M.R.O. 1—77,006—8-6-51.

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(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 670 Press Mis.

Dated 16-6- 1880.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

16th June 1880, No. 670.

No. 170. READ THE FOLLOWING PAPER:—

From R. W. BARLOW, Esq., Commissioner of the Nilgiris, to C. G. MASTER, Esq., Secretary to Government, Revenue Department, dated Ootacamund, 14th April 1880, No. 15.

WITH reference to G.O., No. 1,223, dated 3rd instant, I have the honor to enclose copy of a letter from the Superintendent of the Government Botanical Gardens reporting the death of the six plants of Chinchona Calisaya "Santa Fé" brought out from England by Mr. Biermann. I much regret the failure, but every care appears to have been taken by Mr. Jameison.

2. With reference to the latter part of paragraph 5 of the Superintendent's letter, I would suggest that Government communicate with the authorities at Kew, in view to obtaining another supply of plants of this variety.

3. February and the beginning of March is the coolest time in the Red Sea; plants so despatched, however, have the disadvantage of leaving England in the winter; but perhaps this may not matter as they are raised in glass-houses with a regulated temperature.

ENCLOSURE No. 1.

From A. JAMEISON, Esq., Superintendent, Government Botanical Gardens, to R. W. BARLOW, Esq., Commissioner of the Nilgiris, dated Ootacamund, 9th March 1880, No. 477.

ADVERTING to my letter, No. 343, dated 10th December last, I have the honor to report with regret that the six plants of Chinchona Calisaya "Santa Fé" therein referred to have all died, notwithstanding that the utmost care was bestowed on them.

2. From the annexed copy of a letter from the late Mr. Biermann (who brought the plants from England to Ootacamund), it will be observed that he entertained little hope of them, but as stated in my letter above quoted, "I hoped with care to save at least two of them". The four most sickly plants died before Mr. Biermann left Ootacamund, and one of the two stronger looking plants died shortly afterwards. The remaining plant never made a start, but continued in the same state in which it arrived up to the end of February, when it suddenly shrivelled at the collar and died.

3. On examining the roots and stem of this plant under the microscope I found them covered with a minute white fungus; whether this fungus was originally in the soil in which the plants were potted, or was generated by the changes of temperature to which the plants were subjected during their journey from England to Ootacamund, I am not prepared to say, but I think it almost certain that the fungus was the immediate cause of their death.

4. The plants received my constant care and attention from the day they arrived, and every thing was done that could possibly be done under the circumstances to save them but without success.

5. I regret very much the entire loss of these valuable plants, as it is the first instance in which I have failed to save some portion of a case of imported plants, even although they have frequently arrived in a very sickly condition. I trust Government will communicate with the authorities at Kew, with a view to obtaining another case, if possible, of stronger and better rooted plants than the last.

ENCLOSURE 1 in No. 1.

From A. BIERMANN, Esq., to R. W. BARLOW, Esq., Commissioner of the Nilgiris, dated Ootacamund, 5th December 1879.

I BEG to inform you that I have brought Chinchona plants for the Government plantations. The plants (six) began suffering in the Red Sea, although every care was taken to get them in a fair condition to Ootacamund. I fear their recovery is doubtful though not impossible.

No. 171. ORDER THEREON, 16th June 1880, No. 670.

Miscellaneous.

ORDERED to be communicated to the Secretary of State, with reference to Lord Cranbrook's despatch, dated 4th March last, No. 14.

(True Extract.)

(Signed) C. G. MASTER,
Secretary to Government.

To the Commissioner of the Nilgiris.

Exd. F. R. Bantleman.

40 Copies.

Original

Govt. of {1880} Madras.

REVENUE.

To

THE COMMISSIONER OF THE NILGIRIS.

Dated June 16th.

Printed 24th.

Read. *Encl.*

G.O., 16th June 1880, No. 670.

JUNE.

Nos. 170-171.

20608

Death of six Plants of Chinchona Calisaya "Santa Fé" brought out from England.—Ordering that the letter from the Commissioner of the Nilgiris reporting the — be communicated to the Secretary of State, with reference to Lord Cranbrook's despatch, dated 4th March last, No. 14.

The remaining plant never made a start but continued in the same state in which it arrived up to the end of February, when it suddenly shrivelled at the collar and died.

3. On examining the roots and stem of this plant under the microscope I found them covered with a minute white fungus whether this fungus was originally in the soil in which the plants were potted, or was generated by the changes of temperature to which the plants were subjected during their journey from England to Ootacamund. I am not prepared to say but I think it almost certain that the fungus was the immediate cause of their death.

4. The plants received my constant care and attention from the day they arrived and every thing was done that could possibly be done under the circumstances to save them but without success.

5. I regret very much the entire loss of these valuable plants, as it is the first instance in which I have failed to save some portion of a case of imported plants, even although they have frequently arrived in a very sickly condition. I trust Government will communicate with the authorities at Kew with a view to obtaining another case if possible of stronger and better rooted plants than the last.

I have the honor to be
Sir
your most obt servant
(Signed) A. Jamieson
Superintendent

Ootacamund.
5th December 1879.

To
The Commissioner
of the Nilgiris

Sir

I beg to inform you that I have brought Cinchona plants for the

the Government plantations. The plants
16/ began suffering in the red sea,
although every care was taken to
get them in a fair condition to
Ooty. I fear their recovery is doubt-
-ful though not impossible.

I have &c
Signed A. Bierman.

/True Copy/

H Woodcock
Commissioner

Received 19th April

19

COMMISSIONER'S OFFICE,

Ootacamund 14th April 1870.

No. 75

FROM R. H. Barlow Esqr.
COMMISSIONER, NILGIRIS.

TO The Secretary to Government
Revenue Department
Ootacamund.

SIR,

With reference to G. O. No. 1223
dated 3rd instant, I have the honor
to enclose copy of a letter from the
Superintendent of the Government
Botanical Gardens, reporting the
death of the 6 plants of Chinchona
Calisaya "Santa Fe" brought out
from England by Mr. Bierman.
I much regret the failure, but
every care appears to have been
taken by Mr. Jamieson.

2. With reference to the latter part
of para 5 of the Superintendent's
letter I would suggest that
Government

Government Communicate with the authorities at Kew, in view to obtaining another supply of plants of this variety.

3. February and the beginning of March is the coolest time in the Red Sea; plants so decayed Lowered, have the disadvantage of leaving England in the Winter, but perhaps for this may not matter as they are raised in Glass houses, with a Regulated temperature.

I have the honor to be
Sir
Your most Obed.t Servant
W Hooker
Commissioner

R 2 157

L.O. No. 670 of 16 June 1880

From Consul Nelspruit
16 April 80. Reports
the death
of the Plants of Lindsaea
Santa Fé

C. No. 2268.

Ordered Blue
Communicated to the
Sec: of State with
Sec: of State's
despatch of Lord Cranbrooks
despatch d: 4 March
last No 14.

Lal
17

To Sec of State.

My Lord Marquis
with Refce to
Lord Cranbrooks
despatch of the 4th
March last No. 14
inquiring as to
the Botanical

1 Sobh. Commissioner's Telegram of 10 June 1880

Minute

No. 670.

Sir 3. 4. 80 & 1223 Encl

Received 1880.

No. 15. Nelspruit

Date— 14 April 1880

Received 16 June 1880

COMMISSIONER'S OFFICE,
Obtacamund.

To

The Secretary to Govt
Revenue Dept
Ootacamund

Enclosures 1

Subject— Nelspruit 1880

SUBJECT.

Enclosing a copy
of a letter from the
Superintendent Government
Botanical Gardens
reporting the death of
the 10 chinchona plants
brought out from England

Minute

Sir

C.S./S.P.
Ellis 8/5/80

Q.U.S.

this Plants
Cinchona, Calisaya, Santa Fé
despatched to
Botacaumund under
the charge of Mr.
Bierumann but
have the honor
to forward the
accompanying
report from the
Comptr. Nilgiris
stating that
the Plants arrived
in a sickly
condition & have
all since died

Sd

Received
16 June
1880

Rente-

16-6-80
Revenue-Department
Rec: Book: 16-6-80
No 690

PRINT
18-6-80

Circ:

C31.5
K14.5 Bdo

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