

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	869	Press Mis.
Dated	15-6-59	13-6-1820 IN.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
13th June 1870.*

Read the following papers:—

No. 156. From the Officiating Conservator of Forests, to the Acting Under-Secretary to Government, Revenue Department, dated camp at Ootacamund, 19th April 1870, No. 2,067.

In acknowledging the receipt of the Proceedings of Government, No. 527, of the 13th instant, I have the honour to inform you that the *Gajga* or *Cesalpinia bonduc* (Linn), of which pods were forwarded to Mr. Broughton, is very common in many parts of our Presidency, particularly so about the back-waters on the Western Coast, where the plant is known by the native name of *Kalichi*. The nuts are used by the Natives as a febrifuge and tonic. They have been analysed, and are said to contain oil, starch, sugar, and resin. At Mr. Broughton's request I am procuring him a few pounds of the seed.

No. 157. From the Inspector-General, Indian Medical Department, to the Secretary to Government, Revenue Department, Fort Saint George, dated 23rd April 1870, No. 100.

I HAVE the honour, with reference to paragraph 2 of Proceedings of Government, Revenue Department, and Order thereon, No. 527, of 13th April 1870, to inform you that the plant (*Cesalpinia bonducella*) therein referred to is widely diffused in Southern India, and very common in Mysore and the Deccan.

2. The seeds are frequently used by Natives for the relief of malarious fever. European practitioners have also tried both seeds and roots as a febrifuge with satisfactory results.

No. 158. From the Government Quinologist, Ootacamund, to the Acting Secretary to Government, Revenue Department, Fort Saint George, dated 27th May 1870.

I HAVE received G. O., No. 527, of the 13th of April 1870, and the enclosed papers on the subject of Lata seed.

2. The shrub that produces the *Bonduc* nuts, (as they are called in this Presidency,) is well known, and the nuts are to be had in every bazaar. From inquiries I made in 1868 I was not led to form a high opinion of their medical efficiency as a febrifuge.

3. I have examined the nuts chemically; they contain no special crystalline principle. Their bitterness is due to the presence of an oil which will be found to possess in a concentrated degree any therapeutic virtues possessed by the nuts. I find this oil to be readily extracted by carbonic disulphide.

4. I have the honour to forward a sample of this oil for medical trial. On the datum given in Mr. Houghton's letter that a single nut is a dose, a dose of this oil should consist of 3 grains. The quantity sent will furnish 300 doses.

5. The oil on saponification yields a peculiar fatty acid, related to olric acid, on which doubtless depends its special properties. This acid, however, is unfitted for medical use, since it rapidly oxidizes when exposed to the air. Hence the oil

*Proceedings of the Madras Government, Revenue Department,
13th June 1870.*

alone is suitable for use as a medicine. The separation of the acid in a pure state would be a work of very great labour, and would require large quantities of oil. I shall therefore defer attempting it until the efficiency of the medicine has been proved.

6. Further quantities of oil can be supplied when required. I have the honour to request that I may be informed of the result of its trial.

No. 159. ORDER THEREON, 13th June 1870, No. 867.

Forests, No. 8.

THE sample of oil, received from Mr. Broughton, will be forwarded to the Government of India in compliance

with their letter, dated 9th February 1870, No. 769.

2. The following letter will be despatched to the Government of India:—

(Here enter No. 868, dated 13th June 1870.)

(True Extract.)

(Signed)

R. A. DALYELL,

Acting Secretary to Government.

To the Officiating Conservator of Forests.
„ J. Broughton, Esq.

No.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA.

Home Department.

Sir,

I am directed to forward for the information of H.E. the Viceroy in Council the marginally noted enclosures relating to the therapeutic properties of the plant referred to in your letter dated 9th February 1870, N^o 469.

2. The oil obtained from the nuts by the Gov^t Quinologist has been forwarded to the Inspector General, India Med^l Dpt for experiment, and his report, when received, will be communicated to the Gov^t of India.

W. H. R.

From the Off^{ce} of Secy of Forests
 of 19th April 1870 N^o 2264
 Insp^r Gen^l Ind^{ia} Med^l Dpt
 of 23rd April 1870 N^o 100
 Mr. Broughton, Gov^t Quinologist
 of 27th May 1870.

J. D. S.

We the send it to King & Co trial & etc.

Cost. of 118703 3/4

REVENUE.

THE OFFICIATING CONSERVATOR OF FORESTS.

cc, cc, cc.

Patel June 1870.

Recd.

G. O. 13th June 1870, No. 807.

JUNE.
Nos. 156-159.

Cordia alliodora plant. — The sample of oil extracted from its nuts ordered to be sent to Government of India.

No.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the

June 1870.

Read the following Papers:—

From the Offg. Consr. of Forests
Reporting upon the plant
called Gajga, or Casalpinia Bourne

H.E. 19: April 1870 No 2067

From the Insp. Genl. Ind. Med. Dept.
Stating that the plant Casalpinia
Bourne is widely diffused in
Southern India used as a febrifuge

" 23: April 1870. No 100.

M. J. Broughton
From the Govt. Zoologist.
Advising despatch of Oil
from Lata Seed.

" 27: May 1870

J. D. S.

The sample of oil received
from M. Broughton will be for-
warded to the Govt. of India
in compliance with their letter dated
12th Feb. 1870. No 169
specimens for its therapeutic
properties.

2. The following letter will
be despatched to the Govt. of
India.

(Here enter ...)

J. D. S.

He

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 13th June 1870.

Read the following Papers.

- From the Offs. of Forests. } N.E. 19th April 1870 No 2564.
Reporting upon the plant called
Gajja or Casulpinia Bouduc.
- From the Insp. Genl. Ind. Med. Dpt. }
Stating that the plant Casulpinia
Bouducella is widely diffused in the
India used as a febrifuge. } " 23rd April 1870. No 100.
- From Mr. J. Broughton, Gov. Trinidad. }
Advising despatch of oil from
Lala Seed. } " 27th May 1870.

The sample of oil
received from Mr. Broughton
will be forwarded to the Govt.
of India in compliance with
their letter dated 9th Feb^y 1870.
No 469.

2. The following letter will
be despatched to the Govt. of

India. / Here enter /

Mr.

J. D.

13th June 1870
J. D. Broughton, Esq.
Off. Secy. to the Govt. of India

W. H. Bell

Under the
Main title according
standing order for
line, and sent to
Bengal.
Revised according