

(1) Number of pages 8.
(2) Date of repair 15-6-38.
(3) Initials of the Referencer 4

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	403	Press Mis.
Dated	7. 3. 1872.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
7th March 1872.*

No. 83. Read the following letter from the Government Quinologist, to the Officiating Chief Secretary to Government, Fort St. George, dated Ootacamund, 26th February 1872 :—

A considerable amount (4,106 lbs.) of red and crown bark is being sent to England for sale by the Superintendent of the Cinchona Plantations according to the following invoice :—

No. of Boxes.	Description of Bark.	WEIGHT OF		Total Weight.
		Bark.	Boxes.	
		lbs.	lbs.	
1	Red Bark, Mossed	182	55	
2	" "	190	61	
3	" "	252	84	
4	" "	229	73	
5	" "	326	90	
6	" "	116	41	
7	Crown Bark...	430	108	
8	" "	400	103	
9	" "	658	139	
10	" "	368	84	
11	" "	676	145	
12	Red Bark, Unmossed	279	59	
	Total...	4,106	1,062	5,148

2. The barks on an average contain 10 per cent. of water, although air-dried bark. The amount of alkaloid contained in the average specimen of each bark is as follows when expressed in percentages of quite dry bark :—

	Crown Bark.	Unmossed Red Bark.	Mossed Red Bark.
Total Alkaloids	4.02	6.60	7.80
Quinine	2.43	1.49	1.64
Cinchonidine and Cinchonine	1.59	5.11	6.16
Pure Sulphate of Quinine obtained crystallized	2.43	0.84	0.92
Other Sulphates obtained crystallized	1.10	4.45	4.74

3. The mossed red bark is from the oldest trees and has been long under moss. The unmossed red bark is from the upper part of the trunks of some trees. The crown bark is from the Neddivuttum plantations, and consequently though good not of our best quality.

*Proceedings of the Madras Government, Revenue Department,
7th March 1872.*

No. 84.

ORDER THEREON, 7th March 1872, No. 403.

Miscellaneous.

ORDERED to be forwarded to the
Secretary of State.

(True Extract.)

(Signed)

W. HUDLESTON,
Officiating Chief Secretary.

To the Government Quinologist.
,, the Commissioner of the Nilgiris.

Exd. J. Tulloch.

Botocanund
26th February 1872

From Mr. J. Broughton
Government Quinologist

To W. Huddleston Esq.
Officiating Chief Secretary
to Government
Fort Saint George

Sir,
A considerable amount (4106 lbs.)
of Red and Brown bark is being sent
to England for sale, by the Superinten-
dent of the Cinchona Plantations, ac-
cording to the following

No. of Boxes	Description of Bark	Weight of		Total Weight
		Bark lbs.	Boxes lbs.	
1	Red Bark Mopid	182	55	
2	" "	190	61	
3	" "	252	84	
4	" "	229	73	
5	" "	326	90	
6	" "	116	41	
7	Brown Bark	430	108	
8	" "	400	103	
9	" "	658	139	
10	" "	368	84	
11	" "	676	145	
12	Red Bark unmopid	279	59	
	Total pounds	4106	1042	5148

The barks on an average
contain

Govt. of 1872/73

REVENUE.

THE GOVERNMENT QUINOLOGIST.

Ac, Ac, Ac.

Dated March 7th.

Recd.

Evot.

G. O., 7th March 1872, No. 403.

MARCH.

Nos. 83-84.

Cinchona Bark for England.—Letter from
the Government Quinologist, reporting on its
analysis, ordered to be forwarded to the Secretary
of State.

contain 10% of water although air-dried bark. The amount of alkaloid contained in the average specimen of each bark is as follows, when expressed in percentages of quite dry bark.

	Crown Bark	Unmossed Red Bark	Mossed Red Bark
Total Alkaloids	4.02	6.60	7.80
Quinine	2.43	1.49	1.64
Cinchonidine & Cinchonine	1.59	5.11	6.16
Pure Sulphate of quinine obtained crystallized	2.43	0.84	0.92
Other Sulphates obtained crystallized	1.10	4.45	4.74

The mossed red bark is from the oldest trees and has been long under moss. The unmossed red bark is from the upper part of the trunks of same trees. The crown bark is from the Keddianthum plantations, and comes frequently though good, not our best quality.

I have the honor to be,
Sir,
Your most obed^t Serv^t

John Beaglehole.
Genl Quinologist

No 83-84

Received 1872 Oct 4th
From

The Genl. Quartermaster
Department

Chas.

To. The Genl. Quartermaster
Secretary to Genl.
and Major

Noted 26th
Recd 22nd Nov.

Handwritten of 13th
being sent to England.
Oct 10th 1872
At the office of the

No 83-84

Received 1872 Oct 4th
From

The Genl. Quartermaster
Department

Chas.

To. The Genl. Quartermaster
Secretary to Genl.
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