

MADRAS RECORD OFFICE.

Government of Madras.

*R*evue. DEPARTMENT.

G.O. No.

338

Press

~~Mis.~~

156-57

Dated

9th February 1969

Not to be folded or roughly handled

X
no

No. 156. Read the following letter from J. BROUGHTON, Esq., Quinologist to Government, Ootacamund, to the Acting Secretary to Government, Revenue Department, Fort St. George, dated Ootacamund, 27th January 1869 :—

1. In January 1867, when I first arrived in India, I had the honor of being informed by the then Secretary to Government, Revenue Department, in answer to an enquiry of mine, that the Madras Government would, if necessary, procure me specimens of Chinchona, grown in the other Indian Presidencies. An opportunity of examining some of these would now be of direct service to my work. The following are the reasons :—

2. In a report to Government, (Proceedings Madras Government, July 26th, 1867, No. 533, paragraph 21,) I had the honor of stating that I had then obtained some results of interest connected with the influence of soil on the amount of Alkaloid in Chinchona Bark. Since that time, I have had no opportunity of verifying the truth of the views which I was then led to entertain, and have consequently refrained from communicating them. In order to corroborate or contradict the hypothesis to which the facts above referred to lead, it is necessary to examine barks grown on various soils. This has hitherto been impossible from the singular monotony in the constitution of the soils on which Chinchonæ are grown in this Presidency.

3. From enquiries I have made, I find that in Karigra valley, Punjab, there are Chinchonæ growing on a *lime-stone* soil. I have endeavoured to obtain a specimen of their bark by private means, but have failed. If Government would be good enough to procure me a specimen of about 8 oz. of the Red bark of known age from that locality, with (to avoid mistake) an ounce of the soil on which it grew, I should probably be able to obtain some more light on a point, which it is important either to verify or refute. The Plantations I refer to, were, I believe, started by Major Nassan Lees, and now belong to the "Punjab Tea and Chinchona Company."

4. It has been recently stated in Indian Newspapers that the Government Plantations at Darjeeling are producing barks which surpass in quality those of the Neilgherries. It is obvious that if this be really the case, (which is at present open to doubt,) the *cause* of the difference is too important a point to be neglected. I should be therefore very glad to obtain a good mean specimen of about a pound of the bark of their two best kinds taken from trees of known age, with an ounce of the soil on which they grew.

5. I should mention that the results I obtain in both the above cases, will be used for my own information only.

*Proceedings of the Madras Government, Revenue Department,
9th February 1869.*

No. 157. ORDER THEREON, 9th February 1869, No. 338.

Miscellaneous.

The necessary application will be made to the Punjaub and Bengal Governments, with reference to paragraphs 3 and 4 of the foregoing letter.

(True Extract.)

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

To the Government Quinologist.
,, the Superintendent Government Chinchona Plantations.

Exd. G. A Turton.

26 July/67 No: 533-534

Permanence 1869 Oct.
W. 256.

Mr. J. Broughton
Quinologist to Govt.
Ootacamund.

Date 27th 3rd day
Received 29th 1869.
W.

Sept 28-9 Oct 11/69

* with any of the soil
on which it grew
may be preserved -
for preservation -

Requesting that a
specimen of the bark
Chinchona bark
grown in the Naraja
Valley - Pinjraah
156.

Out of 1869 24 adms.

REVENUE.

THE GOVERNMENT QUINOLOGIST,

Ac, Ac, Ac.

Dated February, 9th.

Recd.

Encl

G. O. 9th February 1869, No. 338

FEBRUARY.

Nos. 156-157.

Chinchona Barks and soil from Bengal and
Panjab — Application to be made to these Govern-
ments for specimens and samples of those specified
by the Government Quinologist.

No 250

N^o. 338.

9th July 1869.

338

The necessary
application will be
made to the Punjab
and Bengal Govern^{ts}
with reference to
paras 3 and 4 of
the foregoing letter.

Lt

1 Copy to Mr. Galt, Zoologist Dept. W.
1 Copy to Mr. Galt, Chem. Plant. W.

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THE Government Gunologists.

50.

Application from the
Honorable Charles
Barlow for a certificate
of the land.

Received of the
Honorable Charles
Barlow the sum of