M.R.O. 14—18,000—27-9-24

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 2415 Press ~~Mis.~~

214-215

Dated 8—9—1866.

Not to be folded or roughly handled

No. 214. Read the following :—

Report on the Number, Distribution, and Condition of Chinchona plants on the Neilgherries on the 31st July 1866.

Species.	Botanical names.	Commercial names.	No. of plants.	Value per lb. of Dry Bark in the London Market.	Remarks.
				s. d. *s. d.*	The number of plants planted out during the month is 69,516, making the total permanently planted out in the plantations 4,01,211. The increase by propagation is 1,28,600, being 76,918 plants above the average of the last six months, making the total number 13,17,090.
1	C. Succirubra ...	Red Bark	4,00,519	2 6 to 8 9	
2	C. Calisaya C. Frutex C. Vera	Yellow Bark	40,427	2 10 to 7 0	
	C. Officinalis ...				
3	C. Condamenia ...	Original.	50,215	2 10 to 7 0	
4	Ponplandiana ...	Loxa Bark.	7,91,047	2 10 to 7 0	
5	C. Crespa ...	Fine Crown Bark...	4,380	2 10 to 6 0	
6	C. Lancifolia	Pitayo Bark	261	1 8 to 2 10	
7	C. Nitida	Genuine Grey Bark.	2,786	1 8 to 2 9	
8	C. Species without name.	Fine Grey Bark ...	8,500	1 8 to 2 10	
9	C. Micrantha	Grey Bark	15,141	1 8 to 2 9	
10	C. Peruviana	Finest Grey Bark...	3,389	1 9 to 2 10	
11	C. Pahudiana	Unknown	425	Unknown.	
		Total number of plants...	13,17,090		

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 June 1866.	Height in inches on the 31st July 1866.	Growth in inches during July 1866.	By whom planted.
1	23	139½	141	1½	Sir W. Denison.
2	16½	122¼	123¾	1	
3	19	126	128¾	2¾	
4	15	114	116½	2½	
5	27	143	144½	1½	
6	20	100	102½	2½	
7	20	126	128½	2½	J. W. Breeks, Esq.
8	18	129½	131¼	1¾	Dr. Sanderson.
9	20	135½	138	2½	J. D. Sim, Esq.
10	20	138½	140½	1¾	Lieutenant McLeod.
11	18	119	120½	1½	P. Grant, Esq.
12	...	83	85½	2½	Plant cut down for bark.

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 about 2 inches or 1¾ inch above the growth of last month.

One of the two plants cut down on the 20th March 1863 for the bark submitted to Mr. Howard

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 June 1866.	Height in inches on the 31st July 1866.	Growth in inches during July 1866.
1	19	119½	120	½
2	14½	105	106	1
3	28	121½	122	½
4	22	117½	118	½
5	21½	126	126¼	¼
6	28	130	131	1
7	22½	117½	118	½
8	21½	117½	118½	1
9	21½	125	125¾	¾
10	19½	120	121½	1½
11	24	122½	123	½
12	24	125½	126	½

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 Sawyers	Ootacamund	1,018
Mr. 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.	160
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

for analysis, has made strong shoots of 85½ inches in height, giving the growth of 2½ inches during the month.

The twelve plants of C. Officinalis (a shrubby species) on the Dodabetta Plantation, gives an average growth of $\frac{1}{12}$'s of an inch, or 1$\frac{1}{12}$ inch under 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 8,004, making the total distributed 1,10,713.

Proceedings of the Madras Government, Revenue Department, 8th September 1866.

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

Names.	Stations.	No. of plants.
Mr. Fletcher	Ootacamund	24
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	274
Rajah of Poonganoor	Poonganoor	12
Major Grant	Wellington	226
Messrs. Thomas, 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. Schanarrie	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. T. 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. de Facien	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 Meekley	Wellington	200
Mr. Walsh	Salem	150
His Excellency the Governor General.	Java	175
Captain Richardson	Kulhutty	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	25,000
Captain Mitcheson	Do.	50
Mr. R. H. Elliot	Munjerabad	276
His Excellency the Governor General.	Goa	252
Colonel Phayre	Rangoon	152
Mr. Ryall	Kotagherry	24
Mr. J. Gordon	Coonoor	6,087
Mr. J. Rohde	Neddivuttum	11,689
Mr. J. Higginbotham	Goodaloor	12
Mr. S. Pital	Mauritius	36
Mr. J. Horne	Do	36
Mr. Edouard Cremary	Reunion	51
For the French Government	Algiers	45
Mr. J. B. Norton	Shevaroys	50
Mr. Mackay	Punjab	50
Mr. W. Forsyth	Central Provinces	169
Colonel Cadell	Coorg	62
Mr. J. L. Browning	Wynad	4
Mr. H. Leeds	Burmah	112
Maloo Sait	Do.	6
Mr. A. D. Brown	Dimhutty	53
Mr. J. C. Misquith	Ootacamund	360
Mr. J. L. Pransen	Coonoor	8
Captain Fitzgerald	Calcutta	150
Mr. J. Macpherson	Ootacamund	12
Major Travers	Do.	5,000
Mr. S. Preger	Vithry, Wynaad	69
Reverend Wenger	Kaity	2
Mr. G. W. Forbes	Dhurmsala	55
Major C. Elliot	Mysore	5,044
Collector of Salem	Salem	100
	Total number of plants...	1,10,713

OOTACAMUND,
25*th August* 1866.

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

No. 215. ORDER THEREON, 8th September 1866, No. 2,415.

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 Plantation.
,, the Do. do. Central Museum.
,, the Do. Chinchona Plantation, Java.

Exd. S. T. August in.

3

Pr. 2415.

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

8th Septr 66

To
1 The Supdt Govt Chinchona Plantations Neddivattum
2 Supdt Govt Central Museum Sd
1 Supdt Chinchona Plantations Java

10

Pro. № 504. 505. d 26.7– 1866.
Reported to England № 38 mid 11.9.1866

,, the Do. Chinchona Plantation

Exd. S. T. August in.