M.R.O. 14—13,000—27-9-24.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 3333 Press ~~Mis.~~

133-134

Dated 11— 12 — ~~19~~ 1866

Not to be folded or roughly handled

No. 133.

Read the following :—

Report on the number, distribution, and condition of Chinchona Plants on the Neilgherries on the 31st October 1866.

Species.	Botanical names.	Commercial names.	No. of plants.	Value per lb. of dry bark in the London Market.	Remarks.
				s. d. *s. d.*	
1	C. Succirubra ...	Red Bark	7,39,545	2 6 to 8 9	The planting season having passed, the total number of plants permanently planted out in the plantations is the same as in last month, viz., 4,01,211.
2	C. Calisaya ,, Frutex ,, Vera	Yellow Bark	40,421	2 10 to 7 0	
3	C. Officinalis				
	,, ,, A Uritusinga	Select Crown Bark.	87,509	2 10 to 7 0	
	,, ,, B Condamenia	Original Loxa Bark.	7,87,903	2 10 to 7 0	
	,, ,, S Crispa ...	Fine Crown Bark...	4,380	2 10 to 6 0	
4	C. Lancifolia	Pitayo Bark	304	1 8 to 2 10	
5	C. Nitida	Genuine Grey Bark.	2,786	1 8 to 2 9	
6	C. Species without name.	Fine Grey Bark ...	8,500	1 8 to 2 10	
7	C. Micrantha	Grey Bark	15,141	1 8 to 2 9	
8	C. Peruviana	Finest Grey Bark...	3,389	1 8 to 2 10	
9	C. Pahudiana... ...	Unknown	425	Unknown.	
	Total number of Plants...		16,90,303		

TABLE II.—Memorandum of the growth of eleven plants of C. Succirubra, planted on the 2nd Denison Plantation at Neddivuttum on the 30th August 1862.

No. of Plants.	Height in inches when planted on the 30th August 1862.	Height in inches on the 30th Sept. 1866.	Height in inches on the 31st Oct. 1866.	Growth in inches during October 1866.	By whom planted.
1	23	143	144½	1½	Sir W. Denison.
2	16½	127	128	1	
3	19	133	134	1	
4	15	120	121½	1½	
5	27	147	148	1	
6	20	108	111	3	
7	20	128½	128½	...	J. W. Breeks, Esq.
8	18	133	134½	1½	Dr. Sanderson.
9	20	138	138½	½	J. D. Sim, Esq.
10	20	142	144	2	Lieutenant McLeod.
11	18	125	126	1	P. Grant, Esq.
12	...	88	89½	1½	Plant cut down for bark.

The increase by propagation is 80,000, being 14,300 plants under the average of the last six months, making the total number 16,90,303.

Table II. exhibits the growth of eleven plants of C. Succirubra, planted out by Sir W. Denison and other gentlemen at Neddivuttum on the 30th August 1862. The average growth of these plants during the month is $1\frac{3}{11}$ inches or $\frac{3}{11}$ths of an inch above the growth of last month.

One of the two plants cut down on the 20th of March

TABLE III.—Shewing the height of twelve plants of C. Officinalis, planted on the Dodabetta Plantation at Ootacamund on the 30th September 1863.

No. of plants.	Height in inches when planted on the 30th Sept. 1863.	Height in inches on the 30th Sept. 1866.	Height in inches on the 31st Oct. 1866.	Growth in inches during October 1866.
1	19	121	122	1
2	14½	107	109	2
3	28	123¼	124½	1¼
4	22	119	120	1
5	21½	128¼	130	1¾
6	28	132¼	133½	1¼
7	22½	118½	120	1½
8	21½	119¾	120¾	1
9	21½	127	128½	1½
10	19½	122¾	124	1¼
11	24	124¼	126¼	2
12	24	127¼	129	1¾

1863, for the bark submitted to Mr. Howard for analysis, has made strong shoots of 89½ inches in height, giving the growth of 1½ inches during the month.

The twelve plants of C. Officinalis (a shrubby species) on the Dodabetta Plantation, gives an average growth of $1\frac{5}{12}$ inches or ¾ths of an inch above the growth of last month.

Several plants of C. Succirubra, Calisaya, and Condamenia, have furnished a good supply of fine seeds, which are now germinating freely.

The number of plants issued to the public during the month is 68, making the total distributed 1,25,747.

TABLE IV.—Register of Chinchona plants distributed.

Names.	Stations.	No. of plants.
Mr. F. N. Maltby	Trevandrum	16
Dr. Junghun	Java	56
Mr. A. R. Lascelles	Ootacamund	12
Mr. M. Anderson	Jamaica	2
Dr. Wiche	Bombay	10
Dr. T. Anderson	Calcutta	554
Dr. Jamieson	Saharanpore	107
Professor Lees	Calcutta	547
Rajah of Travancore	Travancore	521
Major Morgan	Ootacamund	1,534
Mr. E. T. Fitzgerald	Calcutta	558
Mr. J. W. B. Money	Do.	1,369
Mr. W. Bourne	Do.	532
Captain Cox	Wynaad	6
Mr. Hollock	Do.	2
Mr. T. Sheffield	Ootacamund	12
Dr. F. Day	Cochin	100
Mr. Brown	Tellicherry	12
Mr. J. Hall	Ootacamund	156
Mr. T. Knop	Do.	18
Captain Lees	Bengal	386
Mr. W. H. Rayne	Manantoddy	424
Reverend Sayers	Ootacamund	1,018
Mr. A. Frend	Do.	512
Mr. Hollock	Do.	1
Mr. J. Pierie	Seegoor	12
Colonel Scott	Ootacamund	1,236
Mr. Berend	Cachar	275
Reverend J. Hunter	Coonoor	12
Mr. T. Mullaly	Do.	212
Mr. W. H. Stanes	Do.	1,262
Colonel R. Cooper	Kotagherry	12
Mr. F. Cockburn	Do.	12
Colonel Woodfall	Coonoor	12
Mr. C. Anderson	Do.	24
Colonel Angelo	Ootacamund	12
Reverend E. Laseron	Do.	12
Captain R. N. Taylor	Coorg	96
Major W. Agnew	Assam	139
Mr. V. H. Levinge	Madura	12
Chief Commissioner of	Nagpore	28

Proceedings of the Madras Government, Revenue Department,
11th December 1866.

TABLE IV.—Register of Chinchona plants distributed.—(Continued.)

Names.	Stations.	No. of plants.
Mr. Fletcher	Ootacamund	524
Gool Mahomed	Do.	20
General McCleverty	New Zealand	23
Mr. W. Robinson	Kotagherry	330
Mr. Clarke	Wynaad	12
Mr. H. R. Dawson	Seegoor	12
Captain Mann	Coorg	48
Mr. E. Roberts	Do.	530
Mr. H. Russell	Wynaad	52
Reverend Wait	Coonoor	2
Collector of Belgaum	Belgaum	28
Collector of Honore	Honore	28
Dr. Ross	Do.	15
His Excellency the Governor ...	Bombay	158
Mr. H. Hinde	Wynaad	12
Mr. E. B. Thomas	Coonoor	874
Rajah of Poonganoor	Poonganoor	12
Major Grant	Wellington	226
Messrs. Thomson, Shaw & Co. ...	Poonganoor	28
Mr. J. H. Trinson	Do.	31
Dr. Muller	Melbourne	28
Mr. Tyrrell	Mysore	12
Dr. Sayers	Vellore	12
Major C. P. Taylor	Ootacamund	5,250
Doctor Wilson	Do.	6
Mr. Schnarrie	Do.	15,000
Captain Fuller	Coonoor	417
Dr. Drummond	Ootacamund	224
Captain Jennings	Do.	1,756
Lieut. H. B. Montmorency ...	Bangalore	6
Mr. McHutchin	Ootacamund	3
Colonel Molesworth	Do.	6
Mr. C. Gray	Coonoor	12
Mr. H. B. Liddell	Ootacamund	12
Mr. Minchin	Wynaad	1,600
His Excellency the Governor ...	Vizagapatam	35
Mr. R. F. Phillips	Kotagherry	1,117
Colonel Cooke	Do.	24
Mr. G. F. Glasson	Wynaad	1,000
Dr. Macpherson	Mercara	400
Mr. W. H. Kerr	Coorg	3,100
Mr. James	Ootacamund	1,000
Colonel Whish	Bengal	82
Mr. K. Mair	Calcutta	1,180
Mr. W. Shakespear	Do.	61
Mr. E. E. Meakin	Do.	168
Mr. C. Ackland	Do.	150
Mr. K. McIver	Do.	124
Mr. Havelock	Ootacamund	12
Mr. H. deFacien	Kartairy	6,821
Major Sweet	Do.	910
Captain Campbell	Bangalore	6
Royal Gardens	Mauritius	36
Honorable W. R. Arbuthnot ...	Wynaad	93
Mr. H. Maxwell	Bombay	50
Mrs. C. Smith	Wynaad	316
Captain Meekly	Wellington	200
Mr. Walsh	Salem	150
His Excellency the Governor General.	Java	175
Captain Richardson	Kulhuty	509
Rajah of Poonganoor	Poonganoor	24

TABLE IV.—Register of Chinchona plants distributed.—(Concluded.)

Names.	Stations.	No. of plants.
His Excellency the Governor	Madras	24
Mr. J. W. B. Money	Ootacamund	25,018
Captain Mitcheson	Do.	50
Mr. R. H. Elliot	Munjerabad	276
His Excellency the Governor General.	Goa	
Colonel Phayre	Rangoon	252
Mr. Ryal	Kotagherry	152
Mr. J. Gordon	Coonoor	24
Mr. J. Rohde	Neddivuttum	6,325
Mr. J. Higginbotham	Goodaloor	11,689
Mr. S. Pital	Mauritius	28
Mr. J. Horne	Do.	36
Mr. Edward Cremary	Reunion	36
For the French Government	Algiers	51
Mr. J. B. Norton	Shevaroys	45
Mr. Mackay	Punjaub	50
Mr. W. Forsyth	Central Provinces	50
Colonel Cadell	Coorg	169
Mr. J. L. Browning	Wynaad	62
Mr. H. Leeds	Burmah	4
Maloo Sait	Do.	112
Mr. A. D. Brown	Dimhutty	6
Mr. J. C. Misquith	Ootacamund	53
Mr. J. L. Transen	Coonoor	300
Captain Fitzgerald	Calcutta	8
Mr. Macpherson	Ootacamund	150
Major Travers	Do.	12
Mr. S. Prager	Vithry, Wynaad	5,000
Reverend Wenger	Kaity, Ootacamund	69
Mr. G. W. Forbes	Dhurmsala	2
Major C. Elliot	Mysore	55
Collector of Salem	Salem	5,044
Collector of Tinnevelly	Tinnevelly	100
Colonel Denison	Ootacamund	500
Conservator of Forests	Do.	550
Mr J. Ouchterlony	Do.	50
Mr. R. C. Elwin	Neddivuttum	300
		12,510
	Total number of Plants...	1,25,747

OOTACAMUND,
27th November 1866.

(Signed) W. G. McIVOR,
Supt. Govt. Chinchona Plantations.

No. 134. ORDER THEREON, 11th December 1866, No. 3,333.

Miscellaneous.

1. Ordered to be forwarded to the Secretary of State, to the Supreme Government, and to the other Governments in India; also to the Superintendent Chinchona Plantations in Java.

2. Ordered also to be laid on the Editor's Table.

(True Extract.)

(Signed) J. D. SIM,
Secretary to Government.

To the Superintendent Government Chinchona Plantations.
,, the do. do. Central Museum.
,, the do. Chinchona Plantations in Java.
,, the Madras Horticultural Society.

Ext. S. T. Augustin.

~~No. 3333.~~

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11th Decemr 66.

7 To The Supt Govt Chinchona Plantations Ootacamund
2 " " " Central Museum
1 " " " Chinchona Plantations in Java
1 " " Madras Hort. Society

100
6

Pro- 8 November 1866 A 195- 6

Reported to England
D/23 Dec N 1261 of 1866 Mis

Revenue 1866 Dec 31
Pro of Govt Dec
£ 4300.

From
The Lieut Govt
Chinchona Plantations

Noted 27 Dec 2 hours
Recvd 30 Dec 1866

Submitting his
report for October 1866

No 3333-11 Decr

With order

A 1337/134