Submitted to Government

M.R.O. 1—77,006—8-6-37.

(1) Number of pages 10

(2) Date of repair 15-6-38

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 964 Press / Mis.

Dated 10-9-1878.

Not to be folded or roughly handled

No. 65. Read the following letter from J. R. COCKERELL, Esq., Commissioner of the Nilgiris, to the Hon. R. A. DALYELL, Acting Secretary to Government, Revenue Department, dated Ootacamund, 1st September 1873, No. 40 :—

I HAVE the honour to forward Mr. McIvor's report on the number, distribution, and condition of Cinchona plants on the Nilgiris for the half-year ending 31st July 1873.

2. During the period under report ten thousand nine hundred plants of the new varieties, known as the *C. angustifolia* and *C. Pitayensis*, have been planted out on the Hooker Estate.

3. 43,753 lbs. of green bark were supplied to Mr. Broughton at Neddiwuttum and 23,646 lbs. of dry bark were shipped for sale in the home market.

ENCLOSURE No. 1.

Report on the Number, Distribution, and Condition of Cinchona Plants on the Nilgiris for the half-year ending 31st July 1873.

No. of Species.	Botanical Names.	Commercial Names.	No. of Plants.	Value per lb. of dry bark in the London Market.
				s. d. *s. d.*
1	C. Succirubra	Red bark	1,215,963	2 6 to 8 9
2	,, Calisaya	Yellow bark	54,881	2 10 to 7 0
	,, ,, var Frutex			
	,, ,, var Vera			
3	,, officinalis	.....	.....	....
	,, var Condamenia	Original loxa bark ...	1,183,159	2 10 to 7 0
	,, ,, Bonplandiana	Select crown bark ...	87,509	2 10 to 7 0
	,, ,, Crispa	Fine crown bark ...	4,355	2 10 to 6 0
4	,, lancifolia	Pitayo bark	279	1 8 to 2 10
5	,, Nitida	Genuine grey bark ...	2,786	1 8 to 2 9
6	,, species without name	Fine grey bark ...	8,500	1 8 to 2 10
7	,, Micrantha	Grey bark	46,730	1 8 to 2 9
8	,, Peruviana	Finest grey bark ...	3,389	1 8 to 2 10
9	,, Pahudiana	Unknown	425	Unknown.
10	,, lanceolata-leaved var of C. officinalis	.....	9,625	Do.
11	,, Pitayo raised from imported seeds ...	.....	25,336	Do.
12	,, ,, plants brought out by Dr. Simpson	.....	76	Do.
	Total number of Plants...	.....	2,643,013	

Table showing the Growth of the different Species of Plants planted out in the Plantations for the half-year ending 31st July 1873.

No. of Plants.	Species.	Where planted.	When planted.	Maximum growth.	Average growth.	Height of the tallest Tree.	Girth near the ground.
				IN.	IN.	FEET.	
12	C. Succirubra...	Neddiwuttum.	30th Sept 1862.	14	7½	31½	23
12	C. Micrantha	do.	do.	14	6	28½	32¼
12	C. officinalis.	Dodabetta.	30th Sept 1863.	20	10	24½	17½

Table showing the Propagation and Distribution of Plants and Seeds during the half-year ending 31st July 1873.

Date.	Total Number of Plants propagated.	Total Number of Plants permanently planted out.	Total Number of Plants distributed to private Individuals.	Total Quantity of Seeds distributed in Ounces.
February 1873	356	.....	.....	
March ,, ...	440	.....	.....	¼
April ,, ...	691	.....	.....	...
May ,, ...	431	.....	.....	...
June ,, ...	1,110	.....	.....	4
July ,, ...	700	10,900	.....	9
Total...	3,728	10,900	.. ..	13¼
Previously...	2,639,285	1,170,029	193,467	407½
Grand Total...	2,643,013	1,180,929	193,467	420¾

Remarks.—The total number of plants propagated is three thousand seven hundred and twenty-eight, namely, two thousand three hundred and thirty-three of *C. Pitayensis* and one thousand three hundred and ninty-five of *C. angustifolia* (var lanceolata).

The new varieties of plants planted out on the Hooker plantation at Pykara are six thousand two hundred and fourteen of *C. angustifolia* and four thousand six hundred and eighty-six of *C. Pitayensis*, making a total of ten thousand nine hundred.

Thirteen and-a-quarter ounces of Cinchona seeds have been gratuitously distributed to the public.

Four hundred and forty-two and-a-quarter lbs. of green tea leaf have been supplied to Captain Jennings.

The green Cinchona bark supplied to the Government Quinine Manufactory at Neddiwuttum from 1st April to 31st July 1873, is as follows :—

Green trunk bark	lbs.	11,138
,, branch ,, ...	,,	30,021
,, renewed ,, ...	,,	2,594
Total...	,,	43,753

23,646 lbs. of dry Cinchona bark have been despatched to England for sale in the home market.

Ootacamund,
28*th August* 1873.

(Signed) W. G. McIVOR,
Supt., Govt. Cinchona Plantations.

No. 66. Order thereon, 10th September 1873, No. 964.

Miscellaneous.

Ordered to be forwarded to the Secretary of State, to the Supreme Government and other Governments in India, to the Superintendent of the Cinchona Plantations in Java, and to Mr. W. F. M. Dennison, Batavia, Java.

2. A copy will also be laid on the Editors' table.

(True Extract.)

Acting Secretary to Government.

To the Commissioner of the Nilgiris.
,, the Superintendent Cinchona Plantation, Java.
,, the Superintendent Government Central Museum.
,, the Inspector of Forests.
,, the Board of Revenue.
,, the Government Quinologist.
,, the Editors' Table.

Exd. F. R. Bantleman.

Govt. of [1873] Madras.

REVENUE.

To

THE COMMISSIONER OF THE NILGIRIS, &c., &c., &c.

Dated September 10th.

Read.

Enclosure.

G. O., 10th September 1873, No. 964.

SEPTEMBER.
Nos. 65-66.

Cinchona.—Ordering the distribution of Mr. McIvor's report on the number, distribution and condition of — for the half-year ending 31st July 1873.

Report on the Number, Distribution & Condition of Chinchona plants on the Neilgherries for the Half. year ending 31st July 1873

Nos of Species	Botanical names	Commercial names	Nos of plants	Value per lb of Dry Bark in the London Market.
				s. d. s. d
1	C. Succirubra	Red Bark	1,215,963	2 6 to 8. 9
2	C. Calisaya			
"	" — " var: Intea	Yellow Bark	54,881	2. 10 to 7 "
"	" — " var: Vera			
3	C. Officinalis			
	" — " var: Condamenia	Original Loxa Bark	1,183,159	2. 10 to 7 "
	" — " var: Bonplandiana	Select Crown Bark	87,509	2 10 to 7 "
	" — " var: Crispa	Fine Crown Bark	4,355	2 10 to 6 "
4	C. Lancifolia	Pitayo Bark	279	1 8. to 2. 10
5	C. Nitida	Genuine Grey Bark	2,786	1. 8 to 2. 9
6	C. species without name	Fine Grey Bark	8,500	1 8 to 2. 10
7	C. Micrantha	Grey Bark	46,730	1. 8 to 2. 9
8	C. Peruviana	Finest Grey Bark	3,389	1. 8 to 2. 10
9	C. Pahudiana	Unknown	425	Unknown
10	C. Lanceolata-leaved var: of	C. officinalis	9,625 ×	"
11	C. Pitayo raised from imported seeds		25,336 ×	"
	Do plants brought out by	Dr Simpson	76	"
		Total number of plants	2,643,013	

Table shewing the growth of the different species of plants planted out in the Plantations for the Half. Year ending 31st July 1873

Nos of plants	Species	Where planted	When planted	Maximum growth	Average growth	Height of the tallest tree.	Girth near the ground.
				Inches	Inches	Feet	
12	C. Succirubra	Neddivattum	30th Sept: 62	14	7½	31⅓	28
12	C. Micrantha	Do	Do	14	6	28½	32¼
12	C. Officinalis	Dodabetta	30th Sept: 63	20	10	26½	17½

Table shewing the Propagation and Distribution of Plants and Seeds during the Half-Year ending 31st July 1873.

Date	Total No. of plants propagated.	Total No. of plants permanently planted out.	Total No. of plants distributed to private individuals.	Total quantity of seeds distributed in pounds
Febmary 1873	356	"	"	"
March "	440	"	"	"
April "	691	"	"	"
May "	431	"	"	"
June "	1110	"	"	"
July "	700	10,900	"	9
Total	3728	10,900	"	13¾
Previously	2,639,285	1,170,029	193,467	407½
Grand Total	2,643,013	1,180,929	193,467	420¾

Remarks. The total number of plants propagated is Three thousand Seven hundred and Twenty eight - viz^t. Two thousand three hundred and thirty three of C. Pitayensis, and One thousand three hundred and Ninety five of C. Angustifolia (var Lancifolia)

The new varieties of plants planted out on the Hooker Plantation at Pykara are Six thousand two hundred and fourteen of C. Angustifolia, and four thousand Six hundred and eighty six of C. Pitayensis. making a total of ten thousand nine hundred.

have been [illegible] marketable quantities of Chinchona seeds [illegible] the public.

[illegible] a quarter lbs of fresh leaf [illegible] Jennings [illegible] the Govt. Quinine [illegible] to the Govt. 31st Ju[illegible] 1st April to

23,646 lbs of dry Chinchona Bark have been despatched to England for sale in the home market

Govt. Gardens
Ootacamund
28th August 1873

W. M. Dow

Supt. Govt. Chinchona Plantns

Table shewing the Propagation and Distribution of Plants and Seeds during the Half-Year ending 31st July 1873.

Date	Total No. of plants propagated.	Total No. of plants permanently planted out.	Total No. of plants distributed to private individuals.	Total quantity of seeds distributed gratis
Febmary 1873	356	"	"	
March "	440	"	"	1/4
April "	691	"	"	"
May "	431	"	"	"
June "	1110	"	"	"
July "	700	10,900	"	4
Total	3728	10,900	"	9
Previously	2,639,285	1,170,029	193,467	13 1/4
Grand Total	2,643,013	1,180,929	193,467	407 1/2

Remarks. The total number of plants propagated is Three thousand Seven hundred and Twenty eight - viz: Two thousand three hundred and thirty three of C. Pitayensis, and One thousand three hundred and Ninety five of C Angustifolia (var Lancifolia)

The new varieties of plants planted out on the Hooker Plantation at Pykara are Six thousand two hundred and fourteen of C. Angustifolia, and four thousand Six hundred and Eighty Six of C. Pitayensis. making a total of ten thousand nine hundred.

Thirteen and a quarter ounces of Chinchona seeds have been gratuitously distributed to the public.

Four hundred & forty two and a quarter lbs of green tea leaf have been supplied to Capt Jennings

The green Chinchona Bark supplied to the Govt Quinine Manufactory at Neddivuttum from 1st April to 31st July 1873 is as follows:-

Green Trunk bark lbs	11,138
" Branch " "	30,021
" Rumved " "	2594
Total lbs	43753

23,646 lbs of dry Chinchona Bark have been despatched to England for sale in the home market

Govt Gardens
Ootacamund
28th August 1873

W. S. M. Lawson
Supt. Govt. Chinchona Plantns

Relations & Letter to Commissioner of Police 1873

Commissioners office

No. 40 Ootacamund 1st September 1873

From

J. R. Cockerell Esqre
Commissioner Nilgiris

To

The Secretary to Government
Revenue Department
Ootacamund.

Sir

I have the honor to forward herewith my Years Report on the number, distribution, and condition of Cinchona Plants on the Nilgiris for the Staff Year ending 31st July 1873.

2 During the period under Report Ten thousand, nine hundred plants of the Crown varieties known as the C. Angustifolia and C. Pitayensis have been planted out on the Hooker Estate.

3. 43753 lbs of Green bark were supplied to the Bangalore at Rs 1 per cwt and 23646 lbs of dry bark were shipped for sale in the Home Market.

I have the honor to be
Sir
Your most Obedient Servant

E. R. Cockerell
Commissioner

T. G. D

Revenue 1873 Dept.
No. 40
Date— 1st September 1873.
No. 2666

Commissioner's Office,
Ootacamund.

To

The Secretary to Govt
Revenue Department.

Received 2nd September Ootacamund

Enclosures.
1 Cinchona Ck

SUBJECT.
GOs 10 September 1873 No. 964
Submitting for Dr. Cross's Report
on the number, distribution
and condition of Cinchona
plants for the half year
ending 31st July 1873.

Ord Secy

Mr Acker

C. 5 Sept: 73 & 10 Sept.

Revd

No. 964.

Ordered to be forwarded to the Secretary of State, to the Supreme Govt. and other Govts in India, to the Supt. of the Cinchona Plantations in Java, and to Mr. W. J. M. Denmeer, Batavia, Java.

A copy will also be laid on the Editors' Table.

10

To Commissioner of Nilgiris
Supt Cinchona Plantations Java 3
Supt Govt Central Museum
Inspector of Forests
Board of Revenue 10 Sept. 73
Govt Lunatic Asylum
Editors Tables

10
10

Ord 24-9-73