M.R.O. 1—77,006—8-6-37.

(1) Number of pages 16

(2) Date of repair 14 — 6 · 38

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1043 Press / Mis.

Dated 27. 9 1873.

Not to be folded or roughly handled

No. 230. Read the following letter from J. R. COCKERELL, Esq., Commissioner of the Nilgiris, to the Hon. R. A. DALYELL, Acting Secretary to Government, Revenue Department, dated Ootacamund, 23rd August 1873, No. 39 :—

WITH reference to G. O., No. 789, of 26th July 1873, Revenue Department, asking whether any plants of the *Cinchona officinalis Bonplandiana* var. *angustifolia* are available for despatch to Java, I have the honour to submit a letter from Mr. McIvor. It appears there are plenty of plants which can be forwarded to Madras, but an experienced person is required to attend to them on the sea-voyage.

ENCLOSURE No. 1.

From W. G. McIVOR, Esq., Superintendent of the Government Cinchona Plantations, to J. R. COCKERELL, Esq., Commissioner of the Nilgiris, dated Ootacamund, 14th August 1873, No. 48.

WITH reference to the order of Government, No. 789, of the 26th ultimo, and your endorsement of the 4th instant, I have the honour to inform you that we have a number of plants of *Cinchona officinalis Bonplandiana* var. *angustifolia*, which can now be spared for transmission to Java.

2. I am of opinion that the best season for the despatch of these plants will be the month of December.

3. This is a variety of great value, and it would be desirable to make arrangements for the transmission of the plants with as little risk as possible. I could forward them in safety to Madras, but it would be necessary for His Excellency the Governor-General of Netherlands India to make such arrangements as may secure due attention to the plants on the passage to Java.

4. In the autumn of 1866 I forwarded bark of this variety to Mr. Howard, which, on analysis, gave 6·66 of crystallized sulphate of quinine. The name then given to this plant was *C. officinalis Bonplandiana* var. *B.*

Report of an analysis of the fifth remittance of bark from India by J. E. Howard, Esq., F.L.S., to the Under-Secretary of State for India, dated 4th February 1867.

5. In April 1869 Mr. Broughton analysed the bark of two plants of this variety, and found the one to yield 10·13, and the other 6·75 per cent. of crystallized quinine sulphate.

Letter to the Commissioner of the Nilgiris, dated 24th April 1869, recorded in G. O., No. 1,740, of 19th June 1869.

6. Dr. deVrij in January last found this bark to yield 11·57 per cent. of crystallized sulphate of quinine.

7. The seeds of this variety were collected in South America by Mr. Cross, and arrived in India on the 4th March 1862.

No. 231. ORDER THEREON, 27th September 1873, No. 1,043.

Miscellaneous.

THE Superintendent of Cinchona Plantations will prepare two cases of plants of the *Cinchona officinalis Bonplandiana* var. *angustifolia* for transmission to Java in December next.

2. His Excellency the Governor-General of the Netherlands India will be informed that His Excellency the Governor in Council is glad to have it in his

power to supply him with plants of this variety, and the advisability of having them attended to on the voyage will be suggested to him.

(True Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

To the Commissioner of the Nilgiris.

Exd. F. R. Bantleman,

Govt. of {1873} Madras.

REVENUE.

To

THE COMMISSIONER OF THE NILGIRIS.

Dated September 27*th*.

Read.

Encl.

G. O., 27th September 1873, *No.* 1,043.

SEPTEMBER.

Nos. 230-231.

Cinchona Plants for transmission to Java. — Requesting the Superintendent of Cinchona Plantations to prepare two cases of — in December next, and resolving to suggest to the Governor-General of the Netherlands India the advisability of having the plants attended to on the voyage.

No 48

Ex 891

SP

Govt Gardens 5
Ootacamund 14th Augt 1873

From,

W. G. McIvor Esqr
Supt. Govt Chinchona Plants.

To,

I. R. Cockerell Esqr
Commissioner of the Neilgherries
Ootacamund

Sir,

With reference to the Order of Govt No 789 of the 26th Ultimo, and your endorsement of the 4th Instant, I have the honor to inform you that we have a number of plants of Chinchona officinalis Bonplandiana, var: Angustifolia, which can now be spared for transmission to Java.

2 I am of opinion that the best season for the despatch of these plants will be the month of December.

3 This is a variety of great value, and it would be desirable to make arrangements for the transmission of the plants with as little risk as possible. I could forward them in safety to Madras but, it would be necessary for His Excellency the Governor-General of Netherlands India, to

make

make such arrangements as may secure due attention to the plants on the passage to Java.

4 In the Autumn of 1866, I forwarded bark of this variety to Mr. Howard, which on analysed gave 6.66 of crystallized sulphate of quinine. The name then given to this plant was C. officinalis Bonplandiana var: B.

Report of an analysis of the Fifth Remittance of Bark from India by J. E. Howard Esqr. F.L.S. to the Under Secretary of State for India dated 4th February 1867.

5. In April 1869 Mr. Broughton analysed the bark of two plants of this variety and found the one to yield 10.13 and the other 6.75 % of crystallized quinine Sulphate.

Letter to the Commissioner of the Nilgiris dated 24th April 1869, recorded in G.O. No. 1740 of 19th June 1869.

6 Dr. de Vrij in January last found this bark to yield 11.57 % of crystallized Sulphate of quinine.

7 The seeds of this variety were collected in South America by Mr. Cross and arrived in India on the 4th March 1862.

I have the honor to be
Sir
Your obedient Servant

H. S. M. Lee

Enclosure to letter to Govt
No 89 dated 23 August 1873.

R 2575/73

Commissioners Office
Ootacamund 23rd August 1873.

No 39

From

J. R. Cockerell Esq
Commissioner Nilgiris

To

The Secretary to Government
Revenue Department
Ootacamund

Sir.

With reference to Government Order No 1189 of 26th July 1873, Revenue Department, asking whether any plants of the Cinchona Officinalis Bonplandiana Var angustifolia were available for despatch to Java I have the honor to submit a letter from Dr De Vry. It appears there are plenty of plants which can be forwarded to Madras but an experienced person is required to attend to them on the Sea voyage.

I have the honor &c
Sir
Your most obedt Servt

Ed. Cockerell
Commissioner.

7-9-73

Go 28 July/73 No 24) 48

Rec 1873 Dept.
No 39 No 2575
Date— 23 August 1873.
Rec. 25 Do

Commissioner's Office,
Ootacamund.

To

The Secretary to Govt
Revenue Dept
Ootacamund

Enclosures. 1
Cinchona -

SUBJECT.

Submitting letter from Dr
Cross regarding the
cinchona plants required
for transmission to Java.

25/9

GO 27 September 73
No 1043

Dr 230-231.

C 195 Septr 73 N. 26 Dy

Revenue Dept. 13

No. 1043

Pros. of the Madras Govt.

Under date the 27th Sept. 1873.

Read the following letter from the Commissioner of the Nilgiri Peruso.

Submitting letter from Mr. McIvor regarding the Cinchona plants required for transmission to Java.

} H.L. 23 Augt. 1873, No. 39.

Dol

The Superintendent of Cinchona plantations will prepare two cases of plants of the Cinchona Officinalis Bonplandiana var Angustifolia for transmission to Java in December next.

2. His Excellency the Governor General of the Netherlands Indies

India will be informed that
His Excellency the Governor in
Council is glad to have it in
his power to supply him with
plants of this variety, and
the advisability of having
them attended to on the voyage
will be suggested to him.

Ld

L to The Commissioner Dehra Dun
Sept 7 to 73

3
25

G O

Cinchona plants for the
Govt of Java