M.R.O. 14—18,000—27-9-24.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2256 Press ~~Mis.~~

183-186

Dated 4-12-~~19~~ 1861

Not to be folded or roughly handled

Md

Proceedings of the Madras Government, Revenue Department, 11th December 1863.

No. 185. Read the following letter from W. G. McIVOR, Esq., Superintendent Government Chinchona Plantations, to J. D. SIM, Esq., Secretary to Government, Revenue Department, Fort Saint George, dated Ootacamund, 7th December 1863, No. 107:—

SIR,

As the progress of Chinchona cultivation in India is attracting the attention of many scientific gentlemen in Europe, I am frequently asked for information on the subject; and therefore respectfully beg to solicit the favor of being regularly furnished with six copies of my monthly reports for distribution.

Report on the Number, Distribution and Condition of Chinchona plants on the Neilgherries, on the 30th November 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	82,558	2 6 to 8 9	The planting season having passed the number of plants permanently planted out in the plantations remain the same as at the end of last month, viz., 66,622.
2	C. Calisaya	Yellow Bark	1,750	2 10 to 7 0	
3	C. Officinalis Var Condaminea (C. Urituginga)	Original Loxa Bark.	6,219	2 10 to 7 0	
4	Do. Var Bonplandiana (C. Chahuarguera)	Select Crown Bark...	142,717	2 10 to 7 0	
5	C. Crespilla	Fine Crown Bark ...	1,449	2 10 to 6 0	
6	C. Lancifolia	Pitayo Bark	6	1 8 to 2 10	
7	C. Nitida	Genuine Grey Bark.	8,402	1 8 to 2 9	
8	C. Species without name	Fine Grey Bark ...	2,741	1 8 to 2 10	
9	C. Micrantha	Grey Bark	9,986	1 8 to 2 9	
10	C. Peruviana	Finest Grey Bark ...	3,143	1 8 to 2 10	
11	C. Pahudiana	Unknown	425	Unknown.	
		Total number of plants...	259,396		

The increase by propagation during the month is 13,312 or 2,129 plants under the average of the last six months, making the total number of plants 259,396.

TABLE II.—Memorandum of the growth of eleven plants of C. Succirubra, planted on the 2nd Denison Plantations, 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 31st October 1863.	Height in inches on the 30th Nov. 1863.	Height in inches during Nov. 1863.	By whom planted.
No. 1	23	87	92	5	His Excellency Sir William Denison.
,, 2	16½	80	84	4	
,, 3	19	76	79½	3½	
,, 4	15	81½	84	2½	
,, 5	27	96	98	2	
,, 6	20	69½	73	3½	
No. 7	20	82	89	7	J. W. Breeks, Esq.
,, 8	18	83	87	4	Dr. Sanderson.
,, 9	20	82½	88	5½	J. D. Sim, Esq.
,, 10	20	90½	94	3½	Lieutenant McLeod.
,, 11	18	83	85½	2½	P. Grant, Esq.

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 is $3\frac{10}{11}$ inches or $\frac{1}{11}$ inch above the

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

No. of plants.	Height in inches when planted on the 30th September 1863.	Height in inches on the 31st October 1863.	Height in inches on the 30th November 1863.	Growth in inches during November 1863.
No. 1	19	22	25	3
„ 2	14½	16½	19½	3
„ 3	28	31½	34½	3
„ 4	22	25	28	3
„ 5	21½	24½	27	2½
„ 6	28	31½	35	3½
„ 7	22½	25	28½	3½
„ 8	21½	27	30	3
„ 9	21½	26½	29	2½
„ 10	19½	23½	27	3½
„ 11	24	26½	29	2½
„ 12	24	25	28	3

TABLE IV.—Memorandum 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. Wiebe	Bombay	10
Dr. T. Anderson	Calcutta	554
Dr. Jamieson	Saharanpore	107
Professor Lees	Calcutta	61
Rajah of	Travancore	521
Major Morgan	Ootacamund	216
Mr. E. T. Fitzgerald	Darjeling	261
Mr. J. W. Money	Do.	581
Dr. W. Bowme	Do.	420
Captain Cox	Wainad.	6
Mr. Hallock	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	24
Reverend Sayer...	Ootacamund	18
Mr. Friend	Do.	12
Mr. Hallock	Do.	1
Mr. J. Perie	Seegoor	12
Colonel Scott	Ootacamund	212
Mr. F. Berend	Cachar	275
Reverend J. Hunter	Coonoor	12
Mr. J. Mullaly	Do.	24
Mr. W. H. Stanes	Do.	12
Col. 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	Nagpore	28
Mr. Fletcher	Ootacamund	24
Gool Mahomed	Do.	20

average growth of last month.

The two plants cut down on the 20th of March last, for the bark submitted to Mr. Howard for analysis, have made strong shoots from 19 to 19½ inches in height. The average growth of these during the month is 3¼ inches or ¼ inch under the average growth of last month.

The twelve plants of Chinchona Officinalis (a shrubby species) on the Dodabetta plantation gives an average growth of 3 inches during the mouth, or $\frac{10}{11}$ inches under the growth of the Neddivuttum plants.

The number of plants issued to the publicis 2,082, making the total number of plants distributed 6,562.

Proceedings of the Madras Government, Revenue Department,
11th December 1863.

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

Names.	Station.	No. of plants.
General McCleverty	New Zealand	23
Mr. W. Robinson	Kotagherry	6
Mr. Crake	Wainad	12
Mr. H. R. Dawson	Seegoor	12
Captain Mann	Coorg	36
Mr. E. Roberts	Ootacamund	6
Mr. H. Rossall	Wainad	12
Reverend Wait	Coonoor	2
Mr. H. deFacien	Katarry	2,056
	Total number of plants.	6,562

Ootacamund,
7th December 1863.

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

No. 186. ORDER THEREON, 11th December 1863, No. 2,256.

1. Ordered that the Statement of the number, condition, &c., of the Chinchona plants on 30th November 1863, received with this letter, 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.

3. Mr. McIvor's request in the foregoing letter will be attended to.

(True Extract.)

Secretary to Government.

To the Superintendent of Government Chinchona Plantations.

Exd. S. T. Augustin.

No 107

Government Garden
Ootacamund 7th Dec. 1868

From

W. G. Mc Ivor Esq.ᵉ
Superintendent Government
Chinchona Plantations

To

C. J. Lee Esq.ᵉ
Secretary to Government Rev. Dept
Fort St. George. Madras

Sir,

In the progress of Chinchona cultivation in India it is attracting the attention of many Scientific Gentlemen in Europe, I am frequently asked for information on the subject; and therefore respectfully beg to solicit the favor of being regularly furnished with six copies of any monthly reports for distribution.

I have the honor to be

Your most Obed.ᵗ Servant

D. McIvor

Supt. Govᵗ Chinchona Plantations

Rec. 19th November 63 No. 247-248.

Copy in a Letter to England
2/11th Dec. 1863 No. 125

No. 185 & 186.

Rev. Cab.
Pro: of Govt. 5th December
No. 3014.
The Supt. Nort. Gardens
Calcutta

Co.
2 The Secretary to Govt.
Fort St. George
Madras

No. 107
Dated 7th December 1863
Rec'd. 9th

1 Enc:

Solicits the favor of being regularly supplied with five copies of the monthly Chinchona reports for circulation —

Rec'd 11th Dec. 63

With an order

No. 2256.

Ordered that the Statement of the number condition &c. of the Chinchona Plants on 30th November 1863 received with this Letter, be forwarded to the Secretary of State, to the Govt. of India, with reference to their Letter, 9th January 1863 No. 254, and to the Govern. ments in India.

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Fort St. George
11th December 1863

To the Supt: Govt. Chinchona Plantations

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