M.R.O. 14—13,000—27-9-24.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1282-1283 Press ~~Mis.~~

266. 266

Dated 13 - 7 - ~~19~~ 1863

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, 13th July 1863.

No. 264. 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, 10th July 1863, No. 42:—

SIR,

1. With reference to the Order of Government of the 22nd October 1862, No. 2,263, I have the honor to enclose the Report for last month of our progress in the Chinchona operations, to which is appended further information with reference to the analysis of bark forwarded to the Secretary of State in April last.

2. I would respectfully solicit the favor of being furnished with copies of the monthly reports on the progress of Chinchona cultivation at Darjeeling, as also in the North-West Provinces, if such are furnished to Government.

Report on the Number, Distribution and Condition of Chinchona plants, on the Neilgherries, on the 30th June 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	60,365	2 6 to 8 9	The panicles of the Chinchona Succirubra which has produced flowering branches make satisfactory progress.
2	C. Calisaya	Yellow Bark	1,571	2 10 to 7 0	
3	C. Officinalis Var Condaminea (C. Uritusinga Howard).	Original Loxa Bark.	1,197	2 10 to 7 0	
4	Do. Var Bonplandiana (C. Chahuarguera)	Select Crown Bark...	94,050	2 10 to 7 0	
5	C. Crespilla	Fine Crown Bark ...	1,085	2 10 to 6 0	
6	C. Lancifolia	Pitayo Bark	4	1 8 to 2 10	
7	C. Nitida	Genuine Grey Bark.	8,380	1 8 to 2 9	The number of plants planted out during the month is 15,413, making a total of 58,441 permanently planted out in the plantations, all of which are in a very thriving condition.
8	C. Species without name	Fine Grey Bark ...	2,681	1 8 to 2 10	
9	C. Micrantha	Grey Bark	8,738	1 8 to 2 9	
10	C. Peruviana	Finest Grey Bark ...	3,038	1 8 to 2 10	
11	C. Pahudiana	Unknown	425	Worthless.	
		Total number of plants...	181,534		

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 30th August 1862.	Height in inches on the 31st May 1863.	Height in inches on the 30th June 1863.	Growth in inches during 1863.	By whom planted.
No. 1	23	65	70	5	His Excellency Sir W. Denison.
,, 2	16½	60	67	7	
,, 3	19	58	64	6	
,, 4	15	58	66	8	
,, 5	27	71	78	7	
,, 6	20	55	58	3	
No. 7	20	60	66	6	J. W. Breeks, Esq.
,, 8	18	61	68	7	Dr. Sanderson.
,, 9	20	58	66	8	J. D. Sim, Esq.
,, 10	20	70	78	8	Lieutenant McLeod.
,, 11	18	65	68	3	P. Grant, Esq.

Table II exhibits the growth of eleven plants planted by His Excellency the

Superintendent Govt Plantations

TABLE III.—Memorandum of Chinchona plants distributed.

Names.	Stations.	No. of plants.
Mr. F. N. Maltby	Travancore	16
Dr. Junghuhn	Java	56
Mr. A. R. Lascelles	Ootacamund	12
Mr. M. Anderson	Jamaica	2
Dr. Wiehe	Bombay	10
Dr. T. Anderson	Calcutta	554
Dr. Jamieson	Saharanpore	107
Professor Lees	Calcutta	61
Rajah of	Travancore	521
Major Morgan	Ootacamund	39
Mr. E. T. Fitzgerald	Calcutta	261
Mr. J. W. Money	Do.	581
Dr. W. Bourne	Do.	420
Captain Cox	Wainad.	6
Mrs. Hollock	Do.	2
Mr. T. Sheffield	Ootacamund	12
Dr. F. Day	Cochin	100
Mr. Brown	Tellicherry	12
Mr. J. Hall	Ootacamund	144
	Total.....	2,916

TABLE IV.—Register of applications for Chinchona plants in 1863-64.

Names.	Stations.	No. of plants.
Mr. G. Dawson	Ootacamund	1,000
Mr. J. Chesson	Mahableshwar ...	500
Mr. W. Chambers	Ootacamund ...	1,000
Mr. A. R. Lascelles	Do.	10,000
Mr. T. DeFacien	Kartairy	5,000
Mr. G. Vincent	Do.	5,000
Mr. J. Pierie	Calicut	2,000
Mr. E. B. Thomas	England	500
Mr. G. Stainbank	Kartairy	1,000
Mr. J. H. Schnarrie	Ootacamund	5,000
Mr. G. Southey	Walghát	1,700
Major Morgan	Ootacamund	1,000
Captain R. N. Taylor and heads of families at Coorg	Coorg	
Superintendent Astagram Divn.	Mysore	5,000
Mr. J. Knop	Ootacamund	5,000
Mr. W. T. Rayne	Manantoddy	100
Captain T. H. Godfrey... ...	Ootacamund	400
Mr. P. Grant	Coimbatore	100
Dr. A. E. Ross	Honore...	100
Major C. P. Taylor	Ootacamund	200
Colonel Faber	Do.	500
Mr. S. James	Do.	50
Major Hodgson	Do.	200
Dr. F. Day	Cochin	200
Colonel S. P. Scott	Meyloor ...	5,000
Major C. H. Fitzgerald ...	Calcutta	5,000
Lieutenant C. J. Jennings ...	Ootacamund	1,000
Captain Cox	Wainad	2,000
Dr. Macnamara	Bengal	200
Mr. G. Hurst	Darjeeling	1,000
Mr. Hall...	Mahableshwar ...	1,000
Rev. J. B. Sawyers	Vellore	500
Mr. W. Stanes	Coonoor	1,000
Mr. D. Boncot	Cachar	3,000
	Total...	66,250

Governor and other gentlemen on the 30th August 1862. The average growth of these plants during the month is 6/11 inches or about 1/2 of an inch above the growth in May.

The number of plants distributed to the public during the month is 144.

The additional plants registered for distribution being 5,000.

(Signed) W. G. McIVOR,
Superintendent Government Chinchona Plantations.

Proceedings of the Madras Government, Revenue Department,
13th July 1863.

From Mr. C. R. MARKHAM, to Mr. W. G. McIVOR, dated India Office, Westminster, June 9th 1863.

* * * * *

"Mr. Howard has not yet completed his investigations nor sent in his report, but he will do so in a few days. Meanwhile I spent the day with him yesterday, and the following are the results up to last night :—

First.—*Bark of last year* : three per cent. of alkaloids ; per centage and proportion of quinine Chinchonine, &c., not yet ascertained. No appearance of crystals of quinine under the microscope.

Second.—*Bark of present year.* The yield was 4·3 per cent. of alkaloids, 2·4 per cent. being quinine and Chinchonidine, ·9 per cent. Chinchonine.

Under the microscope the sections of the bark showed a great quantity of crystals of quinine, like needles radiating from a centre, scattered over the surface of the cells. That these crystals were salts of quinine Mr. Howard ascertained chemically."

(True Extract.)

(Signed) W. G. McIVOR,
Superintendent Government Chinchona Plantations.

No. 265. ORDER THEREON, 13th July 1863, No. 1,282.

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.

3. The Government of India will be addressed on the subject of paragraph 2 of this letter.

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

Ordered that the following letter be despatched.

No. 266. From J. D. SIM, Esq., Secretary to the Government of Fort Saint George, to the Secretary to the Government of India, dated 13th July 1863, No. 1,283.

SIR,

In forwarding the enclosed monthly tabular Report on the number, &c., of Chinchona plants on the Neilgherries, I am directed to request that this Government may be supplied with copies of any reports of the progress of Chinchona cultivation in Bengal, which may be furnished to your Government.

Government Gardens
Ootacamund 10 July 1863.

No 112

From

W. G. M.ª Ivor Esquire
Superintendent Government Chinchona Plantn.ˢ
Ootacamund

To

J. D. Sim Esquire
Secretary to Government
Fort St George
Madras

Sir,

With reference to the Order of Government of the 22ⁿᵈ October 1862, No. 2263, I have the honor to enclose the Report for last month of our Progress on the Chinchona operations, to which is appended further information with reference to the analysis of bark forwarded to the Secretary of State in April last.

2 I would respectfully solicit the favor of being furnished with Copies of the monthly Reports on the Progress of [illegible] Darjeeling &c &c in the North West Provinces of such are rendered to Government.

I have the honor to be
Sir,
Your most obedient Servant

W. G. M.ª Ivor
Superintendt Govt Chinchona Plantn.ˢ

Revenue Dept.

No. 1283.

From Secy to the Govt of India

To

The Secretary to the Government of India

Sir

In forwarding the Tabular Statements of the Revenue and Expenditure of the Madras Presidency during the 2nd Quarter of the current year, I am directed to request that the Supreme Government may be distinctly informed that the Statements of Receipts and Charges of every description connected with the Civil Departments of the Government are included in the Tabular Statements now submitted.

I have &c

(Signed) H. Sullivan

Offg Secy to Govt

Fort St. George
14th July 1863.

1282

No. 1282.

Orders to be communicated to the Secretary of State, & the Govt of India with reference to their letter 9th January 1863 No 254, and to the other Governments in India.

Orders also to be laid on the Editor's Table

The Govt of India will be addressed on the subject of para 2 of this letter.

Fort St. George
14th July 1863.

1 Supt Govt Chinchona Plantations Ootacamund
1 Govt of India

Copy of a Letter to England
dy 13th July 1863

From the Supt Govt Gardens & Chinchona Plantations Ootacamund
dy 11th August 1863 Rect 19th Sept

From the under Secy to Govt of India dy 5th Sept 1863
Rect 21st

No 264 & 265.

Revenue Dept.
Rec'd from Govt for July
No. 1044

The Supt Govt Chinchona Plantations
Ootacamund

The Secretary to Govt
Madras

Dated 10th July 1863
Rec'd 13th July 1863
No 1282

With one enclosure

Submits the Report of the progress in the Cinchonas for June 1863 with the Appendix of the analyses sent forward to the Secretary of State.

Requests to furnish Copies of the monthly Reports on the progress of Chinchona Cultivation in Darjeeling & the North West Provinces

No 1282. 13th July

With Rec'd

5

Revenue 1863 Deptt.
Pro: of Govt. for July.

No. 1283.

To
The Secretary to the
Govt. of India.
Dated 13th July 1863.

Forwarding the Supt. Govt Gardens
& Chinchona Plants. Calcutta
dated 11th August 63 & No. 1909.

Government of India
requested to furnish this
Government with copies
of any reports of the
progress of Chinchona
cultivation in Bengal
which may be furnished
to that Government.

No 266.