M.R.O. 14—13,000—27-9-24

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 1973 — Press / ~~Mis.~~

399. 400

Dated 24-8-1865.

Not to be folded or roughly handled

No. 399. Read the following:—

Report on the Number, Distribution, and Condition of Chinchona plants on the Neilgherries on the 31st July 1865.

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	2,05,805	2 6 to 8 9	The number of plants planted out during the month is 11,434, making the total permanently planted out in the plantations 2,05,678.
2	C. Calisaya Var Frutex Vera	Yellow Bark	2,958	2 10 to 7 0	
3	C. Officinalis Var Condamenia (C. Uritusinga)	Original Loxa Bark.	7,974	2 10 to 7 0	
4	Do. Var Bonplandiana (C. Chahuarguera)	Select Crown Bark...	4,21,640	2 10 to 7 0	
5	C. Crespilla	Fine Crown Bark ...	3,139	2 10 to 6 0	
6	C. Lancifolia	Pitayo Bark	64	1 8 to 2 10	
7	C. Nitida	Genuine Grey Bark.	2,786	1 8 to 2 9	The month has been very stormy from the 4th to the 13th, and the plants on the 2nd Denison plantation have suffered considerably from the winds, especially the eleven plants planted out by His Excellency the Governor on the 30th August 1862.
8	C. Species without name.	Fine Grey Bark ...	8,500	1 8 to 2 10	
		Grey Bark	14,917	1 8 to 2 9	
9	C. Micrantha	Finest Grey Bark ...	3,389	1 8 to 2 10	
10	C. Peruviana	Unknown	425	Unknown	
11	C. Pahudiana				
		Total number of plants...	6,71,597		

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 1865.	Height in inches on the 31st July 1865.	Growth in inches during July 1865.	By whom planted.
1	23	121	122¼	1¼	His Excellency Sir W. Denison.
2	16½	109	109¾	¾	
3	19	111	112	1	
4	15	103½	104¼	¾	
5	27	123	124¼	1¼	
6	20	98	99	1	
7	20	112½	113	½	J. W. Breeks, Esq.
8	18	117	119	2	Dr. Sanderson.
9	20	117	119½	2½	J. D. Sim, Esq.
10	20	123	123¾	¾	Lieutenant McLeod.
11	18	106½	108	1½	P. Grant, Esq.
12	...	64½	68¼	3¾	Plant cut down for bark.

The Assistant Superintendent in his anxiety to protect these plants from the storm placed mats around them, which escaping from their ties and flapping against the plants, cut and barked the

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 1865.	Height in inches on the 31st July 1865.	Growth in inches during July 1865.
1	19	84	88	4
2	14½	79	83½	4½
3	28	86	89	3
4	22	87	88½	1½
5	21½	85½	89	3¼
6	28	97½	102	4½
7	22½	84	87	3
8	21½	81	84½	3½
9	21½	90½	94	3½
10	19½	84½	87	2½
11	24	89	93	4
12	24	87½	91	3½

TABLE IV.—Register of Chinchona plants distributed.

Names.	Station.	No. of plants.
Mr. F. N. Maltby	Travancore	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
Dr. W. Bourne	Do.	532
Captain Cox	Wynad.	6
Mr. Hollock	Do.	2
Mr. T. Sheffield	Ootacamund	12
Dr. F. Day	Cochin	100
Mr. Brown	Tellicherry	12
Mr. J. Hall	Ootacamund	144
Mr. J. Knop	Do.	18
Captain Lees	Bengal	281
Mr. W. H. Rayne	Manantoddy	424
Reverend Sawyer	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. J. Mullaly	Do.	24
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

branches, producing far greater injury than if the plants had been unprotected; they have, nevertheless, made an average growth of $1\frac{3}{17}$ inches during the month, and they are now beginning to recover from the effects of the storm.

None of the plants on the 1st Denison or Markham plantations suffered materially from the effects of this storm, thus establishing a great importance of aspect for Chinchona cultivation. Some thousands of plants of the C. Succirubra are now in full bloom, and present a very attractive appearance, also several plants of the C. Calisaya, C. Micrantha, C. Peruviana, C. Nitida, C. Officinalis and its varieties, we may therefore shortly expect an abundant supply of seeds of all the most valuable species.

The increase by propagation is 51,422, being 26,545 plants above the average of the last six months, making the total at the end of the month 6,71,597.

Table II. exhibits the growth of eleven plants of C. Succirubra planted out by His Excellency the Governor and other gentlemen at Neddivuttum on the 30th August 1862. The average growth of these plants during the month is $1\frac{3}{17}$ inches being $2\frac{4}{17}$ inches under the growth of last month.

One of the two plants cut down on the 20th of March 1863 for the bark submitted to Mr. Howard for analysis has made strong shoots of $68\frac{1}{4}$ inches in height, giving the growth of $3\frac{1}{4}$ inches during the month.

The twelve plants of C. Officinalis (a shrubby species) on the Dodabetta plantation, gives an average growth of $3\frac{5}{17}$ inches or $\frac{1}{4}$ of an inch above the growth of last month.

The number of plants issued to the public during the month is 1,665 making the total number of plants distributed 80,898.

It is worthy of remark, that during the heaviest storms none of the older plants have been blown down, as they obtain

Proceedings of the Madras Government, Revenue Department, 24th August 1865.

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

Names.	Station.	No. of plants.
Mr. Fletcher	Ootacamund	24
Gool Mahomed	Do.	20
General McCleverty	New Zealand	23
Mr. W. Robinson	Kotagherry	30
Mr. Crake	Wynad	12
Mr. H. R. Dawson	Seegoor	12
Captain Mann	Coorg	48
Mr. E. Roberts	Do.	530
Mr. H. Russell	Wynad	12
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	Wynad	12
Mr. E. B. Thomas	Coonoor	12
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. Leddell	Ootacamund	12
Mr. Minchin	Wynad	1,600
His Excellency the Governor ...	Vizagapatam	35
Mr. R. F. Phillips	Kotagherry	1,117
Colonel Cooke	Do.	24
Mr. G. J. Glasson	Wynad	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	Do.	12
Mr. H. deFacien	Ootacamund	6,821
Major Sweet	Kartairy	102
Captain Campbell	Do.	6
Royal Gardens	Bangalore	36
Honorable W. R. Arbuthnot ...	Mauritius	93
Mr. H. Maxwell	Wynad	50
Mrs. C. Smith	Bombay	22
Captain Beckley	Wynad	200
Mr. Walsh	Wellington	100
His Excellency the Governor General.	Salem...	175
Captain Richardson	Java	
	Kulhutty	381

Proceedings of the Madras Government, Revenue Department, 24th August 1865.

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

Names.	Station.	No. of plants.	
Rajah of Poonganoor	Poonganoor	24	great support from the dense mass of fibrous roots they produce.
His Excellency the Governor ...	Madras	24	
Mr. J. W. B. Money	Ootacamund	25,000	
Captain Mitcheson	Do.	50	
Mr. R. H. Elliot	Nunjerabad	157	
His Excellency the Governor General	Goa	252	
Colonel Phayre	Rangoon	152	
Mr. Ryall	Kotagherry	24	
Mr. J. Gordon	Coonoor	1,529	
Mr. J. Rohde	Neddivuttum	100	
Mr. J. Higginbotham	Goodaloor	12	
	Total number of plants.	80,898	

OOTACAMUND,
12th August 1865.

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

No. 400.

Miscellaneous.

ORDER THEREON, 24th August 1865, No. 1,973.

1. Ordered to be forwarded to the Secretary of State, to the Government of India, with reference to their letter, 9th January 1863, No. 254, and to the other Governments in India.

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

(True Extract.)

(Signed) W. HUDLESTON,
Acting Secretary to Government.

To the Superintedent Government Chinchona Plantations.

Exd. S. T. Augustin.

Rec'd Aug. 1865 No. 1363-4

Rec'd 31 1865. Answd Augt
Rec'd Aug. 22 1865

From the Supt. Govt.
Chinchona Plantations

Dated 12th August 1865
Received 16th do

Sir,

I am directed by the Chinchona Committee to transmit herewith a Report on the Chinchona Plantations and Manufactories for July 1865.

I have the honor to be
Sir
Your most obedient Servant
[illegible]

Superintendent
Government Chinchona Plantations

Ootacamund
12th August 1865

No. 1973.

Ordered to be forwarded to the Secretary of State, to the Govt of India, with reference to their letter of January 1863, No 254 and to the other Governments in India.

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

24th Aug

To The Sup: Govt Chinchona Plantations
Des 25 August

100
15

24th August 1865