1505

Proceedings of the Madras Government, Revenue Department,
31st August 1871.

Read the following papers:—

No. 370. From the Commissioner of the Nilgiris, to the Secretary to Government, Revenue Department, Fort Saint George, dated Ootacamund, 17th July 1871, No. 59.

With reference to Government Order, Revenue Department, 5th December 1870, No. 1,942, sanctioning Rs. 1,000 for certain improvements to the Government Botanical Gardens at Ootacamund, I have the honour to forward a letter from the Superintendent of the gardens asking for a further grant of Rs. 500 to complete the improvements now in progress.

The Superintendent has furnished a statement of expenditure up to date, amounting to Rs. 1,445.

2. In connection with this I beg leave to refer to my letter dated 19th ultimo, No. 49, accompanying the Annual Report on the gardens for 1870-71; to paragraph 7 of Government Order, Revenue Department, 8th June 1871, No. 1,011; to Proceedings of Government, Revenue Department, 27th February 1871, No. 279; and to enclosed extract of Proceedings of a Meeting of the Nilgiri Agri-Horticultural Society held on the 19th ultimo.

3. With reference to paragraph 7 of Government Order, Revenue Department, 8th June 1871, No. 1,011, I consider it advisable that Mr. McIvor should be relieved of the charge of the Burliar and Kulhutty gardens for the reasons stated in his letter herewith forwarded.

The arrangement, however, will throw extra work upon Mr. Jamieson, and I would therefore request a reconsideration, by Government, of paragraphs 5, 6, and 7 of my letter of the 25th January 1871, No. 7, in Proceedings of Government, Revenue Department, 27th February 1871, No. 279.

As stated in paragraph 4 of my letter of the 19th ultimo, No. 49, I feel satisfied that Mr. Jamieson cannot discharge his duties satisfactorily without a European or Eurasian Overseer, nor can he on his present salary afford to keep a horse to enable him to visit Burliar and Kulhutty.

The slight addition of 35 Rs. to the Government monthly grant-in-aid of the gardens will enable Mr. Jamieson to keep an Overseer, and the 30 Rs. horse allowance which I have recommended for him can come out of the garden-receipts.

4. In paragraph 7 of my letter No. 49 of the 19th ultimo, I pointed out the dangerous state of the present seed-house, and I now forward plan and estimate of a combined seed-house and herbarium suitable to our requirements. The estimate amounts to Rs. 2,200. I also forward plan and estimate of an exhibition-pandal to be erected in the gardens. The estimate amounts to Rs. 1,200, of which the Nilgiri Agri-Horticultural Society are prepared to give Rs. 400 out of their scanty

funds. These estimates, *plus* the Rs. 500 applied for by Mr. Jamieson, amount to Rs. 3,500 as follow :—

	Rs.
Seed-house and herbarium	2,200
Exhibition-pandal ... ... 1,200—400 =	800
Garden-improvements by Mr. Jamieson...	500
	3,500

5. I beg respectfully to press upon Government the desirability of sanctioning this expenditure.

The Government gardens here hardly deserve the name of Botanical Gardens. For purposes of scientific study they are nearly useless; and as a medium for the acclimatization and diffusion of foreign productions they have effected little, compared with what they might have done had they been more liberally supported by Government.

It should be remembered that these are the only Government gardens on the hill-stations of this Presidency, and the only gardens which can be really useful to the planting interest.

It is necessary therefore that they should not only keep pace with the advance of horticultural knowledge and practice, but that they should lead the way in the introduction of novelties and of improved methods of culture.

6. The proposed buildings would largely add to the efficiency of the gardens.

The herbarium would, as I have already pointed out, supply a long-felt want here, while the pandal would be useful during most of the year for the protection of delicate plants in process of acclimatization, and would relieve the Society of the constantly recurring expense of temporary buildings, besides adding to the attraction of their periodical Shows.

Enclosure No. 1.

From W. G. McIVOR, Esq., Superintendent, Government Cinchona Plantations, to the Commissioner of the Nilgiris, dated Ootacamund, 19th June 1871, No. 45.

With reference to paragraph 5 of your letter No. 32 of the 17th instant, I have the honour to inform you that I consider it very desirable that the charge of the branch gardens at Burliar, Kulhutty, and Coonoor, be made over to the Superintendent of the Ootacamund gardens. These branch gardens are worked in connection with the Botanical Gardens at Ootacamund, and supported by the funds of the Ootacamund garden; therefore the branch gardens being worked under separate superintendence may cause inconvenience. Under these circumstances I hope you will be so good as to recommend that I be relieved of the charge of all the branch gardens, viz., Burliar, Kulhutty, and Coonoor Garden.

Enclosure No 2.

From A. JAMIESON, Esq., Superintendent, Government Gardens, to the Commissioner of the Nilgiris, dated Ootacamund, 20th June 1871, No. 5.

In reply to your letter No. 156 of the 14th instant, I have the honour to forward a detailed statement of the expenses incurred up to date on the garden-improvements sanctioned in G. O. No 1,942 of 5th December 1870.

2. All the heavy work in connection with the improvements is nearly finished, but there is still a great deal to be done before the work is entirely completed; gravelling of carriage-drive and

walks, planting of grass on lawns, formation and planting of flower-beds, shrubberries, etc.; and as it is desirable that these works should be completed as early as possible, I respectfully solicit the favour of your being good enough to recommend Government to sanction a further outlay of Rs. 500, which sum will enable me to complete the improvements.

3. At the present date there is Rs. 631-5-9 in the Bank to the credit of the gardens, the greater portion of which will be required to meet the Garden Establishment expenses for this month, as I have now a large gang of coolies employed on the works.

Enclosure No. 1.

Statement showing the expenses incurred on improvements now in progress in Government Gardens.

Description of Charges.	Amount. Rs.
Alterations made on the bridge leading to the gardens	215
Making carriage-drive	500
Breaking metal and carting it for roads	80
Blasting and removing rocks in road	100
Making 20,000 bricks	100
Constructing two flights of steps	50
Forking and levelling of lawns	100
Making terraces and filling in pond	200
Draining	100
Total...	1,445

Ootacamund,
20th June 1871.

(Signed) A. JAMIESON,
Superintendent, Government Gardens.

Enclosure No. 2.

Nilgiri Agri-Horticultural Society.

Extract from Proceedings dated 19th June 1871.

"Resolved that 400 Rs. be set apart for the erection of a permanent pandal or other building to be used for exhibitions in the gardens, and that Government be asked for an additional grant-in-aid for this object."

(Signed) W. PEARL, Surgeon,
Honorary Secretary.

No. 371. From the Commissioner of the Nilgiris, to the Secretary to Government, Revenue Department, Fort Saint George, dated Ootacamund, 25th July 1871, No. 60.

With reference to Government Order, 30th June 1871, No. 1,135, I have the honour to forward a further report from Mr. McIvor and a statement of receipts and disbursements of the Ootacamund Botanical Gardens for 1870-71.

Enclosure No. 3.

From W. G. McIVOR, Esq., Superintendent, Government Cinchona Plantations, to the Commissioner of the Nilgiris, dated Ootacamund, 21st July 1871, No. 54.

With reference to the Proceedings of Government of the 30th ultimo, No. 1,135, and your endorsement of the 3rd instant, I have the honour to enclose a statement of the receipts and disbursements of the Botanical Gardens for the official year 1870-71.

2. The principal items of expenditure are as follow:—

	Rs.	A.	P.
Masonry work in raising and increasing the width of the bridge on road near the entrance of the gardens	105	0	0
Earth-work, raising the embankment and road to do.	325	0	0
Improvements in the lower garden, namely, forming carriage-drives, excavating and levelling terraces, making bricks, etc.	640	0	0
Improvements in upper garden, new ferneries and excavations for do.	220	0	0
Excavation, levelling, and planting new Croquet ground... ...	75	0	0
New terrace for flowering plants	39	0	0
Up-keep and maintenance of the garden at Ootacamund ...	2,019	5	4
Do. do. at Coonoor	150	0	0
Do. do. at Kulhutty	198	0	0
Total...	3,771	5	4

3. With reference to your inquiry as to how the garden-receipts may be increased, I am unable to offer any definite opinion. The reduction of the prices of seeds and plants may slightly increase the sales, but it is doubtful if it would greatly affect the receipts of the garden.

4. The general depression, which prevails in this district, has not been without its effect upon the income of the garden. Even if plants and seeds were given for nothing, it is questionable if this would induce house-proprietors to plant or extend their gardens.

5. Numerous gardens, which were formed between 1848 and 1864, have been entirely abandoned. The gardens attached to dwelling houses here have, as a rule, of late years been neglected, in consequence of the proprietors being unable to maintain them; and until a more prosperous period arrives, it is, I think, almost certain that the garden will have to depend principally on the sales of plants and seeds to other stations, such as Madras, Bangalore, etc.

6. I was of opinion that maintaining in the gardens a stock of all the rare, useful, and ornamental plants introduced to Europe would greatly increase the sales. At the end of 1867 every ornamental plant and every plant of economic value likely to thrive in this climate was successfully introduced, and have been extensively propagated in the gardens. Still this valuable importation of plants has not added to the receipts to the extent anticipated. It is, however, desirable that every second or third year the gardens should import from Europe at least the finest introductions.

Receipts and disbursements of the Government Botanical Gardens, Ootacamund, for 1870-71.

Date.	Total Sales.	Receipts. Sales of Plants and Seeds.	Government.	Municipality.	Total.	Expenditure. Labour.	Incidentals.	Purchase of Seeds.	Total.
	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.
April 1870	89 9 4	57 13 4	135 0 0	.....	192 13 4	132 8 7	11 4 0	.....	143 12 7
May ,, ...	174 3 0	194 0 0	135 0 0	.....	329 0 0	129 0 0	90 6 0	.....	219 6 0
June ,, ...	311 14 6	254 1 0	135 0 0	.....	389 1 0	135 0 10	57 15 0	.....	192 15 10
July ,, ...	313 6 0	308 0 0	135 0 0	.....	443 0 0	185 9 9	96 6 0	.....	281 15 9
August ,, ...	179 9 0	205 13 6	135 0 0	.....	340 13 6	192 8 8	13 4 0	2 0 0	207 12 8
September ,, ...	173 10 0	182 7 0	135 0 0	100 0 0	417 7 0	369 4 6	130 5 0	.....	499 9 6
October ,, ...	169 4 0	164 2 0	135 0 0	.....	299 2 0	376 10 4	14 8 0	.....	391 2 4
November ,, ...	116 0 0	88 14 0	135 0 0	.....	223 14 0	388 6 7	32 8 0	.....	420 14 7
December ,, ...	135 4 0	175 0 8	135 0 0	.....	310 0 8	414 11 5	13 6 8	.....	428 2 1
January 1871	111 4 0	102 0 0	135 0 0	.....	237 0 0	493 14 4	43 12 3	216 15 3	754 9 10
February ,, ...	42 10 0	62 12 0	1,135 0 0	114 0 0	1,311 12 0	343 6 4	10 10 6	.....	354 0 10
March ,, ...	41 5 0	13 6 0	135 0 0	.....	148 6 0	328 10 7	7 4 0	.....	335 14 7
Grand Total...	1,862 14 10	1,808 5 6	2,620 0 0	214 0 0	4,642 5 6	3,489 11 11	521 9 5	218 15 3	4,230 4 7

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

Ootacamund,
19th July 1871.

No. 372. ORDER THEREON, 31st August 1871, No. 1,505.

Miscellaneous.

THE Commissioner of the Nilgiris proposes the following additional grants for the Ootacamund Botanical Gardens :—

	RS.
For a new seed-house and herbarium	2,200
In aid of cost of erecting an exhibition-pandal (Rs. 400 to be contributed by the Horticultural Society Committee), estimated cost Rs. 1,200	800
For completing garden-improvements now in progress.	500
	3,500

He also proposes the transfer of the Burliar and Kulhuty gardens to Mr. Jamieson's charge (to which Mr. McIvor would add that at Coonoor), and that he be allowed a European or Eurasian Overseer Assistant at Rs. 35 monthly, to be an additional grant from Government, also that Mr. Jamieson receive a horse allowance of Rs. 30 monthly out of the garden-receipts.

2. The Government sanction the grants of Rs. 2,200 and Rs. 500, respectively, for rebuilding the seed-house and adding an herbarium, and for completing the garden-improvements now in progress. A further grant of Rs. 500 for mowing machines and further improvements since ordered by Government in the upper part of the gardens is also now sanctioned.

3. The Government also sanction the solicited grant-in-aid of Rs. 800 towards the exhibition-pandal.

4. The transfer of the Burliar, Kulhutty, and Coonoor gardens to Mr. Jamieson's charge is sanctioned, but the Government desire to receive a report from the Commissioner as to the advisability of retaining the two latter gardens and as to the cost which their maintenance involves.

5. The proposed employment of an Overseer Assistant at Rs. 35 monthly and the grant to Mr. Jamieson of Rs. 30 monthly as horse allowance from the garden-receipts are sanctioned.

6. The additional charges herein sanctioned are a single charge of Rs. 4,000 and an addition of Rs. 420 (at Rs. 35 monthly) to the annual grant for the Botanical Gardens.

7. Orders for the appropriation of the necessary funds will be issued in the Financial Department.

(True Extract.)

(Signed) W. HUDLESTON,
Secretary to Government.

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

Exd. F. R. Bantleman.

Govt. of {1871} Madras.

REVENUE.

To

THE COMMISSIONER OF THE NILGIRIS,

&c., &c., &c.

Dated August 31st.

Recd. Encl.

G. O., 31st August 1871, No. 1,505.

AUGUST.
Nos. 370—372.

Ootacamund Botanical Gardens.—Sanctioning certain additional charges on account of —, also transfer of the Burliar, Kulhutty, and Coonoor Gardens to Mr. Jamieson's charge, and Commissioner to report as to the advisability of retaining the two [illegible] gardens.

Gardens was completed in March with the exception of 30 yds at the upper end - The Cross Carriage drive to the east of the Conservatory was also completed and the greater portion of the new roads metalled - The terraces on the Lawns were also formed and a sufficient number of beds made for the construction of the fountain and other necessary work. The fountain however was not commenced nor any alteration made in the main road leading from the entrance gate to the Conservatory -

3. The upper portion of the garden has been considerably improved, clumps of Ferns have been planted around the roots of the old Rhododendron trees - An extensive Fernery constructed and planted on a terraced excavation under the Toda mund - To the South of this a further extension of terraces have been constructed and planted with Calceolarias Geraniums and Roses - Adjoining these terraces a new Croquet ground has been formed -

4. The new branch garden at Burliar has been cleared of weeds and enclosed and terraces are in course of construction - Some nurseries of the various sorts of Spice and tropical fruit trees - In the other branch gardens no improvements nor extensions have been made -

5. - Of economic plants most luxuriate on the Neilgiris may be mentioned the New Zealand flax, Jalap, Seammony, Ipecacuanha, Rice paper of China and Chinese - The Ipecacuanha has been very - The Ipecacuanha has been planted at Burliar where it promises to do well -

6. - We are indebted to the following Gentlemen for contributions of Seeds and plants to the Gardens - To Major Beddome for a collection of Fruit stones and valuable Ferns - Mr. Gustoneau and valuable Ferns - Mr. Deschamps a collection of French Flower seeds - The Royal Gardens Kew a collection of Asiatic seeds - Mr Breeks a collection of various kinds of Mulberry Col Beddome Bangalore collection of flower seeds -

Capt

Capt.n Henderson a collection of Ferns Col.n Drury flower seeds, Col Dangan Hamilton a collection of Illustration tree and Shrub seeds - Mr.s Dawson Rangoon a very valuable collection of Burmese orchids and Col.n Dennison a collection of Ceylon and Indian Ferns.-

7.- Of the numerous trees Shrubs and perennial ornamental plants introduced in the Autumn of 1869 the following grow luxuriantly in this climate - Aralia Seeboldie, the common and variegated varieties, the various species of Osmanthus or Chinese Holly, the Umbrella Pine and Retinospora - the varieties of Sedum Libonia Weigelia and the beautiful variegated varieties of Yucca Aloe Yucca and Phormium tenax - Of recently introduced Creepers which have become naturalized on these Hills, the Cantua dependens Habrothamnus elegans and Lonicera sinica reticulata are the most important -

The following table shows the distribution of plants and seeds from the Govt. Botanical Gardens for 1870-71.-

Month	Fruit trees	Timber trees	Flowering Shrubs	Packets of Seeds	Value -		
April 1870	4	30.	63	150	89	9	4
May —	6	544	303	133	174	3	"
June —	57.	1776.	990	291.	311	14	6.
July —	24	4510	1063	323	318	6	"
Augt. —	"	"	411.	313	179	9	"
Sept —	78.	44.	328.	184.	173	10	"
Oct —	50.	100	334	216	169	4	"
Novr. —	2	62	217.	216	116	"	"
Dec —	64.	60.	168.	242	135	4	"
Jany 1871	"	50.	1143	30.	111.	4	"
Feb —	"	"	84	56.	42	10	"
Mar —	"	2	106	90.	41.	6	"
Total	275	7178	5210	2247	1862	14	10

Govt. Gardens
Ootr. 9 June 71

I.S.J. M.G. Dte Govr
Dept. Govt. Plan Depr

Report on the Government
Botanical Gardens at
Ootacamund for the
Official year 1870-71

Rec.d 31 Aug.t 1871. In
B. No. 371

Commissioner's Office
Ootacamund 25 July 71

9

No 60.

From

J. W. Brooks Esqr.
Commissioner
Nilgherries

To

The Secretary to Government
Revenue Department
Madras.

Sir,

With reference to Government
Order 30th June 1871 No 1135 I have
the honor to forward a further
report from Mr. McIver and a
Statement of receipts and disbursements
of the Ootacamund Botanical
Gardens for 1870-71.

I have the honor to be
Sir
Your most obt. Servt.

Wroddy
Commissioner

[illegible]

Rev 1871 Dept.

No. 60

Date 25th July 71 No 2433

R 31 8 71

Commissioner's Office,

Ootacamund.

To, The 15th August 1871

The Secretary to Government

Revenue Department

Madras

Enclosures. 1 - ✓ 2 Odd

Report

SUBJECT.

Botanical Gardens

Submitting a further report from Mr. McIvor and a Statement of Receipts and disbursements of the Ootacamund Botanical Gardens for 1870-71

No 371

Cy Aug 71 R. 25.

It is very desirable that the
land known as the entrance
of the Gardens should be
rebuilt without loss of time.
I would at once authorize
the Bursar to call for a plan
an estimate of the cost of
re building the said house
and of the boundaries.
I would also at once sanction
the employment of an overseer
at a salary of £ 32 per annum
to work under the superintendence
of Lord Ross in overlooking
the gardeners & workmen.

8th July 71

J. D.

Mr. Wm. Mc Cullough
Lawrenceburg

2. Botanical garden. Let there
be [illegible] immediately necessary.
The sales of Lands are made - and
the sales of [illegible] Botanical Lectures in
the Cities of [illegible]
Lincoln. I should suppose that
in I should [illegible] the
1. Remove the present ugly
[illegible]
2. Build [illegible] of it a
[illegible] Museum. which will
contain the specimens of the
Exhibition &c.
3. Light the Glass of the present
Glass Room and construct a [illegible]
Pavement to allow a Room in the

I must adopt the Bankers
recommendations in their entirety,
leaving the present shops
Banks as they are. The
Civic proposals would, I fear,
entail a heavy cost and
would cause a complete
upset of present arrangements
for want of a proper Bank House
has long been felt. At
present people cannot buy
stocks without paying
for the pleasure a sum larger
for Civic in the pounds. If
Town was a Bank House at
the Park with a Clerk in attendance
at fixed hours, the Tailor

from Calcutta the Lalbaug Museum
& Botanical Gardens and call for a plan & estimate of the
proposed Garden and statement of the
site on which it is to be erected & that the
Govt may determine upon it at the Hot
Season.

I would call for a report upon the
advisability of retaining the Coorg
Authority gardens & a report
of the charge which they now involve.
I would give Mr Jamesia charge
of the Bombay Gardens. I would
grant him a European or East Indian
Assistant & a horse allowance.
The East Indian Assistant would
initially have charge of the new Garden
in connection with other duties.

of such a plants would gradually
increase.

2nd Aug 1871 A. V.

I shall be expecting to hear
from Mr Jamesia

No 1505

overseer
or Nursery assistant
at Rs. 35 monthly. The
an additional grant from
Govt. also and that Mr Jameson
receive a Horse allowance
of Rs. 30 monthly
out of the Garden
receipts.

The Govt. sanction the
grants of Rs. 2292 & Rs. 500
respectively for rebuilding
the Seed house & adding an
herbarium & for com-
pleting the Garden improvement
now in progress ~~[illegible]~~ & after the grant
~~Govt. also sanction~~ [illegible]
~~[illegible]~~
~~make~~ the solicited grant
Rs 800 in aid ~~[illegible]~~ the Public
Garden. ~~[illegible]~~
~~a plan & estimate~~
~~[illegible]~~ then for
~~his approval~~ [illegible]
~~statement~~ [illegible] the
~~[illegible]~~ it is proposed

of Rs 500 for
mowing machines & further
improvements
being valued by
Govt. in the upper
part of the gardens
is also now sanctioned

& [illegible] ordered that
the Govt. may determine
the question [illegible]
the hills.

The transfer of the
Barlow, Kutherty &
Connor gardens to Mr.
Jameson's charge
is sanctioned — but
the Govt. desire to
receive a report from
the Commr. as to the
advisability of retaining
the two latter gardens
and as to the cost
of their maintenance
in future.

The proposed employt.
of an Overseer assistant
at Rs. 36 monthly
& the grant to Mr. Jameson
of Rs. 30 monthly as
Horse allowance from
the garden receipts
are sanctioned —

The addl. charges