood . . . . .	29
Suez Canal . . . . .	7	Irrigation Management . . . . .	30
Parliamentary Opposition to it in 1858 . . . . .	9	Sun-dried Cakes of Cow-dung for Fuel . . . . .	31
The Gulf of Suez . . . . .	9	An Agricultural Village . . . . .	31
Indigo and Opium . . . . .	10	Experimental Government Farm . . . . .	32
Nubia . . . . .	12	 <b>CHAPTER III.</b> <b>THE NORTH-WEST PROVINCES.</b>	
Aden . . . . .	13	Agra . . . . .	33
The Indian Ocean . . . . .	14	Palace of Akbar . . . . .	34
Evenings at Sea . . . . .	14	The Pearl Mosque . . . . .	35
 <b>CHAPTER II.</b> <b>BOMBAY TO CAWNPORE.</b>			
The Streets, Market, Sacred Tank . . . . .	15	The Taj . . . . .	35
Cotton Mill, and People employed . . . . .	16	Contrast of the Present with the Past . . . . .	36
Malabar Hill . . . . .	17	Gaols Overflowing from Scarcity of Food . . . . .	37
Caves of Elephanta . . . . .	18	Silent Sufferers . . . . .	38
Native Ornaments sold for Food . . . . .	19	Suicide Common . . . . .	39
Payment of Rent in Kind . . . . .	20	Prison Management at Agra . . . . .	39
Native Villages, and Cattle . . . . .	21	Deserted City of Futtapur Sekri . . . . .	40
Ascent of the Ghats . . . . .	22	Women at the Well . . . . .	41
Nasick, the Godavery . . . . .	22	'An Indian Village . . . . .	42
		Indigo Plantation . . . . .	42
		Natural Drainage blocked by Canal Embankments . . . . .	44

	PAGE
Protection Afforded by Ganges and Jumna Canals . . . . .	45
Little Improvement in Condition of Cultivators . . . . .	46

CHAPTER IV.

THE PUNJAB.

Native and European Pay . . . . .	47
Lahore . . . . .	48
Rent and Agriculture . . . . .	49
A Punjab Farm, Food of People . . . . .	50
The Sikhs . . . . .	51
Profitable Mode of Investment . . . . .	52
Village at Gujranwala . . . . .	52
Wheat-Sowing . . . . .	53
Cultivable Waste . . . . .	54
Money-Lender and Cultivator . . . . .	55
Museum at Lahore . . . . .	56
Umritsur, Water-logged Land . . . . .	56
Missionary Enterprise . . . . .	57
The Native Collectors . . . . .	58
Kappirtulla, a Native State . . . . .	58
Hurdwar, Head of Ganges Canal . . . . .	60
Snow Melted Water too cold for Growing Crops in Summer . . . . .	61
Engineers' College . . . . .	62
Workshops at Roorkee . . . . .	62
Delhi, the Siege . . . . .	63
Kootub, the Highest Tower in the World . . . . .	64
Beauty of Country round Delhi . . . . .	65
Details of Market Farm . . . . .	65
Native Judges . . . . .	66
Price of Fuel . . . . .	67

CHAPTER V.

NATIVE STATES.

Ulwar, a Native State, its People . . . . .	67
Jeypore . . . . .	68
The City and Palace . . . . .	69
The Roads and Irrigation . . . . .	71

	PAGE
Two Women Grinding at the Mill . . . . .	72
A Deserted City . . . . .	72
Ajmere, its Situation and Temples . . . . .	74
Mayo College for Youths of Princely Birth . . . . .	74
Scotch United Presbyterian Mission . . . . .	75
Sambre Salt Lake, Supply Unlimited . . . . .	76
Abolition of Hedge or Customs Line . . . . .	76
Bhurtpore and Johdpore . . . . .	76
Indian Forest Management . . . . .	76
Plan of Equalising Assessment . . . . .	77
British Officers too much Confined to Desk-Work . . . . .	78
Thus Unable to acquire Knowledge of the People . . . . .	78
Characteristics of People . . . . .	79

CHAPTER VI.

ODDH.

Lucknow . . . . .	80
Talookdars of Oudh . . . . .	81
Their Embarrassments and Cure . . . . .	82
Excellent Management of Maharajah of Balrampur . . . . .	83
Too little Freedom left to Pro- vincial Governments . . . . .	84
Famine Relief Works only for the Strong and Able Bodied . . . . .	84
Troops of People coming to City to Market . . . . .	85
Talookdar of District . . . . .	85
Grass-Cutters and their Pay . . . . .	85
Cultivator, his Crops, and his Well . . . . .	86
Evening Meal for the Cattle . . . . .	87
Use of Cow-Dung for Fuel Justified . . . . .	87
A Brahmin Boy . . . . .	87
A Dissatisfied Suitor . . . . .	86
*The House of a Rajah . . . . .	88
Farm beautifully Cultivated . . . . .	89
Travelling by Palki Dawk . . . . .	89
Fyzabad and Neighbourhood . . . . .	90
Better Prospects . . . . .	90



	PAGE
Interference of Secretaries of Government deprecated . . . . .	91
Neither Parliament nor Public Opinion to criticise Departments . . . . .	91
The sub-Himalayan Plain conveniently Supplied with Water . . . . .	92
Special Products capable of Development . . . . .	92
Adjudija, the Birthplace of the great Hindu Prophet . . . . .	93
Benares the Holy City . . . . .	93
A Rajah's Views of English Rule . . . . .	94
Would prohibit Exports of Food in time of Famine . . . . .	95
Hindu Castes . . . . .	95
Rapid Drive to Ghazespore . . . . .	97
Fine, well-cultivated Country . . . . .	97
Opium Station and Factory . . . . .	98
Tobacco Plantation and Factory . . . . .	99
Cost of Growth and Manufacture . . . . .	100
Jhansi, its distressed Condition . . . . .	100
Fifty Years hence . . . . .	101

CHAPTER VII.

BENGAL.

Number of Ryots under Ten Shillings of Rental . . . . .	101
Cost to the Government of Permanent Settlement . . . . .	102
Interests of Cultivators overlooked Rent and Wages . . . . .	102
Estate profitably Reclaimed from Jungle . . . . .	102
Simple but Effective Sugar Mills . . . . .	103
Small Farmers better off than English Agricultural Labourers . . . . .	103
The Mohawah Tree and its Fruit . . . . .	104
The Soane Canal . . . . .	104
Skilful and Industrious Villagers . . . . .	104
Opinions of an old British Resident Collector here Governs Two Million Subjects . . . . .	105
The Siege of Arrah . . . . .	107

	PAGE
Dinapore and Patna, rich Country . . . . .	108
Crossing the Ganges—Derbunga . . . . .	109
Famine Relief Work by Planting Roadsides with Mango and other Fruit-Trees . . . . .	109
Extension of Railways in Favourable Localities . . . . .	109
View of Mount Everest, 29,000 feet high . . . . .	111
Women doing the Heavy Work . . . . .	111
Sonthal, Summary Payment of Debts . . . . .	111
Burdwan and its Rice Fields . . . . .	111
Villagers with Four Years' Store of Rice . . . . .	112
No Poor Law and <u>no Poor</u> . . . . .	113
Village Communities check Sub-division . . . . .	114
Calcutta: the Cathedral . . . . .	115
Eastern Bengal very Rich Country . . . . .	115
Grandeur of River at Junction of Ganges with Brahmapootra . . . . .	115
Liveliness and Beauty of Scene . . . . .	116
Alluvial Land in the Valley of the Brahmapootra double the Extent of the Cultivated Land of Egypt . . . . .	117
Capable of Absorbing the Surplus of Bengal . . . . .	117
Three Coolies equal in Work to one European . . . . .	118
Extension of Jute Cultivation has Lessened area of Food . . . . .	118
Dacca and its Neighbourhood . . . . .	119
Union of small Holders against Landlords . . . . .	120
Salt Tax equal to a Sevenpenny Income Tax on the poorest Family . . . . .	121
Abundance of Fish in Rivers . . . . .	121
Ingenious mode of Carrying Brittle-ware . . . . .	122
Backergungeswept by Storm-Wave . . . . .	122
Calcutta: the City and People . . . . .	123
The Park and Public Monuments . . . . .	124

	PAGE		PAGE
<b>CHAPTER VIII.</b>			
<b>MADRAS.</b>			
The Hooghly and Bay of Bengal . . . . .	125	Decline of Land Revenue from Sub-Division of Property . . . . .	138
Vizigapatam, Primitive Boats . . . . .	125	Peculiar System of Entail in Native States on Western Coast to pre- vent Sub-Division . . . . .	138
Gay Processions on a Feast-Day . . . . .	126	Madura—Christian Missions . . . . .	139
Rent paid by Cultivators to Land- owners . . . . .	126	Coimbatore—High Price of Land which has Right of Water . . . . .	141
Collector's District larger than Denmark . . . . .	126	<b>CHAPTER IX.</b>	
Coconada, Seaport of Canals and Irrigation Works of Godavery . . . . .	127	<b>OOTACAMUND—THE WYNAAD—MYSORE.</b>	
Beauty of the River at its Gorge . . . . .	127	Ascent of 8,000 Feet from the Plain . . . . .	141
Extent, Quality, and Government Profit on Godavery Works . . . . .	128	Coffee Plantations at 4,000 up to 6,000 Feet . . . . .	142
The Kistna and its Irrigation . . . . .	128	The Convalescent Barracks . . . . .	142
Buckingham Canal, 400 Miles Boat Communication with Madras . . . . .	128	"Ooty" and its pleasant Neigh- bourhood . . . . .	142
Madras, the new Harbour . . . . .	129	Chinchona Plantation, Cost and Profit . . . . .	143
The Coast for many Miles suitable for landing Cargo by Lighters, except in Gales at the Monsoon . . . . .	129	Wynaad Gold Field . . . . .	144
Appearance of City from the Sea . . . . .	129	The People who do not Change are the Peasants . . . . .	145
Extent, Proportion Irrigated . . . . .	130	Subjection of the Women . . . . .	145
System of Land Tenure . . . . .	131	An Aboriginal Race, Wives with several Husbands . . . . .	145
Collectorates too Large in Extent . . . . .	131	Fearful Destitution during the Famine . . . . .	146
Sydupet Experimental Farm . . . . .	132	The City of Bangalore in Mysore . . . . .	146
Its Instructive Lessons . . . . .	133	In this State One-seventh of People Died of Famine . . . . .	147
Effects of Cattle Manure in its Natural State compared with its Ashes . . . . .	134	Experimental Farming, Good Re- turns . . . . .	147
Afternoon Party Five Miles from City . . . . .	135	Erroneous Principle of Govern- ment Assessment . . . . .	148
Canals of the Cauvery as Described by the Duke of Wellington, 1804 . . . . .	135	Fine Farming in Penar and Palar Valleys . . . . .	148
Erode to Trichinopoly . . . . .	136	Vellore, its Fort, Temple, and Mosque . . . . .	149
View from the Rock of the Cauvery and its Affluents . . . . .	136	Excellent Prison Management . . . . .	149
Its System the most Ancient, most Extensive, and most Profitable in India . . . . .	136	Madras Observatory—Sun Spots as Indicative of Drought . . . . .	150
Great Hindu Temple more Gro- tesque than Awe-Inspiring . . . . .	137		

	PAGE
Cuddapah, Rich Plain, but bad Reputation for Fever . . . . .	151
Madras Irrigation Company, Causes of Failure . . . . .	151
Black Cotton Lands retain Moisture, and are least Dependent on Irrigation . . . . .	152
Condition of the People—High Price of Food Enriches the Producer, but Impoverishes the Landless Class . . . . .	153
Dates Distilled into "Toddy," the Favourite Drink of the People . . . . .	154
Brahmin Water-Carriers at Railway Stations . . . . .	154
Bellary, Railway Extension to Carwar . . . . .	154
Great Poverty of Landless Class and Smaller Landholders after Famine . . . . .	154
Two Distinct Phases of Humanity in same Village . . . . .	155
A Missionary's Opinion of the People . . . . .	156
Cotton Cultivation . . . . .	157

CHAPTER X.

NIZAM'S COUNTRY.

Increase of Population not Encouraged on Poor Land . . . . .	158
Revenue, Population, and Extent Combined Force at Disposal of British Government by Arrangement with Nizam . . . . .	159
Berar the Richest Province . . . . .	159
Coal and Iron about to be Developed by Extension of Railway . . . . .	160
The City of Hyderabad . . . . .	162
Breakfast with Sir Salar Jung, his Palace and Stables . . . . .	163
Price of Provisions at Hyderabad . . . . .	163

CHAPTER XI.

BOMBAY.

	PAGE
Sholapore, Seat of Cotton Factory	164
Wages as Compared with Lancashire . . . . .	164
Good and bad Farming compared.	165
Black Soil in Rains too Sticky for Wheel Conveyance—At Kaludgi 5,000 Men carried Corn from Station . . . . .	166
The Deccan—Ahmednuggur . . . . .	166
Opening of New Water Works . . . . .	167
Comparison of our Rule with that of the Dutch in Java . . . . .	167
The Money-Lenders Charge according to Value of Security . . . . .	168
Cause of Financial Difficulties . . . . .	169
The Interest Due to Money-Lenders nearly Double the Land Rent . . . . .	169
Example Farm at Kandeish, and its Lessons . . . . .	170
American Missions . . . . .	171
The City and Climate of Poonah . . . . .	172
Lake Fyfe and its Canals . . . . .	172
The Mahrattas in Former Times Harried the Cultivators on the Plains—Now Kept to their own Land without that Remedy for the Natural Poverty of Country	173
Punchayet Courts recommended by Native Society of Landowners . . . . .	174
Legal Expenses and Compound Interest . . . . .	175
Seventy-five per cent. of Occupiers of Poorer Land hopelessly Indebted, and passing from Ryots to Labourers . . . . .	176
A Plague of Rats has Increased the Loss . . . . .	177
The Forest Department, Caution required in taking up Land for Planting . . . . .	178
Deep Ploughing with Eight Bullocks	179

	PAGE
Descent of the Ghats: the Taptee and Nerbudda Rivers . . . . .	180
Great Iron Railway Bridge . . . . .	180
Cultivation with Well Irrigation . . . . .	181
Memadabad—Collection of Revenue . . . . .	181
Violent Assault for Trespass . . . . .	182
Kaira—View from Collector's Roof . . . . .	182
Hindu care of Life of Lower Creation . . . . .	182
One Cause of Female Infanticide . . . . .	183
Dissatisfaction with English Rule . . . . .	183
Ahmedabad, Former Seat of the Kings of Guzerat . . . . .	184
Successful Employment of Natives on Railway, and their Sobriety . . . . .	184
Surat, the Earliest Seat of English in India . . . . .	185
The Dutch and English Tombs . . . . .	185
Fine City on Navigable River, Roads very bad and River silting up . . . . .	185
The Revenue Officer preferred to the Judicial Court . . . . .	186
Moonsiffs and Pleaders . . . . .	187
Picturesque Country towards Bombay . . . . .	187
Bassein, a Deserted Portuguese Town . . . . .	188
Bombay, Fine Situation . . . . .	189
Sea Point of Malabar Hill . . . . .	189
Adieu to Sir Richard Temple, and to India . . . . .	190

## CHAPTER XII.

### INDIAN FAMINES AND THEIR LESSONS.

Short Review of the Famines since 1800, and their Management . . . . .	190
That of 1803-4 same region as 1877 1813, 1833, 1837, 1861. In these the Government provided Employment for Able-Bodied, and left the Helpless to the Charitable Public . . . . .	190, 193

	PAGE
In the Last, and in that of 1866 - 7, Relief was given in Cooked Food, which was Repugnant to Religious Feelings of People . . . . .	193
The Orissa Famine of 1866 found every one Unprepared, and One Million People Died . . . . .	194
With the Famine in Western and North-Western India, 1,600,000 Deaths in 1868-9, the Economical System closes . . . . .	196
Famine of 1873-4: large Expenditure, but no loss of Life, under Viceroyship of Lord Northbrook . . . . .	196
The Great Famine of 1876-8 in Bombay, Mysore, Madras . . . . .	198
North-West Provinces . . . . .	201
Treatment, Expenditure, Mortality; Review of Famine treatment . . . . .	202
Maintenance of the Village System Essential to the Preservation of Life . . . . .	208
It is also the most Economical . . . . .	208
If no Labour exacted, Five Millions will be kept Alive on what would be Consumed by Four who are kept at Work . . . . .	209
One Million Lives might thus be Saved by giving up Ineffective Labour . . . . .	209
Immense Advantage of this to other parts of the Country also . . . . .	210
The Annual Sum set aside in India for Famine Relief is not more than One-fiftieth per Head of the English Annual Expenditure in Relief of Poor . . . . .	210
This Plan strongly Recommended in Future Famines . . . . .	210
Village System, the Central Basis of Relief, should be Strengthened . . . . .	210

PAGE	PAGE
<b>CHAPTER XIII.</b>	
<b>GENERAL IMPRESSIONS.</b>	
The Land in Gangetic Plain, and its Tributaries, Supports the Larger Half of the Population of India, and is Twice as Populous per Square Mile as the Native States . . . . .	211
The People Increase Faster than their Food . . . . .	212
In some parts of Country the Land is Undergoing Deterioration . . . . .	213
This is Aggravated by Unrestrained Subdivision of Holdings . . . . .	213
Emigration to Tropical Colonies, and Migration to Rich Jungle Lands Recommended . . . . .	214
Improved Cultivation, and a Progressive Yield might be Effected . . . . .	214
Laws Affecting Property and Debt not Adapted to Native Condition . . . . .	215
Native Officers, One in Ten Thousand of People; British Officers, One in Two Hundred Thousand . . . . .	216
Patriarchal System Superseded . . . . .	217
Produce Rents had certain Advantages . . . . .	219
Power to Pawn the Land by the Cultivator . . . . .	219
Has made Him the Slave of the Money-lender . . . . .	220
Systems of Land Tenure . . . . .	221
Mode of Lessening the Cost, and Difficulty, of Re-assessment of Land . . . . .	222
Helpless Condition of the Landless Labourer . . . . .	223
Opening up of Access to Good Jungle Land . . . . .	223
Exhausting System of Agriculture generally Practised . . . . .	224
Excessive Number of Population Employed in Cultivation of Land in India . . . . .	225
Conversion of Tenure to Freehold . . . . .	226
Result thereof Pecuniarily . . . . .	227
Public Advantages of . . . . .	228
Substitution of an Improving for an Exhausting System . . . . .	229
<b>CHAPTER XIV.</b>	
<b>SUGGESTIONS AND CONCLUSION.</b>	
Comparatively Low Rate of Assessment on Water-fed Crops . . . . .	230
Advantage of "Well" Irrigation . . . . .	231
Industrial Crops, Extension of . . . . .	233
Irrigation of Cotton Crop Recommended . . . . .	233
Growth of Green Fodder for Cattle . . . . .	234
Changes Suggested . . . . .	235 to 242
Comparative Extent of India, and Varieties of Language, Race, and Religion . . . . .	242
Mr. Bright's Speech in 1858 . . . . .	243
Gradually taking Effect . . . . .	244
Lord Mayo's Action in 1870 . . . . .	244
Provincial Responsibility . . . . .	245
Annual Invasion of Two-and-a-half Millions of Mouths . . . . .	247
Sir Louis Mallet's Minute in 1875 . . . . .	247
State Proprietorship Stimulates an Increase of Population . . . . .	248
Private Ownership Restricts it . . . . .	248
The Supreme Object of Government should be to Accelerate Increase of Subsistence, as Compared with Increase of Population . . . . .	249
Public Debt of India very moderate, and the Public Expenditure obtained largely from sources which are not a Tax on the People . . . . .	249

# I N D E X

- Aden, its situation and depots of coal, 13.
- Adjudija, Temple of, 93.
- Agra, splendour of the fort and palace of Akbar, 34.
- Agricultural experiments at Bangalore, 147.
- Agricultural population, their organisation, 207.
- Agricultural system and its consequences, 224; must be converted from exhaustive to restorative, 225.
- Ahmedabad, formerly seat of kings of Guzerat, 184.
- Ahmednuggur, 166.
- Ajmere, Situation and temples at, 74; Mayo College at, for education of Rajputana princes, 74.
- Akbar, comparison of his time with the present, 36; lineal descendant of, an assistant collector, 41.
- Algeria, Coast of, 4.
- Allahabad, its fine situation, 25.
- American mission at Ahmednuggur, 171.
- Arrah, Famous siege of, 107.
- Assessment, Terms of, in the Punjab, 51.
- Baird Smith, Col., monument to, at Calcutta, 115.
- Balrampur, Maharajah of, and good management of his estates, 83.
- Bangalore, Botanical gardens of, proportion of different crops and rent of land, 147.
- Baroda, rich country, 181.
- Bassein, deserted city, rapid tides up river, 188.
- Bellary, Black soil of, 157.
- Benares, City of, 93.
- Bengal, Eastern, traversed by grand rivers, 115; number of holdings and rent, 101; wages in, 102; price of land, 102; subdivision of land, 114.
- Berar, assigned districts, 159.
- Biscay, Bay of, 1.
- Boats, primitive but efficient at Vizagapatam, 125.
- Bombay, the second city in population in British Empire, 15; the streets of, 16; Mint, and value of ornaments melted there during late famine, 19.
- Boyle, Mr., at siege of Arrah, 107.
- Brahmapootra, splendid rivet, 116; valley of, more extensive than Egypt, 117.
- Brahmins, as water-carriers at railway stations, 154.
- Bright, Mr., his speech on India in 1858, 243.
- Broach, ancient city, 180.
- Buckingham Canal, gives boat accommodation of 400 miles, 128.
- Buckingham, Duke of, Governor of Madras, 135.
- Bullock ploughs near Poona, 179.
- Bulshar, 187.
- Bunyia, in many respects a most useful class of native barbers, 26.
- Burdwan, rice farms and villages, 112.
- Burrows, Thompson, and Milnes, Messrs., sugar mills and estate, 103.
- Calcutta, city and population, 123; statues in park of, 124; cathedral 115.
- Canal of the Soane, its capabilities, 104.
- Capital, profitable outlay in Punjab, 52.
- Castes, their number and proportion, 95.
- Castor-oil plant, 87.
- Cattle, their management, 30; sun-dried of their dung used for fuel, 30.
- Cauvery irrigation, 136.
- Cawnpore, the well and its tragedy, 28.
- Chinchona plantation, value of crop, 143.

- Civilians, their high character and just administration, 216; proportion to population, 216; their duties, 235.
- Civil code and litigation, 84.
- Coal, opening up native supply most important, 241.
- Coffee plantations in Nilghirries, 142.
- Coimbatore, fine land, 141.
- Collectors in Bombay, the guardians of cultivators, 165; extent and responsibility of, 197.
- Coolie labour compared with British, 118.
- Cornwallis settlement, 101, 106.
- Co-regents at Hyderabad, 214.
- Corn and rice, greatest export of, 212.
- Cotton, factory at Sholapore, 164; at Bombay, 17; export of, 17; yield of, in India and Egypt, 233.
- Council of Governor-General, 84.
- Courts, Panchayet, 239; civil courts expensive and dilatory, 168.
- Crops, other than food, capable of being introduced, 92.
- Cuddapah, rich country, 151.
- Cultivator, selling roof of his house to buy food, 156; plan for his relief from money-lender, 77.
- Dacca, Fine situation of, 119; first Portuguese, then French, now British, 121, landlords and tenants not friendly, 121; lessons to be drawn from their position, 121.
- Daman, Portuguese, 187.
- Debt, Case of diminution, 91; laws affecting, 215.
- Deccan, distress and discontent and accumulation of debt in, 173, 175.
- Delhi, the mutiny, 63; the Ridge; city and country round, 65; market gardens near, 65.
- Derbunga, proposed railways, 109.
- Dinapore, rich country, 108.
- Drummond, Mr., 50 years' resident, his opinion of land and people, 105.
- Dung of cattle, sun-dried, 31; its various advantages, 87; experiments with it compared with its ash, 134.
- Earthen pots, safe mode of carrying, 122.
- Eastern Bengal, rich country, 115.
- Education, Effects of, 101.
- Ekrook tank for irrigation, 164.
- Elephanta, Caves of, 18.
- Erode to Coimbatore, high saleable value of land, 141.
- Everest, Mount, Fine view of, 111.
- Exhaustion of soil of Gangetic Plain, not admitted, 106.
- Experimental farms in North West Provinces, 32; at Kandeish, 170.
- Export duty on food grain should be abolished, 240.
- Famine relief camps, Objection to, 27; relief work only for able-bodied, 84; shocking means of warding off, 146; the causes of famines, 190; since 1803, 191; Government employment in, 192; cooked food the test of need, 193; famine deaths and loss of food, 194; Orissa famine, 195; great famine of 1868-9, closer economical system of relief, 195; famine of 1873 effectively that, 197; great famine 1876-8, 198; variety of treatment, 199 to 202.
- Famines, Review of past, 203; principle on which successfully encountered, 204; first consideration should be the preservation of life, 208, 211; truest economy in management, 209; cost when compared with maintenance of poor in England very moderate, 210.
- Fish, swarms of, in rivers at Goalundo and Dacca, 121.
- Food of labourers in Punjab, 50.
- Forest, department, 178; singular natural provision for preservation of, 79.
- Freehold tenure, Advantages of, 226; mode of effecting changes to, 227.
- Fuel, Dried cow-dung, price at Delhi, 67.
- Futtapur Sekri, a deserted city, 40.
- Fyfe, Lake, irrigation tank, 172.
- Ganges, Break of, objectionable, 73.
- Ganges Canal, its deposit, pure sand, 43; proportion of cultivated served by it, 45; canal, 60.
- Gangetic Plain, crops in, 27; richest and most populous part of India, 211.

- .Garrow Hills, Coal in, 117.  
 Ghazepore, Opium Station, and tobacco farm, 98.  
 Gibraltar, its fortifications, 2.  
 Goalunda junction of Ganges with Brahmapootra, 115.  
 Godavery, extent irrigated, and increase of export, 127, 128.  
 Government, Rajah, opinions of, 94.  
 Grass, very bare in dry season, 27.  
 Grass cutting, cost, and profit, 85.
- Headmen of village, 42.  
 Hemp, Yield of, 87.  
 Himalayas, from Roorkee, 60.  
 Houses of villages, their accommodation, 31.  
 Hurdwar, where Ganges enters the great plain, 60; holy place, 61.  
 Hyderabad, the Nizam's country, 158; the ceded districts, 159; population and appearance of city, 162; prices in January, 1879, 163.
- Improvement by railways and canals, said by some not to have benefited the people, 46.  
 Indebtedness, Cause of, 169.  
 Indian and English labourers, Condition of, compared, 157; Indian Ocean at night, 14.  
 Indigo cultivation in Behar, 10, 11; near Gazhibad, 42; system of management, 42.  
 Infanticide too common, of females, 182.  
 Interest, rates charged to cultivators, 168.  
 Irrigation works, closing natural drainage outfall, 44, from main channel, 29; charge for water, 179, from wells, 11.
- Java management compared with that of India, 167.  
 Jeypore, fine city, 69; Palace and establishment, 69; reception by Maharajah, 70; good management of public works, 71; rent partly in money and part in kind, 71; deserted capital of Ambair, 72; beautiful apartments in, 72.
- Jhansi, distress there, 100.  
 Jhodpore, High revenue of, 76.  
 Jollarpet, Descent to, 148.  
 Jowar, value of fodder, 87.  
 Juggernaut, 125.  
 Jung, Sir Salar, his stud and palace, 163.  
 Jungle, its appearance, 24.  
 Justice, mode of pressing re-consideration of decision, 88.  
 Jute cultivation has greatly enriched Eastern Bengal, 118.
- Kaira, Rich country round, 182.  
 Kaludgi, 166.  
 Kappurtulla, Native state of, 58; Government tax 50 per cent. higher than in British territory, 58; headmen have better knowledge of people, 58.  
 Kind, Payment in, 218.  
 Kistna irrigation, 128.  
 Kootub, near Delhi, highest and finest tower in the world, 64; beautiful archway near, 64; iron pillar, 64.
- Labourers' diet in the Punjab, 50, 52; increasing proportion of, 223.  
 Lahore, city and environs, 48; market gardens near, 49; museum of, 56.  
 Land, Assessment of, suggested method, 222; landless people increasing, 140, landed and landless contrasted, 155; systems of land tenure, 114, 221; excessive sub-division of, 114; at Dacca, 121; at Vizigapatam, 126; Madras, 131.  
 Law, Courts of, 38; flogging for theft, 38; costs of, in India compared with Scotland, 239.  
 Life, Respect for, by Hindus, 182.  
 Litigation and pleaders, 84; nine-tenths of cases decided by native judges, 10.  
 Lucknow, Defence of, 80; population of city, 81.  
 Lybian Desert, 6.  
 Madras from the sea, 129; proportions of population, 130; several collectorates in, as large as Belgium, 139; irrigation canal, 152.  
 Madura, Palace of the king, 140; a great centre of missionary enterprise, 140.



Malabar Hill, fine situation, 189.

Mallet, Sir Louis, on the function of rent, 247.

Malta, as seen from the sea, 4; church of, with names of knights on pavement, 5.

Mayo, Earl of, gave to each Province control of its public works, 244.

Meade, Sir Richard, 159.

Memadabad, 181.

Metapolthum, ascent from plain at, beautiful scenery, 141.

Missionary establishments in Punjab, 57, Ajmere, 75; Bellary, 156.

Money-lenders increased greatly by payment of rent in money instead of corn, 20.

Moti Musjid, or pearl mosque of Agra, its exceeding beauty, 35.

Mussowlie boats, Safety of, 128.

Nariad, fine cultivation under wells, 181.

Native collectors, 58, 236; judges, 187.

Native talent of all kinds ought to be encouraged, 237.

Nizam, Higher rate of assessment in, 159; land mostly held from the sovereign, 160; sub-division of farms, 160; coal-field in, 160; revenue of state, 163.

Northbrook, Earl of, his successful management of famine, 196.

Nubia, Coast of, 12.

Ootacamund, fine situation of, 142.

Opium factory, 98.

Oudh, Tenure of land in, 81.

Palka dawk, 89.

Parsees, mode of burial, 18.

Patna, famine granary of, 108; beauty of country and cultivation, 108.

Penar valley, rich and picturesque, 148.

People, Silence of, in their distress, 38.

Poona, charming city, 172.

Population, Risk of over, 212, 248.

Posting from Benares, 96.

Potatoes largely grown, 87; value of crop, 90.

Poverty, more seeming than real, 79.

Price of food rising, complained of by consumers, 19.

Prisoners at Secundra, Miserable condition of, 37.

Prison management at Agra, 39; small proportion of female crime, 40.

Private property in land, 249.

Produce, increase of the indispensable work, 214.

Provincial responsibility, 245.

Punchayet Courts, 174.

Punjab, Agricultural field work in, 53, three modes of irrigation in, 54; improvable tracts of jungle in, 54, relation of cultivator to money-lender in, 55.

Railway, construction policy, 110, satisfactory employment of natives on, 184.

Rajah's management of his estate, 95.

Rats, Plague of, 177.

Red Sea, 9.

Rent of land in Punjab, 49; in Deccan, 170, 177.

Revenue officer, certain cases left to his adjudication, 186.

Rice, exported from Dacca, 122; harvest, 104.

Roorkee, Engineering college and Government work-shops at, 62.

Rule, dissatisfaction with British, 183.

Said, Port, 6.

Salt efflorescence, 59.

Salt, Customs line abolished, 76.

Salt, Consumption and price of, per family, 121; presses with unequal severity on poor, 20; cost of, to them, 242.

Sambre Salt Lake, unlimited supply of salt, 75.

Secretaries have too much authority, 91.

Settlement of land revenue, 39; of Lord Cornwallis one evil effect of, 106.

Shark fishing in Indian Ocean, 14.

Shevaroy Hills, 137.

Sholapore, cotton factory, 164.

Smith Baird, Col., 115.

Soane Canal, its effects, 104; charge made for water, 106.

- Southal, Mode of paying debts in, 111.  
 Sowcars in Deccan willing to compound for half the debt, 168.  
 Sub-division too great, Trichinopoly and Tanjore, 138.  
 Suez Canal, 7; parliamentary supporters of, in 1858, 9; gulf of, beautiful effects of light, 9.  
 Sugar, profitable crop, 165; its value per acre, 33; not easily injured by water, 59.  
 Suggestions, 235 to 242.  
 Suicide very common, 39.  
 Surat, 180; earliest seat of British possession, 185.  
 Sydapet, example farm, 133; experiments there, 134.  
  
 Tahsildars, 78.  
 Taj, The, at Agra, splendid monument to Shah Jehan's queen, 35.  
 Talookdars of Oudh, 81, 85.  
 Taptee, Railway bridge over, 180; valley and crops, 24.  
 Temple, Sir Richard, 190.  
 Tobacco culture, 99; produce, 100.  
 Toddy distillation, 154.  
 Trafalgar Bay, 2.  
 Trichinopoly, Hindu temple, 137; Clive's house, 138; crops, 139.  
 Tuocavi advances, 78.  
  
 Ulwar, Native state of, food of different classes in, 68; wages in, 68; famine deaths, 68.  
 Umritsur, golden temple and fine country, 56.  
  
 Vellore, walled town, 149; good management and cost of food, 150.  
 Villages near Bombay, 21, 25, 31; near Cawnpore, 31.  
 Vizigapatam, Fine situation of, 125; streets in gala suit, 126.  
  
 Wake, Mr., Heroic conduct of, at siege of Arrah, 108.  
 Water, Charge for, 32; its value according to crops to which applied, 33.  
 Wattle tree, recommended for shelter, 144.  
 Wedderburn, Sir William, 167.  
 Well irrigation, Cost of, 133; luxuriant crops from, 86, 89, 92, 231.  
 Wellington, Duke of, description of the Cauvery irrigation, 135; on the food of the people, 231.  
 Western Ghats, Ascent of, 22.  
 Wheat, Price of, at Cawnpore in Nov. 1878, 30; sowing, 23; produce of, per acre, 30.  
 Women doing men's work, 111; subjection of, 145; at well, 40; grinding at the mill, 72.  
 Wood, Country well clothed with, 25.  
 Wynaad Gold Field, 144.  
  
 Yarragoontha, the black soil, 153; five acres the minimum on which a family can live, 153.  
 Yule, Colonel Robert, 115.  
  
 Zenana Mission, 11.

SELECTIONS FROM  
**CASSELL & COMPANY'S VOLUMES.**

---

- A History of British Fossil Reptiles. By Sir RICHARD OWEN, K.C.B., F.R.S., &c. With 268 Plates. Complete in Four Volumes. Price £12 12s. the set.
- Italy: from the Fall of Napoleon I., in 1815, to the Death of Victor Emmanuel in 1878. By JOHN WEBB PROBYN. 7s. 6d.
- London's Roll of Fame. With Portraits and Illustrations. 12s. 6d.
- Memoir of Dr. Sandwith. By HUMPHREY WARD. With Portrait. 7s. 6d.
- India: the Land and the People. By SIR JAMES CAIRD, K.C.B., F.R.S. *Enlarged Edition.* 10s. 6d.
- Life and Times of John Bright. By W. ROBERTSON. With Portrait. 7s. 6d.
- The Life of the Rt. Hon. W. E. Gladstone. By G. BARNETT SMITH. With Portrait, 3s. 6d. *Jubilee Edition, 1s.*
- Oliver Cromwell: the Man and his Mission. By J. ALLANSON PICTON, M.P. With Steel Portrait. 7s. 6d.
- English Poetesses. By ERIC S. ROBERTSON, M.A. 5s.
- Russia. By D. MACKENZIE WALLACE, M.A. *Cheap Edition, in One Vol., with Two Maps, 10s. 6d.*
- A History of Modern Europe. By C. A. FYFFE, M.A., Fellow of University College, Oxford. Vol. I. *Revised Edition, 12s.*
- Four Years of Irish History, 1845—1849. A Sequel to "Young Ireland." By Sir C. GAVAN DUFFY, K.C.M.G. Cloth, 21s.
- Trinidad: its Geography, Natural Resources, Present Condition, &c. By L. A. De VERTEUIL, M.D.P. 21s.
- Wood Magic: A Fable. By RICHARD JEFFERIES, Author of "The Gamekeeper at Home," &c. *Cheap Edition, cloth, 6s.*
- A Police Code, and Manual of the Criminal Law. By C. E. HOWARD VINCENT, late Director of Criminal Investigations. 2s.
- A Ride to Khiva. By Lieut.-Col. FRED BURNABY. *New and Cheaper Edition, cloth, 1s. 6d.; People's Edition, 6d.*

**Universal History, Cassell's Illustrated.** Vol. I., Early and Greek History; Vol. II., The Roman Period; Vol. III., The Middle Ages. 9s. each.

**England, Cassell's History of.** With about 2,000 Illustrations. Nine Vols., cloth, 9s. each; or in Library Binding, £4 10s.

**United States, Cassell's History of the.** With 600 Illustrations and Maps. 1,950 pages, extra crown 4to. Complete in Three Vols., cloth, £1 7s.; or in Library Binding, £1 10s.

**India, Cassell's History of.** With about 400 Maps, Plans, and Illustrations. Extra crown 4to, Two Vols. in One, cloth, 15s.; Two Vols., cloth, 18s.; or in Library Binding, £1.

**Franco-German War, Cassell's History of the.** Complete in Two Vols. *New Edition.* Containing nearly 500 Illustrations and Plans of the Battle-fields. Cloth gilt, 9s. each.

**The Russo-Turkish War, Cassell's History of.** Complete in Two Vols. With about 500 Illustrations. 9s. each; or in Library Binding, Two Vols. in One, 15s.

**British Battles on Land and Sea.** By JAMES GRANT. With about 600 Illustrations. Three Vols., 9s. each. Supplementary Volume, embracing RECENT BRITISH BATTLES, 9s.

**Old and New London.** A Narrative of its History, its People, and its Places. By E. WALFORD and W. THORNBURY. With 1,200 Illustrations. Complete in Six Vols., 9s. each; or in Library Binding, £3.

**Greater London.** By EDWARD WALFORD. Complete in Two Vols. With about 400 Original Illustrations. Extra crown 4to, cloth gilt, 9s. each.

**Our Own Country.** An Illustrated Geographical and Historical Description of the Chief Places of Interest in Great Britain. Complete in 6 Vols., with upwards of 200 Illustrations in each, 7s. 6d. each.

**Old and New Edinburgh, Cassell's.** Complete in Three Volumes. With 600 Original Illustrations, specially executed for the Work. Extra crown 4to, cloth, 9s. each.

**Decisive Events in History.** By THOMAS ARCHER. With full-page Original Illustrations. Cloth gilt, 5s.

**Technology, Manuals of.** Edited by Prof. AYRTON, F.R.S., and RICHARD WORMELL, D.Sc., M.A. Illustrated throughout with Practical Illustrations.

*A Prospectus sent post free on application.*

**The Life of Christ.** By the Ven. Archdeacon FARRAR, D.D., F.R.S.

*Library Edition.* (30th Edition.) Two Vols., cloth, 24s.; morocco, £2 2s.

*Illustrated Edition.* With about 300 Illustrations. Extra crown 4to, cloth, gilt edges, 21s.; calf or morocco, £2 2s.

*Bijou Edition,* complete in Five Vols., in case, 10s. 6d. the set.

*Popular Edition,* in One Vol., cloth, 6s.; cloth gilt, gilt edges, 7s. 6d.; Persian morocco, 10s. 6d.; tree calf, 15s.

**The Life and Work of St. Paul.** By the Ven. Archdeacon FARRAR, D.D., F.R.S.

*Library Edition.* (19th Thousand.) Two Vols., demy 8vo, cloth, 24s.; morocco, £2 2s.

*Illustrated Edition,* with nearly 300 Illustrations, cloth, gilt edges, £1 1s.; morocco, £2 2s.

*Popular Edition,* cloth, 6s.; cloth gilt, 7s. 6d.; Persian morocco, 10s. 6d.

**The Early Days of Christianity.** By the Ven. Archdeacon FARRAR, D.D., F.R.S.

*Library Edition.* (Ninth Thousand.) Two Vols., demy 8vo, cloth, 24s.; morocco, £2 2s.

*Popular Edition,* cloth, 6s.; cloth gilt, 7s. 6d.; Persian morocco, 10s. 6d.

**The Old Testament Commentary for English Readers.**

By various Writers. Edited by the Right Rev. C. J. ELLICOTT, D.D., Lord Bishop of Gloucester and Bristol. Complete in Five Vols., price 21s. each.

VOL. I. contains GENESIS to NUMBERS.

VOL. II. contains DEUTERONOMY to SAMUEL II.

VOL. III. contains KINGS I. to ESTHER.

VOL. IV. contains JOB to ISAIAH.

VOL. V. contains JEREMIAH to MALACHI.

**The New Testament Commentary for English Readers.**

Edited by the Right Rev. C. J. ELLICOTT, D.D., Lord Bishop of Gloucester and Bristol. Three Vols., cloth, £3 3s.; or in half-morocco, £4 14s. 6d.

VOL. I. contains the FOUR GOSPELS. £1 1s.

VOL. II. contains the ACTS to GALATIANS. £1 1s.

VOL. III. contains the EPHESIANS to the REVELATION. £1 1s.

**A Commentary on the Revised Version of the New Testament.** By Prebendary HUMPHRY, B.D. 7s. 6d.

**Sermons Preached at Westminster Abbey.** By the Rt. Rev. ALFRED BARRY, D.D., D.C.L., Bishop of Sydney. 5s.

**The Bible Educator.** Edited by the Very Rev. E. H. PLUMPTRE, D.D. Illustrated. Four Vols., 6s. each; or Two Vols., 21s.

**The History of Protestantism.** By the Rev. J. A. WYLIE, LL.D. With 600 Original Illustrations. Three Vols., £1 7s.

**Bible Dictionary, Cassell's.** With nearly 600 Illustrations. Crown 4to, 1,159-pages. Cloth, 7s. 6d.; half-morocco, 10s. 6d.

*Cassell & Company, Limited: Ludgate Hill, London; Paris; and New York.*

**Romeo and Juliet.** *Édition de Luxe.* Illustrated with Twelve superb Photographures by GOUPIL & Co., Paris, from Original Drawings by FRANK DICKSEE, A.R.A., expressly executed for this Work. Price £3 10s.

**Character Sketches from Dickens.** SECOND SERIES. With Six Original Designs by FREDERICK BARNARD. Reproduced in Photographure by GOUPIL & Co., Paris. Printed on India paper; size, 20 x 14½. In Portfolio, price 21s.

**Cathedral Churches of England and Wales.** Descriptive, Historical, Pictorial. Edited by the Rev. Professor BONNEY, F.R.S. Illustrated throughout. 21s.

**The Magazine of Art. Yearly Volume.** With about 500 Illustrations by the first Artists of the day, and beautifully-executed Etching, for Frontispiece. Cloth gilt, gilt edges, 16s.

**Picturesque Europe.** *Popular Edition.* Vols. I., II., & III., with 13 Exquisite Steel Plates, and about 200 Original Engravings by the best Artists in each. Cloth gilt, 18s. each. N.B.—The *Original Edition*, in Five Magnificent Volumes, royal 4to size, can still be obtained, price £10 10s.

**Egypt: Descriptive, Historical, and Picturesque.** By Prof. G. EBERS. Translated by CLARA BELL, with Notes by SAMUEL BIRCH, LL.D., D.C.L., F.S.A. With Original Magnificent Engravings. Cloth bevelled, gilt edges, Vol. I., £2 5s.; Vol. II., £2 12s. 6d.

**Picturesque America.** Complete in Four Vols., with 12 Exquisite Steel Plates and about 200 Original Wood Engravings in each. Royal 4to, £2 2s. each.

**Landscape Painting in Oils, A Course of Lessons in.** By A. F. GRACE, Turner Medallist, Royal Academy. With Nine Reproductions in Colour. Extra demy folio, cloth, gilt edges, 42s.

**Illustrated British Ballads.** With Several Hundred Original Illustrations by some of the first Artists of the day. Complete in Two Vols. Cloth, 7s. 6d. each; cloth, gilt edges, 10s. 6d. each; half-morocco, Two Vols., £1 5s.

**The Doré Fine Art Volumes comprise—**

	£	s.	d.		£	s.	d.
Milton's Paradise Lost	1	1	0	Don Quixote	0	15	0
The Doré Bible, 2 Vols, cloth	2	10	0	Munchausen	0	5	0
" " "	3	10	0	Fairy Tales Told Again	0	5	0

**Cassell's New Natural History.** Edited by Prof. DUNCAN, M.B., F.R.S., assisted by eminent Writers. With nearly 2,000 Illustrations. Complete in 6 Vols., 9s. each.

**European Butterflies and Moths.** By W. F. KIRBY. With 61 Coloured Plates. Demy 4to, cloth gilt, 35s.

**The Book of the Horse.** By S. SIDNEY. With Twenty-five Coloured Plates, and 100 Wood Engravings. *New and Revised Edition.* Demy 4to, cloth, 31s. 6d.; half-morocco, £2 2s.

**The Illustrated Book of Poultry.** By L. WRIGHT. With 50 Coloured Plates, and numerous Wood Engravings. Demy 4to, cloth, 31s. 6d.; half-morocco, £2 2s.

**The Illustrated Book of Pigeons.** By R. FULTON. Edited by L. WRIGHT. With Fifty Coloured Plates and numerous Engravings. Demy 4to, cloth, 31s. 6d.; half-morocco, £2 2s.

**Canaries and Cage-Birds, The Illustrated Book of.** With Fifty-six Coloured Plates and numerous Illustrations. Demy 4to, 35s.

**Dairy Farming.** By Prof. SHELDON. With Twenty-five Fac-simile Coloured Plates, and numerous Wood Engravings. 31s. 6d.

**Dog, The Illustrated Book of the.** By VERO SHAW, B.A. Cantab. With Twenty-eight Fac-simile Coloured Plates, drawn from Life, and numerous Wood Engravings. Demy 4to, cloth, 35s.; half-morocco, 45s.

**Cassell's Popular Gardening.** A Comprehensive Practical Guide to the successful cultivation of Flowers, Fruit, and Vegetables. Illustrated. Vol. I. 5s.

**European Ferns: their Form, Habit, and Culture.** By JAMES BRITTEN, F.L.S. With Thirty Fac-simile Coloured Plates, Painted from Nature by D. BLAIR, F.L.S. Demy 4to, cloth gilt, gilt edges, 21s.

**Familiar Wild Birds.** By W. SWAYSLAND. FIRST SERIES. With Forty Full-page Exquisite Coloured Illustrations. 12s. 6d.

**Familiar Garden Flowers.** FIRST, SECOND, and THIRD SERIES. By SHIRLEY HIBBERD. With Forty Full-page Coloured Plates by F. E. HULME, F.L.S., in each. 12s. 6d. each.

**Familiar Wild Flowers.** By F. E. HULME, F.L.S., F.S.A. Complete in Five Series. With Forty Coloured Plates in each. 12s. 6d. each.

**Vignettes from Invisible Life.** By JOHN BADCOCK, F.R.M.S. With numerous Illustrations specially executed for the Work. 3s. 6d.

*Cassell & Company, Limited: Ludgate Hill, London; Paris; and New York.*