231-232

M.R.O. 1—77,000—1-4-37.

(1) Number of pages.....

(2) Date of repair.....

(3) Initials of the Reference.....

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. 1357 Press Mis.

Dated 18/12/1937.

Not to be folded or roughly handled

No. 231. Read the following Proceedings of the Board of Revenue, dated 11th November 1874, No. 3,282:—

Read the following letter from A. MACGREGOR, Esq., Collector of Malabar, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Calicut, 3rd October 1874, No. 230:—

I have the honor to bring to the notice of the Board some considerations in connexion with the subject of G. O., dated 28th August 1874, No. 1,105. I regret that I was not allowed an opportunity of expressing an opinion on the report of the Commissioner of the Nilgiris and the Superintendent of Cinchona Plantations.

2. It seems to me much to be deprecated that the spread of cinchona cultivation in Wynaad, which is necessarily in rivalry with that of the Nilgiris, should be checked on such a very one-sided view of the matter.

3. Mr. McIvor says that the Wynaad bark is *deficient* in quinine. This the Commissioner translates into the sentence, "Mr. McIvor states that the cinchona in Wynaad yields no quinine." I am credibly informed that a batch of Wynaad bark sent home has yielded a fairly remunerative price. Undoubtedly, succirubra grows very much more rapidly, so that even, if the yield per pound is less then, the weight of bark per tree, produced in a given time, is more.

4. Further, as I have already observed, the tree is used for shade in places, for avenues, and for marking off fields of different age; and work connected with it can be done by hands employed on an estate when other work happens to be slack, etc.; so that in this way a large number of trees might be planted and worked out on small cost; and, owing to this and the more rapid growth, there might be more profit than on the Nilgiris.

5. Besides this, the price of Wynaad bark cannot be considered as definitely settled, the quantity as yet sent home being small. In sales of bark at home it is usual for intending purchasers to send their agents to test samples prior to the sale; and, if a large quantity can be placed in the market as is possible with Nilgiri bark, it is better worth while for dealers to send agents, and thus the price is improved by competition.

6. From an article which lately appeared in the *Madras Mail* I observe that Mr. Markham, after inspecting the cultivation of cinchona in Wynaad, wrote, "although the extension of this cultivation on the estates of European planters is much to be desired, it is far more important that the natives of the district should be encouraged to open cinchona gardens in every direction and in great numbers." The people suffer fearfully from fever. The scourge has appeared exceptionally early this season, and I have myself witnessed its ravages; while I am assured that later in the year the scenes even on the public roads are loathsome and heart-rending.

7. On this subject the Secretary of State writes, "while congratulating the Madras Government on the success which had attended the cultivation of cinchona in the Presidency, and recognizing the attempts made by European and Native

planters to further the enterprize, the greatest benefits would be secured should it be found practicable to promote the cultivation of the tree by villagers and small holders of land in suitable situations, even if they should not be able to do more than plant a few trees round their houses.

8. Again in his despatch, dated 20th December 1871, the Secretary of State writes, "the district of Wynaad, owing to the very large annual influx of laborers from Mysore and the prevalence of fever among them, is not quite in the same category as the less frequented hill regions. I am of opinion that the circumstances of Wynaad give that district a special claim to assistance from your Government in establishing an adequate extent of cinchona cultivation.

9. It appears to me that in deciding to close the issue of plants to Wynaad on Mr. McIvor's representation that "this advantage could not be limited to persons in Wynaad only, as persons on the Nilgiris and elsewhere would consider themselves entitled to the same privilege," the views enumerated in the foregoing orders have been lost sight of.

10. I have had some experience in this question of raising cinchona from seed, and I have observed that, except with regularly trained establishments working in a healthy climate, failure is the rule. The seedlings require such constant skilled handling, especially during the hot weather, that in a climate like Wynaad, where in those months fever is so rife, experiments are sure to miscarry. Not only daily attention, but attention several times a day is needed, and cannot in such a climate be ensured. A Superintendent can often barely muster the two or three hands required to drive the cattle to pasture and back, and these constantly change. With native Wynaad cultivators, raising such a delicate plant from seed, is simply out of the question.

11. I was at one time in hopes that the succirubra might be sufficiently propagated from existing trees in Wynaad, but in this I have been disappointed.

12. I still think that growing plants should be prepared annually on the Nilgiris for Wynaad, and strongly urge that Government should be moved to order this to be done. If necessary, let the number be limited to fifteen or twenty thousand, to be ready for removal during the month of April.

13. This appears to be absolutely essential to carry out the orders of the Secretary of State, reiterated at the close of the despatch already quoted, that all reasonable assistance should be extended to the Revenue authorities or to private persons in furthering and extending the cultivation.

Submitted for the orders of Government.

2. The Board think the Collector makes out a strong case for reconsidering the decision which has been arrived at with regard to supplying cinchona seedling from Ootacamund to Wynaad.

3. If the advantage is limited to Wynaad, the cost of establishment need not be great.

(A true Copy and Extract.)

(Signed) J. GROSE,
Secretary.

Proceedings of the Madras Government, Revenue Department,
13*th December* 1874.

No. 232. Order thereon, 18th December 1874, No. 1,589.

Miscellaneous.

The Governor in Council sees no reason to modify the order referred to. With reasonable care the tree grows freely from seed, and planters can send their gardeners to learn at Ootacamund the best mode of propagating.

(True Extract.)

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

To the Board of Revenue.

Ed. A. Grafton.

No. 3,282.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 14th November 1874.

Read the following letter from A. MACGREGOR, Esq., Collector of Malabar, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Calicut, 3rd October 1874, No. 236 :—

I HAVE the honor to bring to the notice of the Board some considerations in connexion with the subject of G. O., dated 28th August 1874, No. 1,105. I regret that I was not allowed an opportunity of expressing an opinion on the report of the Commissioner of the Nilgiris and the Superintendent of Cinchona Plantations.

2. It seems to me much to be deprecated that the spread of cinchona cultivation in Wynaad, which is necessarily in rivalry with that of the Nilgiris, should be checked on such a very one-sided view of the matter.

3. Mr. McIvor says that the Wynaad bark is *deficient* in quinine. This the Commissioner translates into the sentence, "Mr. McIvor states that the cinchona in Wynaad yields no quinine." I am credibly informed that a batch of Wynaad bark sent home has yielded a fairly remunerative price. Undoubtedly, succirubra grows very much more rapidly, so that even, if the yield per pound is less then, the weight of bark per tree, produced in a given time, is more.

4. Further, as I have already observed, the tree is used for shade in places, for avenues, and for marking off fields of different age; and work connected with it can be done by hands employed on an estate when other work happens to be slack, etc.; so that in this way a large number of trees might be planted and worked out on small cost; and, owing to this and the more rapid growth, there might be more profit than on the Nilgiris.

5. Besides this, the price of Wynaad bark cannot be considered as definitely settled, the quantity as yet sent home being small. In sales of bark at home it is usual for intending purchasers to send their agents to test samples price to the sale; and, if a large quantity can be placed in the market as is possible with Nilgiri bark, it is better worth while for dealers to send agents, and thus the price is improved by competition.

6. From an article which lately appeared in the *Madras Mail* I observe that Mr. Markham, after inspecting the cultivation of cinchona in Wynaad, wrote, "although the extension of this cultivation on the estates of European planters is much to be desired, it is far more important that the natives of the district should be encouraged to open cinchona gardens in every direction and in great numbers." The people suffer fearfully from fever. The scourge has appeared exceptionally

early this season, and I have myself witnessed its ravages; while I am assured that later in the year the scenes even on the public roads are loathsome and heart-rending.

7. On this subject the Secretary of State writes, "while congratulating the Madras Government on the success which had attended the cultivation of cinchona in the Presidency, and recognizing the attempts made by European and Native planters to further the enterprize, the greatest benefits would be secured should it be found practicable to promote the cultivation of the tree by villagers and small holders of land in suitable situations, even if they should not be able to do more than plant a few trees round their houses.

8. Again in his despatch, dated 20th December 1871, the Secretary of State writes, "the district of Wynaad, owing to the very large annual influx of laborers from Mysore and the prevalence of fever among them, is not quite in the same category as the less frequented hill regions. I am of opinion that the circumstances of Wynaad give that district a special claim to assistance from your Government in establishing an adequate extent of cinchona cultivation.

9. It appears to me that in deciding to close the issue of plants to Wynaad on Mr. Melvor's representation that "this advantage could not be limited to persons in Wynaad only, as persons on the Nilgiris and elsewhere would consider themselves entitled to the same privilege," the views enumerated in the foregoing orders have been lost sight of.

10. I have had some experience in this question of raising cinchona from seed, and I have observed that, except with regularly trained establishments working in a healthy climate, failure is the rule. The seedlings require such constant skilled handling, especially during the hot weather, that in a climate like Wynaad, where in those months fever is so rife, experiments are sure to miscarry. Not only daily attention, but attention several times a day is needed, and cannot in such a climate be ensured. A Superintendent can often barely muster the two or three hands required to drive the cattle to pasture and back, and these constantly change. With native Wynaad cultivators, raising such a delicate plant from seed, is simply out of the question.

11. I was at one time in hopes that the succirubra might be sufficiently propagated from existing trees in Wynaad, but in this I have been disappointed.

12. I still think that growing plants should be prepared annually on the Nilgiris for Wynaad, and strongly urge that Government should be moved to order this to be done. If necessary, let the number be limited to fifteen or twenty thousand, to be ready for removal during the month of April.

13. This appears to be absolutely essential to carry out the orders of the Secretary of State, reiterated at the close of the despatch already quoted, that all reasonable assistance should be extended to the Revenue authorities or to private persons in furthering and extending the cultivation.

Submitted for the orders of Government.

2. The Board think the Collector makes out a strong case for reconsidering the decision which has been arrived at with regard to supplying cinchona seedling from Ootacamund to Wynaad.

3. If the advantage is limited to Wynaad, the cost of establishment need not be great.

(A true Copy and Extract.)

Secretary.

To the Acting Secretary to Government, Revenue Department.

Copy to the Collector of Malabar.
" to the Commissioner of Nilgiris.
" to the Inspector of Forests.

Fxd. A. Grubert.

Revenue Department.

1589

REVENUE DEPARTMENT.

No. 4107

From Board of Rev.

Dated 14 November 1874.

FOR ORDERS.

I would not modify the order. Particular distributions will cause a considerable expense & lead to carelessness. Besides which we have done enough. Cult Cin - 3o: gr. has

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No 4107

Revenue 1874. Depte

Board of Revenue,

MADRAS.

PROCEEDINGS, 14TH NOVEMBER 1874, No. 3,282

Enel.

Received 24

NOVEMBER.

No. 3,282.

Cinchona Cultivation—in Wynaad, Malabar District. — Letter from Collector requesting a reconsideration of decision which has been arrived at by Government that sufficient encouragement will be given to — by supplying seeds from Ootacamund, submitted for favorable consideration of Government.

G.O. 31 Aug 72 No 2961-2

28 Aug 74 - 283-84

23

Stationery Office Form No. 1587

from Seed for the Public — in addition
to supply the Seed Trades.
But the Crop Seems to have spoiled a
good deal to keep Spread out of Competition
Some-how Ken Mr. Re Von & acclimated
any such desire.
The object of planting a few Trees
around Ken House is effect & nature
of Spread is not clear. Ken Green the Ferns
do the Dark Shaded hyan & can
& make a Pleasing Contrast from
Green. Yes Prof

I have sent the Highest Possible
Mark Ref. 0. of 28 Aug/74 exp.
upld, & shall be interested.
Yes Prof

Dear Sir, Yours ...

Rec'd 8000 Plants of C.
Succinubra & asked for
22 000 ! Will Learn all
can, the Ex Tea from Seed
for Leaf — and Plant C
can last Year perhaps 6
Mg Cwt of Dry Leaf

Sent not ready Mr. G.O. for — can
not undertake to raise Plants

203

FOR ORDERS.

Revenue Department.

No. 1889

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 18th December 1874.

READ the following Proceedings of the Board of Revenue

Letter, for favour of consideration.
Ditto, letter from Col. Ingram, forwarding a memorandum of discussion which took place at Gudalur on the subject of the management of the Forests of Nilgiris and Wynaad, by the Collector of Nilgiris, &c.

H. E. 15 for 1874, p. 32282

Resolution on

Government see no reason to modify the orders referred to. With reasonable care the teak trees should be free from seed, and Planters can send their gardeners to learn at Ootacamund the best mode of transplanting.

14th Dec. Board's Proc. Nos. 1, 2 & 3 Dec.