

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

G.O. No.	9244	Press
B.P. No.		Mis.
Dated		197 .

Not to be folded or roughly handled

1849

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

29th May 1877, No. 1,849.

Famine Relief.

Read the following paper:—

No. 563? From R. W. BARLOW, Esq., Collector of the Chingleput District, to J. H. GARSTIN, Esq., Additional Secretary to Government, Revenue Department, dated Saidapet, 19th May 1877, No. 92.

I HAVE the honor to report, for the information of Government, that the rain-gauge at Homes's Gardens, which is examined at 11 A.M. each day, shows a total fall of 24.39 inches from the 15th to this morning. The heaviest fall was between the 17th and 18th, when 14.10 inches were registered.

	Inches.
From 15th to 16th	.86
" 16th to 17th	3.00
" 17th to 18th	14.10
" 18th to 19th	6.43
Total	24.39

I have received no detailed reports from the taluqs as yet; but I understand that heavy rain has fallen throughout the district, and that large tanks have received a fair supply, while small ones are discharging over their calingulalis. The Cortelliar on which the Red Hills Tank is chiefly dependent for its supply from the Velliya anicut is in fresh and impassable for bandies.

No. 569. ORDER THEREON, 29th May 1877, No. 1,849.

Miscellaneous.

Communicated to the Revenue Board and Government Astronomer.

(True Extract.)

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

To the Board of Revenue.
" the Government Astronomer.
" the Collector of Chingleput.
" the Financial Department.

Exd. F. R. Bantleman.

Chingleput District, Collector's Office.
Sundapat, 17th May 1877.

Гном

R. W. Barlow Leguine,
COLLECTOR OF THE

Deput District

L. B. Garstin Esquire,

Secretary to Government
Mad

553

I have the honor to report for
the information of Government

that the rain gauge at Horner's
Gardens, which is examined at

11 A.M. each day, shows a
total fall of 24.39 inches from

the 10th to this morning. The
heaviest fall was between the

14 $\frac{1}{2}$ & 18 $\frac{1}{2}$, when 14.10 inches were registered.

From 15° to 16° = 3.00
 " 16° to 17° = 3.00
 " 17° to 18° = 14.10
 " 18° to 19° = 6.22
 Total. 24.29

100

65-11616-100

THE UNIVERSITY OF CHICAGO

100-117-10-100

10

SECRET

1. *Protein* of *Chlamydomonas reinhardtii* is a model system for studying the structure and function of the photosynthetic apparatus. A number of proteins have been identified and characterized in this organism. The *psaA* gene encodes the α -subunit of photosystem I, a protein that is essential for photosynthesis. The *psaA* gene has been cloned and sequenced, and the protein structure has been determined. The *psaA* protein is a transmembrane protein that is embedded in the thylakoid membrane. It is a dimeric protein, with each subunit having a molecular weight of approximately 100 kDa. The *psaA* protein is involved in the transfer of electrons from photosystem II to photosystem I, and it is also involved in the regulation of photosynthesis.

2. I have received no detail reports from the Taluqs as yet, but I understand that heavy rain has fallen in the District, and that large tanks have received a fair supply, while small ones are discharging over their Calingulas. The Corbelliar on which the Bellur Tank is chiefly dependent for its supply from the Vellur Amicut is in fresh and impassable for bandies.

I have the honor to be,
Sir,
Your most obedt servant.

W. Moorcroft
Collector

Rev. Secy. 1877. 1877
From F. No. 3739

COLLECTOR OF THE

CHINGPET DISTRICT

To

The Secy. SECRETARY

TO GOVERNMENT

Madras

Dated 19th May 1877

Received

ENCLOSURE

No. 92.

No. 1849

The Secy. Secretary
the Secy. of the
is exhibited in the
from range at Haver
between
the 15th & 19th

29 May 1877

And Capt. the Officer of the Ordnance Dept. 1877
1 to the Secy. of the Ordnance Dept. 1877
10 to the Secy. of the Ordnance Dept. 1877
5 to the Secy. of the Ordnance Dept. 1877