

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT

G.O. No.	2550.	Press Mis.
<u>170-71</u>		
Dated	16 th September	1884.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department.
10th September 1869.

No. 170. Read the following Proceedings of the Board of Revenue, dated 8th July 1869, No. 4,818. —

Read the following letter from J. W. BREEKS, Esq., Commissioner of the Neilgherry Hills, to the Acting Secretary to the Board of Revenue, dated Ootacamund, 14th May 1869, No. 36.

As directed in Government order, dated 11th March 1869, No. 653, I have taken over charge of the Neilgherry forests and plantations. By paragraph 13 of the order it is evident that the Government are not satisfied that the necessities of the case justify the employment of an experienced Military officer for the forests on the Hills. Paragraph 14 directs me to propose such modifications of or additions to the existing forest establishment here as I may consider necessary bearing in mind that, as a rule, the annual cost must not exceed the annual receipts.

3. I find the permanent establishment at present sanctioned by Government to be as follows:—

	Monthly		Residence	Charge
	Pay	Travelling allowance		
Overseer Newman	28	30	Wellington	All forests east of
Gamekeeper	100	30	Madhavaram	Dodabet with the slopes
Head Peon	20	30	Do	of the Hill to Madhavaram
2nd do	7	30	Do	police and the M. S.
3rd do	7	30	Do	plantation. Australian
Overseer Taylor	20	30	Ootacamund	Plantation. All forests
1st Peon	7	30	Do	west of Dodabet and
2nd do	7	30	Do	three Australian Plan-
3rd do	7	30	Do	tations near Ootaca-
4th do	7	30	Do	mund.
Office Peon	3	30	Ootacamund	
	208	30		
	238	30		
	268	30		

The above annual expenditure of Rs. 268 may be compared with the annual receipts of Rs. 1,000 from the forests and plantations on the Hills.

16th September 1879

and the breeding birds are less numerous on the hills. I find Reports 3,500 square miles for 1897-1900—Reports 1901-1904—5,400-7,000 which would, therefore, seem to be the contemplated annual cost which as a rule must be met by the annual receipts. The receipts have increased Reports 1901 for the last three years, so that we have nothing to do but the Birds of the State the following estimate of the necessary annual cost.

		Males		Females	
		No.	Per Cent.	No.	Per Cent.
Under 15 years	Males	8	0	0	0
	Females	7	0	0	0
	Males	8	0	0	0
	Females	7	0	0	0
15 to 24 years	Males	28	0	0	0
	Females	29	0	0	0
	Males	7	0	0	0
	Females	6	0	0	0
25 to 34 years	Males	10	0	0	0
	Females	8	0	0	0
	Males	17	0	0	0
	Females	17	0	0	0

[illegible]

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The results are presented in the following table:

104 September 1869

5. For the present year, as the Budget amount has been sanctioned, and a certain expense in the way of pitting, trenching, and preparation has been incurred, I propose, when the season for planting out arrives, to complete what has been begun in the usual way, and to spend a portion of the sanctioned amount. But, for the future, I propose to limit the expense of firewood planting to Rupees 500 a year, feeling satisfied that the Australian Acacias can be made to grow to any

* In Notes sur l'Eucalyptus et subsidiairement sur la nécessité du reboisement en Algérie, by Mr. Trotter, an account is given of the marvellous growth and durability of some of the Eucalypti. Commissioners of the Paris and London Expositions have reported in high terms of the wood as very suitable, from its hardness and durability, for various purposes, especially naval, as it resists the attack of marine insects. In this respect, it would appear to rival Teak and Mr. Trotter adds that it is superior to the latter in density. The Committee of the French Exhibition of 1883 reported the Blue gum species as very suitable for Railway sleepers, and Mr. Trotter calculates that trees will be large enough for this purpose in eight years at which age, he says, they attain a size equal to that of an oak over seventy years old. Captain Haysman, in a recently published book on Indian Affairs, shows that the demand for sleepers is enormously in excess of the supply that can be permanently obtained from any existing forests and plantations of Sal or Teak. He says "assuming that species of Indian woods only be used, the number of sleepers required for all the single lines of the present and projected railways of India would require some 600,000, and the rails annually consumed would reach a like number, while to provide about twenty per cent. more, thus allowing for waste and decay, would be insisted upon, supply and demand would become colossal, there is no question that the British Government's observation of Forests from time to time, since they can be seen from the air, has led to the loss of timber and to the consequent increase of price; and it is probable that the same result will be reached again if the Government do not take steps to secure better management of their forests, and if they refuse to give up the idea of the forest as a source of revenue, and are prepared to abandon forests as a source of revenue, and to devote the timber to other uses." It is therefore evident that the Government must take steps to secure better management of their forests, and if they refuse to give up the idea of the forest as a source of revenue, and are prepared to abandon forests as a source of revenue, and to devote the timber to other uses.

extent by running a furrow with a plough or a mamooty, and putting the seed into the furrow.

6. If the Government desire to make timber plantations of the Australian Eucalypt* which grows splendidly here, it would be worthwhile to select a locality in such a place as the slopes on either sides of the Reilkoonda river to the west of the old Landaputy Ghat. There is plenty of desirable land vasto there, and the timber when cut might, I think, be floated in float into the Showany and thence to Mettapoitem. If the Government think it desirable, Colonel Morgan and I, after the monsoon, might make an examination of the river faro below Kallapood to Mettapoitem. Should the river be found practicable, timbering plantations on the banks might be taken in hand, not with the scanty surplus of the Jungle Conservancy Fund, but as an independent undertaking to take the place of Teak to which certain species of the Eucalyptus are found to be equal, if not superior.

7. As the Grand Canyon Conservation Fund is expected to contribute the majority of the funding for the Grand Canyon National Park, the Grand Canyon National Park will be the primary beneficiary of the Fund. The Fund will also contribute to the preservation of the Grand Canyon National Park's natural resources, including the Grand Canyon National Park's historic and cultural resources, and the Grand Canyon National Park's scientific resources.

*Proceedings of the Madras Government, Revenue Department,
10th September 1868.*

reply. I propose the following additions to the present permanent establishment

Present Establishment.			Proposed Establishment.		
Overser Newman	130	Wellington	130	Wellington	
Grooming etc.	28	Maitlandham	28	Maitlandham	
1st Do	9	Do	20	Do	
2nd Do	7	Burton	10	Burton	
3rd Do	7	Crook	10	Crook	
4th Do			10		
5th Do			10	Katagerry	
	$131 \times 12 = 2,472$		$308 \times 12 = 3,696$		
Overser Carter	80	Ottachamund	80	Ottachamund	
1st Do	7	Do	10	Do	
2nd Do	7	Do	10	Do	
3rd Do	7	Do	10	Do	
4th Do	7	Do	10	Do	
5th Do	7	Do	10	Do	
6th Do	7	Do	10	Do	
	$117 \times 12 = 1,404$		$58 \times 12 = 696$		
	$2,472 + 1,404 = 3,876$		$3,696 + 696 = 4,392$		
			$4,392 - 240 = 4,152$		
			$4,152 - 240 = 3,912$		
			$3,912 - 240 = 3,672$		
			$3,672 - 240 = 3,432$		
			$3,432 - 240 = 3,192$		
			$3,192 - 240 = 2,952$		
			$2,952 - 240 = 2,712$		
			$2,712 - 240 = 2,472$		
			$2,472 - 240 = 2,232$		
			$2,232 - 240 = 1,992$		
			$1,992 - 240 = 1,752$		
			$1,752 - 240 = 1,512$		
			$1,512 - 240 = 1,272$		
			$1,272 - 240 = 1,032$		
			$1,032 - 240 = 792$		
			$792 - 240 = 552$		
			$552 - 240 = 312$		
			$312 - 240 = 72$		
			$72 - 240 = -168$		
			$-168 + 240 = 72$		
			$72 + 240 = 312$		
			$312 + 240 = 552$		
			$552 + 240 = 792$		
			$792 + 240 = 1,032$		
			$1,032 + 240 = 1,272$		
			$1,272 + 240 = 1,512$		
			$1,512 + 240 = 1,752$		
			$1,752 + 240 = 1,992$		
			$1,992 + 240 = 2,232$		
			$2,232 + 240 = 2,472$		
			$2,472 + 240 = 2,712$		
			$2,712 + 240 = 2,952$		
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			$3,432 + 240 = 3,672$		
			$3,672 + 240 = 3,912$		
			$3,912 + 240 = 4,152$		
			$4,152 + 240 = 4,392$		
			$4,392 + 240 = 4,632$		
			$4,632 + 240 = 4,872$		
			$4,872 + 240 = 5,112$		
			$5,112 + 240 = 5,352$		
			$5,352 + 240 = 5,592$		
			$5,592 + 240 = 5,832$		
			$5,832 + 240 = 6,072$		
			$6,072 + 240 = 6,312$		
			$6,312 + 240 = 6,552$		
			$6,552 + 240 = 6,792$		
			$6,792 + 240 = 7,032$		
			$7,032 + 240 = 7,272$		
			$7,272 + 240 = 7,512$		
			$7,512 + 240 = 7,752$		
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			$49,032 + 240 = 49,272$		
			$49,272 + $		

will show a total increase of less than 730 per annum.

5. I shall introduce the following steps or plan to prevent the illicit selling and buying of school books in a systematic and sustained way. I have accordingly addressed the Police Inspector in the school, and I am about to build three brick-and-mortar lockers out of granite in the three corners of the BHS surrounded by a chain-link fence. I shall also inform the Police, and with a better informed Police and a better informed and motivated parents' committee, I shall be able to prevent the illicit selling and buying of school books with the agency now in place.

[illegible][illegible]

*Proceedings of the Madras Government, Revenue Department,
10th September 1869.*

wilful omission on the part of the Herdsman to take care of the cattle was just as much a cause of the mischief as if he had driven the cattle into the Government plantation.

10. In conclusion, I can only say that I am prepared to give the existing forest establishment (with the additions I have proposed in paragraph 7, if approved,) a fair trial; but I cannot withhold an expression of regret that the service of a Covenanted Officer of some grade or other cannot be made available to help me. I was in hopes that at least an officer of the Wellington Depot might be temporarily lent to me on the condition that he got his pay (to be debited to the Military Department) and Rupees 80 a-month horse allowance to be debited to the Jungle Conservancy Fund. Under such an arrangement I would dispense with the services of the Ootacamund Overseer, so that no additional expense to the State would be incurred, while the establishment would be rendered efficient in the point in which it is now weak, namely, trustworthy personal supervision.

11. Regarding the Overseers Newman and Taylor, having known them for so short a time, I do not wish to say anything further than that I am glad to find that Major Beddome gives Newman a very high character. As regards Overseers generally, I can only refer to paragraph 7 of my letter* to the Board, dated 22nd 11th March 1868.

September, 1868, No. 28. Practically the present transfer of the Nalgherry forests to me has really the effect of leaving the Overseers under my little more control than they were before. Their duties are of such a nature as to demand, above everything else, honesty. Temptations are numerous, and without some more direct control than I and my Assistant can give, I am afraid that, from evasion on the one hand and collusion on the other, there will be little more effective conservancy than heretofore. Under this view of the case, I submit that the result would be more satisfactory to Government if some such arrangement as I have explained in paragraph 10 could be carried out at once.

SUBMITTED for the information and orders of Government with reference to their orders dated and numbered, respectively, 11th March 1809, No. 653 and 24th March, No. 895.

2. In reply to the first of the above-named Proceedings of Government, the Commissioner reports on the forest establishment and working of the Government plantation on the hills.

The annual cost of establishment including the Ranger allowance for working the plantation is Rupees 7.66 and the average income for the last three years, Rupees 4.44, showing a deficit of Rupees 2.71.

40. The Commission also proposes to amend the existing expenditure limits for candidates, the political parties, and the political parties' candidates, to ensure a fairer playing field and a more levelled economic for a permanent campaigning culture. Furthermore,

per annum. This amount exceeds the cost of the present establishment by

Total present expenditure.....	Rs. 7,084	Rupees 732, but as the working expenses
Revised establishment.....	4,290	will be reduced to Rupees 500, a saving
Working expenses.....	500	on the total expenditure will be effected,
	4,790	amounting to Rupees 2,268, as shown in
Saving.....	2,268	the margin.

5. The enhancement of cost of the establishment consists in an indispensable increase in the pay and numbers of the Deans or Under-Foresters, and in an allowance of Rupees 10 per mensem to the two Revenue Inspectors, whose supervision and responsibility will prove most useful in the conservancy of the woods.

7. The Commissioner states that the Conservator of Forests has reported favourably on the Overseers, but it appears to the Board that admitted results go far to qualify this view, and Mr. Brooks will be requested to inform each servant on the establishment that they will be judged by results alone, and that unless during the next year a position there is an improvement in this respect other arrangements will become applicable.

and Board also sent the proposal to strengthen the charter for the protection of the environment.

The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. In this case, the system (1) is reduced to the system (2). The asymptotic behavior of the solutions of the system (2) is studied in the next section.

1. The following information is being furnished to you by the Bureau of Internal Revenue in accordance with the provisions of the Internal Revenue Code, as amended, and the Regulations thereunder, and is being furnished to you for your information only. It is not to be used for any other purpose. It is not to be used for any other purpose. It is not to be used for any other purpose.

13. In paragraph 9 of his letter, Mr. Breeks furnishes the information called for in the Government order referred to above, dated 24th March 1869, No. 833.

ORDER THEREON, 10th September 1869, No. 2550.

In his letter, dated 14th May 1860, the Commissioner of the Neilgherries while reporting generally on the forest Hills, proposes several important changes

2. He recommends an increase of Rupees 732 per annum in the cost of the permanent establishment hitherto sanctioned for conservancy. The additional expenditure will be caused by an enhanced rate of pay to the Peons maintained by the establishment, by the employment of two fresh hands, and by the allowance of extra pay to two Revenue Inspectors. Considering the arduous and responsible duties which devolve upon the subordinate officials engaged in conservancy on the Hills, the Government resolve to sanction the permanent establishment proposed by Mr. Breeks, the annual cost of which is Rupees 4,296.

4. The Commissioner's plan for conducting all experiments with fresh seeds at Ontonagon, either in the Botanical Gardens or through the medium of the Agricultural Society is approved.

5. The Government are fully sensible of the advantages attaching to the extended formation of Eucalyptus plantations, and will be prepared to consider any scheme which Mr. Brooks, after examination of the site, may submit for occupying the slopes on the banks of the Keilkoonda river with this tree. It is suggested that experiments should be made with the view of ascertaining whether the Eucalyptus can be propagated from seeds.

6. With reference to paragraph 9 of his letter, the Government suggest that the Commissioner should bring the definition of "Mischief" as laid down in the Penal Code, to the notice of the Joint Magistrate. It however appears doubtful whether the charge can be effectually sustained, unless some degree of *animus* be proved.

*Proceedings of the Madras Government, Revenue Department,
10th September 1869.*

7. The Government approve and sanction the proposal made in paragraph 10 of the Commissioner's letter, and supported by the Board in paragraph 10 of their Proceedings. The temporary arrangement must, however, of course, be carried out by the Commissioner in communication with the Military authorities.

(True Extract.)

(Signed) R. A. DALYELL.

Acting Secretary to Government.

To the Board of Revenue,
the Commissioner of the Nalgheries,
the Assistant General

21. 11. 1869.

*Recd March 1869 No 281-283
- 24 - 283-284
- 30 June - 702-703
- 6 November 1868 - 119-120*

Revenue 1869. Vols.
**Board of Revenue,
MADRAS.**

No. 2297.

PROCEEDINGS, 6TH JULY 1869, No. 4,318.

Recd 8 July 1869
Received 9.

Encl.

JULY.

No. 4,318.

*Establishment for conservancy of Firewood Plan-
tations—on Nalgheries.—Recommendation to
Government to sanction revised scheme of, pro-
posed by Commissioner, at annual cost of Ru-
pees 4,296, to provide proposed change in
management and working of these Planta-
tions and to encourage cultivation of Austr-
lian Eucalypti and discontinuance of Nurseries
for propagation of Australian Acacia.*

Supp 10 26/11/69

*R.C. 27th Aug 1869 P. 512
C 17th July 1869 R.C. 5 Aug 1869*

170

Proceedings of the Madras Government
10th September

7. The Government are advised by the
of the
Proce
by the

Edw. R. R. R. R.

Memorandum

Memo. for order
on No. 2297

In para 14 of the
order of Govt. dated 11th
March 1889, the Commissioner
of the Nilgiris was
directed to submit for ap-
proval such modifica-
tions of the Bill as he
thought fit to bring on the
15th April last for the
Governor's consideration.

With the above
before Govt. the Bill was
submitted to the
Commissioner's consideration
in his proposals and
subject - Mr. Wilks has
said that he wishes to
draw up a Bill for the
establishment of a
school at the Nilgiris
and that an expenditure
of about Rs. 2500 per
annum

the Forest Conservan-
-or, states with Oul-
-lers only, and ex-
-presses a hope that
the service of an offi-
-cer at the Wellington
is not may be given
him.

The Board of
-for the Ball's pro-
-posed as a strongly re-
-sponse on hand but the
-agent the National
-Commissioners officials
at Wellington may be in-
-adequately able for the
-present, pointing out that
there are many more officers
than there are all the for
the military duties of the
-state, and that in
all

Wm. H. Do
W. H. N.

Yr

Yr

all probability the
Military authorities
will gladly give the
loan of the services of an
officer as a temporary
measure.

It is submitted
that Mr. Brock's general
proposals may be ap-
proved and mentioned
that his request for the
services of an officer
at Wellington be re-
ferred to the Military
Dept, and that his
recommendation be
referred to the friends
of a new local police
plantations may be
forwarded for the
consent of the Army
Commissioners.

Communicator of Press.

8. Mr. Brattle also
refers to the G.O. of
24th March 1869, No. 38,
in which he was re-
quested to consider
how a case of highway
in which the Magistrate
had not supported
the Street Department
could best be treated.
The best Magistrate
would not consent
to a decision after having
been so well advised
as shown that has
been the case in the
G.O. of 24th March
1869, No. 38, in which
the Street Department
was supported.

Lowell has been to go to
W.D.N.

W.D.N.

W.D.N.

makes a more responsible
for careless omission to
his duty. He might
perhaps therefore be
directed to draw the
Joint Magistrate's atten-
tion to this provision
of the Code with regard
to his decision.

9. It may also be
considered necessary
to notice the delay
of two months which
has taken place in
the Board's office in
the disposal of Mr.
Brattle's letter.

W.D.N.

Memorandum
Establish for Conservation
Natives of Inland
Plants on the Null
Gorges

I concur generally in the views expressed
by the Board of Revenue in their opinion on
the communication of Mr. Brecks.

I would approve of the proposed
establishment proposed by the Commission
and of the change proposed in the
management of the plantations of the
Australian acacia for the purposes
of firewood. This tree might advantageously
be propagated from seed even when
a nursery garden but at once in the
forest-grounds care being taken however
to preserve the young trees in the midst
from the aggression of cattle and
wild animals either by fencing or
watching. Once well rooted and
started they will maintain themselves
unsuspected. It seems reasonable that
all seeds transmitted to the Forest
Department in the Null Gorges shall
be transferred for preservation and
experiment to the Horticultural
gardens but in forming plantations

It would be desirable that experiments
should also be made by the Forest
Dept. on a small scale ~~with the~~ to grow
the harder sorts of trees from seed deposited
at once in the Forest ground prepared
for that purpose by ploughing or trenching.
The proposal of Mr Brooks to make a
large plantation of the Australian
Eucalypti is an excellent one and
in commencing it a portion of the
ground should be ~~planted~~ ^{sown} with seed
the greater part might be filled
with young plants. It is very probable
that the Eucalypti may be propagated
by sowing as well as the Accacia.
They are very free growers the soil
is tolerable and reproducing
as the other.

I don't agree with the suggestion
that a military officer should
be sent for the Dept at Wellington

for the general supervision of the
plantations and natural woods on
the West of the river. The officers at
Wellington are of two categories they are
either officially ^{actively} employed in connection
with the Establishment or they are
invalids doing some amount of duty.
The former could not of course be available
for the work in question. The latter in
indifferent health and without special
knowledge would not be fit for it.
The direction of clearing, burning, planting,
draining, fencing cannot be properly
undertaken by a gentleman without
previous experience. We might be so
fortunate as to find an invalid
officer, or an officer attached at
Wellington, with competent knowledge
in these matters, but I doubt it. The
appointment would probably become
a matter of favor & convenience. Mr
Brooks offers to give up one of his horses
at 85 £ per month for such an
agent to apply the same in
question in providing horse allowance.

for the officer who would in that case be
 at Ostacumund & do the duty of an
 overseer. I don't think the expedient
 would be successful. If the establishment
 now suggested by Mr. Beech does not
 work well & if a superintending
 officer of superior intelligence &
 more trustworthy & authoritative character
 is required I would select among the
 young Englishmen who have come out
 for planting & executing a man in
 the full enjoyment of health & strength
 with some knowledge of the country and
 give him the post of overseer at
 Ostacumund with authority over the
 other on salary of £200 or
 £250 per annum holding with
 him the hope of subsequent promotion
 at the end of a few years in the
 Forest Dept. I know of two or three
 persons of the kind who would
 probably accept such a position.

S

Revenue Department
 7-2550

Proceedings of the Madras Government
 Under date 10-2-50

Read the following
 Order of the P. B. of the

Recommendation to
 government revised scheme of establish-
 ment for conservancy of Forest Plantations
 on hill-trees proposed by Committee
 at an annual cost of Rs. 4,296, to be
 from proposed change in management
 & working of these plantations & to include
 large cultivation of Australian Eucalypti
 & dissemination of berries for the
 propagation of Australian Acacia

(M. C. S. July 1869)

W. B.

In his letter dated 10-
 May 1869 the Commissioner of the
 Madras District reported as
 usually on the Forest Dept.
 Government plantations in the
 M. B. proposed revised report
 and changes in working them
 2. The proposed scheme
 of Rs. 4,296 per annum
 in the cost of the proposed
 establishment and its working

[illegible]

forming plantations from 3500 to 17500 with plants not the necessities of growing artificially and at a great expense but of the nature of the Mexico which grows spontaneously in the neighbourhood of Otacumind. The Govt. agree with Mr. Pinkerton in this respect & sanction his recommendation, promising that he has provided for the cost of maintaining the Encrypted plantations, the importance of which has been strongly urged by Major Bellin. The arrangement will undoubtedly result as far as not by the Province or really being all at 2500.

6. The Commission plan for conducting all

experiments with fresh seeds
of *Cotyledon*, either in
the Botanical garden or
through the medium of the
Agricultural Society,
will appear.

[illegible]

ascertaining whether the
Eucalyptus can be propaga-
-ted from seeds.

b. With reference to para 9 of his letter, the Gov^t suggest that the Commission should bring the definition of "mischievous" as laid down in the Penal Code to the notice of the J. & M. Magistrate. It however appears doubtful whether the charge can be effectively sustained unless some degree of grossness

7. The fact appears to prove
and illustrates the proposed
mode in pursuance of the
last letter and supported
by the fact in pursuance of the
proposed mode of the
house of commons to receive
aid by the house of commons
with the facility and manner

and the other officers of the Dept
and the United States Marshal

and the other place and the great
superiority of Kelly's

juvenile, Conservancy, 1 day

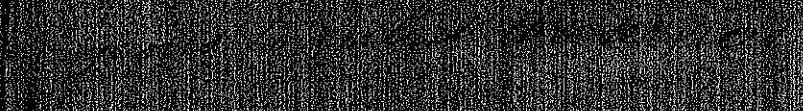
do not consider that the

William H. West, Jr.

Products of known hot.

1998

[Faint, illegible handwritten text]



Worm-eaten Elm

John A. Macdonald

Chrysomelidae: Chrysomelinae

Robert M. La Follette

1864

concentration of the

James L. Sullivan

and of the social sciences

1890

I would keep
this question here
for Dr's supper with
no intention to ask
any here. —

and they will

Annunciato

conclusion, as the
the

Alphonse

188

1875

100

1990