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MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1339 Press Mis.

Dated 24-6 1879.

Not to be folded or roughly handled

Proceedings of the Madras Government, Financial Department,
11th October 1876. *No.* 1822.

Audit of Accounts.

No. 84. *Read the following letter from the Officiating Accountant-General, to the Chief Secretary to Government, dated Fort St. George, 17th May* 1876, *No.* 123;—

Book Department.

With reference to G.O., Financial Department, No. 364, dated 21st February 1876, I have the honor to forward the report of Mr. Crawley on the Audit of the Accounts of the Government Botanical Gardens including Stonehouse and Sim's Parks, Chinchona Plantations, and the Lawrence Asylum on the Nilgiri Hills, and to submit the following observations.

2. *Botanical Gardens.*—In paragraph 7 Mr. Crawley notices that when remittances towards payment of purchases are made in cheques or postage stamps a discount is incurred by the gardens. Arrangements should be made by the Superintendent so that, in future, all remittances received should meet the sums due to the gardens as well as the discount occasioned by the realization of the cheques and stamps.

3. The proposal contained in paragraph 11 to substitute a book of counterfoil bill-forms for the Day-book and the Ledger does not commend itself to me. The latter only could show completely all transactions that appear in the Cash and Day-books, whereas there is no arrangement suggested as to how moneys received from the Treasury and sums realized by sale of garden produce on credit, and their remittance to the Treasury are to be shown in the accounts. I think, however, the number of personal heads of account in the Ledger might be reduced, since it would appear from inquiries I have made that the names of parties who make cash purchases are entered in the Cash-book, and hence an account for each name is opened also in the Ledger. This would be obviated by crediting all such receipts daily in one entry to the simple head "Sale of produce." If the sales are numerous every day, a simple memorandum book should be kept in which every receipt of money should, as it occurs, be entered, and the total, at the close of the day, taken to the Cash-book to the head mentioned above. If it is desirable to show separately the sale of vegetables, flowers, and seeds, they can be entered in detail in the Cash-book, and in separate columns in the Ledger under the head specified.

4. I fully concur in the proposal made in paragraph 11 (B,) namely, that all sale proceeds from the gardens be remitted without any deduction to the Treasury to the credit of Provincial Services, and that all petty expenses, including charges for service postage labels which should be used for the official correspondence of the Superintendent, be met from a "Permanent Advance" to be allowed him, the same being recouped at the close of every month.

5. In regard to paragraph 12, it rests with Government to allow buildings to be constructed and repaired by the Superintendent. If there is no objection to the arrangement, I would suggest that the estimates be, in the first instance, passed by the District Engineer, who should also give a certificate of the completion of the work, in order that the Superintendent's bill might be accepted for audit.

6. The remaining remarks of Mr. Crawley have my approval.

7. *Chinchona Plantations.*—In the absence of any proper accounts the audit in connection with these plantations was not as satisfactory as could be desired. The

forms of accounts recommended to be rendered by Managers of Plantations and by the Superintendent himself for his cash transactions, as well as abstract forms to be maintained by him, will, it appears to me, enable him fully to account for all his transactions and render it practicable for a proper audit being effected.

8. *Lawrence Asylum.*—The several discrepancies pointed out should be rectified without delay.

9. In connection with this institution, I beg to inquire whether the Government pass a Budget annually; if so, to request a copy thereof may be sent to this office, and I solicit instructions whether expenditure should be limited to the grant allowed for each distinct service, or whether it is sufficient for the Auditor to watch that the total expenditure for all services does not exceed the total of the grants for the year.

From the Assistant to the Accountant-General, to the Officiating Accountant-General, dated 19th April 1876.

I have the honor to submit report upon the accounts of—

I.—The Government Botanical Gardens at Ootacamund.
II.—The Chinchona Plantation.
III.—The Lawrence Asylum.

I.—*The Botanical Gardens.*

1. These accounts are rendered monthly to the Commissioner by the Superintendent.

2. The books kept are Day-book, Cash-book, and Ledger.

3. These were examined for the year 18[illegible] 5-76 and were found to be very neatly kept. The irregularities noted below were mentioned to the clerk and brought to the notice of the Commissioner that they may be corrected for the future.

4. *The Vouchers* were not in

(*a*) Every case a complete acquittance. Receipt stamps for items above Rupees 20 were occasionally wanting.

(*b*) When bills are paid they should be so marked under initials of the Superintendent to prevent their being presented a second time.

(*c*) Also when items are disallowed on presentation of bills and the full amount of the bill is not paid, a corrected total should be struck in red ink on the bill in order that the Cash-book postings may agree with the bill total.

(*d*) For convenience of reference vouchers should be numbered and the numbers entered in the Cash-book in a column provided for the purpose.

5. *Acquittance Roll and Order-book.*—In a few instances the necessary receipt stamps for payments over Rupees 20 were wanting in the Acquittance Roll.

No Order-book for supplies from the gardens is maintained. It has been suggested that an Order-book is desirable in which the initials of those who require supplies on credit should be taken. At present when messengers bring verbal orders for supplies on credit they are sometimes attended to. Written orders should always be required unless the order is accompanied by cash.

6. *The Day-book* as has

(*a*) Already been noticed by this office includes cash transactions.

(*b*) Is posted as Debtor *by* and Creditor *to*, instead of Dr. to and Cr. by.

(*c*) The column for reference to Ledger folio appears between that for money items and that for the total. It should be next to the date on the left-hand side.

7. *The Cash-book*

(*a*) Is posted Dr. by and Cr. to.

(*b*) Contains items which are not genuine cash transactions, *e.g.*, A. B owes Rupees 10 to the gardens and the gardens owe Rupees 15 to him. This account is settled by a single cash transaction, viz., the gardens pay A B Rupees 5.

But the Cash-book is posted thus:—

Dr.		*Cr.*	
To A B	Rs. 10	By A B ...	Rs. 15

Again, when the garden receives payments by cheques or postage stamps discount is incurred by the garden, it cannot be recovered from the parties. In the Cash-book the gardens are debited with full receipt and credited with the discount they incur.

This manner of posting would be correct only if discount were defrayed from petty cash and full value of the cheque or stamps were received. What really occurs now is a short payment on account by parties who owe money.

8. *The Ledger*

(*a*) Need not be closed monthly but yearly.

(*b*) Should never be the original record of transactions, but should be actually posted up from Day-book and Cash-book.

Two items were found which show that it has not been actually so posted, *e.g.*, A B sends cash for flowers received. This was placed to his credit in the Ledger and the debit to which it corresponds was entered from memory; no corresponding entry being found on the credit side of the Day-book.

A wrong total was found in the Day-book, while the Ledger total of the same items was found correct.

9. The accounts are sent monthly to the Commissioner for audit who returns them after examination with a certificate of correctness. I would suggest that *the books themselves* should be initialled by the Commissioner as correct. At present there is no guarantee that the Auditor from this office sees the same set of books as that presented monthly to the Commissioner.

10. No Service Postage labels are used.

11. Having now remarked upon the accounts as they stand at present, I beg to submit two different ways by which the accounts of these gardens might be simplified:—

(A.) The first plan is one by which much copying would be avoided but which would retain every result of real importance which the present system exhibits.

Books of counterfoiled bill-forms might replace the Day-book and Ledger.

Dr. No. 27, Mr. Smith.				*Cr.* No. 27, Mr. Smith.				*Dr.*			
		Rs.	A.	P.			Rs.			Rs.	A.	P.
January 18th	To Flowers ...	5	0	0	Feb. 25	By cash ...	10	January 18	To Flowers ...	5	0	0
	,, Vegetables	2	8	0					,, Vegetables...	2	8	0
	,, Seeds ...	2	8	0					,, Seeds	2	8	0
	Total ...	10	0	0		Total ...	10		Total ...	10	0	0

The book would be provided with an index by means of which any account required could be traced at once, *e.g.*:—

Name.	Number of Counterfoils.
Mr. Smith	27. 58. 94. 101.

Every counterfoil of which the account was fully paid would have its corner clipped so that the remaining unpaid could be seen at a glance.

This plan recommends itself as adapted to an establishment like the gardens where (i) th sales mostly consist of a few annas worth of flowers for cash, and (ii) where there is but a single clerk who has charge of all correspondence besides many other duties in addition to keeping the accounts.

(B.) There is an other plan which would still further simplify the garden accounts, viz, to abolish the present system of defraying expenses out of sale proceeds of the garden, to give a permanent advance of Rupees 100 for petty cash expenses, and to let all receipts from the gardens be sent direct to the Treasury either in sums of Rupees 100, or weekly or in any way which may be found most convenient.

12. With regard to cost of constructing, repairing, &c., it is found that work can be done more economically by the Superintendent than by the District Engineer, for the reason that the Superintendent can employ labor which is already on the spot, and also make his own bricks in the gardens.

13. The accounts of Sim's Park, Coonoor, and Stonehouse Park are merely those of expenses incurred in laying out the ground, &c. There are no receipts from the Parks themselves. The expenditure is now shown under separate headings in the Cash-book.

II.—*The Chinchona Plantations.*

1. No complete audit could be effected for the reason that the vouchers were irregular, and many absent altogether, some had been sent to this office.

2. No regular system of account has yet been established for the Chinchona Plantations; that is, Government has not yet prescribed any complete set of forms.

3. The Superintendent, Mr. McIvor, for his own convenience and satisfaction. has attempted to ledgerise all transactions.

This Ledger is complete as regards the four large heads of the four Chinchona Estates, *i.e.*, each of these accounts shows clearly what sums each respective manager of an estate has received from the Superintendent and what expenses he has incurred.

4. The reason that the accounts are not complete in detail and therefore somewhat complicated is this. Custom obliges the managers of the estates to make advances to the laborers, which advances are made not only in money but in grain. These advances are recovered by being worked off; but as they are constantly being renewed, a running account has to be maintained with each laborer, which is not finally adjusted until the laborer leaves; and it not unfrequently happens that the man leaves somewhat unexpectedly by running away.

I beg to submit for approval a set of forms which will, I think, satisfy every requirement.

5. I would suggest that a stock account of bark stored and ready for sale should be maintained and that the Superintendent might be officially informed of the realizations upon the bark sold at home.

III.—*The Lawrence Asylum.*

The accounts for 1875-76 were examined and found correct with the exceptions named below:—

Entries in the Cash-book were checked against the counterfoil bill-forms; but for readier reference these should be numbered.

In the Acquittance Roll were found some instances where a complete acquittance had not been taken from the party paid. It should also bear the initials of the Principal in token of correctness.

The Cash-book (1) need not be closed daily but monthly; (2), it should be posted as Dr. to and Cr. by, not Dr. by and Cr. to; (3), a column should be provided for reference to the counterfoils.

The Counterfoils (1) should be numbered; (2), when items are remitted from the bills and short payment is accepted in full, corrections in red ink should be made on the counterfoil and bear the initials of the Principal.

The books should be self explanatory. During the examination of the Cash-book an item was found on the receipt side—Mr. Barnard, Rupees 75. The history of this item is as follows:—In May the Asylum determined to obtain their shoes by contract, instead of making their own. The stock of leather, &c., was valued from the original bills and by order of Committee was handed over to the Contractor. For this value, Rupees 1,240-13-10, no receipt or acknowledgment was given; and by verbal arrangement the Contractor pays a monthly instalment of Rupees 75. The

Committee allow a reduction of Rupees 500 from the debt as compensation for some building expenses incurred by the Contractor.

The Bank Account should be checked with the counterfoils monthly instead of quarterly. A discrepancy of 2 Pies exists between these, *i.e.*, the Bank paid 2 Pies less on one cheque than the amount shown on the counterfoil.

Subject to one or two perfectly clear adjustments, the Bank's books agree with the Cash-book of the Lawrence Asylum:—

1. A debt of Messrs. Arbuthnot and Co., of Rupees 18.
2. A cheque not yet presented.
3. An adjustment of Rupees 2 between the male branch and the female branch.
4. The abovementioned discrepancy of Pies 2.

The Permanent Advance.—A balance in excess of account was found, Rupees 7-3-8, when it was handed over to the Present Principal. This has been retained in the Cash-chest. It should now be sent to the Bank and credited to the Asylum.

No. 85. ORDER THEREON, 11th October 1876, No. 1822.

The Accountant-General submits with his letter the report of one of his Assistants on the Audit of the Accounts of the Ootacamund Government Gardens including Stonehouse and Sim's Parks, the Chinchona Plantations, and the Lawrence Asylum on the Nilgiri Hills.

2. The report on each subject should have been kept distinct. In future the report on the Government Gardens and Parks will be submitted separately from that on the Lawrence Asylum Accounts and the report on the Chinchona Plantation Accounts will also be kept separate and will be sent direct to the Revenue Department, to which Department the present report will be transferred for disposal.

3. A remarkable feature in the report submitted, which the Officiating Accountant-General has omitted to notice, is that it affords no information as to the receipts and expenditure for the period for which the audit was undertaken. He will arrange for future reports being accompanied by a clear statement of the audited receipts and charges compared with the Budget allotments for the year.

4. The Governor in Council considers it to be sufficient on the present occasion to approve the suggestions recommended by the Accountant-General, viz.:—

Botanical Garden.

That the Superintendent should arrange to receive all remittances, by postage stamps, free of discount.

That the personal heads of account in the Ledger should be reduced.

That the daily receipts should be entered under one head "Sale of produce." If sales are numerous, that a memorandum book should be kept in which every receipt of money shall be entered.

That the sales of vegetables, flowers, and seeds be shown separately in the Cash-book, and in separate columns in the Ledger under the specified head.

That all sale proceeds be remitted without deduction to the Treasury to credit of Provincial Services, and that all petty charges be met from a "Permanent Advance."

That an Order-book be kept for the entry of all orders for supplies.

5. The suggestion adverted to in paragraph 5 of the Officiating Accountant-General's letter will be referred to the Public Works Department for consideration.

Lawrence Asylums.

6. The remarks under this head will be communicated to the Committee of Management. On the Acting Accountant-General's concluding paragraph the Government observe that the Lawrence Asylum is not a purely Government Institution but is largely dependant on income derivable from a private endowment the control of which is vested in the Committee who are partly elective. No Budget Estimates are submitted to Government.

(True Extract.)

W. HUDLESTON,
Chief Secretary.

To the Accountant-General.
,, Revenue Department with the forms.
,, Public Works Department.
,, Commissioner of the Nilgiris.
,, Lawrence Asylum Committee.
Director of Public Instruction.

Exd. T. O'Connor.

4533.

Govt. of {1876} Madras.

FINANCIAL.

To THE ACCOUNTANT-GENERAL, &c., &c., &c.

Dated October, 11*th*.

Issued

Read. *Encl*.

G.O., 11*th October* 1876, *No*. 1822.

OCTOBER.
Nos. 84-85.

Audit of Accounts.—Auditor's report on the Accounts of the Ootacamund Government Gardens including the Stonehouse and Sim's Parks, the Cinchona Plantations and the Lawrence Asylum, Ootacamund.

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Proceedings of the Madras Government, Revenue Department,
17th April 1877.

No. 381. Read the following letter from R. W. LODWICK, Esq., Accountant-General, Madras, to the Hon. D. F. CARMICHAEL, Secretary to Government, Revenue Department, dated Fort St. George, 9th November 1876, No. 497:—

WITH reference to G.O., Financial Department, No. 1,822, dated 11th ultimo, I have the honor to forward, herewith, the report of my Assistant, Mr. H. S. Groves, on the audit of the accounts of the Cinchona Plantations at the Nilgiri Hills for the half-year ended 30th September 1876.

2. As pointed out by that gentleman, it is absolutely necessary that the cash-books maintained in the office of the Superintendent and by the Assistant Superintendents should be correctly written up, and that, in future, those of the Assistant Superintendents, when notice is sent from this office that an officer is to audit the accounts, should be sent for and retained at the head office. I also recommend that when there is no Superintendent one of the Assistant Superintendents should be required to be with the Auditor, to enable the latter to get the fullest information that may be required for a complete audit.

3. It will be seen from the report that during the lifetime of Mr. McIvor an account was opened in the Bank in his own name, and that the balance thereof has not yet been transferred to the new account. It appears to me that instructions should at once be issued to the Commissioner to make arrangements with the Bank authorities for the transfer of the amount standing in the name of the deceased to this new account, which, I understand, has been opened in the name of Mr. Rowson. But I would suggest that the account should be opened in the name of the Superintendent or Assistant Superintendent, Government Cinchona Plantations.

4. With regard to the figures given in paragraph 10, I beg to observe that the amounts shown as "drawn from the treasury" from June to September agree with the amounts shown in the treasury accounts of the Commissioner, but those for April and May, which are shown to be Rs. 6,139-8-0 and Rs. 5,939-8-0, respectively, differ from those given in the treasury accounts, in which the debits amount to Rs. 6,732-8-0 and Rs. 6,529-8-0, respectively. This discrepancy can only be cleared up by the production and examination of Mr. McIvor's private cash-book. The expenditure under the two heads (1) "Salaries and Establishment" and (2) "Travelling Allowances" is correct, but no bills have been received as yet in this office for "Conservancy and Working" charges.

5. In the report under consideration Mr. Groves brings to notice that advances are made to shopkeepers. This practice appears to be unnecessary and objectionable, and should, I submit, be discontinued.

6. The recommendation made in paragraph 16 that all sale proceeds from the plantations should be remitted to the treasury, to credit of Government, has my approval. These receipts should not be appropriated for expenditure by the Superintendent or the Assistants, and further I recommend, with a view to prevent delay in the submission of bills for conservancy and working purposes, that a sum of Rs. 4,000 be placed as a permanent advance, as suggested, at the disposal of the Superintendent or the Assistant Superintendent in charge. No disbursements should be made after the advance has been allowed, except upon presentation, duly

countersigned by the Commissioner, of bills for such charges. All outstandings under the existing system should be distinctly adjusted, and any balance of cash in hand refunded into the treasury.

ENCLOSURE No. 1.

From H. S. GROVES, Esq., Assistant to the Accountant-General, to R W. LODWICK, Esq., Accountant-General, Madras, dated 6th November 1876.

I HAVE the honor to submit, herewith, my report on the audit of the accounts of the Government Cinchona Plantations, Nilgiri Hills, for the half-year ending September 30th, 1876.

2. At the outset I would mention that this is the first occasion on which it has been possible to effect any audit at all; for, during the lifetime of Mr. McIvor, the late Superintendent of the Plantations, the accounts, such as they were, were kept by himself, mainly in a private cash-book, along with his own domestic accounts, and were consequently not open to public inspection. Even now the cash-book in question, which formed the primary and almost the only record of receipts and expenditure up to the time of his death, is not available for examination. Any audit of the accounts, therefore, was beset with peculiar difficulties, and these were increased by the fact that up to the present time no proper forms of account have been maintained, with the solitary exception of a cash account, and even this has been written up in such a careless, ignorant manner that little or no dependence can be placed upon it. Under these circumstances, and considering also the short time I had at my disposal for the work, I regret that my audit was not as complete and satisfactory as could be desired, and trust that any shortcomings which may appear in the following report will be received with corresponding indulgence. On the next occasion it will, it is hoped (if the recommendations here made be carried out), be possible to secure a more effectual audit.

3. The only books available for examination were the Cash-book and the Bank Pass-book. A separate cash-book is, I understand, maintained by each Assistant Superintendent, showing the receipts realized and expenditure incurred by him on account of the particular plantation of which he is in charge; and as these books constitute the original records of by far the greater part of the expenditure, it was very desirable that they also should have been submitted for examination. On inquiry, however, I found that they were out at the plantations; that they were sent to head-quarters only once a-month for inspection; and that it had not been thought necessary to obtain them in readiness for the present occasion. I would suggest that in future, at the time of the usual half-yearly audit, these books be kept at head-quarters for a few days, so as to be forthcoming if required; and further that, if possible, one of the Assistant Superintendents be also in attendance to answer any questions and explain any difficulties that may arise in the course of examining the books. This is the more necessary, as the Clerk in charge of the accounts at head-quarters, and who was the only one to whom I could refer for information, has not only a most imperfect knowledge of accounts, but professed also to be quite in the dark as to the nature of many items of expenditure on which I questioned him.

4. The cash-book which was submitted to me for examination has been in existence only since the 1st June last, or a few days before Mr. McIvor's death. Of previous receipts or expenditure there is, as I have already said, absolutely *no* record, *i.e.*, no connected record. A rough check is furnished as regards the receipts by the Bank Pass-book, and as regards the expenditure by the Bank Pass-book, and copies of the detailed contingent bills combined; but there is no *one* record showing clearly and unmistakably all that was actually received on the one hand, and all that was actually paid on the other; and without a single record of this kind it is hardly possible to effect a satisfactory audit.

5. It is impossible, for instance, to say what balance was actually due to Government at the end of May. The Bank Pass-book shows Rupees 3,415-2-5, whereas a careful investigation of such independent records as are available brings out a balance of Rupees 10,000 at least to be accounted for (Rupees 13,098-4-3). Of this it is supposed, and perhaps with reason, that a large

amount is represented by advances recoverable; still, without any record of such advances, or their precise amount, it is impossible to arrive any nearer at a correct balance.

6. All this confusion has clearly arisen, in great measure, from the fact that Mr. McIvor was allowed, as I understand, to draw month by month large sums from the treasury, on a simple *estimate* of expenditure, without submitting any *account* (in the form of contingent bill) of expenditure so incurred for months, and sometimes for as much as a *year*, after receipt of the money. After such a lapse of time it was found difficult to check the bills; and when written to for an explanation, Mr. McIvor either could not afford any or put it off, but was meanwhile allowed to continue drawing on the treasury *ad libitum*.

7. Even the balance of Rupees 3,415-2-5 above mentioned is not yet available for Government purposes, owing to the account in the Bank having been opened by Mr. McIvor in his own name. No opening balance accordingly appears in the cash-book on 1st June.

8. All entries in the cash-book from June to September inclusive were carefully checked, as far as time permitted, by comparison with entries in the Bank Pass-book, and by reference to such vouchers as were forthcoming. This check, however, was carried out with great difficulty, for no method whatever had been observed in arranging vouchers, and these were often incomplete or altogether wanting; moreover, the expenditure incurred by the several Assistant Superintendents on their respective plantations was generally entered in lump sums, the particulars of which could only be fully gained by reference to the subordinate cash-books of those officers, and these, as already stated, were not available for examination. There was no record, too, of advances outstanding with which to compare the amounts noted as recovered from time to time. It is presumed that such records are kept by the Assistant Superintendents for their own benefit, but I could not ascertain that it was so as a fact, and certainly no information on the subject appears to be sent by them regularly to head-quarters. One fact, however, in connection with these advances transpired during the course of my inquiries, and deserves, I think, to be brought to notice. Advances, I understand, are made not only to laborers, in which case they may be allowable and even necessary, but also to shopkeepers in anticipation of goods to be supplied by them. In the latter case it is not clear why advances should be made at all, as shopkeepers are, as a rule, sufficiently thankful if they receive payment on delivery of goods, and are hardly utopian enough to expect, much less to require, payment beforehand. Public money is thus kept needlessly unemployed when it might be diverted to important uses; and besides the difficulty of checking recovery of such miscellaneous advances, it is hard to say at any one time how much of them is really recoverable, for the shopkeepers might prove insolvent before delivery of the goods—quite a *possible* event—and then the greater part, if not the whole, of the money advanced to them would probably have to be written off to profit and loss. I would suggest, therefore, that the Assistant Superintendents be called upon to explain fully the nature and object of the advances made by them, and that such advances be restricted within the smallest possible limits. Further, that a separate account be kept by them and rendered to head-quarters of all advances as they are made, with date and full particulars; showing also the amounts recovered from time to time, and how adjusted.

9. So much for the *nature* of the items appearing in the cash-book. As regards the way in which the book is kept, my report must be still less satisfactory. The Accountant, as previously stated, knows very little of his business, even though that business is confined in the present case to the keeping of a simple cash-book. For instance, when coolies are paid and advances are recovered at the time of payment, instead of simply crediting the cash account with the *net* amount actually paid, he credits it with the gross amount due to the coolies, and shows the recoveries on the other side; thus betraying total ignorance of the very nature of a cash account. When called upon to explain why he did this, he replied that it was in order to preserve a record in the accounts of what was due to the coolies, and of what was recovered from them; as though this was any object of a cash account, and as if the same object could not be effected in another, and more regular, way! Again, Rs. 137-10-8 was paid in September to Mrs. McIvor on account of her late husband's salary and travelling allowance for the first seven days of June, but no note

whatever of this transaction appears in the cash-book. Had I not stumbled upon it quite accidentally in another way, I should never have known of it. The Accountant alleges, as the reason of the omission, that the money was paid direct to Mrs. McIvor, and did not pass through his own hands; but, however this may be, it is plain that unless the cash-book records *all* expenditure without exception incurred on account of Cinchona Plantations, it is almost worthless as a record, for its results can never be depended upon. Other instances of the same kind might be adduced, but these will suffice. I should state, however, in fairness to the Accountant, that his mistakes appear often to arise from the very confused and irregular nature of the returns of receipts and expenditure forwarded to him by the Assistant Superintendents.

10. Having noticed the accounts themselves, I have next to submit a statement of receipts and expenditure on account of Government Cinchona Plantations for the six months under review, as far as these could be gathered from the books and scattered papers to which I had access.

Receipts.

Month.	Drawn from the Treasury.	Other Receipts.	Total.
	RS. A. P.	RS. A. P.	RS. A. P.
Balance in Bank on 1st April (Account to Pass-book)	.....	.....	4,302 10 10
April	6,139 8 0	.....	6,139 8 0
May	5,939 8 0	.....	5,939 8 0
June	6,532 8 0	.....	6,532 8 0
July	3,786 2 8	1,268 12 11	5,054 15 7
August	4,092 13 4	300 8 0	4,393 5 4
September	5,077 2 8	31 5 4	5,111 8 0
Total ...	31,567 10 8	1,603 10 3	37,473 15 9

Expenditure.

Month.	Salaries and Establishment.	Travelling Allowances.	Conservancy and Working.	Total.
	RS. A. P.	RS.	RS. A. P.	RS. A. P.
April	1,439 8 0	93	8,028 4 2	9,560 12 2
May	1,439 8 0	90	2,446 14 8	3,976 6 8
June	1,439 8 0	93	2,206 0 11	3,738 8 11
July	786 2 8	...	3,153 14 4	3,940 1 0
August	1,092 13 4	...	3,641 7 8	4,734 5 0
September	1,056 2 8	21	4,190 6 9	5,267 9 5
Total ...	7,253 10 8	297	23,667 0 6	31,217 11 2
Budget Estimate, 1876-77 ...	17,274 0 0	1,100	45,176 0 0	63,550 0 0

11. The amount shown as the opening balance on 1st April, viz., Rs. 4,302-10-10, is taken from the Bank Pass-book; but, as already explained (paragraph 5), this balance is probably far from correct. The amounts shown as "drawn from the treasury," are the sums drawn month by month from Government, not only to meet fixed and certain payments (salaries and travelling allowances), but also to cover the fluctuating expenditure *expected* to be incurred during the month on conservancy and working; for the latter, of course, only a rough estimate could be framed, and, as remarked above (paragraph 6), the particulars of charges actually incurred have not hitherto been rendered with that promptitude which is desirable in order to ensure a proper audit. The amounts shown as "other receipts" for the most part represent sale proceeds of

13

plants; but nearly Rs. 600 is on account of advances recovered. It will be noticed that no receipts of this nature appear for the months of April, May, and June; not that no such receipts were realized in those months, but none were traceable in the books and scattered papers to which I had access. Probably Mr. McIvor's private cash-book, if forthcoming, would throw light upon the matter.

12. The expenditure during the months under review has been ascertained, as far as possible, by a careful comparison of the books and papers submitted for examination; but the results must, for the reasons already assigned (paragraphs 2 and 4), be regarded as only approximately correct. The several scattered items appearing in the accounts have been classified under a few well-defined heads, and the budget grants for the same heads have been appended for comparison.

13. Comparing the total receipts and the total expenditure for the six months, the former would appear to be Rs. 37,473-15-9 and the latter Rs. 31,217-11-2, giving a net balance on September 30th of Rs. 6,256-4-7.

14. On the other hand, the balance shown by the cash-book on the same date is only Rs. 5,257-13-2, or Rs. 998-7-5 less. To this, however, must be added the balance in the Bank on 31st May, for which credit has not been taken (see paragraph 7), so that the true cash-book balance would appear to be Rs. 8,672-15-7, or Rs. 2,416-11-0 *more* than the balance independently worked out. This difference in the results is much to be regretted, but owing to the careless way in which the cash-book had been kept, and the scattered nature of documents I had to refer to, it was found impossible, in the time at my disposal, to clear it up. It will be seen, however, that I arrive at a balance of Rs. 2,844-8-0 only at the end of May instead of Rs. 3,415-2-5, the actual balance in the Bank on that date, and here taken into account; so that this would explain Rs. 570-10-5 of the difference, which may, perhaps, be set down to departmental receipts not directly traceable (paragraph 11).

15. Again, the balance in the Bank on September 30th, according to the pass-book, was Rs. 5,560-1-11, to which should be added the sum of Rs. 3,415-2-5 not yet available, giving a total balance of Rs. 8,975-4-4. This is Rs. 303-11-3 *more* than the balance given by the cash-book; but, assuming the latter result to be correct, this difference may fairly be set down to cheques still outstanding.

16. In conclusion, I would recommend, as essential to secure an effectual audit, that in future all receipts as they are realized be at once paid into the treasury to the credit of Government; and that contingent expenditure be met, whenever necessary, from a fixed permanent advance, to be recouped on presentation of contingent bills. I am aware that such an advance would require to be a large one, not to cause inconvenience; but there would seem to be no objection to this, as long as it was regularly accounted for, considering that even at present several thousand rupees are advanced at the commencement of every month on a simple estimate of expenditure. It is highly desirable that the money to be accounted for be at all times known without a lengthy examination of accounts or other documents; and besides, it seems to me that nothing would tend more to ensure the regular submission of contingent bills on the part of the officers concerned than the consciousness that no more money could be obtained till such bills had been submitted. It is possible that difficulties, of which I am unaware, may prevent this proposal from being entertained in the present case; but I would strongly urge its being carried out, if practicable.

17. As regards the forms of account to be maintained for Cinchona Plantations, there is still, as will have appeared in the course of my report, more room for improvement. I have nothing to add on this head to the recommendations of my predecessor, Mr. Crawley; those recommendations would, I think, if carried into effect, ensure a full and sufficient account of all pecuniary transactions, and render it possible in future for an audit to take place with promptitude and accuracy.

No. 382. Proceedings of the Madras Government in the Financial Department, dated 11th October 1876, No. 1,822.

ABSTRACT.—Auditor's report on the Accounts of the Ootacamund Government Gardens including the Stonehouse and Sim's Parks, the Cinchona Plantations and the Lawrence Asylum, Ootacamund.

No. 383. ORDER THEREON, 17th April 1877, No. 1,454.

Miscellaneous.

HIS GRACE the Governor in Council regards the state of things disclosed in the above papers as very unsatisfactory, and demanding a searching inquiry on the part of the Acting Commissioner, to whom these papers will now be communicated, with a view to the clearing up of the discrepancies noted by the Auditor. The Accountant-General is requested to place at the disposal of the Commissioner for this purpose a thoroughly efficient Accountant. The work of this Clerk will be in connection with the approaching audit, which should embrace the complete examination of the accounts for the year.

2. Mrs. McIvor will be requested to be good enough to place at the disposal of the Accountant-General the cash-book referred to, and thus enable him to make his audit complete, so that a full acquittance may be granted in regard to her late husband's estate.

3. The Commissioner will arrange at once for the transfer of the accounts now standing in the individual names of the person or persons managing to an official account in the name of the Superintendent, Cinchona Plantations.

The Auditor's suggestions in regard to the immediate payment of all receipts into the Bank, the grant of a permanent advance for the contingent expenses of each plantation, and the adoption of the forms drawn up by the previous Auditor, are generally approved. As regards the forms of account, however, to be kept on each estate, the object should be to simplify them to the utmost. A cash-book and estate diary would probably suffice to be kept upon each estate, the tabulating of results, &c., being done elsewhere, as may be arranged by the Commissioner.

4. The Commissioner, in communication with the Accountant-General, will make arrangements for starting the new system of accounts at once.

5. The audits should be conducted on each estate. His Grace the Governor in Council does not approve the removal of the estate books from the estate offices for purposes of audit, in that it opens the door for errors in the interim.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Offg. Chief Secretary.

To the Commissioner of the Nilgiris.
,, the Accountant-General.
,, the Financial Department.
,, the Board of Revenue.

Ed. A. F. Goodall.

Govt. of {1877} Madras.

REVENUE.

To

THE COMMISSIONER OF THE NILGIRIS.

&c., &c., &c.

Dated April 17th.

Read.

Encl.

G.O., 17th April 1877, No. 1,454.

APRIL.

Nos. 331—333.

Accounts of the Cinchona Plantations.—Communicating to the Acting Commissioner of the Nilgiris papers relating to the audit of the — in view to clearing up the discrepancies noted by the Auditor and the introduction of the new system of accounts from the beginning of the official year.

Proceedings of the Madras Government, Revenue Department, 25th August 1875.

No. 261. Read the following letter from A. O. HUME, Esq., C.B., Secretary to the Government of India, Department of Revenue, Agriculture, and Commerce, (Agriculture and Horticulture,) to the Hon. D. F. CARMICHAEL, Acting Chief Secretary to the Government of Madras, dated Simla, 11th August 1875, No. 285 :—

As a memoir is under compilation on the subject of Cinchona cultivation in India, I am directed to request that, with the permission of His Excellency the Acting Governor in Council, you will be good enough to cause the Government of India to be furnished with the following information :—

(1.) A tabular statement of the number of Cinchona trees of all varieties in the plantations at Neddivuttum, Dodabetta, and Pykara, with the acreage in base and surface measurement at the latest date up to which a return can be given.

(2.) A statement showing the total cost of the Nilgiri plantations to date under the following heads :—

General—

Charges for direction and office establishment.

" Propagation Department.

Special—

Expenditure at Neddivuttum.

" Dodabetta.

" Pykara.

" Mailkoondah.

(3.) A statement of the total amount paid to Mr. Broughton as salary, &c.

(4.) A statement showing the expenditure on Mr. Broughton's Factory from 1st January 1874 to date of his retirement; and also the amount of alkaloid made from 1st January 1874 to date of final closing of Factory.

2. I am, also, to request that you will be good enough to state the exact height above the sea of the stations at Ootacamund and Neddivuttum where the meteorological observations given in Mr. McIvor's reports were made, and whether Mr. Broughton's pay and the charge of Rupees 48,870-8-0, incurred by the Nilgiri Cinchona plantations on account of convict-labor, is included in the sum of Rs. 6,46,835 which is put down as the total cost of the plantations to 31st March 1873.

No. 262. ORDER THEREON, 25th August 1875, No. 1,286.

Miscellaneous.

REFERRED to the Commissioner of the Nilgiris for report.

(True Extract.)

(Signed) A. MACGREGOR,
Acting Secretary to Government.

To the Commissioner of the Nilgiris.

Exd. F. R. Bantlemen.

Govt. of Madras.

REVENUE.

To

The COMMISSIONER of the NILGIRIS.

Fort St. George, August 25th.

Dated.

G.O., 25th August 1877, No. 1,589.

AUGUST.

Nos. 261-262.

Cinchona Cultivation in India.—Referring to the Commissioner of the Nilgiris for report letter from the Government of India requesting certain information for insertion in a memoir under compilation on —.

19

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

27th August 1877, No. 2,589.

Read the following paper:—

No. 398. From the Accountant-General, Madras, to C. G. MASTER, Esq., Secretary to Government, Revenue Department, dated Fort St. George, 19th July 1877, No. 462.

I HAVE the honor to acknowledge the receipt of the Orders of Government, No. 2,209, of the 4th instant, and beg to refer to paragraph 3 of my letter, No. 270, of the 8th ultimo, in which it was reported that there are no means of knowing what amount was realized from the proceeds of sales of plants, seeds, &c., consequently it is not possible to scrutinize what was received by the late Mr. McIvor from these sources, and to report upon them.

2. Mr. Beeby has concluded his investigation, having gone through all that could be done with the means at his disposal. His work has been limited to the preparation of the accounts for 1876-77 preparatory to the audit of that year's accounts as contemplated in G.O., No. 1,454, of 17th April 1877, Revenue Department, paragraph 1, and in ascertaining the balance accountable for by the deceased. This balance, as far as information is at present available, has been reported in the Account Current already submitted to Government.

3. In the order under acknowledgment it appears that no opinion can be formed as to the proper course to be followed until the accounts from the *first* between the Government and the late Mr. McIvor are reported on. I request the favor of being informed if the examination of the accounts from the commencement is required of this department, and I would add that, unless Mr. McIvor's books and accounts are forthcoming, it seems impossible to determine the amount of seed and plant sales.

No. 399. ORDER THEREON, 27th August 1877, No. 2,589.

Miscellaneous.

THE Accountant-General is referred to G.O., 22nd May 1876, No. 658, wherein he was instructed to furnish a complete financial statement of the cost of the Cinchona Plantations from the beginning of the enterprise to the close of the year 1874-75. The Government still require this statement to be prepared and submitted without delay, and the Account Current should also embrace the two following years, as the Government of India in their letter, dated the 1st August 1877, No. 167, have again called for a statement of capital expenditure up to date.

2. As Mrs. McIvor has declined to permit access to the private account books of her late husband, it may not be possible to prepare from the other material that exists so complete a statement as is to be desired; but the Accountant-General will satisfy himself what amount, if any, seems *prima facie* due from the late Superintendent's estate to Government, in view to a demand being, if necessary, made upon his executors for payment.

(True Extract.)

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

To the Accountant-General.
,, the Board of Revenue.
,, the Commissioner of Nilgiris.

Exd. T. O'Connor.

Govt. of {1877} Madras.

REVENUE.

To

THE ACCOUNTANT-GENERAL,

&c., &c., &c.

Dated August 27th.

Rcvd.

Encl.

G.O., *27th August* 1877, *No.* 2,589.

AUGUST.

Nos. 393-399.

Cinchona Plantations.—Informing the Accountant-General that the Government still require a complete financial statement of the cost of the — from the beginning of the enterprise to the close of the year 1874-75, and requesting him to embrace the two following years also.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

4th July 1877, No. 2,209.

Read the following papers:—

No. 101. From L. C. PROBYN, Esq., Accountant-General, Madras, to C. G. MASTER, Esq., Officiating Secretary to Government, Revenue Department, dated Fort St. George, 25th May 1877, No. 219.

In continuation of my letter, No. 109, of the 25th ultimo, recorded in G.O., Revenue, No. 1,604, of the 1st instant, I have the honor to submit, for the orders of Government, copy of a letter from the Acting Commissioner of the Nilgiris, No. 38 of 22nd idem, replying to inquiry made by me as to whether he had obtained from Mrs. McIvor the cash-book kept by the late Mr. McIvor, and whether moneys in the Bank in the name of the latter and of Mr. Rowson in connection with the Cinchona Plantations had been transferred to the new account as directed in paragraph 3 of G.O., 17th April 1877, No. 1,454. It will be seen that as regards the balance of moneys with Mr. Rowson, the same has been transferred to an account in the name of the Officiating Commissioner, but that officer has been unsuccessful in obtaining the cash-book, and has not recovered the sum of Rupees 3,415-2-5 referred to in the last audit report of Mr. Groves, dated 6th November 1876, paragraph 15.

ENCLOSURE No. 1.

From A. McC. WEBSTER, Esq., Acting Commissioner of the Nilgiris, to L. C. PROBYN, Esq., Accountant-General, Madras, dated Ootacamund, 22nd May 1877, No. 38.

With reference to your memorandum of 11th instant, No. 1,512, I have the honor to forward, for your information, copies of correspondence between myself and Mrs. McIvor, from which you will perceive that the latter declines to submit her late husband's private cash-book for inspection. I have therefore requested your Accountant to prepare from the accounts of money drawn from the Bank and of sums accounted for by bills a statement showing the sum due by the late Mr. McIvor at the time of his death, and when it is prepared it will be sent to Government through you for orders. The sum of Rupees 3,415-2-5, alluded to by you as the balance due by the late Mr. McIvor, will probably be considerably increased when the scrutiny of the accounts is completed, and it is unadvisable, therefore, to take any action to recover it now.

2. Since 5th November the Superintendents of the Estates have not kept separate banking accounts. Mr. Rowson on that date having transferred Rupees 3,860, the balance of his account, to the Commissioner, the amount has been credited to the Officiating Commissioner in charge of the Cinchona Departments, and will, when the accounts are finally made up, be transferred to the Government General Account.

ENCLOSURE No. 2.

From A. McC. WEBSTER, Esq., Acting Commissioner of the Nilgiris, to Mrs. A. McIVOR, dated Ootacamund, 24th April 1877, No. 17.

As the audit of the accounts of the Cinchona Department for the year ending 31st March 1877 will shortly take place, and as I have been directed to get the accounts ready, I have the honor to request that you will be good enough to place at the disposal of the Accountant-General the private cash-book of the late Mr. McIvor and his No. 1 Bank Account for that period, in order that the audit may be made complete and a full acquittance may be granted in regard to your late husband's estate.

2. You are, I presume, aware that during your late husband's lifetime no separate cash account of the Government Cinchona Department was kept, and that transfers were sometimes made from his No. 1 Bank Account to the No. 2 Bank Account, and *vice versâ*, so that an audit cannot be complete without an inspection of his private cash account and his No. 1 Bank Account.

ENCLOSURE No. 3.

From A. McC. WEBSTER, Esq., Acting Commissioner of the Nilgiris, to Mrs. A. McIVOR, dated Ootacamund, 5th May 1877, No. 24.

AN Accountant from the Accountant-General's Office having arrived to audit the accounts, I have the honor to call your attention to my letter of 24th April 1877, No. 17.

ENCLOSURE No. 4.

From Mrs. A. McIVOR, to A. McC. WEBSTER, Esq., Acting Commissioner of the Nilgiris, dated Ootacamund, 7th May 1877.

I HAVE the honor to acknowledge the receipt of your letter, No. 17, dated 24th ultimo, and regret that I am unable to send you my late husband's private cash-book and Bank pass-book. Shortly after Mr. McIvor's death Mr. McNair, Office Manager of the Cinchona Department, asked in the Commissioner's name, and got from me, detailed statements of all cash transactions in Mr. McIvor's books connected with the department.

2. I am not aware of any transfers from one of Mr. McIvor's Bank accounts to the other, but should I be in error in this, the Bank pass-book No. 2, which is in your possession, will show it. The Bank pass-book No. 1 can only have the same entry on the other side of the account.

No. 102. From L. C. PROBYN, Esq., Accountant-General, Madras, to C. G. MASTER, Esq., Secretary to Government, Revenue Department, dated Fort St. George, 8th June 1877, No. 270.

ADVERTING to my letter, No. 219, of the 25th ultimo, I have the honor to report that, in his letter, No. 41, of 26th idem, the Commissioner of the Nilgiris intimated that Mr. Beeby, who had been deputed from this office, furnished him with a detailed result of the examination of the Cinchona Plantation Accounts for 1876-77, and that he had arrived at the conclusion that at the time of the death of Mr. McIvor there was a balance of money drawn from the Government Treasury to the extent of Rupees 5,861-4-8 to be accounted for.

2. The accompanying account prepared in this office gives an abstract of all sums paid to the late Mr. McIvor from 1866-67, and of all charges which have been adjusted against these advances, exclusive of moneys drawn and disbursed by him for salary, travelling allowances, and fixed establishment charges. The account, it will be seen, shows the balance above specified, viz., Rupees 5,861-4-8 against the sum of Rupees 3,415-2-5 only shown in the pass-book of the deceased.

3. It is proper to point out that besides the advances Mr. McIvor should have been debited with receipts from proceeds of sales of plants, seeds, &c.; but as there are no means of knowing what these were, it is impossible to complete the account. In the ten months of 1876-77, during which the management was under the Commissioner, the receipts from such sales amounted to Rupees 2,493-8-10 (of which Rupees 1,463-2-10 were remitted to the treasury and Rupees 1,030-6-0 were wrongly retained by the Assistant Superintendent for expenditure); it seems, therefore, certain that in this long period of years considerable sums must have been received by Mr. McIvor on this account.

4. I purpose to address Government separately regarding the accounts of the Cinchona Plantations since Mr. McIvor's death and for the future, but I have taken up his accounts separately, as it appears necessary to settle whether legal proceedings should not be taken against the executors to compel them to give an accurate account of his transactions with Government and to recover the amount shown in the account now submitted to be due, as well as any further sums which may hereafter appear due.

Dr. Mr. McIvor in Account Current with Government on account of Cinchona Plantations. *Cr.*

		Rs.			Rs.	A.	P.
1866-67	Advances made...	56,120	1866-67	By amount adjusted in detailed bills.	26,534	7	11
1867-68	Do. ...	45,900					
1868-69	Do. ...	31,100	1867-68	Do. do. ...	44,944	6	2
1869-70	Do. ...	19,150	1868-69	Do. do. ...	32,187	15	2
1870-71	Do. ...	5,250	1869-70	Do. do. ...	18,353	7	3
1871-72	Do. ...	11,800	1870-71	Do. do. ...	30,316	4	10
1872-73	Do. ...	15,908	,,	By amount written off as per G.O., No. 1,987, dated 9th December 1870.	1,527	0	6
1873-74	Do. ...	14,533					
1874-75	Do. ...	17,500	1871-72	By amount adjusted by detailed bills.	11,073	1	1
1875-76	Do. ...	27,500	,,	By amount written off as per G.O., No. 1,583, dated 24th October 1871.	188	0	0
1876-77	Do. in April and May.	10,200	1872-73	By amount adjusted by detailed bills.	17,232	14	4
			1873-74	Do. do. ...	15,944	3	0
			1874-75	Do. do. ...	12,834	4	4
			1875-76	Do. do. ...	21,243	8	5
			1876-77	Do. do. April and May.	10,475	2	4
				By amount advanced to Mr. Rowson.	5,945	0	0
				By amount advanced to Narrainsawmy.	300	0	0
				Balance due by Mr. McIvor's estate.	5,861	4	8
	Total ...	2,54,961		Total ...	2,54,961	0	0

FORT ST. GEORGE,
8th June 1877.

(Signed) L. C. PROBYN,
Accountant-General.

No. 103. ORDER THEREON, 4th July 1877, No. 2,209.

Miscellaneous.

HIS GRACE the Governor in Council can form no opinion as to the proper course to be followed until all accounts from the first between Government and the late Mr. McIvor, including the account of seed and plant sales, have been scrutinized and reported on. The Government await the report on the results of Mr. Beeby's investigation, which should be pressed on rapidly.

(True Extract.)

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

To the Accountant General.
,, the Commissioner of the Nilgiris.
,, the Board of Revenue.

Exd. A. F. Goodall.

Dept. of 1877 Collection.

REVENUE.

To THE ACCOUNTANT-GENERAL,

&c., &c., &c.

dated July 4th.

Recd.

Encl.

G.O., 4th July 1877, No. 2,209.

JULY.

Nos. 101—103.

Cinchona Accounts.—Intimating that no decision can be formed as to the proper course to be followed until all the—have been scrutinized and reported on; and awaiting the report on the result of Mr. Beeby's investigation into the accounts.

Proceedings of the Madras Government, Revenue Department,
1st May 1877.

No. 7. Read the following letter from L. C. PROBYN, Esq., Accountant-General, Madras, to the Hon. D. F. CARMICHAEL, Officiating Chief Secretary to Government, Fort St. George, dated 25th April 1877, No. 109:—

WITH reference to G.O., Revenue Department, No. 1,454, dated 17th instant, I have the honor to report that I will depute Mr. A. Beeby, an Accountant of this office, to proceed to Ootacamund and place himself under the orders of the Commissioner of the Nilgiris to prepare the accounts of the Cinchona Plantations from 1st April 1876, and to put them on a proper footing. When this work shall have been completed I will make the necessary arrangement for the audit of the accounts in question for the entire past official year.

2. As it will be necessary to arrange for the temporary performance of Mr. Beeby's work, I solicit the sanction of His Grace in Council to the entertainment, for the time, of an extra hand in his place on the usual deputation allowance.

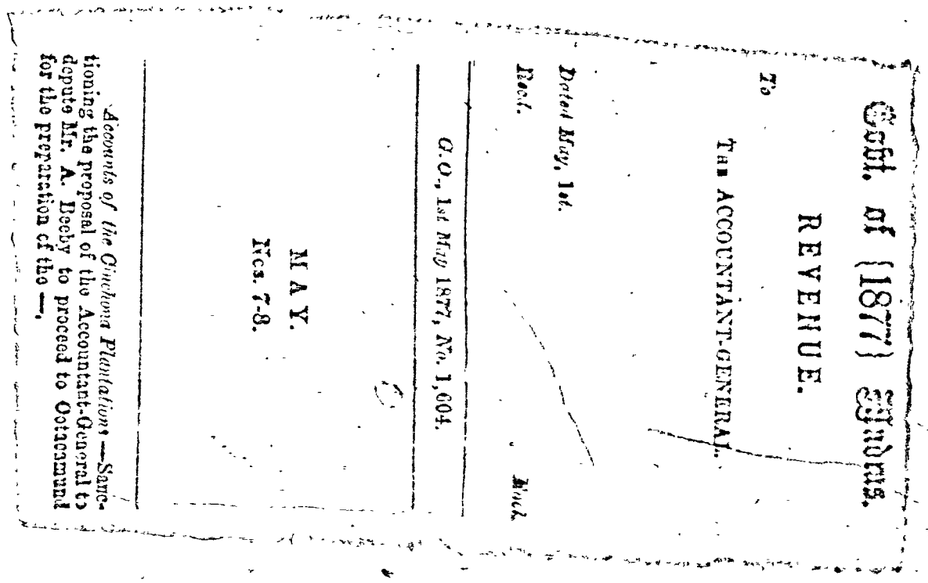
No. 8. ORDER THEREON, 1st May 1877, No. 1,604.

Miscellaneous. SANCTIONED.

(True Extract.)
(Signed) D. F. CARMICHAEL,
Offg. Chief Secretary.

To the Accountant-General.

Exd A. F. Goodall.


Cost. of (1877) Expns.
REVENUE.
To
The ACCOUNTANT-GENERAL.
Dated May, 1st.
Rect.
Read.
G.O., 1st May 1877, No. 1,604.
M A Y.
Nos. 7-8.
Accounts of the Cinchona Plantations.—Sanctioning the proposal of the Accountant-General to depute Mr. A. Ecby to proceed to Ootacamund for the preparation of the —.

27

No. 278. Read the following letter from J. R. COCKERELL, Esq., Commissioner of the Nilgiris, to the Hon. D. F. CARMICHAEL, Secretary to Government, Revenue Department, Fort St. George, dated Ootacamund, 21st October 1876, No. 68 :—

G.O., No. 658, Revenue Department, dated 22nd May 1876, points out a difference in the expenditure on the Government Cinchona Plantations on the Nilgiris as rendered by the Cinchona Department and the Accountant-General up to 31st March 1875, of from Rs. 18,000 to Rs. 20,000, and observes further that the Jail Department affirms a claim against the plantations of Rs. 72,000, while the Cinchona Department considers there is no such claim. The order directs the Commissioner of the Nilgiris, the Inspector-General of Jails, and the Superintendent of Cinchona Plantations to meet under the presidency of the Hon. Sir William Robinson, and endeavour to reconcile these "apparent discrepancies."

2. The discrepancy between the accounts rendered by the Accountant-General and the Cinchona Department can only be reconciled when an officer of the Account Department goes into the Cinchona accounts on the spot. This is about being done. It will possibly appear that the difference is owing to the Government Botanical Garden accounts having been mixed up with the Cinchona accounts, as is stated in the Government Order under report from 1860-61 to 1863-64, both years inclusive.

3. The Superintendent of Cinchona Plantations died in June last. The other officers referred to met the Hon. Sir William Robinson on the 4th instant.

4. In my letter in the Government Order under report I wrote: "The convict labor was paid for to the Prison and Police authorities at their departmental rates. The sum thus paid amounted to Rs. 73,993." The statement was made under a misapprehension of the facts.

5. By G.O., No. 1,388, Revenue Department, dated 3rd August 1864, the expediency of employing convict labor on the Cinchona Plantations with reference to the scarcity of free labor on the Nilgiris was declared, and the Superintendent of the Plantations was directed to submit estimates for buildings to house the convicts.

6. By G.O., dated 8th September 1864, No. 1,340, Judicial Department, an estimate of Rs. 21,255-5-0 for the buildings was sanctioned.

7. With reference to the convicts the arrangements made are detailed in a letter from the Inspector-General of Jails, then Mr. Rohde, dated 13th August 1864, No. 151. Mr. Rohde recommended *inter alia* that ordinary food and clothing and guards as in the Zillah Jail should be provided in the Prison Department, that indulgences should be paid for by the Superintendent of the Plantations, and that the whole cost of the prisoners in excess of that at which they were kept in the jails from which they were transferred should also be paid from the Cinchona estimate.

8. On the 21st February 1866, Lieutenant-Colonel Wilson was appointed Inspector-General of Jails. Lieutenant-Colonel Wilson reported in his letter to Government, printed in G.O., dated 23rd March 1866, No. 425, that the cost of a convict in the plains was Rs. 51-11-11, on the Hills Rs. 138-6-5 per annum.

9. Convicts were employed on the plantations from 1865-66 to 1868-69, both years inclusive. The cost to the Jail Department was Rs. 21,807-1-8. This sum represents about Rs. 78 per head per year. The difference between this cost and the cost of convicts in the plains is owing to additional clothing being supplied and to the food costing much more.

10. The average daily number of prisoners located at Dodabetta in the years under notice was 73¼. Taking each man as costing Rs. 138 as stated above, the Jail Department paid out of this sum Rs. 78 and the Cinchona Department Rs. 60. As the convicts were employed for four years and the daily average was 73¼, the outlay incurred by the Cinchona Department on convicts at this plantation was, say, Rs. 18,000.

11. At Neddivattam the convicts were employed also for four years and the average daily strength was 153. Taking the same difference as in the case of Dodabetta, the money spent on convict labor at Neddivattam by the Cinchona Department was, say, Rs. 37,000.

12. These disbursements represent the cost of guarding. They aggregate Rs. 55,000 of the expenditure from the Cinchona estimates shown in the Government Order under reply as Rs. 73,993.

13. Rs. 19,000 remain to be accounted for. In his letter quoted above Mr. Rohde proposed the prisoners should receive indulgences in order to induce them to work with spirit. He estimated the cost at 6 Pies per day per man. About 1,08,000 prisoners were employed in all at Dodabetta, and in their case indulgences on the scale laid down cost, say, Rs. 3,400. At Neddivattam in all 2,15,380 prisoners were at work, and their indulgences on the scale of 6 Pies cost, say, Rs. 6,730.

14. It is believed, however, that indulgences aggregated a great deal more than 6 Pies per day, and that Rs. 18,000 represent the money spent on them and on charges extra to guarding charges, such as the pay of Apothecaries, &c. It is known, for instance, that the Assistant Superintendent at Neddivattam received Rs. 50 per mensem for superintending the convicts at their work.

15. The Government Order under report refers to charges incurred by the Jail Department in connection with Pykara. It is understood the convicts employed there were under the Public Works Department, and that department paid for the labor. This item must be expunged as respects the Cinchona Department.

16. No convicts were even located at Mailkondah.

No. 279. ORDER THEREON, 16th November 1876, No. 1,697.

Miscellaneous.

THE Government is satisfied with the explanation as respects these jail and convict charges, and directs that in the capital and revenue accounts of the Cinchona Plantation Rs. 1,46,000 be entered as charge for convicts instead of Rs. 74,000 as shown by the Superintendent.

2. The discrepancy of Rs. 15,000 to Rs. 20,000 in the Accountant-General's statement should be referred for further examination, as suggested in the Commissioner's letter.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Secretary to Government.

To the Board of Revenue.
„ the Commissioner of the Nilgiris.
„ the Accountant-General.

Exd F. R. Bantleman.

27

Govt. of Madras.

REVENUE.

To

THE BOARD OF REVENUE.

&c, &c., &c.

Dated November 16th.

Read.

Encl.

G.O., 16th November 1876, No. 1,697.

NOVEMBER.

Nos. 278-279.

Accounts of the Cinchona Department.—Expressing satisfaction in regard to the explanation in respect to the jail and convict charges in the —, and referring for further examination the discrepancy of Rs. 15,000 to Rs. 20,000 in the Accountant-General's statement.

Proceedings of the Madras Government, Revenue Department, 22nd May 1876.

Read again letter from the Government of India, dated 11th August 1875, No. 285, recorded in G.O., of the 25th idem, No. 1,286.

Read also the following papers :—

No. 212. From J. R. COCKERELL, Esq., Commissioner of the Nilgiris, to the Hon. D. F. CARMICHAEL, Secretary to Government, Revenue Department, Fort St. George, dated Ootacamund, 27th October 1875, No. 83.

GOVERNMENT ORDER, Revenue Department, 25th August 1875, No. 1,286, forwards a despatch of the Government of India calling for a statement showing the cost of the Cinchona Plantations on the Nilgiri Hills.

2. I have the honor to submit a letter from Mr. McIvor on the subject containing the statement.

3. The information required is furnished under the heads required by the despatch. It is necessary, perhaps, to explain the columns of the statement. Column 1 shows the salary of the Superintendent and his Office establishment, with the cost of the buildings connected with the Office, and the clothing of the establishment. The Office contingencies are also included.

4. Column 2 exhibits the subordinate establishment connected with propagation, the cost of the buildings erected for propagation, of clearing and weeding, &c. The succeeding columns give the same class of information with respect to each plantation ; that is to say, shows the cost of the subordinate establishment and other charges.

5. The last column contains the totals of the other columns.

6. Dodabetta is 7,742 feet above the sea and Neddiwuttum 6,200 feet.

7. The value of the convict labor employed on the plantations and the cost of the buildings erected for the accommodation of the convicts are included in the total expenditure on the plantations, aggregating, according to the statement, 7,05,749 Rs. The convict labor was paid for to the Prison and Police authorities at their departmental rates. The sum thus paid amounted to Rs. 73,993.

8. The pay of Mr. Broughton and his establishment and of his outlay on buildings and manufacture of amorphous alkaloids are not included in the statement. Attached to the letter is Statement No. 3 exhibiting the expenditure and receipts on account of the plantations. In this statement credit is taken for the green bark supplied to Mr. Broughton, but this bark is charged at the uniform rate of 6*d.* per lb. Mr. Broughton received the following bark :—

1869-70	17,793 lbs.
1870-71	51,352 „
1871-72	35,072 „
1872-73	80,289 „
1873-74	91,773 „
and in 1874-75	85,771 „

His whole receipts were 362,050 lbs. His outturn of alkaloids was—

1869-70	21½ lbs.
1870-71	127 „
1871-72	100 „
1872-73	345½ „
1873-74	200 „ returned as spoilt.
1874-75	128-6
Total ...	922-2 oz.

It may be observed that a rate of 6*d.* per lb. all round is low, inasmuch as prunings sent to England last year fetched from 2*s.* per lb. to 2*s.* 3*d.* for red bark,

and from 2*s.* 6*d.* to 3*s.* 2*d.* per lb. for crown bark; while the trunk bark of the former variety fetched an average of 2*s.* 6*d.* per lb., and of crown bark an average of 4*s.* 6*d.* per lb. (G.O., 22nd June 1874, No. 759, Revenue Department).

9. In a report addressed to Government printed in G.O., 11th February 1875, No. 217, Revenue Department, reasons were adduced by Dr. Cornish and myself to show amorphous quinine could not safely be relied upon as a medicine, on the ground that, owing to the "uncertain composition of the mixture," the medical profession objected to its use.

10. Mr. Broughton entered the service of Government in November 1866, and quitted it in December 1874. His salary was £1000 per annum. He drew in salary in all 77,366 Rupees.

11. Plant and material and buildings connected with the manufacture of amorphous quinine cost 33,193 Rupees.

12. The outlay on the establishment employed by Mr. Broughton was 18,125 Rupees.

13. The plantations supplied up to the end of the official year 1874-75 181,481½ lbs. of dry bark. According to Mr. McIvor the value was 2,17,980 Rs. In this valuation the bark supplied to Mr. Broughton is calculated at 6*d.* per lb. of green bark.

14. Accordingly, the account stands thus:—

	Rs.
Cost of plantations, including establishment, buildings, labor, &c.	7,05,749
Mr. Broughton's salary and outlay on plant and manufacture of quinine	1,28,684
Total ...	8,34,433
Per contra, value of bark produced	2,17,980
Net cost of operations	6,16,453

15. The bark is now being taken entirely by mossing, and probably 80,000 lbs. will be harvested this year. I stated in a letter to Government, dated 27th August 1875, No. 58, that Mr. McIvor estimates that there is bark available, on trees reserved by Government, to the value of two lakhs of rupees. Very little of this will be collected this year owing to the season being too far advanced. Had this bark been harvested as it might have been, and sold, the cost of the plantations at the present time would not exceed 4,00,000. Had the bark supplied to Mr. Broughton been sold, the cost of the plantations would have been still further reduced.

16. In the above remarks I have taken no credit for the amorphous quinine produced by Mr. Broughton which amounted to 922 lbs. If this mixture replaced an equivalent weight of sulphate of quinine, it represents a value of 59,930 Rupees at 130 shillings, which is the value taken in paragraph 22 in the letter in G.O., dated 11th February 1875.

ENCLOSURE No. 1.

From W. G. McIVOR, Esq., Superintendent of the Government Cinchona Plantations, to J. R. COCKERELL, Esq., Commissioner of the Nilgiris, dated Ootacamund, 23rd September 1875, No. 107.

WITH reference to G.O., 25th August 1875, No. 1,286, and your endorsement of the 8th instant, I have the honor to append, for the information of the Government of India, a statement

showing the number and varieties of Cinchona trees in the Neddiwuttum, Dodabetta, Pykara, and Malakoondah Plantations, with the base and surface measurement of the planted portions of each; also a table showing in detail, under the various headings, the total expenditure on Cinchona cultivation in this district from the beginning (1860) to the end of March 1875.

2. This table gives the total expenditure on propagation, cultivation, buildings, construction of roads, bridges, drains, fences, implements, cost of collection, preparation and carriage of bark, &c., and includes the expenditure of Rs. 73,993 on convict labor, or the whole cost incurred in connection with the formation of the plantations. It, however, does not include the charges incurred by the Quinologist's Department, or the value of alkaloid produced; and I regret I am unable to give this information, as the Quinologist's Department has, from the first, been kept separate from the cultivation, and the accounts did not pass through my Office.

3. It will be observed that the total expenditure and cost of the Nilgiri plantations to Government up to 31st March 1875 is as follows:—

	Total Expenditure.	Total Receipts.	Total Cost.
General.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Charges for direction and Office Establishment	2,75,388 0 0	....	2,75,388 0 0
Propagation Department	61,997 0 0	24,402 2 4	37,594 13 8
Special.			
Expenditure at Neddiwuttum	1,53,069 0 0	1,12,138 2 0	40,930 7 0
Do at Dodabetta	1,11,388 0 0	40,284 10 3	71,103 5 9
Do. at Pykara	69,736 0 0	41,154 15 0	28,581 1 0
Do. at Malakoondah	34,171 0 0	....	34,171 0 0
Total ...	7,05,749 0 0	2,17,980 4 7	4,87,768 11 5

A table is also appended showing in detail the receipts and actual cost of the Nilgiri Plantations to the State. In this table it will be observed that credit is taken for all bark supplied to the Quinologist for manufacture at the rate of 4 As. (6*d.*) per lb. for green bark. The sales of our bark in the home market show this to be a low valuation.

4. The height above the level of the sea, where the meteorological observations were taken at Ootacamund, is 7,740 feet, and at Neddiwuttum 6,200 feet.

5. There is one point which may merit notice in the contemplated memoir, *viz.*, that much has been written and said to show that the Cinchona tree will produce inferior bark as it advances in age. This was especially noticed as being the case with the *C. succirubra*, and that the old red bark imported from South America was found to be almost useless to the quinine manufacturer. The eighth year of the growth of *C. succirubra* is mentioned as the period at which this bark contains the greatest quantity of quinine, and that after this age a steady deterioration occurs. The results of our experience does not support this anticipation. It will be admitted that the decision of Commerce on such a point is alike competent and impartial. Our first or trial consignment of 300 lbs. of *C. succirubra* bark was sold in the London market in 1867. The prices realised being 2*s.* per lb. for 200 lbs. stem bark, and 1*s.* 9*d.* for 100 lbs. branch bark, or an average of 1*s.* 11*d.* per lb. Our second consignment of 7,294½ lbs. of bark was sold in 1872, and the prices realised averaged 2*s.* 6¼*d.* per lb. The third consignment (23,646 lbs) of 1872-73 realised an average price of 3*s.* 2½*d.* per lb. The fourth consignment (28,659 lbs.) of 1874-75 realised an average price of 3*s.* 11*d.* per lb. A considerable portion of this consignment was bark of *C. succirubra* collected from twelve year-old trees, and the second crop of renewed bark from these trees realised from 4*s* 3*d.* to 4*s.* 5*d.* per lb.

No. 1.—CINCHONA Plants permanently planted out, Dates of Planting and Number of Acres by Base and Surface Measurements under Cultivation on the Government Plantations on the Nilgiris.

—	DENISON, KILGRASTON, AND NAPIER ESTATES, NEDDIVUTTUM.							DODABETTA.							WOOD AND HOOKER ESTATES, PANAGA.						STANLY ESTATE, MALKOONDAH.					Total Acres.
	Crown Barks.	Red Barks.	Yellow Barks.	Grey Barks.	Other Species.	Acres, Surface.	Acres, Base.	Crown Barks.	Red Barks.	Yellow Barks.	Grey Barks.	Other Species.	Acres, Surface.	Acres, Base.	Crown Barks.	Red Barks.	Grey Barks.	Other Species.	Acres, Surface.	Acres, Base.	Crown Barks.	Red Barks.	Other Species.	Acres, Surface.	Acres, Base.	
1862-63 ...	4,200	12,000	500	3,000	300	.....	.....	14,350	500	.....	100	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
1863-64 ...	16,000	4,700	1,000	1,500	.....	.....	.....	2,432	.....	.....	.....	.....	.....	.....	2,000	3,000	1,000	.....	.....	.....	.....	.....	.....	.....	.....	55
1864-65 ...	10,000	23,500	.....	2,500	.....	.....	.....	32,000	.....	.....	.....	.....	.....	.....	14,700	15,000	1,019	.....	.....	.....	.....	.....	.....	.....	.....	99
1865-66 ...	2,000	22,720	.....	.....	.....	.....	.....	39,000	.....	.....	.....	.....	.....	.....	4,500	11,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
1866-67 ...	5,000	49,000	8,000	1,140	.....	.....	.....	55,000	.....	1,200	.....	.....	.....	.....	7,000	28,000	2,000	.....	.....	.....	.....	.....	.....	.....	.....	156
1867-68 ...	15,000	94,800	6,200	9,000	.....	.....	.....	105,000	.....	3,400	.....	1,600	.....	.....	25,701	54,000	5,000	.....	.....	.....	5,000	15,000	.....	.....	.....	340
1868-69 ...	20,000	72,000	7,700	2,500	.....	.....	.....	40,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,000	5,945	.....	.....	.....	153
1869-70 ...	3,550	70,680	.....	.....	.....	.....	.....	49,048	.....	.....	.....	.....	.....	.....	18,297	78,483	.....	.....	.....	.....	14,100	19,310	899	.....	.....	254
1870-71 ...	...	.....	3,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
1871-72 ...	...	.....	2,750	.....	.....	.....	.....	.....	.....	.....	.....	800	.....	.....	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
1872-73 ...	...	.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	500	.....	.....	4,961	.....	.....	7,394	.....	.....	.....	.....	.....	.....	.....	15
1873-74 ...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,743	.....	.....	4,686	.....	.....	.....	.....	.....	.....	.....	22
Total ...	75,750	3,49,400	29,650	19,640	300	455	371·24	337,830	500	4,600	100	2,950	378	287 25	93,602	189,783	9,019	12,080	336	243	24,100	40,255	899	75	40 28	1,244

	No.
C. Officinalis or Crown Barks	508,878
C. ,, var. Angustifolia Barks	22,404
C. Succirubra or Red Bark...	579,938
C. Calisaya or Yellow Bark...	34,250
C. Micrantha and Peruviana or Grey Bark ...	28,759
C. Pitayensis (Pitayo Bark)	13,380
Other Species...	2,849
Total ...	1,190,458

OOTACAMUND,
23rd *September* 1875.

(Signed) W. G. McIVOR,
Supt., Govt. Cinchona Plantations.

No. 2.—Statement of Expenditure, 1860, to 31st March 1875, of the Government Cinchona Plantations on the Nilgiris.

Particulars.	Superintendent and Office Establishment.		Propagation and Nursery Department.		Dodabetta Plantation.		Neddiwuttum Plantation.		Pykara Plantation.		Malkoondah Plantation.		Total.
	1860 to 1873-74.	1874-75.	1861 to 1873-74.	1874-75.	1860 to 1873-74.	1874-75.	1861 to 1873-74.	1874-75.	1863 to 1873-74.	1874-75.	1863 to 1873-74.	1874-75.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Establishment, Salaries, &c.	97,574	8,409	40,877	240	46,316	1,980	90,339	2,415	15,466	1,020	9,605	.....	3,14,241
Buildings	565	170	14,261	90	20,816	.....	23,806	1,904	3,783	100	3,138	.....	68,633
Tool and Store-rooms ...	.....	.....	.....	.....	675	.....	1,618	90	893	100	320	.....	3,696
Coolies' quarters	.....	.....	.....	.....	1,743	.....	4,298	180	2,297	100	545	.....	9,163
Felling	... ..	.....	.....	.....	4,563	.....	9,227	.....	7,604	40	4,952	.....	26,391
Clearing and weeding ...	.....	.....	1,459	.....	23,669	1,200	34,405	737	23,218	720	11,191	.....	96,599
Pitting	.....	.....	.....	.....	9,796	.....	15,780	.....	7,180	110	4,623	.....	37,489
Carriage of plants	.....	.....	.....	.....	3,427	.....	5,048	.....	1,823	.....	786	.....	11,084
Planting and shading ...	.....	.....	.....	.....	7,164	.....	7,771	.....	2,484	20	1,117	.....	18,556
Trenching	.....	.....	.....	.....	3,759	.....	6,642	.....	2,065	.....	575	.....	13,041
Enclosing	.....	.....	548	.....	5,337	.....	4,552	... ..	1,845	.....	1,080	.....	13,362
Road-making	.....	.....	.....	.....	7,364	.....	6,167	140	3,734	120	2,371	.....	19,896
Tools	.....	15	759	6	5,362	342	6,387	486	4,185	165	1,981	.....	19,680
Contingencies	1,156	65	2,680	15	6,137	5	8,059	30	2,066	6	1,104	.....	21,323
Excavating...	.....	.....	172	.....	1,094	.....	1,219	.....	.....	.....	.....	.....	2,289
Clothing	231	65	365	.....	250	.....	401	20	158	.....	85	.....	1,419
Various	.....	.....	525	.....	3,859	800	4,190	595	885	170	303	.....	11,679
Collection of bark and mossing...	.....	.....	.....	.....	272	1,845	5,460	2,060	1,620	1,470	.....	.....	12,727
Carriage of bark, railway fare, shipping, &c... ...	.....	.....	.....	.....	.....	804	862	767	197	580	.....	.....	3,210
Manure and manuring trees.	....	.....	...	.....	710	390	28	140	3	.....	.....	.....	1,271
Total...	99,526	8,721	69,546	351	1,52,318	7,366	2,36,259	9,564	81,501	4,721	43,776	.....	7,05,749

OOTACAMUND,
23rd *September* 1875.

(Signed) W. G. McIVOR,
Supt., Govt. Cinchona Plantations.

No. 3.—Statement showing the total Expenditure, Receipts, and Cost of the Government Cinchona Plantations on the Nilgiris up to 31st March 1875.

Particulars.	Total Expenditure.	Total Receipts.	Cost.	Remarks.
	RS. A. P.	RS. A. P.	RS. A. P.	
Charges for direction and Office Establishment	2,75,388 0 0	... ...	2,75,388 0 0	
Propagation and Nursery Department	61,997 0 0	24,402 2 4	37,594 13 8	
Expenditure on Neddiwuttum Plantation	1,53,069 0 0	1,12,138 9 0	40,930 7 0	
Expenditure on Dodabetta Plantation	1,11,388 0 0	40,284 10 3	71,103 5 9	
Expenditure on Pykara Plantation	69,736 0 0	41,154 15 0	28,581 1 0	
Expenditure on Malakoondah Plantation	34,171 0 0	... ...	34,171 0 0	
Total ...	7,05,749 0 0	2,17,980 4 7	4,87,768 11 5	

OOTACAMUND,
23rd September 1875.

(Signed) W. G. McIVOR,
Supt., Govt. Cinchona Plantations.

No. 213. From J. R. COCKERELL, Esq., Commissioner of the Nilgiris, to the Hon. D. F. CARMICHAEL, Secretary to Government, Revenue Department, Fort St. George, dated Ootacamund, 19th February 1876, No. 12.

WITH reference to your Under-Secretary's memorandum, No. 177, of 2nd December 1875, pointing out that the information called for in paragraph 2 of the letter from the Government of India, printed in G.O., 25th August 1875, No. 1,286, has not been furnished in my letter, No. 83, of 27th October 1875, I have the honor to state that the information in question was sent with a demi-official letter addressed to Sir W. Robinson, then Acting Governor of Madras.

2. Unfortunately, no copy of the statement was retained. Mr. McIvor's letter on the subject is enclosed. The statement therein referred to will be obtained and furnished, if necessary, on Mr. McIvor's return from Ceylon.

ENCLOSURE No. 1.

From W. G. McIVOR, Esq., Superintendent of the Government Cinchona Plantations, to J. R. COCKERELL, Esq., Commissioner of the Nilgiris, dated Ootacamund, 25th January 1876, No. 137.

I HAVE the honor to acknowledge the official memorandum from the Under-Secretary to Government, Revenue Department, No. 177, dated 2nd ultimo, with your endorsement of the 20th instant; and to inform you that, together with my letter of the 24th September 1875, No. 107, I forwarded a table showing in detail under the various headings the total expenditure on Cinchona cultivation up to March 1875, *viz.*, Rs. 7,05,749, including Rs. 73,993 paid on account of convict labor, a statement of the particulars of which I also submitted; and mentioned that this expenditure "did not include the charges incurred by the Quinologist's Department," and that "the Quinologist's Department has, from the first, been kept separate from the cultivation, and

the accounts did not pass through my Office." Therefore, Mr. Broughton's pay was not included in my statement of account, but the charge on account of convict labor is included in the total cost.

No. 214. From Major T. E. TENNANT, Inspector-General of Jails, to the Acting Under-Secretary to Government, Fort St. George, dated Madras, 5th April 1876, No. 66.

WITH reference to your official memorandum, No. 51, dated 24th ultimo, I have the honor to inform you that no cash was paid nor credit given to this department by the Superintendent of Cinchona Plantations for convict labor supplied to the estates.

No. 215. From E. RULE, Esq., Officiating Accountant-General, Madras, to the Hon. D. F. CARMICHAEL, Secretary to Government, Revenue Department, Ootacamund, dated Fort St. George, 12th April 1876, No. 32.

WITH reference to the official memorandum, No. 68, dated 7th April 1876, from the Acting Under-Secretary, I have the honor to forward a statement of sums debited on account of the Botanical Gardens, the Cinchona Plantations, and the Quinologist, &c., from 1860-61 to 1874-75; and to state that the Commissioner of the Nilgiris has been again called upon to furnish the information required by Government, on receipt whereof another statement, after comparison with the figures in this Office, will be submitted.

Statement showing the Expenditure of the Botanical Gardens and Cinchona Plantations, from 1860-61 to 1874-75.

Years.	Botanical Gardens and Cinchona Plantations.	Botanical Gardens.	Cinchona Plantation.	Quinologist and Establishment, including Contingencies and Travelling Allowance.	Total.	Remarks.
	RS.	RS.	RS.	RS.	RS.	
1860-61	* 5,819	.....	.....	.....	5,819	* This Office is unable to apportion this amount to Botanical Gardens and Cinchona Plantations from want of information from the records of this Office.
†1861-62	... ...	.....	.....	.....	.....	† The Collector of Coimbatore by whom sums were paid on account of this head of charge having included them under Forest charges will be called upon to furnish the information required.
1862-63	* 50,012	.....	.....	.....	50,012	
1863-64	* 67,520	.....	.....	.....	67,520	
1864-65	.....	1,600	84,131	.....	85,731	
1865-66	.....	1,620	89,287	.....	90,907	
1866-67	.....	1,485	81,025	1,398	83,908	
1867-68	.....	1,620	79,882	12,033	93,535	
1868-69	.....	2,436	57,797	11,642	71,875	
1869-70	.....	1,690	45,944	18,014	65,648	
1870-71	.....	4,055	33,394	14,788	52,237	
1871-72	.....	7,948	34,343	24,024	66,315	
1872-73	.....	5,137	32,666	18,833	56,636	
1873-74	.....	8,970	29,537	15,721	54,228	
1874-75	.....	8,054	35,524	6,444	50,022	

FORT ST. GEORGE,
12th April 1876.

(Signed) E. RULE,
Offg. Accountant-General.

No. 216. From C. G. MASTER, Esq., Acting Secretary to Government, Revenue Department, Madras, to the Secretary to the Government of India, Department of Revenue, Agriculture, and Commerce, dated Fort St. George, 26th November 1874, No. 1,458.

Miscellaneous.

SIR,—With reference to Mr. Howell's letter, dated 24th September 1874, No. 2,558, I am directed to forward the accompanying letter* from the Commissioner of the Nilgiris, with its enclosure, embodying the required information on the subject of convict labor employed on the Government Cinchona Plantations.

* Dated 19th November 1874, No. 77.

From J. R. COCKERELL, Esq., Commissioner of the Nilgiris, to the Secretary to Government, Revenue Department, dated Ootacamund, 19th November 1874, No. 77.

WITH reference to Government Order, Revenue Department, dated 1st October 1874, No. 1,249, calling for a report of the number of convicts employed formerly on the Cinchona plantations to enable the Supreme Government to arrive at a precise estimate of the cost of the plantations, I have the honor to submit a statement containing the information desired with regard to the Neddiwuttum Plantation. 195,482 convicts were employed in all, and the value of their labor, at 4 Annas each man per day, was Rs. 48,870-8-0.

2. The Ootacamund Jail records do not contain any information in regard to the number of convicts employed at Dodabett. But Mr. McIvor informs me, on the authority of the plantation records, that there were 82 convicts sanctioned for Dodabett, though, on account of transfers and the discharge of time-expired men, this number was never fully maintained. The convicts were received on the 20th September 1865, and were employed until the 1st April 1869. Taking 82 convicts to have been at work at Dodabett for 1,105 working days between the dates specified, the labor of 90,610 convicts was expended equivalent, at 4 Annas each man per diem, to Rs. 22,652-8-0.

3. The total expense incurred in dieting, clothing, and guarding the convicts on the Dodabett and Neddiwuttum plantations, with the sum paid them for extra labor, amounted to Rs. 73,993-13-2, which was debited to the plantations.

(True Copy.)

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

Statement showing the Amounts actually passed by this Department on account of maintenance, clothing, &c., (exclusive of guarding) of convicts employed at—

Years.	Lawrence Asylum Works.	Pykara Gang.	Dodabetta Gang.	Neddiwattum Gang.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1863-64	10,860 4 5	.....	.....	.....
1864-65	38,453 4 11	.....	.....	.....
1865-66	29,195 11 6	882 12 2	3,829 5 7	.....
1866-67	26,738 1 0	545 5 2	6,170 5 8	10,587 5 4
1867-68	31,798 4 10	549 5 8	5,579 14 1	14,669 10 11
1868-69	39,843 0 5	....	6,224 8 4	14,477 7 3
1869-70	32,317 0 1	.....	.....	8,494 10 0
1870-71	15,292 8 7	.....	.....	.....
1871-72	10,265 10 7	.....	.....	.....
1872-73	3,092 4 8	.....	.....	.....
Total ...	2,37,856 3 0	1,977 7 0	21,804 1 8	48,229 1 6

OOTACAMUND,
22nd September 1875.

(Signed) T. E. TENNANT,
Inspector-General of Jails.

No. 217. ORDER THEREON, 22nd May 1876, No. 658.

Miscellaneous.

FROM the statements forwarded with the Commissioner's letter of the 27th October 1875, it appears that the expenditure on the Cinchona Plantations, from the beginning of the enterprise up to 31st March 1875, was Rs. 7,05,749. This sum is stated to include Rupees 73,993-13-2 expended on convict labor (letter from Commissioner, Nilgiris, November 19th, 1874). The Inspector-General of Jails, however, in the letter above quoted does not admit the receipt, by his department, of any sums on account of convict labor, nor, he states, was credit ever given for the same. Further, the Accountant-General gives the expenditure on account of the Plantations up to the end of 1874-75 as Rs. 7,27,081. This amount excludes all expenditure in 1861-62, but includes the outlay on the Botanical Gardens in 1860-61, 1862-63, and 1863-64.

2. Thus, whilst the Jail Department maintains that it still has a claim against the Plantations of Rs. 72,000, the Accountant-General's statement shows an excess of cost of from Rs. 15,000 to Rs. 20,000 above the amount given by the Superintendent.

3. In order to clear up these apparent discrepancies, as well as to form a careful estimate of the cost to Government of this great enterprise, and the present value of the Cinchona estates, His Grace the Governor in Council resolves that the necessary steps be immediately taken for effecting this object.

4. The first step will be the preparation of a complete financial statement of the enterprise, up to the close of the last official year, by a superior officer of the Accountant-General's Department or other experienced Accountant, in communication with the Commissioner of the Nilgiris and Superintendent of Cinchona

Plantations. The Accountant-General will report how he proposes to meet this desire of Government. In preparing the financial statement he will be instructed to allow interest at 4½ per cent. on all sums expended and received on account of the plantations.

5. Meanwhile, the Commissioner will arrange for having all the trees on the plantations counted and classified according to age. He will also, in communication with the District Engineer, have all buildings, &c., valued.

6. As, however, the preparation of a detailed financial statement will necessarily occupy some time, whilst the information called for by the Government of India should be furnished with as little delay as possible, His Grace the Governor in Council directs that the Commissioner of the Nilgiris, the Inspector-General of Jails, and the Superintendent of Cinchona Plantations, meet under the presidency of the Hon. Sir William Robinson, K.C.S.I., to effect a reconciliation of the different statements referred to above.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Secretary to Government.

To the Hon. Sir W. Robinson, K.C.S.I.
,, the Commissioner of the Nilgiris.
,, the Inspector-General of Jails.
,, the Superintendent of Cinchona Plantations.
,, the Accountant-General.
,, the Board of Revenue.
,, the Public Works Department.

Exd. F. R. Bantleman.

Book Department.

No. 979

43

Fort Saint George,
Accountant General's Office,
20th November 1877.

From The ACCOUNTANT GENERAL
to the GOVERNMENT of MADRAS.

To The Secretary to Government
Revenue Department

Sir,

G.O. 22nd May 76	No. 658
— 16th Nov. 76	— 1697
— 23 — do —	— 2778
— 19 Jany 77	— 408
— 1st May 77	— 1604
— 4th July 77	— 2209
— 15th Aug. 77	— 4600
— 27 — do —	— 2589

With reference to the orders noted in the margin, I have the honor to state, that I took advantage of being at Ootacamund, on privilege leave, last month to hold an interview with Mr. Webster the Officiating Commissioner on the subject of the Cuchina accounts. The following remarks record the result of our conversation.

2 There are three distinct questions involved in this correspondence, each of which should be separately considered.

(a) What amount is prima facie due from the late Superintendent Mr. MacIvor

(b) What are the Financial Results of the operation up to the close of the year 1876/77?

(c) In what way should the accounts be kept in future.

3 (a) The amount due by Mr. MacIvor.

There is no difficulty in regard to so much of

Govt. of 1876 Madras.

REVENUE.

To

The Hon. Sir W. ROBINSON, K.C.S.I.,
&c, &c, &c.

Dated May 22nd.

Recd. Encl.

G.O., 22nd May 1876, No. 653.

MAY.

Nos. 212—217.

Circulars Plantations on the Nilgiris.—Ordering the preparation of a complete financial statement of the — from the beginning of the enterprise up to 31st March 1875, and directing certain officers to meet under the presidency of the Honorable Sir W. Robinson, K.C.S.I., to effect a reconciliation of certain statements.

of this sum is due on account of advances made to Mr. Mac Ivor from the Government Treasury. The sums which were paid to him are known: the sums which he has accounted for to my Office are known: the balance which he has not accounted for is the balance due by his Estate. This balance is as shown by the account prepared by Mr. Beeby, and published with G.O. 2207 dated the 4th of July 1877, Rupees 5861.4.8. I may add that the Bank pass Book No: 2 (which professes to be Mr. Maclean's public bank account) shows only a small sum of Rupees 34.15.2.5; but the Bank pass book contains no information by which the details of the different payments can be ascertained, and Mr. Mac Ivor's Estate must be held liable for so much of the advances he received as have not been accounted for.

4 But, besides these advances, certain monies were received by Mr. Mac Ivor from time to time on account of sale proceeds of Cinchona plants, old stores, and the like, for the payment of which to Government he was responsible. It is impossible to ascertain from any records at our disposal what these sums amounted to. Apparently since Mr. Macfeath took

took up his post as private clerk to Mr. Maclean in 1868, there was no separate record whatever of such receipts which were simply shown in Mr. Mac Ivor's private Cash Book; and a separate book which before 1868 is said to have been kept to show these receipts by Mr. Babcock, is not now forthcoming. If Mr. Mac Ivor's private cash book, and Mr. Babcock's receipt-book, were produced, it might be possible to check the receipts approximately, as the Treasury credits ought at least to correspond with the aggregate of the sums which these records might show were received: but even then there would be no check that all items due had been realised. Prima facie it would seem that either very large sums due were not realised, or if realised were not credited to Government. It appears that no less than 3.23.000 Cinchona trees were distributed up to January 1876. At first they were sold at 4 annas a plant, and though it cannot be ascertained how many plants were sold before the rate was reduced, it is known that considerable quantities were sold at this high rate. But the total sum paid into the credit of Government amounted only to Rupees 5294.12.4 up to the end of 1875

an

and even this sum included, besides the sale of Cinchona Trees, other petty recoveries. It is possible of course that Mr. MacIvor may have been very negligent in realising the sums due (he appears himself to have been a shareholder in two of the private concerns the Dewee Shola and Ootacamund to which large quantities of plants were sold), or it is possible that without bringing them to account at all, he may have made use of the money he received for Government Expenditure for which he did not submit regular Bills.

5 It would appear however from the statement prepared under Mr. MacIvor's own directions which accompanied his No 107 dated the 23 of September 1875, that he himself calculated these Miscellaneous Receipts at Rupees 28,650 I obtained this sum thus.

Total Receipts shown by Mr. MacIvor — 2.17.980

Deduct-

Sale proceeds of bark in '69		287
do	'71	3334
do	'72	4297
do	'73	34.900
do	'75	56.000
Value of bark supplied to Quinologist		90512
		1.89.330

Balance of receipts unaccounted for presumed to be the sale of plants &c — 28,650

Further two Rupees 24,402-3-4 is distinctly shown in the same account as "receipts of the propogation department". The difference between this sum and that above given viz. 4248 is probably on account of sale of Cinchona trees &c from the Reddiwuttum Dodabetta and Pykara plantations and not directly from the propogation Department.

6 It is for the Government to determine whether under the above circumstances any steps should be taken to compel Mr. MacIvor's Executors to produce his private accounts, or to call upon them to give a detailed account of the difference between the sum of Rupees 28650 (which his own statements show as miscellaneous receipts, and which includes a sum of Rs. 24,402 expressly stated by him to be receipts of the propogation department) and the sum of Rupees 5294-12-4 which has been alone credited in the Treasury.

7 (b) The Financial results of the operation. I annex a statement showing these. The only points which call for special notice are:

(1) Nothing has been shown for cost of land.

(2) I have taken Mr. Cockerell's figures as

as to the amount of Quinine
given prepared; viz 722 lbs 2 3/4 (throw-
ing out 200 as spoilt) and I have
assumed the value of this at 1/8 an
ounce. thus giving Rupees 17,331.
The amount actually credited to
the Civil by the Judiciary Department
appears to be Rs 5197.13 only, but it seems
probable that credit was not given for
the whole amount supplied. In Mr
Mac Ivor's statement 362.060 lbs of
green bark supplied to the quinologist
is apparently taken at 4 annas abt
or Rupees 90.512; but in an account
the value of goods must be taken at
their actual out turn, and I believe
the 722 1/8 lbs of quinine manufactured
by Mr Broughton is not undervalued
at 17331.

(3) Interest has been taken at 4½ per
cent and compound interest has been
calculated at the close of each year.

(4) The decision of the Government
contained in G.O. 16th November 1876.
No 1697 that the value of Jail labor
employed was Rupees 146000 has
been adopted. There is nothing
whatever

whatever on record in this Office
to show the grounds for this decision
but I understand it was arrived
at after careful deliberation. This
has been thrown equally over the
accounts of the three years 1866/67,
1867/68, & 1868/69.

(5) The sale proceeds of the bark
have been turned into Indian money
at the rate of Exchange annually
fixed for adjusting transactions bet
England and India.

(6) I have been obliged to include
the Tea charges amounting to 4515
with those for Cinchona, for the Tea
receipts were mixed up with those
from Cinchona, and it was not poss
-ble to separate them.

8 (c) Future Accounts. Mr Webster
has prepared new forms of accounts,
which, with one or two alterations which
I have pointed out to him, appear to be
on the whole suitable. I do not think
there will be any necessity for the future
deputation of an Officer from this Office
to audit the accounts. In regard to
disbursements, if the bills be only punctually
submitted, there appears no greater necess
for

for the deputation of an Officer to check them than there is for the deputation of an Officer to check the other Civil charges of the Government incurred at Bequia Treasuries: and in regard to pensions, I think it will be sufficient if the Government when reviewing the annual report of the plantation, has before it a Statement prepared by this Office of the sums which have been credited in account.

I have the honor to be

Sir

John Frost Obed.t Servt

S.t Vincent

Accountant General

Comptr Kitts

Rev 2586/77.

Revenue 1877 Departt
From No 4865
The Accountt General
Madras
To
The Secretary
to Government
Revenue Departtment

Dated 20 November 1877
Rec'd 26 Do
No. Q. 1

Vegetation Reports (Quinine)
Reporting on the Cinchona
Plantations and submitting an account
of Receipts & Expenditure
from commencement
upto close of 1876-77.

Ans Do 1339 24 Dec D 1879

Account of Receipts and Expenditure on account of Cinchona plantations from commencement up to close of 1876-77, taken from the Accountant General's Books, Returns of Sale from India Office, and other sources.

Years	Receipts: Cash receipts in Treasury	Value of amorphous quinine	Price of bark realized in England	Total	Charges: Charges on account of Cinchona plantations	Value of Convict Labor	Quinologist's Department	Interest on balance of Charges	Total	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1860-61	"	"	"	"	4139 1	"	"	"	4139 1	The figures in columns 2, 6, & 8 are taken from the Accountant General's Books.
1-2	"	"	"	"	22765 12	"	"	186 4 2	22952 2	To Calculate Column 3 the value of Amorphous quinine is taken at 1/8 an ounce. A sum of Rs 5197/13/9 out of the Total has actually been credited to the Civil Department by the Military on this account.
2-3	"	"	"	"	48390	"	"	1219 17	49609 17	
3-4	40	"	"	40	65900 7 9	"	"	3451 8 1	69351 15 10	
4-5	"	"	"	"	84111 4 11	"	"	6570 8 8	90681 13 7	
5-6	"	"	"	"	89287 3	"	"	10651 3 8	99938 6 8	Columns 4 figures are taken from a Secretarial return converted into Indian money at the rate fixed annually for adjustment of transactions between England and India.
6-7	2450	"	"	2450	80925 9 10	48666 10 8	1398	13886 1 5	144876 5 11	
7-8	"	"	287 8	287 8	73383 1 5	48666 10 8	12033	21567 10 4	155640 6 5	Column 7 taken from G.O 16th November 76 No 1697 Revenue.
8-9	1680	"	"	1680	57797 4 10	48666 10 8	11642	28548 8 5	146654 7 11	
69-70	"	516	"	516	45944 5 4	"	18014	35072 6 1	99030 11 5	Column 9. Calculated at 4½ per cent on the balance of charge at close of each year.
0-1	323 14	3048	"	3371 14	30075 5 4	"	14788	39505 8 8	84368 14	
1-2	"	2400	3479 3 6	5879 3 6	30955 14 1	"	24024	43150 6 6	98130 4 7	The sum of Rupees 436804-14-10 shown in Column 5 as the price of bark realized in England in 76-77 includes £ 29,362-18-9 converted at 1-9½ the rate of Exchange for 77-78 the amount appearing to have been paid into the Home Treasury in the latter year. vide G.O. Revenue No 2359 of 21st July 1877.
2-3	227 1 4	8286	4388 2 1	12901 3 5	29715	"	18833	47301 11 3	95849 11 3	
3-4	300 9	"	36417 6 3	36717 15 3	28223 14	"	15721	51034 6 2	94979 4 2	
4-5	273 4	3081	"	3354 4	35469 8	"	6444	53656 2 4	95569 10 4	
5-6	2000	"	60404 7 11	62404 7 11	46207	"	"	57805 13 5	104012 13 5	
6-7	3958 5 6	"	433746 9 4	436804 14 10	70876 6	"	"	59678 3 5	130554 9 5	
Total	10353 1 10	17331	538723 5 1	566407 6 11	844167 1 6	146000	122897	473275 8 2	1586339 9 8	

Net result

Total Charges Rs	1586339-9-8
Total Receipts —	566407-6-11
Balance of charge	1019932-2-9

Fort Saint George
Accountt. General's Office
6 November 1877

Capt Tolly

Accomitant General

Book Department. 57

No. 1448

Fort Saint George,
Accountant General's Office,
18th May 1878.

1457

From The Accountant General
to the Government of Madras,

To The Secretary to Government
Revenue Department.

Sir,

In reply to your Memo No 495 dated the 4th December last I have the honor to forward herewith a complete Statement A showing the whole of the sums advanced to and spent by Mr Maclvor on account of the Chinchona plantations, from the outset until his death - As the particulars of the advances and adjustments for the period from 1860-61 to 1865-66 had to be traced from the actual accounts themselves, no registers of advances having been kept up, it has been a work of very great labour; but His Grace in Council will observe that it exhibits the precise results arrived at in the Statement prepared by this Office and printed in G.O. 2209 dated the 4th of July last; the assumption in that Statement that the advances made up to the close of 1865-66 had been all adjusted having been proved to be correct - As stated therefore in this Office No 979 dated the 20th of November last there were a balance on account of advances due by Mr Maclvor at his death

of

of Rs 5861-4-8 although the balance in his professed public bank account only showed the smaller sum of Rs 3415-2-5.

2. Referring to para 2 of your memo under reply, I beg to state it is quite impossible to explain the cause of the difference between the returns of this office and those submitted by Mr MacIvor.

3. I forward herewith a Statement B of the differences between the figures given in the Statement submitted by this office in April 1876 and those last sent. It will be seen that the first Statement wrongly included charges on account of the Quinologist and the botanical gardens, it having been prepared from the accounts which were wrongly posted, without an examination of the vouchers.

4. I regret however to add that the careful scrutiny the accounts have now undergone has shown an important omission under the charges of the Quinologist's department, the items referred to in the previous para as having been wrongly shewn in the 1876 statement under cinchona plantations, having been omitted altogether from the 877 statement. I have also on reconsideration determined right to exclude altogether from the Statement receipts and charges on account of experimental Tea plantations amounting to 40 and Rs 4575 respectively, which I first opened admitted under

the

the idea that these must have been additional receipts which could not be identified. Some minor errors and omissions have also been discovered. I have therefore had the accompanying amended account C of financial results from 1860-61 to 1876-77 prepared, which I beg may be substituted for the one submitted with my 979 dated the 20th of November.

5. I would invite the attention of His Grace in connection to para 6 of that communication and would respectfully point out that in regard to the accounts between Mr MacIvor and the Government the only matter of doubt and difficulty is the question of sums realized by him not brought to account.

6. In connection with this point I forward for the information of Government extract paras 2 & 3 of a letter from the acting Commissioner of Nilgherries No 43 dated the 21st of February last together with the original copies of correspondence referred to therein (favor of return of which with reply is requested) for such orders as the Government may deem necessary. This correspondence appears to show how utterly hopeless it is to get at any results unless Mr MacIvor's private accounts are produced and unless these are found full and reliable.

So

7. So soon as the Government determine the claim it intends to make against the Estate of the late Mr. MacIvor, the cost of the fixtures alluded to in G.O. Public Department No. 757 dated 4th May 1878 viz Rs. 2240 can be taken to account, and an adjustment effected for their sum between the Public Works and the Civil Departments.

8. I request the favor of early orders on the suggestion contained in para 8 of my previous letter in regard to future accounts.

I have the honor to be
Sir,
Your obedient Servant
E. W. Wolley
Accountant General.

Compared

Revenue.

1878 Dated 18th May 1878
Received 20th May 1878

Examined
James Hope
Asst Accountant General

To the Secretary to Govt.
Revenue Department

Sir,

I have the honor to transmit herewith the accounts noted in the margin, for the month of April 1878, and to request that you will be pleased to cause the same to be audited.

I have &c.
(Signed) [illegible]
Asst Accountant General

Madras, 18th May 1878

Forwarded to the Accountant General for audit.

By order &c.
(Signed) [illegible]
Secretary to Government

Revenue Department, 20th May 1878.

A

7

Estate Mr. McIvor in Account Current with Government on account of Cinchona Plantation &c.

1860-61	Advance made		1921	5	-	By Amount adjusted in detailed bill in	1861-62	188	15 4
1861-62	Do		22911	15	4	Do	in 1862-63	649	2 -
1862-63	Do		48390	-	-	Do	in 1863-64	78697	9 7
1863-64	Do		57476	-	-	Do	in 1864-65	38901	12 9
1864-65	Do		58502	-	-	Do	in 1865-66	126137	13 4
1865-66	Do		62781	5	-	Do	in 1867-68	1890	4 4
1866-67	Advance made		56120	-	-	By Amount adjusted in detailed bills in	1866-67	26834	7 11
1867-68	Do		45900	-	-	Do	in 1867-68	114944	6 2
1868-69	Do		31100	-	-	Do	in 1868-69	32187	15 2
1869-70	Do		19150	-	-	Do	in 1869-70	18353	7 3
1870-71	Do		5750	-	-	Do	in 1870-71	30316	4 10
						By Amount written off as per G.O. No 1478 dated 25th Sept		1577	- 6
1871-72	Do		11800	-	-	By Amount adjusted in detailed bill in	1871-72	11073	1 1
					-	By Amount written off as per G.O. No 1583 dated 24-10-71		188	- -
1872-73	Do		15908	-	-	By Amount adjusted in detailed bill in	1872-73	17232	11 1
1873-74	Do		14533	-	-	Do	in 1873-74	15944	3 -
1874-75	Do		17500	-	-	Do	in 1874-75	12834	1 1
1875-76	Do		27500	-	-	Do	in 1875-76	21243	5 5
1876-77	Do	in April & May 1876	10200	-	-	Do	in April and May 1876	10178	2 1
						By Amount advanced to Mr. Rowson		5915	- -
						Do	to Narayanaswamy	300	- -
						Balance due by Mr. Ivor's estate		5861	1 5
			501946	9 4				501946	9 4
Deduct advances for Sea Plantations			4515	- -		Deduct advances for Sea Plantations		4515	- -
			497431	9 4				497431	9 4

65 B.

Memo explanatory of the discrepancy between the figures given in Columns 4 of the Statement dated 12th April 1876 and of those given in Column 6 of the Statement dated 20th November 187

Years	Statement of 12th April 1876	Statement of 20th Novr. 1877	Difference	Explanation of Differences
1864-65	84131	84111	20	These two sums being Botanical Garden Charges were omitted from the later Statement.
66-67	81026	80926	99	
67-68	79882	73383	6499	This is an advance for the erection of a Laboratory building and Quinologist residence. It was omitted from Column 6 of the later Statement but should have been added to the figure in Column 8 thereof.
70-71	83394	80075	3319	This item comprises a charge of Rs 1801-5-- against Quinologists Department Rs 1420-- against Botanical Gardens and Rs 98 against Cinchona Plantations. The first 2 sums were omitted in Column 6 of the later Statement in which Rs 98 & Rs 1800 should have been added to the figures in Columns 6 & 8.
71-72	34348	31956	2037	This difference is owing to the inclusion in the first Statement of Rs 1675-12-- of the Botanical Gardens Rs 1600 of the Quinologists Department and to the exclusion therefrom of Rs 100 Cinchona charge debited to Provincial Services in May 1871. The two first items were therefore omitted in Column 6 of the later Statement and Rs 100 added thereto; but in this Statement Rs 211-12-- omitted to be taken therein as Rs 1600 of the Quinologists Department should have been added to the figures in Columns 6 & 8 respectively.
72-73	32666	29715	2951	This difference arises from the sum of Rs 2370 of the Botanical Gardens Rs 81-12-3 of the Quinologists Department and Rs 500 Cinchona charges incurred on the Pulni Hills Vide G.O. No 1589 of 20th November 1872 having been included in Column 6 of the later Statement to the figure in column 8 of which Rs 81-12-3 should have been added
73-74	29537	28224	1313	This advance to the Quinologists Department was omitted from the figures in Column 6 of the later Statement, but should have been added to the figures in column 8.
74-75	36524	35470	54	The difference here is battā to Mr. Cornish for the days occupied by him in the investigation of Cinchona Cultivation on the Nilgiris which should be added to the figure in Column 6 of the later Statement.

Fort Saint George
Accountt Genls Office
17th May 1878

Accountant General

67

Extract of a letter from the Acting Commissioner Nilgiris to the Accountant General Fort St. George dated the 21st. February 1878 No. 43.

× × × × × × ×

2. On looking over the Chinchona Department letter books I found two letters copies of which I enclose, and as it appeared from these that the late Mrs. McIvor had a Government Account with Messrs Arbuthnot & Co. I wrote to Mrs. McIvor asking her if such was the case to send me the pass books. I enclose a copy of her reply.

3. I have no records in my office to the particulars of the receipts on account of sale of plants and seed; nor when such receipts were credited in the Coimbatore Treasury. The Accounts however have been periodically passed by the Civil Auditor, so I presume that all items have been properly credited.

/ True Extract /

J. W. Robertson

Accountant General

Compd. BR

Rec'd 3 Oct 1867

Rec'd 1869

To

David R. Hoath Esqre.

Dear sir

I have the pleasure to acknowledge your letter of the 8th Ulto giving your draft upon Messrs Glyn Mills & Co for Rs 500. which has been placed to your credit and I shall be glad to make you up Wardian cases of any number of Chinchona plants you may require.

I will forward all the Cases to Mr Alexander McIvor Cho P. and O. Co's agent at Madras who will see them shipped with care on the steamer leaving Southampton on the 20th August or 4th September as you may direct. It would however be much better if the person intended to take charge of the plants could visit the Neilgherries, as he could then see and learn our system of management of the plants, and no doubt this would greatly facilitate your progress with the plants, and it would afford me great pleasure to give every instruction

in my

in my power. We have plants of all the species
mentioned, but I could only find in large
numbers such as are most valuable and
likely to suit your Climate. The plants should
be prepared for you immediately and should
be sent to Calcutta by the first despatch.

Signed/ W. G. McIvor

7th July 1864.

True Copy

Signed/ [illegible]
Commissioner

Rec'd 27 July

Rec'd 21 Aug 64 Cal. Rs 12.500/ Comm. 125
Forwarded to Messrs Arbuthnot & Co Madras
for Rs 12.500/ Comm. 125
Mr. [illegible]

Messrs Arbuthnot and Co
Madras

81

Dear Sirs

I have the pleasure to enclose a Bill
of Exchange for Rs 500. and will thank you
to be good enough to realize the amount and place
the same to my Credit.

As vouchers are required by the Civil
Auditor for the Charges paid by you on account
of the gardens and Chinchona Plantations,
I beg to enclose bills for the same and will
thank you to be good enough to sign and return
them.

Signed/ W. G. McIvor.

True Copy

Signed/ [illegible]
Commissioner

No. 9.

Commissioners Office
Ootacamund 16th January 1865

From,

The Actg. Commissioner
Nilgiris

To,

Mrs. A. M. Webster
Ootacamund.

Madam,

On looking over the accounts of the Chinchona Department I find that on the 1st July 1864 your late husband received Rs. 500 from Mr. D. K. Mair and on the same date remitted the amount to his account with Messrs. Arbuthnot & Co. I enclose copies of letters bearing on the subject for your information.

2. As it appears from this that your late husband had a Government account with Messrs. Arbuthnot & Co., I should be obliged by your forwarding to me their passbooks shewing the sums received and expended by them on account of the Chinchona Department.

I have the honor to be,
Sir
Your most Obed.t Servt.

(Signed) A. M. C. Webster.
Actg. Commissioner

C.W.

(Time Copy)

Actg Commissioner

Copy Recd 27th Jany 1892

Cotacamund 25th January 1892

From,

Mrs W. C. McLean
Ootacamund.

To,

The Hon'ble Callum Webster Esqr
Commissioner of the Neilgherries
Ootacamund.

Sir,

I have the honor to acknowledge receipt on 20th instant of your letter Ch.g dated 18th with 2 enclosures, and to inform you that my late husbands Account with Messrs Arbuthnot & Co were for his private business. There was no passbook that I am aware of. Accounts no doubt were rendered half yearly as is usual, but it is impossible for me to lay my hands on these accounts dating so far back as 13 years ago.

I am aware a large number of plants were at different times distributed Gratis by order of Government. These were entered in the sales book for the purpose of recording the number sold and distributed. Some years ago there was a large demand for plants, consequently Mrs McLean kept a number of Wardian Cases on hand. These I believe he used to pay for out of his own funds. The Expense of carriage to Madras and other places were often paid by him, consequently these items could not be credited to Government. Mrs McLean got 1180 plants which at 4 annas each the price of the plants amounts to Rs 295, no doubt the difference must have been for the Wardian Cases and Carriage to Madras. The amount for—

for plants & full confident must have been paid into the Treasury with other sums, as was always the case.

I regret that the Government should consider it necessary to go into the accounts of the Chinchona Department for the last 7 years, as the accounts of this Department were regularly submitted to and passed by the Accountant General during my husbands life time, and I think it is unusual that I should be called upon for an explanation in these matters.

I have the honor to be
Sir
Your most Obed't Servt,
(Signed) Anne McLean

(True Copy).

Actg Commissioner

C.W.

Dec 27/76

DEPARTMENT

No. 84 N

14/77

Fort Saint George,
Accountant General's Office,
5th September 1876.

T 356

FROM THE ACCOUNTANT GENERAL
TO THE GOVERNMENT OF MADRAS,

TO THE Chief Secretary to Government
Ootacamund.

SIR,

With reference to your memo No 122 dated the 5th of June last, and the accompaniment to this office No 3926 dated the 17th idem which had been received back demi officially with the value of the bark communicated, I have the honor to forward herewith a statement of the Cinchona plantations made up to 1875-76, with the figures for 1876-77 also added.

I have the honor to be
Sir
Your Obedient Servant

Accountant General

Chromo 1878 Deptt

No. 3906.

~~Department~~,

ACCTT. GENL.'S OFFICE, MADRAS.

No 814 A

From

The Accountant General, Madras,

To

The Chief Secretary to Govt.

Ootacamund.

Dated 5th September 78

Recd. 6th } No. of answer.

Ansd.

Subject.

Forwards a statement of Chinona plantations prepared up to 1875-76 with the figures for 1876 also added

dd 6th 1209 24 June 1879

79.

Account of Receipts and Expenditure on account of the Cinchona Plantations from the Commencement up to the close of 1875-76 taken from the Accountant General's Books returns of sale from India Office and other Sources.

Years	Receipts: Value of bark supplied to the Laboratory	Value of bark sent to England	Value of bark sold to Govt. & Coast Receipts	Total	Charges: Establishment including Superintendence	Buildings and Plants	Other Charges	Value of Convict Labor	Interest on Balance of Charges	Total	Remarks.
1	2	3	4	5	6	7	8	9	10	11	
1860-61	" " "	" " "	" " "	" " "	" " "	" " "	4821 5 "	" " "	" " "	4821 5 "	Column 2 is taken from a return dated August 13, I received demi-officially from the Under Secretary.
1861-62	" " "	" " "	" " "	" " "	" " "	" " "	22914 15 4	" " "	216 15 4	23131 14 8	
1862-63	" " "	" " "	" " "	" " "	" " "	" " "	48390 " "	" " "	1257 14 4	49647 14 4	Column 3. The figures are taken from a Secretariat return — converted into Indian money at the rate fixed annually for the adjustment of the transactions between England and India. It includes the sum of £ 29362-10-9 referred to in G.O. 2359 dated 21st July 1877 though this was really actually paid into the Home Treasury in 1877-78.
1863-64	" " "	" " "	" " "	" " "	12726 14 7	" " "	53173 9 2	" " "	3492 " 10	69392 8 7	
1864-65	" " "	" " "	" " "	" " "	24444 8 11	" " "	59666 12 "	" " "	1614 11 5	90726 " 4	
1865-66	" " "	" " "	" " "	" " "	25449 14 "	3700 " "	58887 5 "	" " "	10697 6 2	98734 9 2	
1866-67	" " "	" " "	2450 " "	2450 " "	23803 9 10	3025 " "	62632 " "	48666 10 8	15140 7 1	1143267 11 7	Column 9. taken from G.O. 16th Nov. 1876 No 1897 Revenue.
1867-68	" " "	287 8 "	" " "	287 8 "	26087 3 1	2600 " "	43295 14 4	48666 10 8	17687 7 6	1140337 3 7	
1868-69	" " "	" " "	1650 " "	1650 " "	25871 7 10	2030 " "	30636 1 "	48666 10 8	27779 7 8	134783 11 2	Col: 10 Calculated at 4½ percent on the balance of charge at the close of the preceding year.
1869-70	1512 6 4	" " "	" " "	1512 6 4	25783 5 4	1650 " "	19163 " "	" " "	33769 2 3	80365 7 7	
1870-71	4364 14 8	" " "	323 14 "	4688 12 8	23730 5 4	300 " "	6143 " "	" " "	37317 8 6	67490 13 11	
1871-72	9542 12 8	3479 3 6	" " "	13022 " 2	17157 5 4	850 " "	13160 4 9	" " "	40143 10 "	71311 4 1	
1872-73	16806 15 8	4386 2 1	2271 4	21422 3 1	12724 " "	550 " "	16441 " "	" " "	42766 10 3	72481 10 3	
1873-74	21136 7 "	36417 6 3	300 9 "	57854 6 3	12574 " "	558 " "	15091 14 "	" " "	45864 5 1	73288 3 1	
1874-75	8576 " "	" " "	273 4 "	8849 4 "	16406 8 "	1700 " "	17417 " "	" " "	45758 13 5	81282 5 5	
1875-76	" " "	60404 7 11	2000 " "	62404 7 11	17234 " "	1550 " "	27423 " "	" " "	49018 5 3	95225 5 3	
	61939 8 4	104976 11 9	7254 12 4	174171 " 5	263793 2 3	18573 " "	489257 " 7	146000 " "	378724 13 1	1296257 15 11	
1876-77	" " "	435376 14 11	1428 " "	436804 14 10	12467 7 2	" " "	58408 14 10	" " "	50495 4 3	121371 10 3	
	61939 8 4	540353 10 7	8682 12 4	611" 15 3	276260 9 5	18573 " "	547665 15 5	146000 " "	429220 1 4	1417659 10 2	

		Net Result
Total charges up to 1875-76.	Rs	1296257-15-11
Total receipts do do	"	174171-" "-5
Net charges	"	1122116-15-6
Add charges 1876-77	"	121371-10-3
	"	1243488-9-9
Deduct receipts do	"	436804-14-10
Net charges up to 1876-77	"	806683-10-11

Fort Saint George
Accountant General's Office
5 September 1878

Certified

Deputy
Examiner

Accountant General

Examined & Passed
No 3900.

ACCTT. GENL.'S OFFICE, MADRAS.
No 114 A

From
The Accountant General, Madras.
To

Rev: 1879 DEPARTMENT.

ACCTT. GENL.'S OFFICE, MADRAS.

No. 195

FROM

THE ACCOUNTANT GENERAL, MADRAS,

To The Secy to Govt
Rev: Dept

Dated 8
Recd. 9
Ansd. 11
} No. of answer. Same

Subject.

Requesting to be favored with the orders of Govt on the proposal in respect to the Audit of accounts of the Cinchona Plantations

C.S. 5-6-79 R.C. 11-6-79
D.R. 2-6-79 R. 24-6-79.

Item No 2, - Rs. 4° hors as admitted

Item No 3 - deduction for Rs 4° hors as admitting in this a/c rendered -

The first item is the important one - and to the Acct. Genl. was expressly & specially asked to investigate the expenditure on account of the Chinchona Plantation, to give us further information in the matter than was given in his letter of 8th June 77 - 270 (Pro. 4 July) - nor has he explained why he has not gone into these affairs - in fact matters are no further advanced, than they were a year or more ago - Nor are Govt. in a position to judge of the merits of the case from him - This should not be tolerated - Nor has Acct. Genl. as far as this matter is concerned attempted to check both the expenditure in the early years of 4° hors annual reports - The 8th Annual Report, in the accounts of 61/62 gave as for and credited for particulars as to disposal since to that year - But taking Mr hors statement as (F)5th which was forwarded after this bullying - which was carefully prepared - how does the matter stand - He says that up to March 31.75 - the had spent - - - - Rs 7,05,749

But the Acct. Genl. in his statement 20th Nov 77 - shows that up to this date he had expended - Rs 7,27,084

Consequently on that date Mr hor had not accounted for - Rs 21,335

But even this difference adjusted in 75/76 & 75/77 ? No - In these two years Rs 37,200 were paid to Mr hor - and Rs 34,563 accounted for (the Acct. Genl's statement) & since 77 - Deduct the unexplained balance according to the Acct. Genl's statement even nearly the

at the close of 1876 Rs 27 [illegible] at the close of
74/75 — as explained, Good Rs
— Consequently on the Acct. Side, the Nursing
Sisters with 1/- Rs 2,700 s/c — these must
be added to the Rs 3,415 — which the Bank can now
have after allowing his credit for the
18000 due by him — exclusive of the
Rs 28,000 which the Acct. Genl. has agreed he
has admitted that he had received for
Isles by Gr. —
Mark this is all in the abstract sent by
the Acct. Genl's figures were furnished me
by Greaves subsidiary from Accts furnished by him
on the 12th April 1876 — Considering that there
is a difference of no less than Rs 16,641 in his
present a/c of Expenditure from 64/65 to 74/75
and that has furnished, he might have
explained how it was he had made such
a gross error — the first-mentioned Expenditure
for these years 64/5 to 74/5 — as now Rs 6,03,530
as 5,86,889
16,641

It is curious that the total Expenditure
given by him Upcher, excluding the year 61/62 in
which he says there was an Expenditure
of Rs 22,765, and including
the Gardens is nearly identical with the
new figure, i.e. Rs 7,26,841 against
Rs 7,27,054 — It is certainly strange that
the exclusion of such an important item as
Rs 22,000 for one of the outbreaks in the Mad
should not have disturbed the agreement
of Rs 203 — The difference in 67/68 is nearly
7000 Rs — Since the matter should have
been explained —
Mark how the figures for the other years must
be altered the charges accumulated
for 5 years would have been Rs
Difference between admitted Expenditure & Acct. Genl's a/c exclusive of 1861/62 — 21,335-
Expenditure in 61/62 — 22,765-
Rs 44 100

carried forward

Carried forward ... Rs 44,100
Add sale not credited ... 19,108
for —
63,208
Deduct Amt
Treasury Bank of Bolt ... 3,4105
59,89,30

It is most important that the Govt. prior to 67/68 should be reached. Fol-
low this year the post was kept
under surveillance — It has since
been found advisable to the accounts
be located at Colombo & the accounts
please at close of 66/67, Rs. —
took 4 years to adjust —

REVENUE DEPARTMENT.

No. 4865 of 77. 2173 & 3906/78 & 195/79.

From The Accountant General.

Dated 20th October/77, 18th May & 5th/16th December/78
& 8th January/79, C69/79 1145, 3406 & 24 respectively.

FOR ORDERS.

These papers relate to the accounts of the Cinchona plantations and of the late Quinologists Department.

H.E. the Governor did in June 26.
Govt. Sect. A. in Sect. 2. In the earlier the
Govt. Letter of 8 May 78 Accountant General re-
transferred this to marked that there were
Agric. & Hy. 76. to work three points to be consider-
advances from the same ed:-
amt of Rs. 10,200.
The unadjusted balance is (1) What sum is prima
found to be Rs. 5861. out facie due from the late
of a total of Rs. 501,946. Mr. & Mrs. Moor
of transactions spreading (2) What are the finan-
over about 16 years. cial results of the Chin-
I think there is nothing chona operations
forward in this. (3) Upon what are the account
Mr. Lines Thwaites

No

to be kept in future.

3. The (2) has now been settled in connection with inquiries made by the present Chairman of Committee which had to determine the cost of Belgaum branch.

In doing this the Expenditure & receipts of the plantations were separated from those of the Quinologist's Department. The Statement as regards the former was sent to the Committee and appeared in Appendix "U" of their report and has or should been accepted" as a

sum about Rs. in the Bank of Bo. 3415. at Govt. Treasy. above any thing in his own name. it was not available for Govt. purposes & Government therefore has now become available to the extent of this sum for the account. Assuming however as we may that Chuck Gaiety do not owe Govt. anything. It must therefore be treated as a Govt. Saving. Account No. 2400. ab. Rs. - Should Chuck appeal he is entitled to

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× page 51.

* Sec. 24th Feby 1879 No. 463, para 2.

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for Conviction of such practices or Criminal for immediate refund

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Statement for Recovery.

I think Govt. Mr. Chuck told that to most

---

* Submitted separately by the Accountant General.

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careful scrutiny of the list which was adopted C. S. shows an unadjusted balance of Rs. 5867. Treasy. from sum outstanding 2nd from the public Treasury. that Govt. account that Rs. 3415 a credit in the Bank his draft from part of this. but that the Govt. having been paid by him in his own name, it was not recoverable by Govt. of Chuck into his Estate.

Right of this claim for Rs. 5867. the

95

a Statement of the Government expenditure & recorded receipts.

It only remains to forward a Copy with a Copy of the Quinological account to the Government of India, in the Revenue Department, which sometime ago called for such a Statement. A letter to accompany them is separately drawn & dated.

4. The (1) point viz. the claim of Government against the estate of the late Chuck Mr is reported on in paragraphs 3 & 6 of the earlier of the Accountant General's letters

letters and a sum of Rs 5861-4-8, out of the Advances made to Mr McIvor, is shewn to be unaccounted for. This is the same result as that already reported (vide G.O. 4th July 1877, No 2209) and the Accountant General was accordingly asked by O.M. to explain the fact as the earlier account had apparently only commenced with the advances of 1866/67 and as Mr McIvor's own statement of expenditure to the close of 1874/75 was only Rs 7,05,749-11-6 against

FOR ORDERS.

Govt. [illegible] the amt of R. 2240. admitted due [illegible] Mr. M. [illegible] [illegible] in G.O. [illegible] May 78. & decline [illegible] informed whether [illegible] is prepared [illegible] adjust the balance of R. 3621.

I assume that Mr. M. is [illegible] and a bill [illegible] out [illegible].

Of course the demand must be made agst. the proper person at last.

[illegible]

I don't think any claim can be advanced in con. with the [illegible] [illegible] matter - we know nothing & [illegible] [illegible] [illegible] that Govt. has [illegible] value [illegible] that was due [illegible] on the account - [illegible]

10.5.78.

Vide G.O. 22nd May/76 No 658.

The Rs 5861 - [illegible] set off - [illegible] at once [illegible] [illegible] [illegible] [illegible] the [illegible] matter [illegible] [illegible] [illegible] [illegible] it - [illegible]

30/5

The [illegible] should [illegible] not interfere with [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

against Rs 7,27,083 odd as now returned. There were also certain discrepancies between this new statement and one submitted by the Accountant General in 1876.

5. These last are explained satisfactorily in Statement B with the Accountant General's 2nd letter in which also he states, (a) that advances and adjustments from the outset (1860/61) have been traced from the actual accounts with "very great labor" only to find the result

to be as already shewn & (he) that it is quite impossible "to explain the cause of the difference between the returns of this office and those submitted by Mr. Ch. Ivor"

b. As to the latter point it may be observed that Mr. Ch. Ivor was not in a position to compile an accurate statement of account and the shewing that the books have gone through, has been so thorough that there seems no room to doubt that all the sums advanced have been ascertained.

This

"This being the case, it has to be ascertained how far the advances have been adjusted"

y. It was reported in November 1876 by the officer who audited the accounts shortly after Mr. Ch. Ivor's death that there was during his lifetime "absolutely no record, i.e. no connected record of receipts & disbursements beyond that furnished by his "Bank Pass book & copies of the detailed contingent bills combined."

The former showed Rs. 3,415-2-5 as due

to

Vide in G.O. 17 April 1877 No. 1454.

to Government.

The Accountant General recommended that the Bank should be called on to transfer this amount, at all events, from Mrs. McEvoy's name to that of the Commissioner but the point was not distinctly noticed by Government who instructed the Commissioner to ask Mrs. McEvoy for her late husband's Cash book in order that a full acquittance might be granted in regard to his Estate. She declined, stating the

Vide in G.O. 4th July/77 Clc 2209

had already furnished detailed statements of all cash transactions in Mr. McEvoy's books connected with the Department....

8. His Government then awaited the further investigation of the accounts which shows that Mr. McEvoy failed to account for Rs. 5861-4-8 and the sum, and not the smaller sum shown by the Pass book, should, the Accountant General thinks, be claimed, as the Pass book contains no information

information by which the details of the different payments can be ascertained".

On the other hand it is possible that Mr. McIvor could have accounted for the difference.

9. So far only the sums advanced by Government to Mr. McIvor have been dealt with. But there were receipts by Mr. McIvor from the sale of plants & seeds &c. Of these the total sum paid into the credit of Government amounted

amounted only to Rs 5294-12-4 upto the end of 1875. There is no public account by which to check these receipts, but in Mr. McIvor's financial statement, already referred to, a sum of Rs 24,402 was entered as receipts from the Aspatalum Department. Of the bulk of this money there seems absolutely no trace. It may never have been realized or may have been used in the Government estates or may still

* Note - Mr. McIvor says - "Jamaica was a large number of plants there at different times, distributed gratis by order of Government. These were entered in the Cash book for the purpose of recording the number supplied & distributed"

still be due by the
Mr. Dorè Estate.
His private accounts
might afford informa
tion on these points,
or they might not,
but these it is prudent
will not be
produced even if
available for so
long a period.

10. The claims
of Government against
the Mr. Dorè are briefly
by:-

(1) Rs 3,415-2-5 as per Bank pass Book

(2) Rs 2,446-2-3 being additional unadjusted advances as now ascertained

(3) Rs 23,366-3-8 being the difference between Rs 5294-12-4 received paid into the Treasury the Rs 28650 Collector's receipts by late Mr. Dorè but possibly never realized.

Vide Mr. Mr. Dorè's letter to the Commissioner, Belgaum, with Accountant General's letter of the 8th May 78, etc. 1448.

Vide para 3 General's letter

11. On the other hand Mr. Mr. Dorè has an admitted claim of Rs 2,240 against Government (vide G.O. Public Department, dated 4th May 1878, etc 757.)

12. Lastly the Accountant General asks whether the accounts should continue to be audited by a special officer. He thinks this unnecessary with the new forms now in use.

He suggested a similar view as to the Accounts of the Botanical Gardens and this was admitted.

Then came the Rs

para 8, Letter of 20 Nov 1877
Do. 18 May 1878
and Letter 8 Jan 1879

*G.O. 17 April 1877 etc 1454.

G.O. 7 June 1878 No. 868

Ed. Mr. D

Rob Stevenson Esq. Dr.
To Balance of Account
£ 3881.-4.2 Sterling
2240.-0.0
£ 3621.-4.2

From the Executors of
Administrators of the
Estate of Robert
Smith Deceased
Settled Passed &
Allowed the 7th
day of June 1793
Errors Excepted
Pr. Jas. Hamilton
Clerk

Accounts for Orders
Accountant General
Chinchona Plantations and
late Quinological Dept.
1879.

Dated

Recd

c 5-8-79. RE 11-6-79
R 2-6-79 R 24-6-79.

109 17

Revenue Department.

No 1039

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 24th June 1879.

READ the following Letters from the Accountant General dated 20th Novr 77, 18th May & 5th Sept. 78 and 8th January 1879, Nos 979, 1448, 84 and 24 respectively, regarding Accounts of Chinchona Plantations and of late Quinological Depts.

These papers relate to the accounts of the Chinchona plantations and of the late Quinological Department.

2. In the earliest the Accountant General remarked that there were three points to be considered:

Whet-

(1) What sum is prima facie due from the late Mr. McIvor.

(2) What are the financial results of the Chinchona operations

(3) How are the accounts to be kept in future.

3. The (2) has now been settled in connection with the inquiry made by the recent Chinchona Committee which had to determine the cost of Nilgiri bark. In doing this the expenditure and receipts of the plantations were separated from those of the Quinologists' Department. The statement as regards the former was sent to the Committee, and appeared

* Page 51
* G.O. 24 "Fby/79 p. 463, para 3.

appeared in Appendix E of their report and has now been accepted "as a statement of the Government expenditure and recorded receipts."

4. To ascertain the sums due by the estate of the late Mr. McIvor advances and adjustments on account of the Chinchona Plantation have, the Accountant General states, been traced from the earliest "from the actual accounts with very great labor" and a sum of Rs 5361-4-8 is shown as unadjusted at the time of Mr. McIvor's death.

This amount includes the balance then in the Bank to Mr. McIvor's credit as

* Vide Auditor's letter in G.O. 17 April 1877 No 1454

as shown by the Bank pass books, [illegible] within 2 months.

5. The Govt understand that Mrs McIvor is the Administratrix of her late husbands estate and the Commissioner of the Nilgiris will accordingly inform her that a careful scrutiny of the accounts rendered by Mrs McIvor as Supts of the Govts Chinchona Plantations shows an unadjusted balance as above detailed to be accounted for by him out of advances received from the public treasury. Against this amount will be set the sum of Rs 2240 being the value of the fixtures in Gardin

Garden Villa as settled in G.O. 4th May 1878 No 757 (Public Dept) and the Commissioner will call on Mrs McIvor to state whether she is prepared to adjust the balance of Rs 3621.

6. If Mrs McIvor is not as Govt assume Executrix under the will of her late husband the demand must be made against the proper person at law.

7. As regards the (3) points noted by the Accountant General the Govt observe that in April 1877 the Commissioner was directed to arrange for the immediate introduction of the new system of accounts and if as is presumed

G.O. 17th April 1877 No 1454 para 8.

presumed those forms are in use the Annual Audit of the accounts may be gran-
ted as aforesaid already been sanc-
tioned in the case of the Bo-
tanical gardens and Parks. 6th June 1878 Vic 8185

6 To the Commissioners of Works
6 The Commissioners of Police
14 The Board of Trade
6 The Treasurer of Ord
6 the Supt of Bot Central Museum

100
6

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

21th June 1879, No. 1,339.

No. 356. READ THE FOLLOWING PAPERS:—

From L. C. PROBYN, Esq., Accountant-General, Madras, to J. H. GARSTIN, Esq., Acting Secretary to Government, Revenue Department, dated Fort St. George, 20th November 1877, No. 979.

WITH reference to the orders noted in the margin, I have the honor to state that I took advantage of being at Ootacamund on privilege leave last month, to hold an interview with Mr. Webster, the Officiating Commissioner, on the subject of the Chinchona accounts. The following remarks record the result of our conversation.

G.O., 22nd May 1876, No. 658.
„ 16th November „ „ 1,697.
„ 23rd November „ „ 2,778.
„ 19th January 1877, „ 408.
„ 1st May „ „ 1,604.
„ 4th July „ „ 2,209.
„ 15th August „ „ 4,600.
„ 27th August „ „ 2,589.

2. There are three distinct questions involved in this correspondence, each of which should be separately considered:—

(*a*) What amount is *primâ facie* due from the late Superintendent, Mr. McIvor?

(*b*) What are the financial results of the operation up to the close of the year 1876-77?

(*c*) In what way should the accounts be kept in future?

3. (*a*)—*The amount due by Mr. McIvor.*—There is no difficulty in regard to so much of this as is due on account of advances made to Mr. McIvor from the Government Treasury. The sums which were paid to him are known; the sums which he has accounted for to my office are known; the balance which he has not accounted for is the balance due by his estate. This balance is as shown by the account prepared by Mr. Beeby, and published with G.O., No. 2,209, dated the 4th of July 1877, Rs. 5,861-4-8. I may add that the Bank Pass-book No. 2 (which professes to be Mr McIvor's public bank account) shows only a smaller sum of Rs. 3,415-2-5, but the Bank pass-book contains no information by which the details of the different payments can be ascertained, and Mr. McIvor's estate must be held liable for so much of the advances he received has have not been accounted for.

4. But, besides these advances, certain moneys were received by Mr. McIvor from time to time on account of sale proceeds of Chinchona plants, old stores and the like, for the payment of which to Government he was responsible. It is impossible to ascertain from any records at our disposal what these sums amounted to. Apparently since a Mr. Macfeat took up his post as private clerk to Mr. McIvor in 1868, there was no separate record whatever of such receipts which were simply shown in Mr. McIvor's private cash-book; and a separate book which before 1868 is said to have been kept to show these receipts by a Mr. Batcock is not now forthcoming. If Mr. McIvor's private cash-book and Mr. Batcock's receipt book were produced, it might be possible to check the receipts approximately, as the treasury credits ought at least to correspond with the aggregate of

the sums which these records might show were received; but even then there would be no check that all items due had been realised. *Prima facie* it would seem that either very large sums due were not realised, or, if realised, were not credited to Government. It appears that no less than 323,000 Chinchona trees were distributed up to January 1876. At first they were sold at 4 annas a plant, and though it cannot be ascertained how many plants were sold before the rate was reduced, it is known that considerable quantities were sold at this high rate. But the total sum paid into the credit of Government amounted only to Rs. 5,294-12-4 up to the end of 1875, and even this sum included, besides the sale of Chinchona trees, other petty recoveries. It is possible of course that Mr. McIvor may have been very negligent in realising the sums due (he appears himself to have been a shareholder in two of the private concerns the Devee Sholah and Ossington to which large quantities of plants were sold), or it is possible that without bringing them to account at all, he may have made use of the money he received for Government expenditure, for which he did not submit regular bills.

5. It would appear however from the statement prepared under Mr. McIvor's own directions, which accompanied his No. 107, dated the 23rd of September 1875, that he himself calculated these miscellaneous receipts at Rs. 28,650. I obtain this sum thus:—

		RS.	RS.
Total receipts shown by Mr. McIvor ...			2,17,980
Deduct—			
Sale proceeds of bark in 1867		287	
Do. 1871		3,334	
Do. 1872		4,297	
Do. 1873		34,900	
Do. 1875		56,000	
Value of bark supplied to Quinologist ...		90,512	
			1,89,330
Balance of receipts unaccounted for and presumed therefore to be sale of plants, &c.			28,650

Further, too, Rs. 24,402-3-4 is distinctly shown in the same account as "receipts of the Propagation Department." The difference between this sum and that above given, viz., 4,248, is probably on account of sale of Chinchona trees, &c., from the Nedduvattum, Dodabetta and Pykara plantations and not directly from the Propagation Department.

6. It is for the Government to determine whether under the above circumstances any steps should be taken to compel Mr. McIvor's executors to produce his private accounts, or to call upon them to give a detailed account of the difference between the sum of Rs. 28,650 (which his own statements show as miscellaneous receipts, and which includes a sum of Rs. 24,402, expressly stated by him to be receipts of the Propagation Department) and the sum of Rs. 5,294-12-4, which has been alone credited in the treasury.

7. (*b*)—*The Financial Results of the Operation.*—I annex a statement showing these. The only points which call for special notice are—

(1) Nothing has been shown for cost of land.

(2) I have taken Mr. Cockerell's figures as to the amount of amorphous quinine prepared, viz., 722 lbs. 2 oz. (throwing out 200 lbs. as spoilt), and I have assumed the value of this at $\frac{1}{8}$th an ounce, thus giving Rs. 17,331. The amount actually credited to the Civil by the Military Department appears to be Rs. 5,197-13-9 only, but it seems probable that credit was not given for the whole amount supplied. In Mr. McIvor's statement 362,050 lbs. of green bark, supplied to the Quinologist, is apparently taken at 4 annas a lb., or Rs. 90,512; but in an account the value of goods must be taken at their actual outturn, and I believe the 722$\frac{1}{8}$ lbs. of quinine manufactured by Mr. Broughton is not under-valued at 17,331.

(3) Interest has been taken at 4$\frac{1}{2}$ per cent., and compound interest has been calculated at the close of each year.

(4) The decision of the Government contained in G.O., 16th November 1876, No. 1,697, that the value of Jail labor employed was Rs. 1,46,000, has been adopted. There is nothing whatever on record in this office to show the grounds for this decision, but I understand it was arrived at after careful deliberation. This has been thrown equally over the accounts of the three years 1866-67, 1867-68, and 1868-69.

(5) The sale proceeds of the bark have been turned into Indian money at the rate of exchange annually fixed for adjusting transactions between England and India.

(6) I have been obliged to include the tea charges, amounting to 4,515, with those for Chinchona, for the tea receipts were mixed up with those from Chinchona, and it was not possible to separate them.

8. (*c*)—*Future Accounts.*—Mr. Webster has prepared new forms of accounts, which, with one or two alterations which I have pointed out to him, appear to be on the whole suitable. I do not think there will be any necessity for the future deputation of an officer from this office to audit the accounts. In regard to disbursements, if the bills be only punctually submitted, there appears no greater necessity for the deputation of an officer to check them than there is for the deputation of an officer to check the other civil charges of the Government incurred at Mofussil treasuries, and in regard to receipts I think it will be sufficient if the Government, when reviewing the annual report of the plantation, has before it a statement prepared by this office of the sums which have been credited in account.

ACCOUNT of Receipts and Expenditure on account of the Chinchona Plantations from the commencement up to the close of 1875-76, taken from the Accountant-General's Books, Returns of Sale from India Office, and other sources.

Years.	RECEIPTS.				CHARGES.					
	Value of Bark supplied to the Quinologist.	Value of Bark sent to England.	Value of Bark supplied to other Governments and Cash Receipts.	Total.	Establishment including Superintendent's Salary.	Buildings and Plant.	Other Charges.	Value of Convict Labor	Interest on Balance of Charges.	Total.
1	2	3	4	5	6	7	8	9	10	11
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1860-61	..	..	..	..	..	..	4,821 5 0	..	..	4,821 5 0
1861-62	..	..	..	..	..	..	22,914 15 4	..	216 15 4	23,131 14 8
1862-63	..	..	..	..	..	..	48,390 0 0	..	1,257 14 4	49,647 14 4
1863-64	..	..	..	..	12,726 14 7	..	53,173 9 2	..	3,492 0 10	69,392 8 7
1864-65	..	..	..	..	24,444 8 11	..	59,666 12 0	..	6,614 11 5	90,726 0 4
1865-66	..	..	..	..	25,449 14 0	3,700 0 0	58,887 5 0	..	10,697 6 2	98,734 9 2
1866-67	..	..	2,450 0 0	2,450 0 0	23,803 9 10	3,025 0 0	52,632 0 0	48,666 10 8	15,140 7 1	1,43,267 11 7
1867-68	..	287 8 0	..	287 8 0	26,087 3 1	2,600 0 0	43,295 14 4	48,666 10 8	19,687 7 6	1,40,337 3 7
1868-69	..	..	1,680 0 0	1,680 0 0	25,671 7 10	2,030 0 0	30,636 1 0	48,666 10 8	27,779 7 8	1,34,783 11 2
1869-70	1,512 6 4	..	..	1,512 6 4	25,783 5 4	1,650 0 0	19,163 0 0	..	33,769 2 3	80,365 7 7
1870-71	4,364 14 8	..	323 14 0	4,688 12 8	23,730 5 4	300 0 0	6,143 0 0	..	37,817 3 6	67,490 13 10
1871-72	9,542 12 8	3,479 3 6	..	13,022 0 2	17,157 5 4	850 0 0	13,160 4 9	..	40,143 12 0	71,311 4 1
1872-73	16,806 15 8	4,388 2 1	227 1 4	21,422 3 1	12,724 0 0	550 0 0	16,441 0 0	..	42,766 10 3	72,481 10 3
1873-74	21,136 7 0	36,417 6 3	300 9 0	57,854 6 3	12,574 0 0	558 0 0	15,091 14 0	..	45,064 5 1	73,288 3 1
1874-75	8,576 0 0	..	273 4 0	8,849 4 0	16,406 8 0	1,700 0 0	17,417 0 0	..	45,758 13 5	81,282 5 5
1875-76	..	60,404 7 11	2,000 0 0	62,404 7 11	17,234 0 0	1,550 0 0	27,423 0 0	..	49,018 5 3	95,225 5 3
	61,939 8 4	1,04,976 11 9	7,254 12 4	1,74,171 0 5	2,63,793 2 8	18,513 0 0	4,89,257 0 7	1,46,000 0 0	3,78,724 13 1	1,296,287 15 11
1876-77	..	4,35,376 14 10	1,428 0 0	4,36,804 14 10	12,467 7 2	..	58,408 14 10	..	50,495 4 3	1,21,371 10 3
	61,939 8 4	5,40,353 10 7	8,682 12 4	6,10,975 15 3	2,76,260 9 5	18,513 0 0	5,47,665 15 5	1,46,000 0 0	4,29,220 1 4	1,417,659 10 2

REMARKS :—Column 2 is taken from a return, dated August 13th, I received demi-officially from the Under Secretary.

Column 3. The figures are taken from a Secretariat return converted into Indian money at the rate fixed annually for the adjustment of the transactions between England and India. It includes the sum of £29,362-18-9 referred to in G.O., 2,359, dated 21st July 1877, though this was really actually paid into the Home Treasury in 1877-78.

Column 9. Taken from G.O., 16th November 1876, No. 1,697, Revenue.

Column 10. Calculated at 4½ per cent. on the balance of charge at the close of the preceding year.

Net Results.

	Rs. A. P.
Total charges up to 1875-76	12,06,287 15 11
Total receipts do.	1,74,171 0 5
Net charges	11,22,116 15 6
Add charges of 1876-77	1,21,371 10 3
	12,43,488 9 9
Deduct receipts of 1876-77	4,36,804 14 10
Net charges up to 1876-77	8,06,683 10 11

FORT ST. GEORGE,
5th September 1878.

(Signed) L. C. PROBYN,
Accountant-General.

REVENUE DEPARTMENT, 24TH JUNE 1879, No. 1,339. 5

No. 357. From L. C. PROBYN, Esq., Accountant-General, Madras, to J. H. GARSTIN, Esq., Acting Secretary to Government, Revenue Department, dated Fort St. George, 18th May 1878, No. 1,448.

IN reply to your memorandum No. 495, dated the 4th December last, I have the honor to forward herewith a complete statement (A) showing the whole of the sums advanced to, and spent by, Mr. McIvor on account of the Chinchona plantations from the outset until his death. As the particulars of the advances and adjustments for the period from 1860-61 to 1865-66 had to be traced from the actual accounts themselves, no registers of advances having been kept up, it has been a work of very great labor, but His Grace in Council will observe that it exhibits the precise results arrived at in the statement prepared by this office and printed in G.O., No. 2,209, dated the 4th of July last, the assumption in that statement that the advances made up to the close of 1865-66 had been all adjusted having been proved to be correct. As stated therefore in this office No. 979, dated the 20th of November last, there was a balance on account of advances due by Mr. McIvor at his death of Rs. 5,861-4-8, although the balance in his professed public bank account only showed the smaller sum of Rs. 3,415-2-5.

2. Referring to paragraph 2 of your memorandum under reply, I beg to state it is quite impossible to explain the cause of the difference between the returns of this office and those submitted by Mr. McIvor.

3. I forward herewith a statement (B) of the differences between the figures given in the statement submitted by this office in April 1876 and those last sent. It will be seen that the first statement wrongly included charges on account of the Quinologist and the botanical gardens, it having been prepared from the accounts which were wrongly posted, without an examination of the vouchers.

4. I regret however to add that the careful scrutiny the accounts have now undergone, has shown an important omission under the charges of the Quinologist's Department, the items referred to in the previous paragraph as having been wrongly shown in the 1876 statement under Chinchona Plantations having been omitted altogether from the 1877 statement. I have also on reconsideration determined it right to exclude altogether from the statement receipts and charges on account of experimental tea plantations, amounting to 40 and Rs. 4,515, respectively, which I first of all admitted under the idea that these must have been additional receipts which could not be identified. Some minor errors and omissions have also been discovered. I have therefore had the accompanying amended account (C) of financial results from 1860-61 to 1876-77 prepared, which I beg may be substituted for the one submitted with my No. 979, dated the 20th of November.

5. I would invite the attention of His Grace in Council to paragraph 6 of that communication, and would respectfully point out that in regard to the accounts between Mr. McIvor and the Government the only matter of doubt and difficulty is the question of sums realized by him not brought to account.

6. In connection with this point I forward for the information of Government extract paragraphs 2 and 3 of a letter from the Acting Commissioner of Nilgiris, No. 43, dated the 21st of February last, together with the original copies of correspondence referred to therein (favor of return of which with reply is requested) for such orders as the Government may deem necessary. The correspondence appears to show how utterly hopeless it is to get at any results unless Mr. McIvor's private accounts are produced and unless these are found full and reliable.

7. So soon as the Government determine the claim it intends to make against the estate of the late Mr. McIvor, the cost of the fixtures alluded to in G.O., Public Department, No. 757, dated 4th May 1878, viz., Rs. 2,240, can be taken to account and an adjustment effected for that sum between the Public Works and the Civil Departments.

8. I request the favor of early orders on the suggestion contained in paragraph 8 of my previous letter in regard to future accounts.

Dr. A Cr.

Mr. McIvor in Account Current with Government on account of Chinchona Plantation.

		Rs.	A.	P.			Rs.	A.	P.
1860-1861..	Advance made ..	1,921	5	0	By amount adjusted in detailed bill in 1861-62.		158	15	4
1861 1862..	Do. ..	22,914	15	4	Do. do. in 1862-63.		649	2	0
1862-1863..	Do. ..	48,390	0	0	Do. do. in 1863-64.		78,697	9	7
1863-1864..	Do. ..	52,476	0	0	Do. do. in 1864-65.		38,901	12	9
1864-1865..	Do. ..	58,562	0	0	Do. do in 1865-66.		1,26,687	13	4
1865-1866..	Do. ..	62,781	5	0	Do. do. in 1867-68.		1,890	4	4
	Total ..	2,46,985	9	4		Total ..	2,46,985	9	4
1866-1867..	Advance made ..	66,120	0	0	By amount adjusted in detailed bill in 1866-67.		26,534	7	11
1867-1868..	Do. ..	45,900	0	0	Do. do. in 1867-68.		44,944	6	2
1868-1869..	Do. ..	31,100	0	0	Do. do. in 1868-69.		32,187	15	2
1869-1870..	Do. ..	19,150	0	0	Do. do. in 1869-70.		18,353	7	3
1870-1871..	Do. ..	5,250	0	0	Do. do. in 1870-71.		30,313	4	10
					By amount written off as per G.O., No. 1,978, dated 9th December 1870.		1,527	0	6
1871-1872..	Do. ..	11,800	0	0	By amount adjusted in detailed bill in 1871-72..		11,073	1	1
					By amount written off as per G.O., No. 1,583, dated 24th October 1871.		188	0	0
1872-1873..	Do. ..	15,908	0	0	By amount adjusted in detailed bill in 1872-73.		17,232	14	4
1873-1874..	Do. ..	14,533	0	0	Do. do. in 1873-74.		15,944	3	0
1874-1875..	Do. ..	17,500	0	0	Do. do. in 1874-75.		12,834	4	4
1875-1876..	Do. ..	27,500	0	0	Do. do. in 1875-76.		21,243	8	5
1876-1877..	Do. in April and May 1876.	10,200	0	0	Do. in April and May 1876.		10,475	2	4
					By amount advanced to Mr. Rowson		5,945	0	0
					Do. to Narayanasawmy ..		300	0	0
					Balance due by McIvor's estate		5,861	4	8
	Total ..	2,54,961	0	0		Total ..	2,54,961	0	0
		5,01,946	9	4			5,01,946	9	4
	Deduct advances for Tea Plantations.	4,515	0	0	Deduct advance for Tea Plantations		4,515	0	0
	Total ..	4,97,431	9	4		Total ..	4,97,431	9	4

FORT ST. GEORGE,
18th May 1878.

(Signed) L. C. PROBYN,
Accountant-General.

B.

Memorandum explanatory of the discrepancy between the figures given in Column 4 of the Statement, dated 12th April 1876, and of those given in Column 6 of the Statement dated 20th November 1877.

Years.	Statement of 12th April 1876.	Statement of 20th November 1877.	Difference.	Explanation of Differences.
1864-1865 ..	84,131	84,111	20	These two sums being Botanical Garden charges were omitted from the later statement.
1866-1867 ..	81,025	80,926	99	
1867-1868 ..	79,882	73,383	6,499	This is an advance for the erection of a laboratory building and Quinologist's residence. It was omitted from Column 6 of the later statement, but should have been added to the figure in Column 8 thereof.
1870-1871 ..	33,394	30,075	3,319	This item comprises a charge of Rs. 1,800-5-0 against Quinologist's Department, Rs. 1,420 against Botanical Gardens, and Rs. 98 against Chinchona Plantations. The first two sums were omitted in Column 6 of the later statement in which Rs. 98 and Rs. 1,800-5-0 should have been added to the figures in Columns 6 and 8.
1871-1872 ..	34,343	30,956	3,387	This difference is owing to the inclusion in the first statement of Rs. 1,675-12-0 of the Botanical Gardens, Rs. 1,600 of the Quinologist's Department, and to the exclusion therefrom of Rs. 100 Chinchona charge debited to Provincial Services in May 1871. The two first items were therefore omitted in Column 6 of the later statement and Rs. 100 added thereto, but in this statement Rs. 211-12-0 omitted to be taken therein, and Rs. 1,600 of the Quinologist's Department should have been added to the figures in Columns 6 and 8 respectively.
1872-1873 ..	32,666	29,715	2,951	This difference arises from the sum of Rs. 2,370 of the Botanical Gardens, Rs. 81-12-3 of the Quinologist's Department, and Rs. 500 Chinchona charges incurred on the Pulney Hills, *vide* G.O., No. 1,589, of 20th November 1872, having been included in Column 6 of the later statement, to the figure in Column 8 of which Rs. 81-12-3 should have been added.
1873-1874 ..	29,537	28,224	1,313	This advance to the Quinologist's Department was omitted from the figures in Column 6 of the later statement, but should have been added, to the figure in Column 8.
1874-1875 ..	35,524	35,470	54	The difference here is batta to Mr. Cornish for the days occupied by him in the investigation of Chinchona cultivation on the Nilgiris, which should be added to the figure in Column 6 of the later statement.

FORT ST. GEORGE,
17th May 1878.

(Signed) L. C. PROBYN,
Accountant-General.

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ENCLOSURE No. 1.

Extract of a letter from the Acting Commissioner, Nilgiris, to the Accountant-General, Fort St. George, dated the 21st February 1878, No. 43.

* * * *

2. On looking over the Chinchona Department letter books I found two letters, copies of which I enclose, and as it appeared from these that the late Mr. McIvor had a Government account with Messrs. Arbuthnot and Co., I wrote to Mrs. McIvor asking her, if such was the case, to send me the pass-book. I enclose a copy of her reply.

3. I have no records in my office to the particulars of the receipts on account of sale of plants and seed, nor when such receipts were credited in the Coimbatore Treasury. The accounts, however, have been periodically passed by the Civil Auditor, so I presume that all sums have been properly credited.

(True Extract.)

(Signed) L. C. PROBYN,
Accountant-General.

ENCLOSURE 1 in No. 1.

From W. G. McIVOR, Esq., to D. R. MAIR, Esq., dated 1st July 1864.

I HAVE the pleasure to acknowledge your letter of the 8th ultimo, giving cover to the first, of a bill of exchange for Rs. 500, which has been placed to your credit and shall be glad to make you up Wardian cases of any number of Chinchona plants you may require. I will forward all the cases to Mr. Alexander McIvor, the P. and O. Co's. Agent at Madras, who will see them shipped with care on the steamer leaving Southampton on the 20th August or 4th September as you may direct. It would, however, be much better if the person intended to take charge of the plants could visit the Nilgiris, as he could then see and learn our system of management of the plants, and no doubt this would greatly facilitate your progress with the plants, and it would afford me great pleasure to give every instruction in my power. We have plants of all the species available, but I will only send in large numbers such as are most valuable and likely to suit your climate. The plants will be prepared for you immediately, and will thus be well established prior to their despatch.

ENCLOSURE 2 in No. 1.

From W. G. McIVOR, Esq., to Messrs. ARBUTHNOT AND Co., Madras.

I HAVE the pleasure to enclose a bill of exchange for Rs. 500, and will thank you to be good enough to realize the amount and place the same to my credit.

No. 46, dated Calcutta, 13th June 1864, bill of exchange for Rs. 500, drawn in favor of Messrs. Mair and Co.

As vouchers are required by the Civil Auditor for the charges paid by you on account of the gardens and Chinchona plantations, I beg to enclose bills for the same and will thank you to be good enough to sign and return them.

ENCLOSURE 3 in No. 1.

From A. McC. WEBSTER, Esq., Acting Commissioner of Nilgiris, to Mrs. A. McIVOR, Ootacamund, dated Ootacamund, 16th January 1878, No. 9.

ON looking over the accounts of the Chinchona Department I find that on the 1st July 1864, your late husband received Rs. 500 from Mr. D.R. Mair, and on the same date remitted the amount to his account with Messrs. Arbuthnot and Co. I enclose copies of letters bearing on the subject for your information.

2. As it appears from this that your late husband had a Government account with Messrs. Arbuthnot and Co., I should be obliged by your forwarding to me their pass-books, showing the sums received and expended by them on account of the Chinchona Department.

ENCLOSURE 4 in No. 1.

From Mrs. W. G. McIVOR, Ootacamund, to A. McC. WEBSTER, Esq., Commissioner of the Nilgiris, Ootacamund, dated 25th January 1878.

I HAVE the honor to acknowledge receipt on 20th instant of your letter, No. 9, dated 16th, with two enclosures, and to inform you that my late husband's account with Messrs. Arbuthnot and Co. was for his private business. There was no pass-book that I am aware of. Accounts

no doubt were rendered half-yearly as is usual, but it is impossible for me to lay my hands on these accounts dating so far back as thirteen years ago.

I am aware a large number of plants were at different times distributed gratis by order of Government. These were entered in the sales' book for the purpose of recording the number sold and distributed. Some years ago there was a large demand for plants, consequently Mr. McIvor kept a number of Wardian cases on hand. These, I believe, he used to pay for out of his own funds. The expense of carriage to Madras and other places were often paid by him, consequently these sums would not be credited to Government. Mr. Mc.Nair got 1,180 plants which at 4 annas each, the price of the plants, amount to Rs. 295; no doubt the difference must have been for the Wardian cases and carriage to Madras. The amount for plants I feel confident must have been paid into the Treasury with other sums, as was always the case.

I regret that the Government should consider it necessary to go into the accounts of the Chinchona Department for the last seventeen years, as the accounts of this department were regularly submitted to, and passed by, the Accountant-General during my husband's lifetime, and I think it is unusual that I should be called upon for an explanation in these matters.

No. 358. From L. C. PROBYN, Esq., Accountant-General, Madras, to the Chief Secretary to Government, dated Fort St. George, 5th September 1878, No. 84-N.

WITH reference to your Memorandum, No. 122, dated the 5th of June last, and the accompaniment to this office No. 3,926, dated the 17th idem, which has been received back demi-officially with the value of the bark communicated, I have the honor to forward herewith a statement of the Chinchona Plantations made up to 1875-76, with the figures for 1876-77 also added.

No. 359. From L. C. PROBYN, Esq., Accountant-General, Madras, to J. H. GARSTIN, Esq., Acting Secretary to Government, Revenue Department, dated Fort St. George, 8th January 1879, No. 24.

WITH reference to my letter, No. 979, dated the 20th November 1877, I have the honor to request that I may be favored at an early date with the orders of Government on the proposal contained in paragraph 8 in respect to the audit of accounts of the Chinchona Plantation, as the Commissioner of Nilgiris has applied to me for instructions regarding the submission of the future accounts of that department.

No. 360. ORDER THEREON, 24th June 1879, No. 1,339.

Miscellaneous.

THESE papers relate to the accounts of the Chinchona Plantations and of the late Quinologist's Department.

2. In the earliest the Accountant-General remarked that there were three points to be considered :—

(1) What sum is *prima facie* due from the late Mr. McIvor.

(2) What are the financial results of the Chinchona operations.

(3) How are the accounts to be kept in future.

3. The (2) has now been settled in connection with the inquiry made by the recent Chinchona Committee which had to determine the cost of Nilgiri bark. In doing this the expenditure and receipts of the plantations were separated from those of the Quinologist's Department. The statement as regards the former was sent to the Committee, appeared in appendix E* of their report, and has now† been accepted "as a statement of the Government expenditure and recorded receipts."

*Page 51.

†G.O., 24th February 1879, No. 463, paragraph 3.

4. To ascertain the sums due by the estate of the late Mr. McIvor advances and adjustments on account of the Chinchona Plantation have, the Accountant-General states, been traced from the outset "from the actual accounts with very great labor," and a sum of Rs. 5,861-4-8 is shown as unadjusted at the time of Mr. McIvor's death.

This amount includes the balance ‡then in the Bank at Ootacamund in Mr. McIvor's name as shown by the Bank pass-books, which amount has apparently not been received from the estate.

‡*Vide* Auditor's report in G.O., 17th April 1877, No. 1,454.

5. The Government understand that Mrs. McIvor is the administratrix of her late husband's estate, and the Commissioner of the Nilgiris will accordingly inform her that a careful scrutiny of the accounts rendered by Mr. McIvor as Superintendent of the Government Chinchona Plantations shows an unadjusted balance as above detailed to be accounted for by him out of advances received from the Public treasury. Against this amount will be set the sum of Rs. 2,240, being the value of the fixtures in Garden Villa as settled in G.O., 4th May 1878, No. 757 (Public Department), and the Commissioner will call on Mrs. McIvor to state whether she is prepared to adjust the balance of Rs. 3,621.

6. If Mrs. McIvor is not, as Government assume, executrix under the will of her late husband the demand must be made against the proper person at law.

7. As regards the (3) point noted by the Accountant-General, the Government observe that in April 1877 the Commissioner was directed to arrange for the immediate introduction of the new system of accounts and if, as is presumed, those forms are in use, the annual audit of the accounts may be given up as has already been sanctioned in the case of the Botanical Gardens and Parks.

G.O., 17th April 1877, No. 1,454, para. 8.

G.O., 7th June 1878, No. 868.

(True Extract)

(Signed) J. H. GARSTIN,
Acting Secretary to Government.

To the Accountant-General.
„ the Commissioner of Nilgiris.
„ the Board of Revenue.
„ the Financial Department.
„ the Superintendent of Government Central Museum.

Exd. W. H. French.

Govt. of Madras.

REVENUE.

To

THE ACCOUNTANT-GENERAL,

&c., &c., &c.

Dated June 24th.

Printed July 8th.

Read. *Post*

G.O., 24th *June* 1879, *No.* 1,309.

JUNE.

Nos. 356—360.

Chinchona Plantations.—Passing orders on papers relating to the accounts of the — and of the late Quinologist's Department.