

(1) Number of pages 6(2) Date of repair 17-6-37(3) Initials of the Referencer 72**MADRAS RECORD OFFICE.****Government of Madras.***Revenue* **DEPARTMENT.**

G.O. No.	1202	Press ~~Mis.~~
Dated	4-11-	1884.

Not to be folded or roughly handled

4TH NOVEMBER 1884, No. 1202, REVENUE.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following letter from W. R. CORNISH, Esq., F.R.C.S., C.I.E., Surgeon-General with the Government of Madras, to the Secretary to Government, Revenue Department, dated Ootacamund, 20th October 1884, No. 02—209:—

With reference to the remarks of the Director, Government Cinchona Plantations, in paragraph 62 of his report, dated 7th July 1884, printed in Government Order No. 1050, 17th September 1884, Revenue Department, cited in the margin, I have the honor to state that the use of crude bark is very wasteful and expensive owing to the fact that infusions and decoctions soon ferment and spoil in this country.

2. Medical practitioners in India are not in the habit of using crude bark to any extent, and there is no reason why they should do so when the cheaper alkaloids, cinchonidine and cinchonine, are prepared and sold at low rates, and when the Government cinchona febrifuge prepared at Darjeeling is to be had at the cost of one rupee per ounce. Of the latter preparations we use in Madras about 500 lb. per annum, and with the extension of dispensaries the quantity is yearly increasing.

3. At the same time there can be no doubt that if a concentrated solution of the various active principles in cinchona bark could be prepared in this country so as to keep good for any length of time in hot climates, such a preparation would be very useful and valuable. Already at Home, Dr. De Vrij, the Dutch Quinologist, has patented such a preparation, and another has been prepared by Dr. Paul, the Analyser, employed by the Secretary of State for India, and these preparations, although not cheap, are now being advocated by the medical profession.

4. I think it would be advisable that the Government Quinologist when he arrives should give his attention to the preparation of a fluid extract of cinchona of this nature, such as might be readily prepared in the Medical Store Department, for issue to Government Hospitals. I enclose cuttings relating to the preparations of De Vrij and Paul for communication to the Director of Cinchona Plantations.

ORDER—dated 4th November 1884, No. 1202, Revenue.

Miscellaneous.

Communicated to the Director, Government Cinchona Plantations, Parks and Gardens, Nilgiris.

(True Extract.)

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

To the Director, Government Cinchona Plantations, Parks and Gardens, Nilgiris, with one enclosure.
„ the Surgeon-General with the Government of Madras.
„ the Board of Revenue.
„ the Superintendent, Government Central Museum.

Exd. W. H. French.

70 Copies.

Govt. of (1884) Madras.
REVENUE.

Issued

Recd.

Encl.

G.O., 4th November 1884, No. 1202.

NOVEMBER.

Cinchona Bark (Crude).

Report of the Surgeon-General with the Government of Madras on Mr. Lawson's suggestion regarding the use of —, communicated to the Director of Government Cinchona Plantations, Parks and Gardens, Nilgiris.

OFFICE OF SURGEON-GENERAL

WITH THE GOVERNMENT OF MADRAS,

Cotacaimund. 20th October 1884.
Madras.

No. 209

From

W. R. Cornish Esq. LL.B., &c. &c.

THE SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS,

Cotacaimund. Madras.

To

THE CHIEF SECRETARY TO GOVERNMENT,

Revenue DEPARTMENT,

SIR,

With reference to the remarks of the Director Government Cinchona plantations in para 62 of his report dated 7th July 1884 printed in A. R. cited in the margin, I have the honor to state that the use of crude bark is very wasteful and expensive owing to the fact that infusions and decoctions soon ferment and spoil in this country.

2- Medical practitioners in India are not in the habit of using crude bark to any extent, and there is no reason why they should do so, when the cheaper alkaloids cinchonidine and cinchonine, are prepared and sold at low rates, and when the Government cinchona febrifuge prepared at Darjeeling is to be had at the cost of one rupee per ounce - Of the latter preparations we use in Madras about 500 lbs per annum, and with the extension of dispensaries the quantity is yearly increasing.

3- At the same time there can be no doubt that

N^o 1050-17 Sept 84
Rev. Dept.

that if a concentrated solution of the various active principles in Cinchona bark could be prepared in this country, so as to keep good for any length of time in hot climates that such a preparation would be very useful and valuable. - Already at Home Dr De Vrije the Dutch Quinologist has patented such a preparation and another has been prepared by Dr Paul the Analyst, employed by the Secretary of State for India, and these preparations, although not cheap are now being advocated by the medical profession. - I think it would be advisable that the Government Quinologist when he arrives should give his attention to the preparation of a fluid extract of cinchona, of this nature, such as might be readily prepared in the Medical Store Department, for issue to Govt Hospitals. I enclose cuttings relating to the preparations of Dr Vrije and Paul for communication to the Director of Cinchona plantations.

I have the honor to be
Sir

Yours most Obedt Servant

Wm Cornish
Surgeon General
with the Govt of Madras

Q.C. 17 Sept 1884 no 1050.

no. 7172
Rec. (188 $\frac{1}{4}$) DEPARTMENT.

From

THE SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS.

Madras.

h. a.

✓ 1202

Communicated to the
Director, Forest & Cinchona
Plantations, Parks & Gardens
Nilgiris.

No.

Dated 23

Recd. 27

No.

No. 02
209.

1884

Me. 1.

SUBJECT.

SUBJECT.

Reporting on the suggestion
of the Director Government
Cinchona Plantations as to the
use of the crude bark.

5th The Director Govt. Civ. Academy
Barks & Adams, Virginia
with one each.
6th Surgeon General with the Govt. of Illinois
16th Board of Education
3rd Supdt. Govt. Central Museum

2. C. 13-11.12

40

M

With an order

C-31-10 84.
R. 4-11-84