No. 300. Read the following letter from J. BROUGHTON, Esq., Government Quinologist, Ootacamund, to the Acting Secretary to Government, Revenue Department, Fort Saint George, dated Ootacamund, 16th December 1869 :—

I HAVE received Proceedings of Madras Government, Revenue Department, Nos. 60 and 61, of 4th December 1869, respecting Ipecacuanha cultivation.

2. Paragraph 3 of the G. O. (No. 3,106, *loc. cit.*) refers to an analysis ( I presume to be made by myself), which is directed to be forwarded. I have the honour to state that, as I cannot undertake to make a trustworthy analysis with less than half pound of the dried roots, some considerable time must elapse before it can be done.

3. There is no chance whatever that this important plant can be successfully cultivated on the Neilgherry plateau. It is only from great care that so many as thirteen plants have been obtained from the two introduced.

4. Its native habitat is the under-growth of the damp forests of Brazil. When I first brought it out in January 1867, I placed it in the Agri-Horticultural Society's Gardens in Madras. The arid climate and brackish water would, however, in spite of care, soon have killed it, had I not removed it subsequently to these hills, and placed it under the care of Mr. McIvor. Here, however, it is almost equally out of its natural conditions, and can never be other than an insignificant hot-house plant. The introduction, by Mr. McIvor in November 1867, of another plant from Kew, and his success in propagation, have now rendered the loss of the plant unlikely.

5. The climate of Nellumbur, in all essential respects, resembles the native climate of the plant. From having taken some pains to introduce it, I feel very desirous that it should, if possible, be successfully naturalized. I therefore request that Government will be pleased to allow me, *on duty*, to take three plants to the Teak Plantations of Nellumbur, where I feel sure they will receive judicious care at the hands of Mr. Ferguson, Superintendent of the Plantations. I have already arranged with Mr. McIvor for these, and shall also obtain from him directions for their treatment and future propagation. As work will not permit of my absence at any other time, I propose to take the opportunity of making the journey during the Christmas recess, when I have occasion to visit Malabar for another purpose.

6. The money-value of Ipecacuanha renders it well worthy of some trouble, in order to render its cultivation practicable. It is worth about 8*s.* 10*d.* a pound in England. It is, of course, an article of considerable commerce. I find that in 1866 51,819 pounds were imported into the United Kingdom.

7. The small specimen of the drug which I received from Mr. McIvor (as far as I could judge from so small a quantity) was of inferior quality. This was to be expected.

*Proceedings of the Madras Government, Revenue Department, 21st December 1869.*

No. 301. ORDER THEREON, 21st December 1869, No. 3,225.

Miscellaneous.

THE Government accordingly authorize Mr. Broughton to visit Nellumbur, on duty, for the purpose of establishing some Ipecacuanha plants there.

(True Extract.)

(Signed) R. A. DALYELL,

*Acting Secretary to Government.*

To the Government Quinologist.
" the Commissioner of the Neilgherry Hills.
" the Accountant-General.
" the Officiating Conservator of Forests.

Ed. F. R. Bantleman.

Revenue Department

No 3225

Proceedings of the Madras Government under date the 21st Dec.r 1869.

Read the following letter from the Govt. Quinologist

Requesting permission to place some Ipecacuanha plants at Nellimalai.

(R. & O. 16th Dec.r/69.)

Mr Government accordingly authorize Mr. Broughton to visit Nellimalai on duty for the purpose of establishing a small Ipecacuanha plantation there. —

R.A.

R.S.

Copy to Mr. Broughton & Dep.t Conservator of Forests
2. " Comm.r of Salt & Abkary, Nellore Dep.t
1. — Government Gardens
6. — Asst. Surgeon Neilgherry
13. — Office Establishments

15-6-12

# Govt. of (1869) Madras.

## REVENUE.

*To*

THE GOVERNMENT QUINOLOGIST,

&c., &c., &c.

*Dated December*, 21*st*.

*Recd.*

*Encl.*

*G. O., 21st December* 1869, *No.* 3,225.

## DECEMBER.

## Nos. 300-301.

*Ipecacuanha plants.*—Mr. Broughton permitted to visit Nellimalai in connection with its cultivation.