M.R.O. 1—77,006—8-6-37.

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MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	1400	~~Press~~ / Mis.
Dated	26-2-1890.	

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

READ—the following papers :—

From C. J. LYALL, Esq., C.I.E., Officiating Secretary to the Government of India, Home Department (Medical), to the Chief Secretary to the Government of Bombay, dated Simla, 7th October 1889, No. 636.

I am directed to acknowledge the receipt of your letter, No. 2228, dated the 10th June last, soliciting orders on a suggestion made by the Surgeon-General with the Government of Bombay that the orders contained in Home Department Circular, No. 8—304 to 310, dated the 12th June 1878, laying down the proportions in which "cinchona febrifuge" and quinine should be issued to Native civil hospitals and dispensaries, should be cancelled.

G.O. 1011 27.3.78 Public

2. In reply I am to say that, after consulting the Superintendent of the Royal Botanic Garden, Calcutta, and of cinchona cultivation in Bengal, the Governor-General in Council has decided that the amount of "cinchona febrifuge" hitherto substituted for quinine should be reduced from 75 to 50 per cent. He accordingly directs, in supersession of the orders of the 12th June 1878, that quinine and "cinchona febrifuge" shall until further orders be issued to Native civil hospitals and dispensaries in the several provinces in equal proportions.

No. 645.

Copy forwarded to the Government of Madras, with a suggestion that, if His Excellency the Governor in Council sees no objection, a similar course may be followed in the Madras Presidency.

(By order.)

(Signed) J. P. HEWETT,
Under Secy. to the Govt. of India.

To the Government of Madras.

From G. BIDIE, Esq., M.B., C.I.E., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Fort St. George, 1st November 1889, No. 296.

In returning the letter of the Government of India, referred under your No. 3232, of 25th October 1889, I have the honor to inform His Excellency the Governor in Council, that I believe it has been arranged in the Revenue Department not to manufacture on the Government estates any more "cinchona febrifuge," as

expensive apparatus have been provided for the preparation of quinine, and as it is anticipated that, with the new appliances, the bleached alkaloid can now be supplied at quite as cheap a rate, considering its comparative efficacy, as any of the cruder preparations hitherto in use.

2. This proposal to substitute quinine for febrifuge in all cases has my entire approval, as the people generally are well acquainted with the efficacy and appearance of the sulphate of quinine. No other preparation hitherto in use has been able to win the same degree of popular confidence as a febrifuge, and the feeling of the common people when supplied with such products seems to be that they are being imposed on and getting something that has no relation whatever to quinine.

3. I trust, therefore, that no efforts will be spared to turn out quinine at a price that will place it within the reach of the poor, who are the greatest sufferers from fever. The cost of the English-made article has hitherto been the chief obstacle to its general use, and if cheap supplies of the local-made quinine were available all over the country, I have no hesitation in saying that the consumption would be very large.

4. As the manufacture on the Government estates will, therefore, in future be restricted to the production of quinine, and as this can be supplied, I hope, at as cheap a rate as the febrifuge, it is not necessary to consider further the proposal of the Government of India with reference to the use of "cinchona febrifuge" in hospitals and dispensaries in lieu of quinine. The factory at Naduvatam will, in future, I am informed, be prepared to supply all the quinine required for the medical stores and the price to them is to be the same as that of Howard's sulphate of quinine landed in Madras.

From M. A. LAWSON, Esq., Government Botanist and Director of Government Cinchona Plantations, &c., Nílgiris, to the Secretary to Government, Revenue Department, dated Ootacamund, 6th January 1890, No. 60.

With reference to G.O., No. 3477, dated the 30th November 1889, Public, referred to me for remarks under G.O., No. 8226, dated the 20th December 1889, Revenue, I have the honor to state, with reference to paragraph 1 of the Surgeon-General's letter, that the manufacture of the liquid febrifuge has been already discontinued; *secondly*, that the manufacture of the solid febrifuge, or "the bleached alkaloids" of the Surgeon-General, is being continued, and I think rightly, because a large number of the trees, especially on the Naduvatam estate, belong to the class of the red barks, which produce the best kind of febrifuge, but which, in comparison with the crown barks, yield a very small proportion of quinine. I think, therefore, that it would be well, for a time at least, that this kind of febrifuge should still be made; and I would suggest that the Government of India's recommendation (No. 645, dated 7th October 1889), should be adopted, viz., that, until further orders, 50 per cent. of the febrifuge or "bleached alkaloids" and 50 per cent. of the sulphate of quinine shall be issued to hospitals.

ORDER—dated 11th February 1890, No. 101, Public.

It is observed that the rule that cinchona febrifuge should be substituted for three-fourths of the quinine issued to Native civil hospitals and dispensaries has not been adopted in this Presidency, because the medicines for mofussil hospitals and dispensaries have always been paid for by local bodies concerned.

2. In the circumstances stated above, His Excellency the Governor in Council is of opinion that it is optional for local bodies to obtain quinine and cinchona febrifuge in such proportions as they think fit, and accordingly directs that in future the manufacture of the solid febrifuge should be limited to the demand for it. The manufacture

of liquid febrifuge has been entirely discontinued in accordance with paragraph 4 of G.O., No. 946, Revenue, dated 25th November 1889.

(True Extract.)

J. Grose
Ag. Chief Secretary.

To the Revenue Department.
" Local and Municipal Department.
" Surgeon-General with the Government of Madras.

ENDORSEMENT—dated 11th February 1890, No. 102, Public.

Copy forwarded to the Government of India, Home Department (Medical).

J. GROSE,
Ag. Chief Secretary.

Exd. A. Raitt.

Revenue Department

Govt. of {1890} Madras.

PUBLIC.

No. 1494

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G.O., &c., 11th February 1890,
Nos. 101, 102.

FEBRUARY.

Cinchona Febrifuge.

Passing orders leaving it optional for local bodies to obtain quinine and — in such proportions as they think fit, and directing that, in future, the manufacture of the solid febrifuge should be limited to the demand for it.

Rev 20-11-89. No 5225.
Rev 27. 5 '93 Pol Public
9.12-97 V

G.G. mis.

Communicated to the Govt. Botanist and Director of Govt. Cinchona Plantations.

To
The Govt. Botanist
and Dir. of Govt.
Cinchona Plantns.

28.2.

List