M.R.O. 1—39,000—16-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1892 Press
15-16 Mis.

Dated 14 July 1869

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, 1st July 1869.

No. 15. Read the following letter from the Officiating Commissioner and Superintendent, Jullundur Division, to the Acting Secretary to Government, Madras, dated Dhurmsalla, 5th June 1869, No. 1,436:—

In accordance with the orders of the Punjab Government, passed on your Government Proceedings, in the Revenue Department, No. 338, of 9th February last, I have the honour to forward, in a separate tin case by bangby dâk, two specimens of Chinchona bark, and of the soil on which grown, obtained from the Manager of the Punjab Chinchona Association, whose plantation is situated at Bhowarna in the Kangra Valley; together with a copy of that gentleman's letter to the address of the Deputy Commissioner, Kangra, in which he describes the specimens sent.

2. With reference to the concluding portion of Mr. Mackay's letter, I would beg to be informed if a specimen of the variety of bark alluded to will be required by Mr. Broughton.

Copy of a letter of Bhowarna, 30th May 1869, *from J. MACKAY, Esq., Superintendent Punjab Chinchona Association, to C. P. ELLIOTT, Esq., Deputy Commissioner, Kangra.*

With reference to your letter, dated 21st instant, requesting specimens of Chinchona bark for the Madras Government, I have the honour to send herewith a box containing specimens of two species, (one of *C. Succirubra* and one of *C. Calisaya*,) together with a good specimen of the soil on which they were grown. There is a note attached to each of the specimens of bark, describing the height, etc., of the trees, from which the bark has been taken. There is no lime stone on or near the site on which the Chinchonas are growing; the formation is chiefly of decomposed granite and red sand stone.

2. The specimen of the *C. Calisaya* bark was taken from the branches of one of the largest trees of that species which is now producing ripe seeds, and which, I fear, will affect the amounts of alkaloids. The specimen of the *C. Succirubra* bark was also taken from branches cut from some of the largest trees, and consequently some of the bark is not more than twelve months old. There is another variety that is growing at Darjeeling, and which, Dr. Anderson says, contains more alkaloids than any other variety of *C. Calisaya*. I have not such a specimen of this variety of *C. Calisaya*, as the plants are only two years old, and I thought the bark too young to be analysed; but should Mr. Broughton consider it of importance, I can cut one or two plants at the end of the season, and send him the bark from them.

No. 16. Order thereon, 1st July 1869, No. 1,892.

Miscellaneous.

Ordered that the specimens of Chinchona bark and of the soil on which the trees were grown, received with the above letter, be forwarded to Mr. Broughton, through the Commissioner of the Neilgherries, with reference to his letter, dated 27th January 1869.

2. Mr. Brooks will obtain from Mr. Broughton the information required in paragraph 2 of the letter from the Officiating Commissioner of the Jullundur Division.

(True Extract.)

(Signed) R. A. DALYELL,

Acting Secretary to Government.

To the Commissioner of the Neilgherries.

Exd. F. R. Bantleman,

Revenue Department

No 1892

Proceedings of the Madras Government

Under date the 20th July 1869.

Read the following letter from the Commissioner Telugu Districts Nellore Division.

Intimating the despatch of one case containing 2 specimens of Chinchona Bark, Nos. together with a copy of a letter from the Superintendent Chinchona Plantation Neilgherries.

H.E. 5 June/69 No 1405

Ordered that the specimens of Chinchona bark and of the soil on which the trees were grown, received with the above letter

Govt. of (1869) Madras.

REVENUE.

To

THE COMMISSIONER OF THE

NEILGHERRIES.

Dated July, 1.

Read.

Rec'd.

G. O., 1st July 1869, No. 1892.

JULY.

Nos. 13-13.

Ordered [illegible] to Dr. Broughton.

be forwarded to Mr. Broughton, through the Commissioner of the Neilgherries with reference to his letter dated 29th January 1869.

2. Mr. Breeks will obtain from Mr. Broughton the information required in para 2 of the letter from the Offg. Commissioner of the Jullundur Division.

1/29/69 To the Comm'r of Neilgherries Deputy

Secretary