

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2084

Press
~~Mis~~

247.248

Dated

19-11-1863

Not to be folded or roughly handled

No. 247. Read the following :—
Report on the Number, Distribution and Condition of Chinchona plants on the Neilgherries,
on the 31st October 1863.

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 ...	80,550	2 6	to 8 9	The planting season having passed the number of plants permanently planted out on the plantations remain the same as at the end of last month, viz., 66,622.
2	C. Calisaya ...	Yellow Bark ...	1,735	2 10	to 7 0	
3	C. Officinalis Var Condaminea (C. Uritusinga)	Original Loxa Bark.	4,733	2 10	to 7 0	
4	Do. Var Bonplandiana (C. Chahuarguera)	Select Crown Bark...	135,358	2 10	to 7 0	
5	C. Crespilla ...	Fine Crown Bark ...	1,373	2 10	to 6 0	
6	C. Lancifolia ...	Pitayo Bark ...	8,399	6 1	8 to 2 10	
7	C. Nitida ...	Genuine Grey Bark.	2,736	1 8	to 2 10	
8	C. Species without name ...	Fine Grey Bark ...	9,719	1 8	to 2 9	
9	C. Micrantha ...	Grey Bark ...	3,132	1 8	to 2 10	
10	C. Peruviana ...	Finest Grey Bark ...	425	Worthless.		
11	C. Pahudiana ...	Unknown ...				
Total number of plants...			248,166			The increase by propagation during the month is 14,897 or 155 plants under the average of the last six months, making the total number of plants 2,48,166.

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 September 1863.	Height in inches on the 31st Oct. 1863.	Growth in inches during October 1863.	By whom planted.
No. 1	23	82½	87	4½	His Excellency Sir W. Denison.
" 2	16½	76	80	4	
" 3	19	73	76	3	
" 4	15	77	81½	4½	
" 5	27	92	96	4	
" 6	20	66½	69½	3	
No. 7	20	77	82	5	J. W. Brecks, Esq. Dr. Sanderson. J. D. Sim, Esq. Lieutenant McLeod. P. Grant, Esq.
" 8	18	78	83	5	
" 9	20	78	82½	4½	
" 10	20	88	90½	2½	
" 11	18	81	83	2	
No. 12	0	12	16	4	Growth of the plants cut down for the bark sent to England.
" 13	0	13	16	3	

Table II exhibits the growth of eleven plants 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 being 3½ inches or 2 inches above the average growth of last month. The cir-

Proceedings of the Madras Government, Revenue Department,
19th November 1863.

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TABLE III.—Showing the height of twelve plants of *C. Officinalis* planted on the Dodabatta Plantations, at Ootacamund on the 20th September 1863.

No. of plants.	Height in inches when planted on the 20th September 1863.	Height in inches on the 31st October 1863.	Growth in inches during October 1863.
No. 1	19	22	3
" 2	14	16	2
" 3	28	31	3
" 4	21	25	3
" 5	21	24	3
" 6	28	31	3
" 7	21	25	4
" 8	21	27	6
" 9	21	26	5
" 10	19	23	4
" 11	24	26	2
" 12	21	25	4

conference of the stems on the 30th ultimo, averaging 5 1/4 inches.

The two plants cut down on the 20th of March last, for the back submitted to Mr. Howard for analysis, have made strong shoots of 16 inches in height. The average

growth of these during the month is 3 1/2 inches or 1/4 an inch above the growth of last month.

The twelve plants of *Chinchona Officinalis* (a shrubby species) on the Dodabatta plantation gives an average growth of 3 1/2 inches during the month, or 1/4 of an inch above the growth of the *Neelivattum* plants.

A heavy storm on the 14th, 15th and 16th of last month, did considerable damage, breaking 35 of our largest plants, and causing the entire loss of 253 smaller plants which were either burned under land slips, or washed away by the flood.

TABLE IV.—Memorandum of *Chinchona* plants distributed.

Names.	Stations.	No. of plants.
Mr. F. N. Maltby	Travancore	16
Dr. Junghun	Java	36
Mr. A. R. Lascelles	Ootacamund	12
Mr. M. Anderson	Jamaica	2
Dr. Wiehe	Bombay	10
Dr. F. Anderson	Calcutta	354
Dr. Jamieson	Saharanpore	167
Professor Lees	Calcutta	61
Rajah of	Travancore	521
Major Morgan	Ootacamund	216
Mr. E. F. Fitzgerald	Calcutta	261
Mr. J. W. Money	Do.	251
Dr. W. Bourne	Do.	420
Captain Cox	Wainad	6
Mr. Hallock	Do.	2
Mr. T. Sheffield	Ootacamund	12
Mr. F. Day	Cochin	100
Mr. Brown	Tellicherry	12
Mr. J. Hall	Ootacamund	144
Mr. J. Knop	Do.	15
Captain Lees	Bengal	241
Mr. W. H. Rayne	Manantally	24
Reverend Sawyer...	Ootacamund	12
Mr. Friend	Do.	12
Mr. Hallock	Do.	1
Mr. J. Perie	Calicut	12
Colonel Scott	Ootacamund	212
Mr. F. Berend	Do.	275
Reverend J. Hunter	Coonoor	12
Mr. J. Mullaly	Do.	24
Mr. W. H. Stanes	Do.	12
Col. R. Cooper...	Kotagerry	12
Mr. F. Cockburn	Do.	12
Colonel Woodfall	Coonoor	12
Mr. C. Anderson	Do.	24
Colonel Angelo	Ootacamund	12
Reverend E. Laceron	Do.	12
Captain R. N. Taylor...	Coorg	12
Major W. Agnew	Assam	26
Mr. V. H. Levinge	Madura	120
Chief Commissioner	Nagpore	12
Mr. Fletcher	Ootacamund	24
Gool Mahomed	Do.	24

Names.	Stations.	No. of plants.	The number of plants issued to the public is 107, making the total number of plants distributed
General McCleverty	New Zealand	23	
Mr. W. Robinson	Kotagerry	6	
Mr. Crake	Wainad	12	
Mr. H. R. Dawson	Seegoor	12	
Captain Mann	Coorg	36	
Total number of plants.		4,480	4,480.

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

Ootacamund,
11th November 1863.

ORDER THEREON, 19th November 1863, No. 2,084.

No. 243.

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) J. D. SIM,
Secretary to Government.

To the Superintendent Government Chinchona Plantations.

Exd. S. T. Augustin.

W. 2084.

Ordered the forwarded
to the Secretary of State, the Govern-
ment of India, with reference to their
letter, 9 January 1863 & 25th, and
to the other Governments in India.

Ordered also the laid on
the Editor's Table.

JDS

7101 St. George
19th Nov 1863 } Government
The Superintendent } Chinchora Requisitions.
Despatch 20 Nov.

Thousand to several

3950

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Copy in a Letter to England.
20th November 1863 No 122

Revenue 1863 Department
Pr: of Govt for Govt.

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From the Sup^t Govt
Chinchona Plantations

2/11 } November 1863
Dec 13 }

From the Sup^t Govt Gardens
Balacama 2/7 Dec 1863 30/4

Report on the number
Distribution and condition
of Chinchona plants in the
Highlands of Peru
Nov 1863.

No 247 & 248

at 2000 ft
With an order