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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	59	Press
B.P. No.		Mis.
Dated 16-4-1874 196 ..		

Not to be folded or roughly handled

A

Trees planted
in
1862-63 & 1863-64.

1. Tolerably well renewed
2. Bored by insect but tolerable
3. Very imperfectly renewed.
4. Well renewed but not perfect.
5. Well renewed but not quite perfect.
6. Well.
7. Tree failed no bark taken
8. Imperfectly renewed.
9. Very imperfect renewal.
10. Well renewed. but not perfect.
11. Fairly renewed.
12. ——— D? ———
13. ——— D? ———

Particulars of No. 9.

Birth	1/4 in	in	Sq. in
10 3/4	3	9 x 1	= 45
10 1/4	3	4 x 1/2	= 20
16	4	• x 1	= 48
3 37	Total. 113		
12 1/3			

Whole surface of bark six square feet or 864 inches

B

Trees of 1864-65.

1. Very imperfect renewal

2. _____ De. _____

3. _____ De. _____

4. _____ De. _____

5 & 6 Better but imperfect

7 & 8 Fairly renewed but not perfect

9, 10 & 11 Very well renewed but not quite
perfect

12. Perfectly renewed.

C.

Trees of 1865-66

Only 1000 trees all mossed but plenty
at Pycarah.

1. 2 & 3 All very well renewed.

4. Fairly renewed.

5. Moderately well

6. Fairly

7. Moderately well.

8. Very well renewed.

9. Moderately well

10. Very well renewed.

D

Trus of 1866-67

- 1, 2 & 3. Very well renewed.
4. Fairly renewed.
5. Very well.
- 6, 7 & 8. Fairly renewed.
9. Very well renewed.
10. Fairly renewed.
11. Only moderately renewed.
12. Very well renewed.
13. Quite perfectly renewed.
- 14, 15, 16 & 17. Very fairly renewed.
18. Very well renewed.
- 19 & 20. Perfectly renewed except one little spot in each.

E

The 2000 trees also of 1866. 67.

1. Very imperfect renewal
2. ———— Do. ————
3. Tolerably renewed
- 4 & 5. Very imperfectly renewed.
6. Imperfectly renewed.
7. Very imperfectly renewed.
8. Imperfectly renewed.
9. Very fairly renewed.
- 10, 11 & 12. Very imperfectly
13. Fairly renewed.
14. Imperfectly renewed.
15. Perfectly renewed. ✓
16. Very fairly renewed.
17. Moderately well renewed.
- 18, 19 & 20. Very imperfectly renewed.

Total surface
of Bark

1170 sq. inches

Particulars of No. 14.

3/4	1 in	1 1/2 in	Sq. in
6	-	x 3/4	= 54
-	15	x 1 1/2	= 22 1/2
4	-	x 1 1/2	= 24 1/2
5	-	x 1	= 67
3	-	x 1 1/2	= 63
5	-	x 10 x 3/4	= 52 1/2
			283 1/2

Girth

19 1/2 in

16

13 1/4

2 48 3/4

16 1/4

Note on a visit to the Chinaman Plantations at
Meddinstown by the Acting Revenue Collector.

Mr. Broughton and Mr. Swor differed in their statements regarding certain facts concerning the Meddinstown plantations (see their letters dated 9th August and 9th September 1863) the undersigned deemed it advisable to adopt Mr. Broughton's suggestion that a third party should visit the spot. The attendance of the Commissioner, Mr. Broughton and Mr. Swor was accordingly requested, and they visited the plantations on Monday the 13th of October in company with the undersigned. The first trees inspected were those planted longest, viz. in 1862-63 and 1863-64. There are about 12,000 of these, of which 6,000 have been mossed.

Thirteen

Twelve trees in different parts were stripped of moss and examined. The details of this examination, as recorded at the time, are entered in Statement A attached, but on the whole the bark may be said to have generally renewed fairly. The spaces are covered even in the worst case, were small compared to the whole surface of the bark. Very few experiments of the coppicing system have as yet been made. A few of the trees alongside of the upper walk were coppiced six years ago and they have certainly failed to grow vigorously. This is ascribed by Mr. Broughton to their being in an unfavorable situation owing to shade. I saw, however, 43 trees of a younger growth in another part of the plantations which had been coppiced in 1871 which were doing well, though also in shade being a single row. 200 of

* 113 square inches out of 864.

The oldest trees were also coppiced in May 1871 in the open, and these are looking well and healthy. Said to be better in appearance than two species of old trees, but in young cases, when cut down, suckers had been left, so that the growth in these cases was of more than two years. There were also four rows of trees in another part of the same plantation coppiced in May last, and in most cases suckers were left. They appeared to be well and healthy. As Mr. Broughton was of opinion that the coppicing would succeed best without leaving suckers, it was determined to coppice the four next rows as an experiment and to treat them in this manner.

In 1864-65 only 3700 trees were planted at Reddinstown and of these all have been mowed except two or three hundred, but there are plenty unmowed of the same age at

at Ocarah Plantations. We
stripped and examined 12 of
these trees in different parts
and the details of their appear-
ance are given in statement

B. In 1865-66 only a thousand
trees were planted at Nedde-
wiltum and they have all
been mowed but there are plenty
un-mowed of the same age at
Ocarah. Ten were stripped
and examined and the details
of their appearance are given in
Statement C.

There are 28,000 trees of
1866-67 and of these not more
than 10,000 have been mowed.
Twenty trees were stripped and
examined and the renewal of
bark was very general. The
appearance of each tree is
detailed in Statement D.

We then proceeded to the
block of 2,000 trees the appear-
ance of which has given rise
to such contradictory statements.
These trees were also planted
in

in 1866-67. Mr. Broughton
has stated that 17 out of
20 trees examined by him in
February last (or 85 per cent)
had not renewed the bark
taken in October 1871. Mr.
St. Ives had stated that
he visited this block on the
19th July, and that there was
no failure to renew. Twenty
of these trees were stripped
and examined and certainly
the renewal of bark was far
less general than in the cases
of the trees previously examined.
The details are given in state-
ment E but even here in
the worst case of a total
surface of 1170 square inches
of bark only 283½ square
inches had entirely failed
to renew. It was clear that
the meaning Mr. Broughton
had intended to convey was
that 85 per cent of the trees
examined had failed to
renew

renew perfectly, and what Mr.
McIvor meant to say was
that intire failure to renew
was unknown. The two state-
ments were not thus at all at
variance with each other or
with the actual facts of the
case.

It will be perceived from
the foregoing that no less than
— 75 trees were stripped
and examined and that
not one had altogether failed
to renew — bark, though
but three had done so perfectly,
that is to say that there were
small portions in most of them
where the bark had not renewed.
I failed to notice that the
health of the trees had been
affected by the barking, though
some had been twice re-barked.

M. Dalyell

Sy. Secretary to Govt.

8 November 1873.

Rev: 1873: Dept
No. 3661

From

The Honble A. A. Dalrymple
As Secretary to Govt
Revenue Dept.

Enc: 5

Dated 8th } November 1873
Recd 8th }

Submitting note on
a visit to the Cinchona Plantations
at Meddiwittum.

N. 59

Lo. 59

CUU

16th April '74