No. 514. Read the following letter from the Acting Superintendent of Government Chinchona Plantations, to the Secretary to Government, Revenue Department, Fort Saint George, dated Ootacamund, 21st August 1867, No. 114 :—

I have the honor to forward herewith the half-yearly Report on the growth and condition of Chinchona plants on the Government plantations, as directed in G. O. No. 489, dated 28th February 1867.

Report on the number, distribution, and condition of Chinchona plants on the Neilgherries for the half-year ending 31*st July* 1867.

Species.	Botanical names.	Commercial names.	No. of plants.	Value per lb. of dry bark in the London Market.	Remarks.
				s. d. s. d.	
1	C. Succirubra ...	Red Bark	962,925	2 6 to 8 9	The number of plants permanently planted out in the plantations is 339,701, making the total 740,912.
2	,, ,, C. Calisaya }				
I	,, ,, Pentex }	Yellow Bark	40,421	2 10 to 7 0	
II	,, Vera				
3	C. Officinalis				
I	,, ,, var. Condamenia	Original Loxa Bark.	861,183	2 10 to 7 0	
II	,, ,, var. Bomplandiana.	Select Crown Bark.	87,509	2 10 to 7 0	
III	,, ,, var. Crispa ...	Fine Crown Bark ...	4,380	2 10 to 6 0	
4	C. Lancifolia ...	Pitayo Bark	304	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	15,141	1 8 to 2 9	
8	C. Peruviana... ...	Finest Grey Bark ...	3,389	1 8 to 2 10	
9	C. Pahudiana ...	Unknown	425	Unknown.	
		Total number of plants .	1,986,972		

The increase by propagation is 179,280 plants, the monthly average being 29,880, making the total 1,986,972.

The plants of all the species of Chinchona still continue to grow luxuriantly; the oldest plants of C. Succirubra have this year again produced a large quantity of good seeds, and are now blooming freely. C. Micrantha has also produced seeds in equal abundance and of good quality. The varieties of C. Officinalis have a considerable quantity of seed on the plants.

TABLE shewing the growth of the different species of plants planted out in the plantations for the half-year ending 31*st July* 1867.

No. of plants.	Species.	Where planted.	When planted.	Maximum growth.	Average growth	Height of the tallest tree.	Girth near the ground.
				Inches.	Inches.	Feet.	Inches.
12	Chinchona Succirubra.	Neddivuttam.	30th Aug. 1862.	30½	12½	16½	20
12	Micrantha.	Do.	1862.	16	8½	17½	10½
12	Officinalis.	Dodabetta.	30th Sept 1863.	7½	0½	1½	8

Table shewing the propagation, distribution, &c., of plants and seeds during the half-year ending 31st July 1867.

Date.	Total number of plants propagated.	Total number permanently planted out.	Total number of plants distributed to private individuals.	Total quantity of seeds distributed.
1867.				Oz.
February ...	25,000	.....	100	½
March	12,410	.....	200	1¼
April	35,880	156,340	.....	.....
May	30,360	.....	141	5
June	27,270	183,361	.....	6¼
July	48,360		2,170	.....
	179,280	339,701	2,611	14
Previously ...	1,810,303	401,211	125,747	20
Grand Total ...	1,989,583	740,912	128,358	34

The south-west monsoon of this year has been characterized by higher winds than usual, and has blown the leaves entirely off many of the plants in the most exposed situations. They are however recovering, and, from the abundance of young and healthy foliage they now have, do not appear to have suffered seriously.

The rain-fall has also been heavy and sudden and of short duration, it has not been productive of any injury to the plants.

The number of plants issued to the public is 2,611, making the total distributed 128,358. In addition to those 34 ounces (in number about 2,040,000) of seeds have also been gratuitously distributed, and which have generally been successfully reared.

but it requires a long time to ripen; what have been gathered have germinated freely.

The plants cut down for bark have generally thrown out vigorous shoots, which make rapid growth.

The thickness of the bark increases in proportion to the growth of the tree, and, as it acquires age, increases in solidity and firmness of texture.

OOTACAMUND,
21*st August* 1867.

(Signed) G. BATCOCK,
Acting Supt. Govt. Chinchona Plantations.

No. 515.

Miscellaneous.

ORDER THEREON, 27th August 1867, No. 2,005.

1. Ordered to be forwarded to the Home Government, with reference to paragraph 4 of their Despatch, 16th January 1867, No. 3.

2. Ordered also to be forwarded to the Supreme Government and to the other Governments in India, and to the Superintendent Chinchona Plantations in Java.

3. Ordered also to be laid on the Editors' Table.

(True Extract.)

(Signed) W. HUDLESTON,
Secretary to Government.

To the Superintendent Government Chinchona Plantations.
„ the Superintendent Chinchona Plantations in Java.
„ the Superintendent Government Central Museum.
„ the Conservator of Forests.
„ the Editors' Table.

Ed. S. T. Augustin.

Revenue 1867 Sept.r
Pro. 4 Govt Gen. Aug.t
No 2005
Pro. of the Madras Govt
4 to 7 August 67

No 118

Government Gardens
Ootacamund 31st August
1867

From,

The Acting Superintendent
Govt Cinchona Plantations

To,

The Secretary to Government
Revenue Department
Fort St. George

Sir,

In allusion to the Report on the growth and condition of Cinchona plants forwarded with my letter of the 2nd ult. I have the honor to observe that in the printed copies of the report above alluded to the circumference of C. micrantha should be 19½ inches instead of 9½ inches.

I have the honor to be
Sir
Your most obedient Servt

G. Bidie

Actg. Supt. Govt Cinchona
Plantns & Botanical Gardens

Rec.d 18th Sept.

No. 2360.

From
The Adg. Insp.h Genl.
Cinchona Plantns

To
The Secretary to Govt.
Rev. Dept. Madras

No 118

Dated 31st March 1864
Read 2nd Sept.

Observed that in the printed
copies of the Cinchona Report
the circumference of Ledgeriana
is shown as 9 3/8 inches instead
of 13 3/8 inches.

No. 8.

90 Copies 16