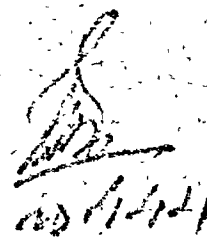


MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	L L L	Press Mis.
344-45 Dated	17-2-	1868.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
17th February 1868.*

No. 344. Read the following letter from the Inspector General, Indian Medical Department, to the Secretary to Government, Revenue Department, dated Fort St. George, 29th January 1868, No. 47 :—

Revenue Department, No. 2,968, of 13th December 1867.

* No. 5 of 23rd instant.

1. With advertence to the Proceedings of Government noted in the margin, I have the honor to submit the enclosed very satisfactory report,* by Assistant Apothecary Wade, on the "liquid preparation" of Chinchona sent to him for trial by Mr. Broughton.

2. The other preparations mentioned by Mr. Broughton in paragraphs 9 and 10 of his Report, and in paragraph 7 of the Appendix, have also been sent to Mr. Wade for trial, and the result will be duly communicated to Government.

From Assistant Apothecary M. WADE, in Medical charge, Goodalore, to the Officiating Secretary, Principal Inspector General, Indian Medical Department, Fort St. George, dated Goodalore, 23rd January 1868, No. 5.

1. I beg to submit, for the information of the Principal Inspector General, the accompanying two tabulated sheets of the experiment connected with the "liquid preparation of Chinchona," as supplied me by J. Broughton, Esq., Quinologist of Ootacamund.

2. As will be seen from the accompanying communication from that gentleman, an ounce of this preparation was considered equivalent to twelve grains of Quinae disulphate.

3. Twenty-one well marked cases have been thus treated, in twenty of whom it tended to effect a cure.

4. In appearance this preparation resembles a thick decoction of Chinchona, as is usually seen in Hospital practice, of a sourish bitter taste, and which, as anticipated, is very disagreeable to take.

5. Of the number treated, one dose of the preparation was sufficient to cut short the attack of fever in eight cases, while nine required a second dose, and three a third dose, thus shewing that the majority of the cases required more than one dose to stay the attack.

6. In the trial already made, it will be seen that the greater number (eleven) suffered, while under treatment with this preparation, either from nausea, vomiting, diarrhoea, or a burning sensation in stomach, while in ten such symptoms were not complained of; but a more lengthened experience of its effects would be necessary before it can be considered a gastro-intestinal irritant, as may be concluded from the above results.

7. Chinchonism was fully established in one-third of the cases treated, in three it was only partially induced, while in eleven this symptom was not complained of, though inquired for.

8. Case No. 4 calls for explanation, as it will be seen that only two doses were taken, and this plan of treatment discontinued for Quinine. The patient for the past year has been from time to time treated with the alkaloids for fever, and which usually cut short the attack in his case in one day, therefore not only enabling him to be the sooner about—a busy office man—but also to place great faith in that plan of treatment. Finding that the two doses of the liquid Chinchona preparation on two successive days did him little or no good, he became alarmed and begged for treatment in the usual way; added to this, that not only is he of a very timid disposition, but that the fever was assuming a remittent form, I deemed it expedient to resort to Diaphoretics and Quinine for his recovery. This cannot be regarded as a failure of the preparation to stay the attack in this instance, and, with this exception, the medicine did not fail in the other cases.

9. Eighteen of the cases thus treated have, since discharge, enjoyed good health, and have not as yet had a second attack; the remaining two, Cases 16 and 20, have already had a second attack; they are Nair men of the Mofussil Police, who are weakly constitutioned and ill-adapted to withstand the malarious influences surrounding them.

*Proceedings of the Madras Government, Revenue Department,
17th February 1868.*

10. One ounce of this preparation (as it was believed to be equivalent to about twelve grains of the disulphate of Quinine) combined with an ounce of water formed the dose in each case, being repeated on each successive day till the paroxysm was checked.

11. In conclusion, I would beg to state that this simple and easily prepared febrifuge, though a rough preparation, can be readily obtained by the possessors of a few Chinchona plants, the use of which is attended with benefit in mild paroxysmal fevers.

No. 345. ORDER THEREON, 17th February 1868, No. 444.

Miscellaneous.

1. Ordered to be communicated to Mr. Broughton and to the Chinchona Commission.

2. The results obtained are very encouraging.

(True Extract.)

(Signed) F. BRANDT,

Under Secretary to Government.

To J. Broughton, Esq.
„ the President of the Chinchona Commission.
„ the Inspector General, Indian Medical Department.
„ the Board of Revenue.
„ the Collector of Coimbatore.
„ the do. of Malabar.
„ the Military Department.
„ the Editors' Table.

Exd. F. B. Bantleman.

Gardens. City
Dec: 6th 1867

My dear Sir,

I send you a quart
+ pint bottle of a preparation
of Chinchona bark. I would
estimate its probable efficacy
to be such that one ounce
would be equal to 12 grs
of Quinine disulph.

I am very anxious
to know how you find it, since
it is a preparation which the

1881. 10. 10. 1881.

My dear Sir,
I have the pleasure to
acknowledge the receipt of
your letter of the 10th inst.
and in reply to inform you
that the same has been
forwarded to the
proper authorities.

I am, Sir,
very respectfully,
Yours,
John Broughton

possessors of a few chinchona
trees will be able to make
themselves. I have mentioned
your name to government
as about to make some trials
of the liquid, and will ask
you to be so kind as to send
me an early copy of your
results.

From the roughness
of its preparation, it is of course
a far less refined form of the
bark than ^{the} salt of quinine.
- doubtless less agreeable to take

I remain dear Sir,
- Yours sincerely,
John Broughton

13 December 1891

Reported to England
1891 Dec 11/12 30/11/1891

Received of Mr. O. J. G. 290.

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