437 ELONOMIC Studies Yol. 1 Same sputh Indian

AcN 437 SERVANTS OF INDIA SOCIETY'S LIBRARY PUNE 411 004 FOR INTERNAL CIRCULATION To be returned on or before the last date stamped below. 3 1 AUG 2003 2 2 SFD 2005 Dhananjayarao Gadgil Library

#### AGENTS FOR THE SALE OF MADRAS GOVERNMENT PUBLICATIONS.

#### IN INDIA.

BUTTERWORTH & Co. (LTD:), 6, Hastings Street, Calcutta. R. CAMBRAY & Co., Calcutta.

E. M. GOPALAKRISHNA KONE, Pudumantapam, Madura.

HARTLEYS, Mount Road, Madras.

HIGGINBOTHAMS (LTD.), Mount Road, Madras.

V. KALVANARAMA IVER & Co., Esplanade, Madras.

G. C. LOGANATHAM BROTHERS, Madras.

S. MURTHY & Co., Madras.

G. A. NATESAN & Co., Madras.

The Superintendent, NAZAIR KANUN HIND PRESS, Allahabad.

P. R. RAMA IVER & Co., Madras.

RAMAKRISHNA & SONS, Labore.

D. R. TARAPOREVALA SONS & Co., Bombay.

THACKER & Co. (LTD.), Bombay.

THACKER, SPINK & Cc., 3, Esplanade East, Calcutta.

S. VAS & Co., Madras,

S.P.C.K. PRESS, Vepery, Madras.

#### IN THE UNITED KINGDOM.

B. H. BLACKWELL, 50 and 51, Broad Street, Oxford.
CONSTABLE & Co., 10, Orange Street, Leicester Square, London, W.C.
DEIGHTON, BELL & Co. (LTD.), Cambridge.
T. FISHER UNWIN (LTD.), 1, Adelphi Terrace, London, W.C.
GRINDLAY & Co., 54, Parliament Street, London, S.W.
KEGAN PAUL, TRENCH, TROBNER & Co. (LTD.), 68-74, Carter Lane, London, E.C. and 25, Museum Street, London, W.C.
HENRY S. KING & Co., 65, Cornhill, London, E.C.
P. S. KING & SoN, s and 4, Great Smith Street, Westminster, London, S.W.
LUZAC & Co., 46, Great Russell Street, London, W.C.
B. QUARITCH, 11, Grafton Street, New Bond Street, Loudon, W.
W. THACKER & Co., 3, Creed Lane, London, E.C.
P. ONSONEY (LTD.), 126, Grafton Street, Dublin.
W. WESLEY & SON, 28, Essex Street, Strand London.

#### ON THE CONTINENT.

ERNEST LEROUX, 28, Rue Bonaparte, Paris. MARTINUS NIJHOFF, The Hague, Holland.

# ECONOMIC STUDIES

# VOLUME 1

# SOME SOUTH INDIAN VILLAGES

# University of Madras

# ECONOMIC STUDIES

#### EDITED BY

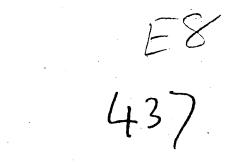
## GILBERT SLATER, M.A., D.Sc. Professor of Indian Economics, University of Madras

## VOLUME I

# SOME SOUTH INDIAN VILLAGES

### HUMPHREY MILFORD OXFORD UNIVERSITY PRESS LONDON, BOMBAY, MADRAS, NEW YORK

# ×9(J).21,7. N2t4



# CONTENTS

• •

,		PAG
INTRODUCTION		
SCHEME FOR SURVEY OF A RYOTWARI VILLAC	ЭЕ	2
VADAMALAIPURAM, RAMNAD DISTRICT, by	K. Ra	ma-
chandran	•••	2
GANGAIKONDAN, TINNEVELLY DISTRICT, by	P. S. Lo	oka-
nathan	•••	5
PALAKKURICHI, TANJORE DISTRICT, by K	. Sound	lara
Rajulu		7
DUSI, NORTH ARCOT DISTRICT, by P. Krishnar	na Achai	rya .8
THETTUPALLI, CHITTOOR DISTRICT, by E. Kri	shnamur	ti 9
GOWNIPALLE, MYSORE STATE, by E. Krishnam	urti	10
VUNAGATLA, KISTNA DISTRICT, by K. S. Naray	yana Mur	ti. II
WATAKANCHERY, COCHIN STATE, by S. Subbar	rama Aiy	yar. 12
GURUVAYUR, MALABAR DISTRICT, by V. Laksh	mana Ai	yar 14
KOTHACHIRA, MALABAR DISTRICT, by A. Krish	nna Wari	iyar 16
VATANAMKURUSSI, MALABAR DISTRICT, by	N. Sund	lara
Aiyar	•••	18
SUMMARISED SURVEYS, by V. Venkataraman,	P. S. Lo	oka-
nathan, Joseph A. Pinto, K. N. Krishna Ai		
shminarayana Sastri, K. Ramachandran,	С. А. Т	ìru-
malai, S. Vaidyanathan		20
CONCLUDING OBSERVATIONS	•••	23
GLOSSARY	•••	24
INDEX		25

Ь

# ILLUSTRATIONS

.

FACING PAGE

PICOTTAH AND IMPROVED BUL	LOCK I	.IFT, U	SED II	v Sou	тн	
ARCOT	•••	•••		•••	•••	2
A SPLENDID CROP OF SUGAR-CA	ANE	•••	•••	•••	. <b></b>	6
HARVESTING PADDY	•••	•••	•••	•••	•••	8
TREADING OUT THE CORN (PAI	ODY)				·••• a.	10
Kabalais not at work	···				1,3 . •••	14
KABALAI AND PICOTTAH IN SA	ME WE	LL	•••		•••	16
A SPLENDID CROP OF RAGI		••••	•••	•••		60
A good crop of cholam	•••	•••		•••	••••	62
TINNEVELLY CART TAKING C ABOUT IO CWT	OTTON	TON	IARKE	T—LO		66
UPROOTING PADDY SEEDLINGS		 D A NGD		TION	•••	
TRANSPLANTING PADDY, CROP						78
GREEN MANURE IN BACKGR			IF GRU	WIN F	0R 	80
GREEN MANURE ON PADDY LAN					•••	82
Approach to Thettupalli						94
KABALAI AT WORK, THETTUPA	ALLI VI					94 96
AGRICULTURAL IMPLEMENTS U						98
OIL MILL IN THETTUPALLI						90 100
VILLAGE OF THETTUPALLI						102
SUGAR-CANE CRUSHING				•••		108
MAP OF VUNAGATLA				•••	•••	III
ROOFING A HUT WITH PALMYR	A LEA	VES				116
COURTYARD OF NAMBUDRI HO			•••			124
GUEST CHAMBER OF NAMBUDR	I HOUS	E				126
GROUP OF NAMBUDRI BRAHMA						128
LEVELLING BOARD AT WORK			•••		•••	130
CHERUMA HUT NEAR TRICHUR,				•••		132
"RATANAM," A FORM OF WAT						152
HARVESTING PADDY IN NORTH						172
WET						168
Pèpper garden in Malabar			•••	•••		188
Implements used in Godāvar	I DIS FI	RICT	•••	•••		<b>2</b> 18
"KARIM," WATER-LIFT USED IN	Gōdā	VARI	Delta			220

#### GLOSSARY.

245

A

Abishekam (Sanskrit) anointing, or the act of pouring any liquid over the image of a deity.

adappan (adiyappan). Both anthrax and hæmorrhagic septicæmia are given this name.

adhigari village headman (otherwise called munsif, monigar, or patel), from adhigaram (Sanskrit) authority.

aggi-jadyam, literally 'fire disease'. A term applied to the change of colour in paddy from green to red due to an early attack by the paddy stem borer.

agraharam, Sanskrit agra chief, hara a separate allotment. A royal donation of land to Brahmans, or the village or village-site thus given.

Aiyangar an honorific title used as a caste name by Tamil Brahmans of the Vaishnavite sect.

Aiyar (Ayyar, Iyer) an honorific title used as a caste name by Tamil Brahmans of the Saivite sect.

Aliyana Santana v. Marumakkattayam.

Ambalavasis, literally 'dwellers in temples.' A West Coast caste intermediate in status between Nambudri Brahmans and Nayars, whose specific caste occupation is temple service. They follow the 'Marumakkattayam' system of inheritance, i.e., inheritance through the female line of descent.

Amildar (Hindustani) = tabsildar (q.v.), a Revenue officer.

Ani v. Tamil year.

anicut a weir across a river or water channel to regulate the flow of water for irrigation.

Arpasi v. Tamil year.

arrack a spirit distilled from toddy (q.v.) or sugar-cane.

Aruppampuchi, literally 'harvest insect'. Probably a number of species are included.

Asaris. In most parts of the Madras Presidency the term Asari may denote any of the five artisan castes (carpenters, goldsmiths, blacksmiths, masons, braziers). On the West Coast the term is confined to carpenters, who can enter the houses of the higher castes without polluting them.

athalai wild croton or castor.

avarai. In Kanarese this word means the country bean, *Dolichos lablab*. But in Tinnevelly the name is given to a wild shrub, the leaves of which somewhat resemble senna and are used as an adulterant of senna, as well as a green manure.

ayacut the area of land watered by a given source of irrigation.

Ayanar (Aynar). The worship of this god is very widely spread over Southern India. He is associated with the horse, and his temple usually consists of a tiny shrine with two horses in front, built of bricks and mortar plastered over with smooth cement. The horses are more than life size; each horse is held by a human attendant less than life size. In contrast with the village goddesses who are malignant, Aiyanar is a benevolent and protective deity. His cult appears to be very ancient, being part of the religion of the depressed castes. No blood sacrifices are made to him, his offerings being roughly constructed hollow images of horses. In Kumbakonam the statues sacred to him are a horse and elephant of equal sizes, instead of two horses.

Β

Balijas the chief Telugu trading caste, found all over Madras Presidency. Many are landowners and cultivators. They forbid the remarriage of widows, but not the use of meat or alcohol. Their usual caste name is Nayudu, but sometimes they take that of Chetti.

bandaikkai ladies' fingers (Hibiscus esculentus). The unripe fruits, which somewhat resemble small cucumbers, are eaten as a vegetable.

Bants. The word Bant means soldier, and the Bants are the chief landowning and cultivating caste of South Kanara. Their language is Tulu, but their customs closely resemble those of the Nayars (q.v.). They are fond of out-door sports, and specially addicted to cock-fighting and buffalo racing. The racing buffaloes are yoked in pairs and draw modified levelling boards over a muddy paddy field. Each pair races over the course separately, and the spectators award the prize, marks being given for speed, style, and especially for the height and width of the splash of mud and water.

Bestas a Telugu caste whose hereditary occupation is fishing and hunting, but who have largely taken to agriculture.

Bhagavathar one who recites the attributes of God. Bhagavan (Sanskrit) means dispenser, gracious lord; and, as applied to the deity, this term

connotes six divine attributes. Bhagavat Gila = the song of the god.

Billavas the Tulu-speaking toddy-drawers of South Kanara, and the most numerous caste of that district.

Boyas, or Bedars, a caste of hunters and soldiers of Mysore and neighbouring districts, from whom Hyder Ali's armies were largely recruited. Many of the Poligars, local military chieftains of South India, belonged to this caste. They have largely taken to agriculture, but still are frequently skilful hunters. They are also fond of wrestling.

#### С

cumbu = kambu, q.v.

Chakkiliyans the leather workers of the Tamil districts; and in these districts the most despised of the depressed castes. They eat meat, even beef, drink alcohol, allow post-puberty marriage and remarriage of widows.

Chaitra Pournami full moon in the month of Chitrai, the first month in the Tamil year, beginning about the middle of April.

chalidomma black water (also called quarter evil and black leg). An infectious cattle disease accompanied by one or more swellings most frequently occurring on the hind quarter. The course of the disease is rapid and few cases recover.

chamulu (Samulu), Samai (Panicum miliare) a variety of millet grown on about a million acres in the Madras Presidency.

chavadi a small building used for the office of a village officer, or resting place for travellers.

24

- chashi a beetle paddy pest. It appears in the Malabar paddy fields usually about a fortnight before the harvest, and unless blown away by the wind does great damage.
- Cherumas, called Pulayas in North Malabar, are a numerous caste of agricultural labourers on the West Coast. They were slaves before British rule was established, and continued to be bought and sold openly as such till the Penal Code of 1862 came into force. This made slave dealing punishable with seven years' imprisonment. They are short of stature and dark-skinned. A Cheruma hut near Trichur is shown in illustration. They pollute superior castes at a distance of 30 feet.
- Chettis. The word Chetti (Tamil) means merchant; and it is both the name of a distinct caste, and also a title used by many people of other
  - castes (e.g., weavers, oil pressers) to indicate that they make their living by trade. Among the true Chettis there are many wealthy money lenders.
- Chitrai v. Tamil year.

chodi the Telugu name for ragi, q.v.

- cholam, in Hindustani juari (Sorghum vulgare) the great millet. It is grown over about five million acres in Madras Presidency, and is the most important food crop in the Presidency next to paddy. It is also grown as a fodder crop.
- country plough. A heavy country plough is shown in the illustration of "Implements used in Gödāvari district." This is exceptional; over nearly all southern India the plough used is the light one also shown in the same illustration, and again in "Agricultural implements used in Thettupalli." I have seen a man of medium physique carrying two ploughs without apparent difficulty.

D

daffadar (Urdu dafēdār), head peon.

Desamma v. Gangamma.

dhall (dholl) red gram (*Cajanus indicus*), a very important food for vegetarians who adopt a rice diet (e.g., Brahmans) as it remedies the deficiency of rice in proteid.

dhobi washerman.

- dikshadar one to whom land has been granted on specially favourable terms on account of sanctity or learning. There is a settlement of some 3,000 Brahman dikshadars at Chidambaram, South Arcot, who own the temple and are considered specially favoured of the gods.
- District a division of the Presidency in charge of a Collector. The districts of Madras Presidency are :-Ganjām, Vizagapatam, Gōdāvari, Kistna, Guntūr, Kurnool, Bellary, Anantapur, Cuddapah, Nellore, Madras, Chingleput, South Arcot, Chittoor, North Arcot, Salem, Coimbatore, Trichinopoly, Tanjore, Madura, Rāmnād, Tinnevelly, Malabar, South Kanara, the Nilgiris.
- domma sometimes a name for anthrax. In the text hoven or tympany, a form of acute indigestion among cattle accompanied by much fermentation in the large stomach.
- Dommaras a tribe of tumblers and mountebanks, some of whom wander about the country, while others have become agricultural labourers, and others again make wooden combs. They are great drunkards and of dissolute habits, and eat all sorts of animals.
- donthi a wooden harrow, with about 20 teeth, about 5 inches long, drawn by hand; used in paddy cultivation.

edangali (edangari, edangazhi). One edangali = 4 nalis, one Madras measure = 7 nalis. One Madras measure = 108 cubic inches or 62<sup>5</sup> fluid ounces. Hence one edangali on the West Coast may be said to be nearly a pint and three quarters. But like all other Indian weights and measures it varies from village to village.

Edigi-Gandlas (Ganigas) the oil pressers of the Telugu and Kanarese regions.

Eluvas (Ezhuvans), generally called Tiyyas, q.v.

#### F

- Firka a division of a taluk (q.v.) in charge of a Revenue Inspector, comprising 15-25 villages.
  - G
- Gangamma. Village goddesses are worshipped throughout South India under a great variety of names, of which Gangamma, Desamma, Poniamman and Mariyattal occur in the text. By some all these names are regarded as names of Kali. Whether this view be correct or not, the goddesses all have a similar character. They may be termed goddesses of calamity, as they are worshipped with bloody sacrifices, either periodically, to ward off famine or pestilence, or when these are actually present.
- gingelly (Sesamum indicum), called *til* in North India. It is the most highly esteemed vegetable oil in South India, and is used in cooking, for food and on the body and hair. The oil pressers and merchants adulterate it largely with ground-nut oil.
- gorru a seed drill; v. illustration "Agricultural implements used in Thettupalli" on the right.

gramam a village-not connected etymologically with agraharam.

- ground-nut the 'monkey nut' of England, and 'pea-nut' of America. It is a leguminous plant, which requires little rain and is a profitable crop to combine or alternate with a cereal. It very seldom fails. Its cultivation was spreading very rapidly in the Madras Presidency, owing to the introduction of the Mauritius variety, up to the outbreak of war. It was grown for export to Marseilles, where it was pressed in successive processes, first cold, then with heat. The first pressing yields an oil used as a substitute for olive oil, the second an oil used in the manufacture of margarine, the third one used in soap making.
- gundasala hæmorrhagic septicæmia, otherwise called buffalo disease, and malignant sore throat. It affects buffaloes more than cattle. Of animals obviously affected 75 to 90 per cent die, but those that recover are immune for life.
- guntaka. This word was spelt guntava by Mr. Krishnamurti, but altered on advice. But it is doubtful whether these are not two distinct words, as guntaka means a sort of broad hoe, drawn by oxen, and guntava, as defined and described by Mr. Krishnamurti, is a sort of rake drawn by oxen. It is shown on the left of his photograph "Agricultural implements used in Thettupalli."

guru a teacher.

*kook worm* an intestinal. parasite extraordinarily common in South India, especially among the lower castes. Probably the majority of the population of the City of Madras are affected. It ranks next to malaria as a cause of anæmia and debility. It greatly enhances the death-rate, both by facilitating infection by other diseases, and by reducing the power of resistance. Cure is easy, but seldom availed of.

Idayans the great shepherd caste of the Tamil country.

Inam lands lands granted on specially favourable terms to particular individuals, or to persons holding particular offices or performing particular services.

J

Jack a tree needing a wet climate, common on the West Coast. It yields good timber and produces a green fruit about the size of a vegetable marrow, which grows on a thick stem from the trunk or large branches.

*jadi madu* highly bred ox.

- Κ
- Kaikolans an important Tamil caste of weavers, specially numerous in the suburbs of Conjeeveram. According to tradition they are descended from nine heroes who assisted the god Subrahmaniam to destroy certain demons. One girl at least from each Kaikolan family should be dedicated to temple service.

Kailasanathaswami one of the names of Siva.

kainoi foot and mouth disease.

kalai bull.

- kalam a measure in common use in the Tanjore delta and adjoining districts. It varies from place to place. In Madura 1 kalam = 48 Madras measures (a kalam of paddy being therefore about 120 lb.), in South Arcot it is, officially, 24 Madras measures, near Palur 36.
- Kallans a Tamil caste, traditionally thieves, marauders and cattle lifters or burglars, largely employed in the Madura district as watchmen, and still subsisting in many parts on blackmail and robbery; but in others now agriculturists.
- Kallasaris workers in stone, the occupational name in Malabar of a section of the great artisan caste of Kammalans, g.v.

kambu spiked millet (Pennisetum typhoideum); v. also sazzulu.

- Kammas originally a soldier caste, now landowners and cultivators, and very industrious and intelligent agriculturists.
- Kammaralas (Kammalas, Kammalans). The great artisan caste of the Tamil and Malayalam countries, divided into five sections, Tattans (goldsmiths), Kannāns (braziers), Tachans (carpenters), Kal-Tachans or Kallasaris (stone masons) and Kollans or Karumāns (blacksmiths).

kanaga the bastard rose-wood (Dalbergia lanceolaria). An oil is extracted from the fruit which is used as an illuminant and on the hair.

- kanjurnoi, Tamil, literally "dry disease." A name given to various plant diseases.
- Kapus, or Reddis, the largest caste in Madras Presidency, numbering over two millions. They are Telugus but are numerous also in Tamil districts; almost invariably they are landowners or cultivators. The word Kapu is said to mean watchman, and Reddi king.
- karuppukittinoi, Tamil karuppu black, kitti approaching, noi disease; a plant disease, not specifically identifiable.
- karugal a plant disease, involving a blackening of the tissues. Not specifically identifiable.

Karuvans (Karumans) blacksmiths, a division of the Kammalan caste, q.v.

kaihakali, literally 'story-entertainment.' A form of dramatic entertainment peculiar to the West Coast. The subject is always mythological, and the gods appear in grotesque forms, the actors wearing masks. Similar entertainments are common in Tamil districts, but without the grotesque conventional get up.

kattukuttagai (Tamil, kattu tie, kuttagai rent) a defined fixed rent, or the letting of land for a defined rent.

kazhichal ordinary diarrhœa.

keppai = tenai, q.v.

- kilipuchi (Tamil) literally 'parrot insect.' A name given to various insect pests from a fancied resemblance to a parrot's beak; in text, the locust.
- kist the word ordinarily used to denote the land revenue payable to Government, but sometimes used also for the rent paid to the landholder under Government.
- kol fields are lands on the West Coast which have been partially reclaimed from backwaters for paddy cultivation. During and after the rains they are under water; in the hot dry season they are kept partially dry by pumping.

komari foot and mouth disease.

Komatis the great Telugu trading caste of the Madras Presidency, corresponding to the Tamil Chettis. They are very widely scattered.

kondapurirogam. Kondapuri is a Telugu name for a variety of paddy cultivated on high lands, rogam is Telugu for disease.

koraladappan (Tamil, koral throat, adappan swelling) hæmorrhagic septicæmia.

korra Italian millet.

- kota (kotah, kotai, kottai) the measure of grain commonly used in the extreme south, the districts of Rāmnād and Tinnevelly. It may be 90, 96, 112 or 120 Madras measures.
- Kshatriyas the kingly and warrior caste according to the Laws of Manu. In South India various people term themselves Kshatriyas, though their descent from any true Kshatriya caste is doubtful.
- kudirai-val horse gram (Dolichos biflorus), a small-grained pulse grown over about 2,000,000 acres in Madras Presidency, the regular feeding stuff for horses, also used for cattle food and for human consumption. Kummaras the Telugu and Kanarese caste of potters.
- kunaivandu literally 'hunch-back weevil.' In the text the cotton pest referred to is *Atactogoster finitimus*, but the same name is applied generally to weevils having prominent beaks.

kunnal a term used for ordinary fever in cattle, and in some places for black quarter.

Kunparars = Kummaras, q.v.

kurama anthrax.

- kuruthupuchi, literally 'shoot insect', the stem borer caterpillar, Chilo simplex.
- kuthakai (kuttakai) a lease of land.

lingam a phallic symbol found regularly in connexion with Siva temples, usually about 3 feet high, and carved out of very hard and durable stone. Madras measure = 108 cubic inches = 8 ollocks; 8 Madras measures = 1 marakkal = 500 fluid ounces.

mahimai (Urdu) a tax for religious or charitable purposes ; village octroi.

- Malayalam a Dravidian language closely related to Tamil (q.v.) but with a larger accession of Sanskrit words, spoken on the West Coast, in the States of Travancore and Cochin, and the district of Malabar.
- Malayas a Malabar caste of devil dancers or professional exorcists, who eke out their living by singing and begging.
- malli coriander. Grown chiefly in Tinnevelly for its seeds, but the leaves also are used as a vegetable.
- *mamoti* a short handled broad bladed hoe, used instead of a spade, or shovel, and for a great variety of purposes. There is one in the foreground of the illustration "Agricultural implements used in Thettupalli."
- *mamul* custom, hence a customary payment (as to a village blacksmith), hence a bribe or illicit fee extorted by a village official, minor Government official, or station-master.
- mandapam (Sanskrit) a porch, hall, or cloister—usually a pillared shelter for pilgrims.

mandravadi one who chants mantrams.

manjanathi morinda tinctoria, a common shrub, used for green manure. The bark of the root yields a yellow dye.

Mannans (Vannans) a caste of washermen in Tamil and Malayalam countries. On the West Coast they also act as priests of Bhagavati (a goddess of the Gangamma type) and as devil dancers.

mantrams hymns, prayers or spells recited with magical effect.

- Mappilas (Moplaks) the Muhammadans of the West Coast, originally the descendants of Arab traders and native women, but with their numbers swollen by accession of converts from depressed castes of Hindus, who by conversion escaped from slavery and degradation. They are physically vigorous, but turbulent and disorderly.
- marakkal usually 8 Madras measures, but 2 in Tanjore and Trichinopoly, 4 in Tinnevelly, and 3 in parts of Rāmnād.
- Maravars a numerous caste in the Southern districts of Madras Presidency, originally robbers and marauders, more recently cattle thieves, village watchmen, and black-mailers, now partially converted to agricultural pursuits.
- margosa, called also neem, azadirachta indica, a very common tree yielding hard, durable timber. The seeds yield oil, the leaves and bark yield a febrifuge.
- Marumakkattayam the custom of inheritance through the female line, from mother to daughter, that prevails among the Nairs, Bants, Billavas, Tiyyas and other castes on the West Coast. As the property is usually held by large undivided families, and administered by the eldest male, who is succeeded in the management by a brother or nephew, it is called in North Malabar Aliyana Santana, or Sister's son inheritance.
- maund a variable weight. A railway maund is 82.28 lb., a Madras maund about 25 lb.
- melkanam (melcharth). Mel means over, above. Melkanam is the payment and receipt of an extra kanam, or fine on renewing a lease, in excess of that paid by the actual kanamdar or leaseholder, to secure a transfer of the lease,

- minnai oil, commonly called *pinnai* or *punnai* oil, extracted from the fruit of the common poon (*Calophyllum inophyllum*, Linn.), which is also called the Dilo oil tree or Domba oil nut tree.
- mirasidar (mirasdur). In Tanjore, Trichinopoly and North Arcot districts, where the ryotwari lands are generally held by Brahmans, the pattadar who holds direct from Government is frequently termed a mirasidar. This is an honorific title, and the mirasidar is usually very unwilling to do the actual work of cultivation.
- mochai the country bean, Dolichos lablab.
- monigar = munsif.
- munsif village headman.

musara rinderpest.

- Musaris Malayalam brass and coppersmiths, a division of Kammalans.
- Mysore breed of cattle. Great attention was paid to the improvement of cattle for draught by Hyder Ali and Tippu Sahio, and they established systematic cattle breeding, using the best of the animals they captured. To their success was due the rapidity of their marches. The wellbred Mysore ox is a good sized, strong and active animal, allowed to run wild when young, and very hardy.
  - N

Nachiyar a non Brahman lady who through extreme devotion to the worship of Vishnu became a goddess and one of Vishnu's mistresses. nali (nari, nazhi) a West Coast measure, one-fourth of an edangali, q.v.

- nalupujadyam. Nalupu blackness, jadyam sickness. In the text probably refers to malignant oedema.
- Nambiyars a section of Nayars, q.v.
- Nambudri (Nambudiri) Brahmans the Brahmans of the Malabar Coast. They have the highest reputation of all Brahmans for piety and Sanskritic learning.
- Nayadis a hunting tribe living on the forest-covered hills of the West Coast. They are considered the lowest of the untouchable castes, and pollute a Brahman at a distance of 300 feet. Owing to the operation of the Arms Act and the shrinking of the forests, their occupation is largely gone, and while living mainly on small wild animals and roots, they often serve as watchmen, guarding crops from wild beasts at night, and sometimes do agricultural work, but they rely more on begging for subsistence.
- Nayakars a Telugu-speaking caste of agriculturists numerous in the Rāmnād, Tinnevelly and Madura districts, closely akin to the Nayudus of Tanjore, and to the Kapus or Reddis.
- Nayars (Nairs). The name means a leader or soldier. The military skill and valour of the Nayars was highly praised by various travellers of the seventeenth and eighteenth centuries, and by Camoens. It was the ancient custom for their chieftain, the Zamorin, to cut his own throat after reigning 12 years. This was modified at an unknown date, and during the seventeenth century the Zamorin instead held a great 12 days feast every twelfth year, at the close of which young men were invited to fight their way through the Zamorin's guards, and kill him, with the prospect of succeeding to the throne if successful.
- Nayudu a title assumed by certain Telugu castes. The Nayudus described in the text are Kapus or Reddis.
- Navuri (na tongue) lampas, a swollen condition of the hard palate in cattle, a symptom of various diseases, not a specific disease.

#### GLOSSARY

Nellore breed of cattle, also, and more correctly, called the Ongole breed. They are the largest and heaviest breed in South India; the oxen being slow, but suitable for heavy work, and the cows the best milkers of the native breeds. They are bred in the Guntur district and adjoining parts of the Nellore district, Ongole being about the centre of the area, and they pass through the town of Nellore on their journey southwards. The soil in the locality is rich in lime, which favours the growth of bone. The cattle are fed on private pastures and certain bulls are dedicated to the gods and set aside for breeding, but these are not necessarily selected for any good quality.

nilams the name given to paddy lands in the Malayalam country.

O

Oddars a Telugu-speaking caste of navvies and earthworkers, who originally came from Orissa. They have relatively good physique, eat meat, are very fond of toddy, and allow polygamy and free divorce. Women are only restricted from changing husbands after having had eighteen.

This limit does not apply to men.

Omum the crude drug from which thymol is extracted.

Onam the great annual festival of the Malabar Coast, held early in September or at the end of August, lasting about four days. At this time the god Parasurama, according to some accounts, revisits Malabar; according to other local traditions it is the local god Mahabali, a Dravidian deity, whose visit takes place.

#### $\mathbf{P}^{\cdot}$

Pachalai the green plant bug Nesara viridula.

- Padiyals from padi a measure ; one who receives a defined quantity of grain from his master.
- Paliath Atchan. 'Paliath' is the name of a tarvad originally supplying hereditary prime ministers to Cochin, and still the richest jenmis in the State. Each member of the tarvad is called 'Atchan,' an honorific term meaning father.
- paliki-guntaka, or, perhaps more correctly, paliki-guntava (v. guntaka), a twelve-toothed rake, drawn by oxen, similar to the six-toothed implement shown in the illustration "Agricultural implements used in Thettupalli."
- palikimanu levelling board, more correctly spelt palakamānu; palaka means plain, level; mānu wood.
- **Pallans** the great caste of agricultural labourers of the south of the peninsula, almost entirely engaged in the cultivation of wet lands, and once slaves, and now practically in serfdom, though partially emancipated by conversion to Christianity and the increased demand for their services caused by the need for labourers on Ceylon tea and rubber estates.

Panans a depressed caste of the West Coast, devil dancers and umbrella makers. They have paternal descent (father to son) of property, and are said to practise fraternal polyandry.

*Panchamas*, literally the fifth caste, a general name for all untouchables, as Pallans, Paraiyans, Cherumas, etc.

fanchayat, literally an assembly of five men, actually a small committee of five or more or fewer men, either elected or nominated, to attend to the

#### GLOSSARY

common affairs of a village or caste or other small aggregation of people.

pandaravaka from pandara Sirkar, government, vaka sort or kind (Malayalam).

Pandarams a section of the Vellala caste which performs priestly functions. pandluminu a wooden harrow, with about 24 wooden teeth about 3 inches long, drawn by hand.

Panikkans. This word means teachers or workers, and is variously applied in the Malayalam country to barbers, fencing masters and craftsmen.

pannaiyals serfs, from pannai, home farm or demesne land.

- paracheri the collection of huts occupied by the Paraiyans of a village. While the Paraiyans are not allowed to enter the caste village, Brahmans are not allowed to enter the paracheri, even if willing to do so. The Paraiyans hold that disaster would follow the entry of a Brahman.
- Paraiyans, commonly termed Pariahs, a large untouchable caste, numbering about two millions, mostly living in the district immediately to the south of Madras. Like the Pallans they are very largely agricultural labourers on wet lands, and practically in serfdom. The domestic servants employed by Europeans in Madras are mostly of this caste.

parambas (Malayalam) cultivated lands under any crop other than paddy.

Parasurama the god Vishnu in one of his incarnations, in which he created the land between the Western Ghats and the sea (p. 146).

parivarthanai (Sanskrit) exchange or barter.

patel = munsif village headman (Kanarese).

*patta* the title-deed to ryotwari land granted to the peasant individually by the revenue officer.

- *pattadar* the holder of a *patta*. His tenure is for life, and on his death the holding is divided among his heirs according to the custom of his community, i.e., if he is a Hindu, equally among his sons, if a Muhammadan, two-thirds of it between the sons, one-third between the daughters. He can mortgage or sell his rights.
- *pattu* a horse disease, probably surra. Surra is caused by a protozoon allied to that which causes sleeping sickness, and produces general debility.
- Poligars marauding chieftains established in the seventeenth and eighteenth centuries over many districts of South India, carrying on wars with one another, with the more settled native governments, and, latterly, with the East India Company. The present localization of great numbers of people of Kallan and Maravar and similar castes of criminal traditions is the permanent consequence of this political condition.
- Pongal a harvest festival held early in January, the first three days of the Tamil month Tai.

Poniamman a village goddess of the Gangamma type.

poramboke land in a village reserved for purposes other than cultivation. pothimuzhungunoi (muzhungu devour, noi = disease) not identified.

Pulayas a division of the Cheruma caste.

Punganur breed of cattle. There was a breed of cattle peculiar to the zamindari village of Punganūr, of short stature. not over 36 inches ir, height, but esteemed for the milking qualities of the cows, and the excellence of the oxen for draught. The pure breed is extinct.

puravaka (pura outside, vaka sort) land in Cochin over which Gover ment's rights have been transferred to private owners, as contrast, with pandaravaka 'government sort.'

putti (pothi) a variable weight, usually about 500 lb.

- Ragi (Eleusine coracana), an important crop, usually a dry crop, but sometimes irrigated. It very seldom grows with anything like the luxuriance shown in the illustration. It is grown on about 2,500,000 acres in Madras Presidency.
- Ramayana. The version of the Ramayana of the poet Kamban is the great epic of the Tamil language, and is asserted by some to be far superior in literary quality to the Sanskrit version. A similar claim is made for the Telugu version of the Mahabharata
  - S
- Saivites worshippers of Siva and followers of Sankaracharya, the religious leader who flourished about A.D. 800, whose teaching superseded Buddhism over most of India. The 'Saivites' and 'Vaishnavites' are the two great Hindu sects. The Saivite symbol is white cowdung ashes smeared on the forehead.
- sambal literally 'ashes,' an unidentified plant disease.
- samooham Sanskrit for an assembly.
- sandai (shandy) a village fair or market.

santhadappan haemorrhagic septicaemia.

Saradambal, or Sarasvati, the Hindu goddess of learning.

- sarvamanyam from (Sanskrit) sarva entire and manyam gift. A gift of land free of rent.
- Sastrigat a reciter of Shastras, or sacred hymns, or a Brahman who performs religious ceremonies. The word Sastri is used as a caste name by some Tamil and Telugu Saivite Brahmans.
- Sathanis a Telugu caste of temple servants supposed to have originated in the time of the Vaishnavite reformer Remanujacharya (cir. A.D. 1100).
- sazzula the Telugu name for spiked millet, *Pennisetum typhoideum*, called *kambu* in Tamil and *bajra* in Hindustani. Grown on about 3,000,000 acres in the Madras Presidency.
- seer by statute one kilogramme; on the railways 80 tolas, a tola being the weight of a rupee (= 2 05 lb.), in Anantapur 21 tolas, in many parts of the Presidency 24 tolas (about 10 oz.).
- sendal (sendalai) literally 'red leaf,' a reddening of the cholam leaf through the attack of mites. It is sometimes very destructive.
- Shanars the great toddy drawing caste of the Tamil country, specially numerous in the extreme south of the Pennsula, where there is a considerable area where the palmyra is the sole means of subsistence. They call themselves Nadars, and claim to be by origin a landowning and soldier caste worsted in war by the Madura monarchs. They have been regarded by some other castes as Panchamas, and their right to enter Hindu temples disputed; and there is a bitter feud between them and the Maravars. Great numbers have become Christians, and they are rapidly rising in education, wealth and social status.

shanbhog Kanarese for karnam, village accountant.

Smarthas Tamil-speaking Saivite Brahmans.

**Siva** the supreme god worshipped by Saivite Hindus. Combined with Brahma and Vishnu in the Trimurti, or Hindu trinity, Siva is conceived as embodying the destructive function of the deity. But as the supreme god of the Saivites he is fundamentally the god of life and procreation, his symbol being the lingam. His consort is Parvati, his sons the elephant-headed Ganesa, and Subrahmaniam, who rides on a peacock.

soap-nuls (concinna) a species of bean. The outer cover of the seed is boiled or pounded into powder, and used to rub over the skin and hair after taking an oil bath to remove the greasiness.

Sraddha a day of mourning for a dead father or mother, on which two Brahmans are fed. It is celebrated every month for one year, and afterwards every year on the anniversary of the day of the death.

suruttai curling, rolling up. Any leaf disease or plant blight that curls up the leaf.

Swadesamitran, literally 'friend of one's own country.'

Syrian Christians According to strong local tradition, disputed but not improbable, this church was founded by St. Thomas the Apostle. Little is known of it up to the arrival of the Portuguese, since when it has had a chequered history, mainly owing to the efforts of the Jesuits to bring it within the Roman fold.

T

Tahsildar the Revenue officer in charge of a taluk.

talaiyari a village watchman.

- taluk a division of a district (q.v.) comprising 3 to 5 firkas. There are usually 8 to 10 taluks in a district.
- tamarind a large evergreen tree, the heart wood of which is very durable, and used for the mortars of oil mills, shafts, axles, etc. The fruit is sour and laxative and is regarded as a necessary article of food.
- Tamil the most highly cultivated Dravidian language, possessing a large poetic and grammatical literature. It shows the transition from the agglutinative to the inflected stage of development. It has no relative pronoun, instead the use of participles is wonderfully developed. It is extraordinarily difficult for a European to learn, as there is no accent, the words run into one another and the pronunciation is very rapid, the syllables being slurred over. The versification is very elaborate, being based on quantity, and using rhyme and alliteration.
- Tamil names. Surnames proper are not used in Tamil. The caste name follows a man's own name and that is preceded by two initials, the first standing for the name of the place where he was born, the second for his father's name. The former of these is sometimes omitted. His own name is usually one of the names of Siva, or of Vishnu, or the incarnations of Vishnu (Rama and Krishna), or Subrahmaniam. *Tiru*, holy, is a frequent prefix, and *Swami*, deity, a common affix.
- Tamil year. The Tamil year has twelve months, Chitrai, Vaigasi, Ani, Adi, Avani, Purattasi, Arpasi, Kartigai, Margazhi, Tai, Masi, Panguni. April 12th, 1918, was New Years day, 1st Chitrai, of the Tamil year 1841. The months are solar. Each day (of 24 hours) is divided into 60 'naligas.' A month does not begin at any particular hour of the day.
- taram class. Each field in a village is classified for revenue purposes according to the colour, texture and fertility of the soil, facilities for irrigation, and distance from village-site. The fields so classified fall into a series of classes, or *tarams*, each class being assessed at an appropriate money rate. There is a separate series for 'wet' and 'dry' lands.
- Telugu the most widely spread Dravidian language, spoken, according t the Census of 1911, by 22,543,000 people, Tamil being spoken bi, 17,129,000, Kanarese by 10,526,000 and Malayalam by 6,792,000.

#### GLOSSARY

contains a larger proportion of Sanskritic words than Tamil, and is less subtle and precise, and there is an even wider severance between the literary and popular forms of the language. It has a considerable poetical literature, the Telugu version of the Mahabharata being asserted to be far superior in literary quality to the Sanskrit version. It is more euphonious than Tamil and has been termed "the Italian of the East."

thada an inflamed condition of the throat in cattle, a symptom, not a specific disease.

thalpuchi (Tamil) thal stalk, puchi insect.

tharvād (tarwād) the undivided family of the Nayars. As inheritance follows the female line, while a man has a right to maintenance during his life from the property of his *tharvad*, he transmits no right to his children. The desire to do so is frequently very strong, and the whole system of *tharvads* and *marumakkattayam*, though it has great advantages, appears likely to fall into decay.

Thattans (Thattars, Tattans) the goldsmith division of the Kammalan or artisan caste.

thellachida (Telugu) thella white, chida pest.

Thiyyas (Tiyyas) the toddy drawing caste of the southern portion of the Malabar coast, corresponding to Billavas further north, and to Shanars in the south-east. Like the Nayars, Bants and Billavas, they follow the marumakkaitayam system of inheritance. They are advancing in education, wealth and status.

tirumanjanam, tiru (Tamil) holy, manjanam (Sanskrit) anointing. Tirunal (Tamil) tiru holy, nal day.

*toddy* is extracted from coconut palms, date palms, and palmyras. It is a sweet juice which ferments immediately unless fermentation is prevented with a view to conversion into jaggery and sugar. It is usually drunk the day after it is gathered, being then a somewhat stupefying intoxicant. The next day it becomes vinegar, and then speedily decomposes.

tola the weight of a rupee, '4114 oz.

Tolkollans leather workers and dyers of the Malabar coast.

tondaipuchi literally "throat insect," the paddy stem borer, schoenobius bifunctifer, a serious paddy pest.

Tondaman the family name of the Raja of Pudukkõttai, the head of the Kallan caste, and the name of a sub-caste of limeburners, supposed to be a section of the Kallan caste which migrated to Tinnevelly from Pudukkõttai.

U

Uralla, presumably from  $\bar{u}r$  village, and  $\bar{a}l$  headman.

 $\mathbf{V}^{\cdot}$ 

Vainoi foot-and-mouth disease.

- Vaishnavites worshippers of Vishnu, and followers of Ramanuja, the Vaishnavite religious leader and reformer, who flourished about A.D. 1100. The badge of the Vaishnavite is a trident shaped white and red mark on the forehead.
- *wakil* a lawyer, who may act indifferently as a legal adviser or advocate. Lawyers entitled to plead in the High Court are termed High Court Vakils. The title 'Barrister-at-law' can only be acquired by studying in the United Kingdom.

varagu kodo millet (Pasphalum scrobiculatum), a cereal inferior both as food and fodder, but very hardy and a useful famine reserve, grown over nearly two million acres in Madras Presidency.

.varam share.

vekkai (Tamil, hot) rinderpest.

vellaithal (Tamil) vellai white, thal stalk.

Vellalas the great farmer caste of the Tamil country, corresponding more or less to the Telugu Kapus or Reddis, and ranking, among Tamils, next to Brahmans.

- verpulu, literally "root worm." Any sort of worm or grub that attacks the roots of plants.
- verumpattam tenancy at will. (Verum unqualified or unfavourable, pattam lease.)

vethupu rinderpest.

Vettis the lowest class of village servants, whose duty is to watch the burning-ground set aside for disposal of the dead.

- Vinayaga Chaturti. Vinayaga, another name of Ganesa. Chaturti is the fourth day after new moon and full moon.
- Vishnu the supreme deity worshipped by Vaishnavite Hindus. Vishnu underwent a series of incarnations in animal and human form. As Rama he is the hero of the epic Ramayana, as Krishna he is a character in the Mahabharata, and utters the Bhagavat Gita, the most sacred exposition of Vaishnavite ethics.
- viss a variable weight. In Madras 1 viss 120 tolas, or about 3 lb., in Ganjām 1 viss 400 tolas.

W

Wariyar one section of the Ambalavasis, q.v.

Y

yetham-bana the bucket of a picottah.

- Z
- Zamindar (Zemindar) a local chieftain or revenue officer recognized by the East India Company in parts of Madras as well as in Bengal as a landed proprietor. The Zemindari properties of Madras Presidency are under permanent settlement as in Bengal, but in practice an important difference arises from the fact that they have mostly been brought under the Impartible Estates Act, so that no large class of poor but idle zemindars has been created.
- Zamorin the title of the ruling princes of Malabar, of great importance at the time of the Portuguese arrival in India and later (v. also Nayars).

[Note.—Thurston's " Castes and Tribes of Southern India " and R. C. Wood's " Notebook of Agricultural Facts and Figures " have been used largely for this Glossary.]

# INDEX.

A

Abhishekam, 92 adappan, 79 adatudai, 79 adhigari, 161, 162 adiyappan, 62 adoption, 220 Agency tracts, 113 aggijadyam, 99 agraharam, 88, 122 Agricultural Statistics of Madras Presidency, 230 Agriculture, Department of, 4, 5 Aiyangar, 29 Aiyar, 182 Akalanum hills, 167 Akbar, 237 Aliyana Santana, 214 Ambalavasis, 164, 183 Amildar, 109 Anandakrishna Iyer, Mr. L. K., 124 ancient remains, 85 Ani, 229 anicuts, 53 area of Madras Presidency, 230 arecanut cultivation, 170, 216 arecanut trade, 175 Ariyur, 226 Arjuna River, 29 Arpasi, 229 arrack, 6, 174 aruppampuchi, 62 Asaris, 133, 164, 181 astrologer, 43, 73 avarai, 36, 79 average income, 16 Avulapalle forest, 100 Ayakudi, 66n Ayanar or Aynar, 12 Ayurvedic medicine, 139, 185, 196

#### B

Babylon, 240 Baghdad, 240 Baroda, Land Holdings Commission, 242 Balijas, 95 Bants, 214 bandaikkai, 89 barber's wage, 39 basket-makers, 190 Bestas, 103 etel leaf cultivation, 216 thagavathars, 121 hakiyar kooth, r42 Illavas, 214 eth-rates, 14, 148*w*, 220 ccksmith's wage, 38, 66, 100, 190 boars, 167 Bombay, migration to, 212 Boyas, 95, 103 bridegroom price, 197, 221 broad-cast sowing of paddy, 87 Buckingham and Carnatic Mills, 17*n*, 233 buffaloes as scavengers, 72 burfaloes as scavengers, 72 burial, 12 Burma v. Rangoon.

#### C

Cambodia cotton, 4 carpenters, 38, 66, 109 caste village Eruvellipet, 11 ,, Vadamalaipuram, 31, 38 Palakkurichi, 79 casuarina, 4, 5 caterpillars, 132 cattle, number of, 230 cattle breeding, 10, 64, 80 cattle feeding, 35, 61, 78, 88, 105, 131, 172, 187 Cauvery River, 77, 206 cereals, consumption of, 230 Ceylon, emigration to, 15, 212, 181 Ceylon Labour Commission, 9 Chaitra Pournami, 92 Chakkiliyans, 33, 52 chalidomma, 100 Chalisseri, 175 chamulu, 105 chavadi, 94 chazhi, 173 chemical manure, 87, 90 Cherumas, 124, 126, 164, 165, 169, 182, 193, 240 Chettis, 9, 182, 190 chewing, 174, 197 Cheyyar River, 224 child marriage, 121 chilli cultivation, 216 chit funds, 47, 136, 169 Chitrai, 229 Chittar, 56 chodi, 112 cholam, 20, 61 cholera, 13, 41, 108, 212 choodi, 216 cock-fighting, 215 coconut, acreage under, 231 milk of, 232 ... , palms, 2, 85 coconut oil pressing, 153 coconuts, price of, 188 coffee drinking, 221 common fund, Dusi, 91 Eruvellipet, 14 .,

" concentration condiments a Conjeeveram, Co-operative 45	, Guruvayur, 158 Kshetralapuram, 209, 210 Palakkurichi, 81 Tenkasi, 219 Vadamalaipuram, 40 of property, 8 nd spices, acreage under, 231 90 agricultural society, 35, 44, Credit Society, Gangaikon- dan, 69, 70	dhotis, 218 dikshadar, 53 domma, 100 Dommara, 95, 103 Dommara's wage, 1 donthi, 105 double kamalai, 31 dowry, 219 dramatic performanc Dusi-Mamandur lak duty of plough, 60
	Gownipalle, 107,	dwellings of depress
	108	
,,	Vadamalaipuram,	
	44, 45	Eastern Ghats, 2
corn-dealers,		edangali, :25
coriander, 68		Edigi-Gandlas, 103
costs and pro	fits of cultivation, Gangaikon-	education, 233
	dan, 63	, Dusi, 93
**	Gopalasamud ram,	,, Eruvellig
	222 Kshetralapuram,	,, Gangaik
**	207, 208	,, Gownipa
. "	Neermarga, 215	,, Guruvay
	Pattamadai, 213,	"Kothach
	214	,, Palakku ,, Thettupa
,,	Polur, 223	Vadamal
17	Trichinopoly, 227,	Vatanam
	228	Vunegati
**	Vatanamkorussi,	,, Watakan
	203, 204	efficiency of labour,
	Vunagatla,	Eluvas (Ezhuvans),
	113, 114	emigrants' earnings,
"	Watakanchery,	emigration from Eru
cow dung, use	135 IS	n Gai
cow-herds, 22		, Ksł
	f milk, 131, 162, 231, 241	, Pal
	ltural operation, 243	,, Pat
crime, 144		exchange of lands, 2
Cuddalore, 2		Ezhuvans v. Eluvas
-		ASALLEYALS V. LILLYALS
	D	1

Daffadar, 109 daily routine, 92 death-rates, 125, 148, 177, 220 debt, Dusi, 91 Eruvellipet, 9 ° 9 9 Gangaikondan, 69 ... Gownipalle, 107 17 Guruvayur, 157, 158 Kothachira, 176, 177 Kshetralapuram, 209 23 ,, ,, Mallur, 19 Thettupalli, 101 ., .. Vatanamkurussi, 195 ., Vunagatla, 116 ,, Watakanchery, 137 ... Deccan, 4 deer in forest, 61 desam, 163 Desamma, 12 devaswoms, 129 dhobi, 9 dhobi's wage, 38

100 ces, 92, 118 ke, 84 sed castes, 11, 65, 100

#### E

edangali, :25
Edigi-Gandlas, 103
education, 233
,, Dusi, 93
,, Eruvellipet, 13
,, Gangaikondan, 71, 72
,, Gownipalle, 108
, Guruvayur, 161
Kothachira 178
,, Palakkurichi, 80
Thattypelli tog
Vadamalainurani 4r 4a
Vatanamlumum top and
Vupogatio tat
,, Watakanchery, 140
efficiency of labour, 9, 10
Eluvas (Ezhuvans), 124, 182
emigrants' earnings, 15
emigration from Eruvellipet, 14, 15
" Gangaikondan, 74
" Ksheiralapuram, 211
" Palakkurichi, 82
" Pattamadai, 212
,, Vadamalaipuram, 47
exchange of lands, 21, 65, 79, 89, 208, 224 Ezhuvans v. Eluvas

#### F

Family Budgets, Gangaikondan, 74, 76 ,, Neermarga, 217, 218 Trichinopoly, 226 ,, Vadamalaipuram, 48-52 ., Vatanamkurussi, 204, 205 family solidarity, 6 feeding of cattle, 61 festivals, Dusi, 92 Eruvellipet, 11 ,, Gangaikondan, 71 ,, Gownipalle 108 ,, Palakkurichi, 81 ,, Thettupalli, 101 ,, Vadamalaipuram, 41 ,, Vatanamkurussi, 196 ,, Vunagatla, 121 Watakanchery, 126, 137 .. field huts, 19, 115 fish rent, 91 food prices v. prices of foods, etc.

forests, destruction of, 18

260

forest panchayat, 73 fragmentation of holdings (v. also exchange of lands), 65, 79, 208, 243 fuel, 62 fuel, pr ce of, 5, 132, 223

#### G

Ganesa, II Gangamma, 108 gavelkind, 6 gingelly, 4, 87, 208 gingelly, acreage under, 231 ginning, 38 goats, II goldsmiths, 155, 189, 241 goose-herd, 190 Gopalasamudram, 222 gorru, 105 gramam, 123 ground-nut, 3, 4, 208 acreage under, 231 gundasala, 100 guntaka, 105 Gurkar, 215 guru, 53 Hand-spinning, 38 harrow, 187 Heath, Josiah, 18 hereditary debt, 8 Hindu system of inheritance, 6 holdings, excessive subdivision of, 23, 236, 242 holdings, sizes of, 32, 58, 167, 185, 213, 220 hook-worm, 244 house-building, cost of, 89 houses, 232 Eruvellipet, 11 ,, Gangaikondan, 65 ,, Guruvayur, 152 ,, Kothachira, 173 .. Kshetralapuram, 208 ,, Neermarga, 216, 217 ,,, Palakkurichi, 79 ., Thettupalli, 100 ,, Vatanamkurussi, 189 ,,, " Watakanchery, 123, 124 house-sites, cost of, Palakkurichi, 79 Vunagatla, 115 Watakanchery, 133 husking paddy, 9 Ĩ Idayans, 68 Inam lands, 53, 89, 104 income tax, 237 indebtedness v. debt indigo, 4 infantile death-rate, 30, 125, 159, 196 insanitary habits, 71, 72, 80, 101 iron ploughs, 105 n ron workings, 102 talian millet (Tamil Tenai), 4, 34 J ick, 217

di madu, 81

jaggery, 116 Janmam land, price of, 195 Ja mis (Jenmis), 147, 168 Jenmi-Kutiyan Regulations (Cochin Tenancy Regulations), 128, 168 jettis, 116 Jevons, Prof. H. Stanley, 243 jewellery, 135, 157, 232 joint pattas, 7, 8 jungle, 95, 96

#### ĸ

Kabalai (kamalai, kavalai), 20 Kaikolans, 54 kainoi, 62 kalam, 80, 86, 208, 225 Kali, 12 Kallasaris, 133 kalsi, 215 kambu, passim Kammas, 77, 112 kanaga, 106 kanagi lands, 97 kanan (kanom) leases, 128, 147, 168, 184 Kanjamalai, 17 kanjurnoi, 37 Kanniseri cattle fair, 35 Kapus, 95, 112, 220 Karamalas or Kammalas, 95, 103 kar crop, 213, 222 karnam, 43, 81 karuppukittinoi, 62 karugal, 37 Karuvans, 163, 182 kathakali, 142 kattukuttagai, 32 kazhichal, 62 keppai (Italian millet), 34 kilipuchi, 36 kist, 233-239 " Dusi, 86 Eruvellipet, 3 Gangaikondan, 59 17 Gownipalle, 104 •• Guruvayur, 150 Kothachira, 166, 167, 171 ,, Rshetralapuram, 206 ,, Mallur, 19 •• Palakkurichi, 78 ,, Pattamadai, 213 Thettupalli, 97 Vadamalaipuram, 31, 33 Vatanamkurussi, 185 Watakanchery, 127 Kodaganallur, 221 kol fields, 126 kolattam, 108 Kollans, 133, 164 komari, 88 Komatis, 95, 103 kondapurirogam, 9) kooli, 216 korai, 208 koraladappan, 173 korra, 112 kota of land, 58 kota of paddy (kotah or kotai), 58.

Kshatriyas, 146 Kshatriyas (Ayurvedic physicians), 60 Kshetralapuram, 206 – 211 kudirai-val, 34 Kummaras, 95 kunai, 79 Kunparars, 182 kurama, 100 kuris v. chit funds, kuruthupuchi, 36, 62 kuthakai, 86 kuzhi-kutti, 187 Kytar fair, 66

L

Lalgudi taluk, 225 land hunger, 6 leasing of land, 57 leisure, 232 levelling board, 187 lingam, 11 Lisbon, 240 litigation, 73, 122, 200, 219 locusts, 99

#### M

Madras Economic Association, 1 Madras measure, passim. Madura, 2 mahali, 173 mahimai, 40 Mahratta Brahman, 29 Malabar land tenure, 146 malaria, 41 Malayas, 126 mallai, 36 malli, 34 Mallur, 18 Malattar River. 2. mamoti, 99, 105 mamuls, 100, 117 mandapam, 43 mandravadi, 173 mango cultivation, 99 trees, 2, 85 manjanathi, 36 Mann, Dr. Harold, 243 Mannans, 182 mantrams, 92 Mappilas (Moplahs), 124 marakkal, 38 Marasari (Asari), 133 Maravars, 30, 62 margosa, 2 Mariyattal, 12 marriage age, 42, 72, 93 Marseilles, 4 Marumakkattayam, 181 mason's wage, 66 masuran, 62 mat weaving, 133 Mathur hills, 167 Mauritius, emigration to, 211 medical aid, 71, 233 melkanam (melcharth), 129, 168

mera, 100 Mesopotamia, 224 millet cultivation, 98 minnai oil, 75 mirasidar (mirasdar), 208, 226, 229 mochai, 68 monigar, 94 monsoon plough, 63 Morison, Sir T., 1 moulders, 190 Muhammadan coolies, 193 Munro, Sir Thomas, 237 munsif, 10, 43, 81, 225 murders, 122 musara, 100 Musaris, 133 Mysore breed of cattle, 10, 65

#### N

Nachiyar, 41 nali, (nari, nazhi), 131 nalupu jadyam, 100 Nambiyars, 182 Nambudri Brahmans, 129, 146, 160, 197, 240. Nasranees (Nazarenes, Syrian Christians), 124. natakas, 142 Nayadis, 126, 182, 240 Nayakars, 29 Nayars, 160, 182, 197 Nayudu, typical family, 82 navuri, 88 neli, 123 Nellore breed of cattle, 224 nepotism, 7 Neermarga, 214-219 Nicholson, Sir Frederick, 241

#### 0

Oil engine, 3, 6, 60 ollock, 82 Onam festival, 193 ottam thullal, 142 overstocking pasture, 18

#### P

Paddus, 116 paddy, production and export, 230 paddy, time of growth, 129 padials (padiyals, pannaiyals), 239 Dusi, 91 •• Eruvellipet, 8 ,, Kshetralapuram, 209 ... Palakkurichi, 80 ... Polur, 224 ,, Trichinopoly, 229 ,, Vadamalaipuram, 40 Palar River, 84 Palghat, 182 Palghat Gap, 17 Palghat villages, plan of, 123 Paliath Atchan, 129 palikiguntaka, 99, 105 palikimanu, 99

Pallans, 33, 52, 213, 229

#### 26 Z

INDEX

palm-leaf books, 73 palmyra, 4, 9, 56 Palni, 236 Panamarattupatti tank, 19 Panans, 182 Panchamas in schools, 72 Panchamas' drinking habits, 221 Panchamas' wells, 31 panchayat, 43, 109, 162 Pandaram, 36 pandaram, 36 pandaravaka kanam, 128 verumpattam, 128 pandluminu, 105 Panikkans, 164 pannai system of cultivation, 227, 229 pannaiyals = padials, q.v.pappatams, 190 para, 193# Paracheri (Pariah village) Eruvellipet, 11 Guruvayur, 149 ,, ,, Palakkurichi, 79 **,**, 13 Vadamalaipuram, 30 Paraiyans, 126, 213 parambas, 124 Parasurama, 146 parivarthanai, 79, 80 patel, 109 Patro, Mr. A. P., 241 pattadars, 20, 236 Pattamadai, 212-214 pattas, 7, 8 pattu, 37 Penang, emigration to, 211 Pennar River, 3 pepper cultivation, 188 pethachida, 99 picottah, z pigs, 131, 218, 219 , as scavengers, 71 Pimpla Soudagar, 243 pisanam crop (pishanam, peshanam, peshanum), 57, 213, 222 plague, 19 plantains, 37, 207 plough, cost of, 187 ploughing, IO Poligars, 30, 225 pomegranates, 85 Polur, 223-225 Pondicherry, 2 Pongal, 116 Poniamman, 11 Ponnani River, 182 population, density of, 14, 148 population of Madras Presidency, 230 poramboke, 53 Pothavaram, 220 pothimuzhungunoi, 62 potters, 11, 189 potter's wage, 66, 100 price of foods, etc., Gangaikondan, 68 Gownipalle, 107 ... Guruvayur, 155 ., Thettupalli, 101 ,, Vadamalaipuram, 40 29 Vatanamkurussi, 194 .. Vunagatla, 115 ,,

price of foods, etc., Watakanchery, 135 price of land, Dusi, 86 Gangaikondan, 70 ... Kodaganallur, 221 ,, Kshetralapuram, 209 ,, Thettupalli, 101 .. Vatanamkurussi, 195 ,, Watakanchery, 127 prices, rise of, 192 prickly-pear, 2 private pasture, 20 profits of cultivation, v. costs and profits of cultivation. Pulayas, 125 Punganur cattle, 99 Puranic stories, 12, 142, 198 puravaka, 128 putti, 107

#### R

ragi, passim. Ramachandra lift, 21 Rangoon, emigration to, 212, 220, 241 rates of interest (v. also debt), 157 reaping, 10 Reddi channel, 3, 15 Reddis, 2 registration of births and deaths, 84 rents, Dusi, 85, 86 Gangaikondan, 58, 59 ,, Kshetralapuram, 206 ,, Palakkurichi, 78 ,, Thettupalli, 97 roads, 81, 154, 191, 244 Rome, 240 rope-making, 153

Ś

Salem, 17 sale of village produce, 67 salt as manure, 151, 188 sambal, 36, 37 Samooham, 137 sandai, 19 Sankaracharya, 70 santhadappan, 79 Saradambal, 70 sarvamanyam, 150 Sastrigal, 142 Sathanis, 103 savings, 68, 90 sazzulu, 101, 105 scavenger of village, 73 school garden, 42 school museum, 42 schoolmasters' pay, 198 Season and Crop Reports, 230 seers, 244 sendal, 36 senna, 34, 64 sevattai, 37 shaikdar, 109 Shanars, 40 shanbhog, 109 Shevaroys, 17 Shivalaperi cattle fair, 65 shopkeepers, 33 Shoranyr tile works, 189, 197

263

silting up of tanks, 19, 102 Singapore, emigration to, 211

single transplantation of paddy, 8, 57, 2c8 Sirisola, 241 Siva, II size of holdings v. holdings, size of size of plots of land, 65 slavery (tradition of), 69 small-pox, 71, 120 snake bites, cure of, 92 snake worship, 124 soap-nuts, 117 South Pennar River, 2 spiked millet = kambu, 3 spinning (hand), 66 spring channels, 3 Sraddha, 226 Sringeri mutt, 70 State pandit, 93 steeping paddy, 98 storage of cattle-dung, 113 suckling, period of, 231 sugar-cane, 4, 98 acreage under, 231 sugar-refining, 6 suruttai, 37 "Swadesamitran", 47 Sweet-potatos, 37 Syrian Christians v. Nasrances

т

Tailor's wage, 39 talayaris, 101, 219 taluk, passim tamarind, 25, 85 Tambraparni River, 219 Tamils, passim Tanjore delta, 77 tanks, Dusi, 85 Eruvellipet, 3 ,, Gangaikondan, 56 ,, Gownipalle, 104 ,, Mallur, 19 ... Palakkurichi, 78 ,, Polur, 224 ... Thettupalli, 96 " Vadamalaipuram, 31 ,, Vatanamkurussi, 184 ,, Watakanchery, 126 ,, tarai, 123 taram, 213 tea drinking, 232 Telugus, 3 Temple panchayat, 211 tenai v. Italian millet Tenkarai, 219 thada, 173 thalpuchi, 88 Tharvad (Tarwad), 65, 150 Thattans (Thattars, Pattans) also ٧. "goldsmiths", 133, 164, 182 thellachida, 99 Theosophical Society, 81 thiripamu, 100 Thiyyas (Tiyyas), 164, 182 tigers, 167

timber shop, 33 tirumanjanam, 92 Tirunal, 11 Tiruttangal, 39, 41 tobacco, 4 toddy, 76, 85 toddy drawers, 115, 118 Tolkollans, 133 tondaipuchi, 36 Tondamans, 54n trade of village, v. village trade, 117 Trichinopoly, 225-229 typical village, T

Ubravars or Oddars, 17 umbrella makers, 190 uncle, 7 Union, 94 Uralla, 146 urea as antiseptic, 5n Vaccination, 241 vainoi, 62 Vaishnavite, 219 vakils, 7 value of land, v. price of land varagu, 34 varam, 85 varatties, 4, 188, 223 Vedas, recital, 89 vekkai, 79 vellaithal, 36 Vellalas, 18 verpulu, 36, 37 verumpattam tenure, 128, 169 veterinary surgeon, 88 vethupu, 37, 62 Vettis, 219 village assets, Vadamalaipuram, 40 village cow-herd, 35 village improvement, 42, 44 village indebtedness, v. debt village pandit, 89 village trade, Gangaikondan, 66 Gownipalle, 106, 107, ۱, Guruvayur, 156 ,, Kothachira, 175 ,, Palakkurichi, 80 73 Thettupalli, 100 " Vadamalaipuram, 39 ,, Vatanamkurussi, 190- 192 ,, Watakanchery, 134 Villupuram, 2, 9 Vinayaga Chaturti, 11 Vishau, 12 viss, 101 Wages, 16, 17 Cochin State, 134 59 · Dusi, 91 **5**3 Gangaikondan, 57, 66, 68 .... Gownipalle, 107 ,, Guruvayur, 154, 155 21

Polur, 224 3-3 Thettupalli, 101 ,,

#### INDEX

#### 264

sickle, 10

### INDEX

Wages Vadamalaipuram, 33 Vatanamkurussi, 193 , Vunagatla, 115 Wariyar, 163 Weavers, Dusi, 90 , Gangaikondan, 66, 66*n* , Gownipalle, 106 , Guruyayur, 152 , Kshetralapuram, 208 , Mallur, 19 , Polur, 224 , Vunagatla, 115 wedding ceremony, 215 wedding feasts, 219 weights and measures, 244

wells, Guravayur, 161 ,, Thettupalli, 101 wells, Vadamalaipuram, 31, 42 ,, Vatanamkurussi, 184 women's work, 194

#### Y

Yekilis, 95, 103 yetham bana, 99, 105 Yercaud, 17 yield of land per acre v. costs and profits of cultivation.

#### Z

Zamindari Settlement, 235, 237 Zamorin, 159 Zemindar's kist, 97 265

GOVERNMENT PRESS, MOUNT ROAD BRANCH, MADRAS.