M.R.O. 14-5,450—22-10-25.

# MADRAS RECORD OFFICE.

---

## Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 2738 Press ~~Mis.~~

248 249

Dated 10 - 10 - 1866 .

***Not to be folded or roughly handled***

*Proceedings of the Madras Government, Revenue Department, 10th October* 1866.

No. 248. Read the following :—

*Report on the number, distribution, and condition of Chinchona plants on the Neilgherries on the 31st August* 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 total number of plants permanently planted out in the plantations remain the same as in last month, viz., 4,01,211. |
| 1 | C. Succirubra ... | Red Bark ... ... | 5,19,479 | 2 6 to 8 9 | |
| 2 | C. Calisaya ,, Frutex ,, Vera | Yellow Bark ... ... | 40,421 | 2 10 to 7 0 | |
| 3 | C. Officinalis ,, Condamenia | Original Loxa Bark. | 61,215 | 2 10 to 7 0 | |
| | ,, Bonplandiana | Select Crown Bark. | 7,90,947 | 2 10 to 7 0 | |
| | ,, Crispa ... | Fine Crown Bark... | 4,380 | 2 10 to 6 0 | |
| 4 | C. Lancifolia ... ... | Pitayo Bark ... ... | 249 | 1 8 to 2 10 | The increase by propagation is 1,31,898, being 71,902 plants above the average of the last six months, making the total number 14,46,932. |
| 5 | C. Nitida ... ... | Genuine Grey Bark. | 2,786 | 1 8 to 2 9 | |
| 6 | C. Species without name. | Fine Grey Bark ... | 8,500 | 1 8 to 2 10 | |
| 7 | C. Micrantha ... ... | Grey Bark ... ... | 15,141 | 1 8 to 2 9 | |
| 8 | C. Peruviana ... ... | Finest Grey Bark... | 3,389 | 1 8 to 2 10 | |
| 9 | C. Pahudiana... ... | Unknown ... ... | 425 | Unknown. | |
| | | Total number of plants... | 14,46,932 | | |

*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 31st July 1866. | Height in inches on the 31st Aug. 1866. | Growth in inches during August 1866. | By whom planted. |
|---|---|---|---|---|---|
| 1 | 23 | 141 | 141½ | ½ | Sir W. Denison. |
| 2 | 16½ | 123½ | 126½ | 3 | |
| 3 | 19 | 128½ | 131 | 2½ | |
| 4 | 15 | 116½ | 119 | 2½ | |
| 5 | 27 | 144½ | 145 | ½ | |
| 6 | 20 | 102½ | 106 | 3½ | |
| 7 | 20 | 128½ | 128½ | ... | J. W. Breeks, Esq. |
| 8 | 18 | 131½ | 133 | 1½ | Dr. Sanderson. |
| 9 | 20 | 138 | 138 | ... | J. D. Sim, Esq. |
| 10 | 20 | 140½ | 141 | ½ | Lieutenant McLeod. |
| 11 | 18 | 120½ | 124 | 3½ | P. Grant, Esq. |
| 12 | ... | 85½ | 87½ | 2 | 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 1½ or 1½ inches under 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 31st July 1866. | Height in inches on the 31st Aug. 1866. | Growth in inches during Aug. 1866. |
|---|---|---|---|---|
| 1 | 19 | 120 | 120½ | ½ |
| 2 | 14½ | 106 | 106½ | ½ |
| 3 | 28 | 122 | 122½ | ½ |
| 4 | 22 | 118 | 118½ | ½ |
| 5 | 21½ | 126½ | 127½ | ½ |
| 6 | 28 | 131 | 131½ | ½ |
| 7 | 22½ | 118 | 118½ | ½ |
| 8 | 21½ | 118½ | 119 | ½ |
| 9 | 21½ | 125½ | 126½ | ½ |
| 10 | 19½ | 121½ | 122 | ½ |
| 11 | 24 | 123 | 123½ | ½ |
| 12 | 24 | 126 | 126½ | ½ |

for analysis has made strong shoots of 87½ inches in height, giving the growth of 2 inches during the month.

The twelve plants of C. Officinalis (a shrubby species) on the Dodabetta plantation, gives an average growth of ½ an inch, or ¼ of an 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 2,056, making the total distributed 1,12,769.

*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 | 30 |
| Mr. V. H. Levinge | Madura | 12 |
| Chief Commissioner of | Nagpore | 28 |



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

| Names. | Stations. | No. of plants. |
|---|---|---|
| Mr. Fletcher | Ootacamund | 524 |
| 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 | 474 |
| 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. 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. F. 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. deFacien | 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 Meckley | 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 ... ... | 23,018 |
| Captain Mitcheson ... ... | Do. ... ... | 50 |
| Mr. R. H. Elliot ... ... | Munjerabad ... ... | 276 |
| His Excellency the Governor General. ... ... ... | Goa | |
| Colonel Phayre ... ... ... | Rangoon ... ... | 252 |
| Mr. Ryal ... ... ... | Kotagherry ... ... | 152 |
| Mr. J. Gordon ... ... ... | Coonoor ... ... | 24 |
| Mr. J. Rohde ... ... ... | Neddivuttum ... ... | 6,325 |
| Mr. J. Higginbotham ... ... | Goodaloor ... ... | 11,689 |
| Mr. S. Pital ... ... ... | Mauritius ... ... | 12 |
| Mr. J. Horne ... ... ... | Do. ... ... | 86 |
| Mr. Edouard Cremary ... ... | Reunion ... ... | 36 |
| For the French Government ... | Algiers ... ... | 51 |
| Mr. J. B. Norton ... ... | Shevaroys ... ... | 45 |
| Mr. Mackay ... ... ... | Punjab ... ... | 50 |
| Mr. W. Forsyth ... ... ... | Central Provinces ... | 50 |
| Colonel Cadell ... ... ... | Coorg ... ... | 169 |
| Mr. J. L. Browning ... ... | Wynaad ... ... | 62 |
| Mr. H. Leeds ... ... ... | Burmah ... ... | 4 |
| Maloo Sait ... ... ... | Do. ... ... | 112 |
| Mr. A. D. Brown... ... ... | Dimhutty ... ... | 6 |
| Mr. J. C. Misquith ... ... | Ootacamund ... ... | 53 |
| Mr. J. L. Transen ... ... | Coonoor ... ... | 300 |
| Captain Fitzgerald ... ... | Calcutta ... ... | 8 |
| Mr. Macpherson ... ... | Ootacamund ... ... | 150 |
| Major Travers ... ... ... | Do. ... ... | 12 |
| Mr. S. Prager ... ... ... | Vithry, Wynaad ... | 5,000 |
| Reverend Wenger ... ... | Kaity, Ootacamund ... | 69 |
| Mr. G. W. Forbes ... ... | Dhurmsala ... ... | 2 |
| Major C. Elliot ... ... ... | Mysore ... ... | 55 |
| Collector of Salem ... ... | Salem ... ... | 5,044 |
| Collector of Tinnevelly ... ... | Tinnevelly ... ... | 100 |
| Colonel Denison ... ... | Ootacamund ... ... | 500 |
| Conservator of Forests ... ... | Do. ... ... | 550 |
| | Total number of plants... | 50 |
| | | 1,12,769 |

OOTACAMUND,
*29th September* 1866.

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

No. 249. ORDER THEREON, 10th October 1866, No. 2,738.

**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 Plantations.
,, the Do. do. Central Museum.
,, the Do. Chinchona Plantations in Java.

Exd. S. T. Augustin.

Rec'd 5th November B C Nos 214-215
Reported to England
D/10th October No 2,738 of 1866
Mcl

Revenue 1866. Departt.
Proc. of Govt. for Octr.
Nos. 3 to 5

From the Supt. Govt.
Chinchona Plantations

Dated 29th Septr. 1866.
Received 4th Octr. 1866.

Report for August last.—

Ordered 1st 2738
1 to be forwarded to the Secretary of State, the Supreme Govt. & also to the Superintendent Chinchona Plantations in Java.
2 " Ordered also to be laid on the Editor's Table.
10th Octr. 1866.

1 to the Supt. Govt. Chin: Plantations Nilgiris
2 " Supt. Govt. Central Museum
1 " Supt. Chinchona Plantations Java

100
15

No 248/249

No 2738 10 Octr
With an order