M.R. O. 1—82,000—15-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1622 Press ~~Mis.~~

27-28
Dated 11-7-1820 19~~..~~.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department,
11th July 1870.

No. 27. Read the following despatch from the Right Honourable the Secretary of State for India, (Public,) to His Excellency the Right Honourable the Governor in Council, Fort Saint George, dated India Office, London, 19th May 1870, No. 13 :—

I HAVE received and considered in Council your Excellency's despatches in the Revenue Department, dated March 7th and 21st (Nos. 5, 7, and 8) of 1870, transmitting two reports of the progress and condition of the Cinchona plantations on the Neilgherry Hills and Mr. Broughton's report on his examination of Cinchona barks.

2. Mr. Broughton, by a series of careful and judicious analyses, which are most creditable to him as a scientific chemist, appears to have arrived at practical results respecting the more important questions relating to Cinchona cultivation—namely, the best conditions of growth, the time for harvesting, and the mode of drying the bark.

3. Upwards of a million plants are now permanently planted out in the Government plantations, some of which are 25 feet high and 32 inches in girth. The time, therefore, seems to have arrived for your Government to adopt some systematic course with reference to utilizing the very large quantity of febrifuge alkaloids which is now stored in the bark of these trees. I am of opinion that this subject should receive consideration from your Government at an early date, and that, in consultation with Mr. Broughton and Mr. McIvor, a regular system of procuring and utilizing an annual harvest of bark should be commenced and developed as further experience is acquired in future years.

4. The plantations will require thinning from time to time, and strict injunctions should be given that no bark, not even that of the smallest twigs, should be wasted. The bark which is useless for the extraction of quinine is valuable as a febrifuge for the use of coolies in the form of a decoction or infusion. But a certain number of larger trees must now be annually in a sufficiently advanced stage of growth to yield bark suitable for the extraction of alkaloids. It will be a point for your decision whether this bark should be used in the manufactory at Ootacamund for the supply of hospitals in India, or be sent to the London market, or whether a portion should be sent home, and a portion worked up on the spot.

5. In considering the course to be adopted with reference to the Government plantations, the question will arise whether they should remain permanently in the hands of the Government for the supply of quinine in the hospitals, and the distribution of seeds and plants throughout India, or whether they should eventually be disposed of, as in the case of the Government Tea plantations. If the latter course appears preferable, it will be necessary to decide at what stage of its development the connection of Government with the enterprize should cease.

6. In considering this important subject many other points will arise which I am not in a position to specify, but I trust that the whole question, in all its bearings, will receive full consideration from your Government, and that your conclusions may be communicated to me in time to allow of a regular system being adopted for the ensuing year.

Proceedings of the Madras Government, Revenue Department,
11th July 1870.

No. 28. ORDER THEREON, 11th July 1870, No. 1,022.

Miscellaneous.

21st February 1870, No. 255,
22nd ,, ,, 268.
18th March ,, ,, 371.

COMMUNICATED to the Commissioner of the Neilgherry Hills, to the Government Quinologist, and to the Board of Revenue, with reference to the Orders of Government marginally noted.

2. The Commissioner will, in communication with Messrs. Broughton and McIvor, report on the several points noticed by the Secretary of State in paragraphs 3 *et seq.* of this despatch.

3. Meanwhile, the Commissioner will instruct Mr. McIvor to pay strict attention to the Secretary of State's Order in the first sentence of paragraph 4 of the despatch.

(True Extract.)

(Signed) H. E. STOKES,
Under-Secretary to Government.

To the Commissioner of the Neilgherries.
,, the Government Quinologist.
,, the Board of Revenue.

Exd. F. R. Bantleman.

Revd. Department

Proceedings of the Madras Government

No. 1022

Under date the 11th July 1870

Read the following

Report from the Dept. of State.

Reviewing the reports of the progress & condition of the Chinchona plantations on the Neilgherry Hills & Mr. Broughton's report on his examination of Chinchona barks, suggesting that some course with respect to fertilizing the large quantity of refuse alkaloids which is now stored in the Bank of the trees should be adopted, &c.

(G.O. 19th May 1870 No. 13)

Communicated to the Commissioner of the Neilgherry Hills, to the Govt. Surgeon-Genl. and to the Board of Revenue

2nd " Dept. 18th July 1870 No. 2055
22nd " " — " — 2.68
18th " Revenue " — " 3/1.

marginally noted.

Sec.

Govt. of {1870} Madras.

REVENUE.

To

THE COMMISSIONER OF THE NEILGHERRIES.

&c., &c., &c.

Dated July, 11th.

Recd. *Encl.*

G. O., 11th July 1870, No. 1,022.

JULY.
Nos. 27-28.

Cinchona Plantations on the Neilgherries. —Home Despatch reviewing two reports of their progress and condition, and Mr. Broughton's report of his examination of the barks, communicated to certain authorities.

2. The Commissioner will in communication with Messrs Broughton & McAdoo, report on the several points noticed by the Secretary of State in paras 3 et seq. of this Despatch.

3. Meanwhile the Commissioner will instruct Mr McAdoo to pay strict attention to the Secretary of State's order in the first sentence of para 4 of the Despatch.

3 White Comm of Mackerel Fisheries Dept 16
1 — Govt Ichthyologist "
14 — Bds of Trade "

16/12/16