

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	1451	Press
		<i>M</i>
174-75 Dated	13-9-	1870

Not to be folded or roughly handled

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

No. 174. Read the following letter from J. W. BREEKS, Esq., Commissioner of the Neilgherries, to the Acting Secretary to Government, Revenue Department, dated Ootacamund, 4th August 1870, No. 38:—

REFERENCE to Proceedings of Government, dated 8th June 1870, and Order thereon, No. 845, directing me to furnish the information called for in paragraph 3 of Secretary of State's despatch of 20th April 1870, No. 11, regarding certain Ipecacuanha plants, also to Proceedings of Government, dated 18th July 1870, and Order thereon, No. 1,103, forwarding a letter from Mr. Broughton, the Government Quinologist, with an enclosure to be embodied with Mr. McIvor's report on the Ipecacuanha plants.

* Dated 28th July 1870.

† Mistake apparently for 1867, see paragraph 4, Mr. Broughton's letter to the Acting Secretary to Government, Revenue Department, 16th December 1869, in Proceedings of Government, Revenue Department, 21st December 1869, No. 300.

2. Mr. McIvor's report,* herewith forwarded, states that three Ipecacuanha plants have been introduced into this Presidency, viz., one by Mr. Broughton in April 1866,† and two by Mr. McIvor in December 1867.

These three plants were brought to the Ootacamund Botanical Gardens, and have been increased to thirteen by the root-cutting process described in Mr. McNab's pamphlet.

‡ Ootacamund, between 7 and 8,000 feet high; average rainfall, about 45 or 50 inches; mean temperature, about 60° F.
§ In Malabar about 4 or 500 feet above sea-level; rainfall between 80 and 90 inches.

3. The plants have made unsatisfactory growth at this elevation‡

4. Three of the plants were taken to Nellumbur§ by Mr. Broughton in January last, and arrived in good condition.

The Assistant Conservator of Forests at Nellumbur took charge of the plants and hand-watered them daily during the dry season.

In March one of the plants died, and the other two are said to have produced flowers, which dropped off as soon as blown, so that the seed was lost. Since the rains set in the two plants are said to have very much improved.

5. Of the ten plants remaining in the Ootacamund gardens three were sent to Devi Shola, where Messrs. Money, Wauchope and Co. have a large Cinchona plantation about ten or twelve miles to the south of Ootacamund and at a somewhat lower elevation. The plants there also "remain stunted and of unsatisfactory growth."

6. Mr. McIvor thinks the climate of Malabar and the damp slopes of Wynad may be better suited to the plant than the Neilgherries, and he intends trying three of the plants on the lower|| slopes of the Government Neddivuttam Cinchona Plantation and three on the eastern slopes of the Neilgherries, where the rainfall may be fifty or sixty inches.

|| Perhaps 3 or 4,000 feet above sea-level, and 100 inches rainfall.

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

ENCLOSURE No. 1.

From W. G. McIVOR, Esq., Superintendent, Government Cinchona Plantations, to the Commissioner of the Neilgherries, dated Ootacamund, 28th July 1870, No. 198.

With reference to the Order of Government of 8th June 1870, No. 845, and your letter, No. 145, of the 27th instant, I have the honour to state, with reference to paragraph 3 of the despatch from the Right Honourable the Secretary of State for India, under date 20th April 1870, No. 11, that only three Ipecacuanha plants were introduced to these gardens, viz., one brought out by Mr. Broughton from Kew and received here in April 1866, and two plants brought out by me in December 1867. We have increased these plants to thirteen in number by root-cuttings as described by Mr. McNab in the pamphlet referred to in the Secretary of State's despatch.

2. As this climate is too cold for the successful growth of the Ipecacuanha, some plants were sent to Devi Shola, where they remain stunted and of unsatisfactory growth. Three plants were sent to Nellumbur in January last, and there they seem to be thriving well. The climate of Malabar and the damp slopes of the Wynnad Hills appear to be much better suited for the cultivation of Ipecacuanha than the Neilgherries.

3. We have still seven plants in the gardens here; these plants continue to make very unsatisfactory growth, and I have, therefore, resolved to plant out three plants on the lower and damp slopes of the Neddivuttum plantations and three plants on the warm slopes of the eastern side of the hills.

4. All the localities where the plants have hitherto been tried on the Neilgherries appear to have been too high and too cold.

No. 175. ORDER THEREON, 13th September 1870, No. 1,451.

Miscellaneous.

THE Government approve the measures which Mr. McIvor proposes to take for preserving the still existing

Ipecacuanha plants by changing their site. In the event of the Burliar garden becoming the property of Government the plant should be tried there.

2. The results of the Ipecacuanha cultivation in this Presidency will be reported to the Secretary of State.

(True Extract.)

(Signed) H. E. STOKES,

Under-Secretary to Government.

To the Commissioner of the Neilgherries.

Esq. A. S. Rodgers.

No 198

Government Gardens
Ottawa 28th July 1870

The Superintendent
Government Chincona Plantations

To
J. W. Brooks Esq.
Commissioner of the Railways
Ottawa

Sir,
With reference to the Order of Government
of 8th June 1870, No 845, and your letter of
the 27th instant, I have the honor to
state with reference to para 3 of the Dispatch
from the Right Hon^{ble} the Secretary of
State for India, under date, 20th April 1870,
No 11, that only 3 Specacuanha plants
were introduced to these gardens. viz. 1 brought
out by Mr Broughton from Here and received
here in April 1866, and 2 plants brought out
by me in December 1867. We have increased
these plants to 13 in number by root cuttings
as described by Mr M. K. in the pamphlet
referred to in the Secretary of State's
Dispatch.

As this climate is too cold for the
successful growth of the Specacuanha, some
plants were sent to Deva Shola where they
remain stunted and of unsatisfactory growth.

14-6-17
By Order of the
Commissioner of the
Railways

Govt. of 1870

REVENUE.

THE COMMISSIONER OF THE

RAILWAYS.

Dated September, 1870.

Recd

Encl

G. O. 1507 September 1870, No. 1,451.

SEPTEMBER.
Nos. 174-175.

Specacuanha Plant. - Means proposed
by Mr. M. K. for preserving the existing plants
by changing their site at present, and the results of
their cultivation ordered to be reported to the
Secretary of State.

3 plants were sent to Kellumbor in January last, and there they seem to be thriving well. The climate of Malabar and the damp slopes of the Wynaud Hills appear to be much better suited for the cultivation of *Speaenantha* than the Kilyherries.

3 We have still 7 plants in the gardens here, these plants continue to make very unsatisfactory growth, and I have therefore resolved to plant out 3 plants on the lower and damp slopes of the Neddivattum Plantations, and 3 plants on the warm slopes of the Eastern Side of the Hills.

4 All the localities where the plants have hitherto been tried on the Kilyherries appear to have been too high and too cold.

I have the honor to be
Sir,
Yours most obedient Servant,

J. B. M. Esq.

Supt. Govt. Chunchona Plant.

No. 21 Dummer St. 8-200-207
8-200-207
- 18-200-207 - 105-105
- 18-200-207 - 185-187.

From Rev. 1070 Sept 18
The Commissioner
Kilyherries

To
The Secretary
Government
Revenue Dept.

Dated 4th August 1870
Received 8th August 1870
N. 38

Enclosure 10

Recd. 1451. 13 Sept 1870

Forwards Report
from Mr. McJor
on *Speaenantha*
Plants with the
Companion
Remarks

N^o 1451

R.D.

Proc. of the Madras Govt.

Under date the 13th Sept 170

Recd the following
letter from the Commr.
of the Nilgherries.

(M.E. 4th Divⁿ 170/38)

The Govt approve
the measures which
Mr. M. Ivor proposes
to take for preserving
the still existing Spe-
cacuanha plants
by changing their
site.

2. The results of
the Speccacuanha
cultivation in this
Presidency will be
reported to the Secy.
of State.

J. D. L. N.
By A

I would add.
In the event of the
Commissioner finding
the present of the
plant in the
best time.