

(1) Number of pages 16
(2) Date of repair 27-10-1983
(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No.	939	Press.
R.P. No.		Mis.
Dated	20-6-1878	197

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Archives I-5,806-24-2-78.

239
GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

20th June 1878, No. 939.

Read the following paper:—

No. 250. Proceedings of the Board of Revenue, dated 13th June 1878, No. 1,600.

Read the following letter from W. G. UNDERWOOD, Esq., Acting Head Assistant Collector, to W. LOGAN, Esq., Collector of Malabar, dated Palghat, 27th May 1878, No. 348:—

I HAVE the honor to submit the following facts condensed from the Tahsildar's reports on locusts, together with such observations as I have made.

2. The Ponani Taluq has scarcely been visited by them, and the Betatpudian-gadi and Chowghaut Divisions not at all. So this report will refer to Palghat alone.

3. The Tahsildar's first report states that they first appeared at the end of March at the 8th milestone on the road to Wadacanjery and returned on the 29th idem. They first went west and then returned to the east. The next report states that they were at Alathur on 13th March, remained a few days, went to the west and returned again in four days going to the east. There was no crop on the ground, and the only damage was to the plantain trees. On the 13th May, the Tahsildar forwarded some young locusts in answer to a requisition from the Collector of Coimbatore for eggs, the latter not being procurable. On the 15th instant, I got a list of the places visited with dates of arrival, and I enclose a translation. The Tahsildar summarises generally that the locusts went from east to west in February and returned and went again to the east in March. The dates I hardly think bear this out, but the returns are very incomplete. Some crop was injured, but plantains and cocoanut trees suffered most. They have left their young behind. Of this there is no doubt as I have come across them very generally. I am very sorry that I was unable to supply Mr. Webster with the eggs. I am making another effort now. The Tahsildar ends up by saying that rain kills them, and they were found six inches deep about Pudugherri after a heavy thunderstorm. I am greatly in hopes that there will be an early monsoon, and that there will be an end to them; otherwise the outlook is decidedly bad as the young crops are coming up. Some, but no great extent of damage has already been done.

4. I have mapped the taluq and cannot make out the direction of the flights of the locusts. The reports are scandalously inaccurate. The Adigarries to the east not having sent any reports, though I know the country from here to Walliar has swarmed with locusts. I send you the map, but after long cogitation I cannot make head or tail of it. It certainly does not bear out the Tahsildar's idea of east and

westerly journeys. I have an idea that they crossed into the district at a good many places and travelled south and west. Whether they return or not I cannot say. I fancy when they first came, it was still wet up northwards and they turned off to the south. The young ones I saw between Walliar and Conjeevode cannot fly yet and used the road and railway coming towards Palghaut. They have eaten up the bamboo and teak leaves. The numbers in the jungles from Collengode to Setamaddy, Coimbatore District, were not so great a fortnight ago; but all the teak leaves had been eaten. When the locusts passed here they settled on and eat the lantana leaves. I do not know the length of life of locusts, but I fancy the old ones are dead and the young ones will soon fly. The ryots try to drive them off their crops with boughs. When they can fly, this will be no use.

P.S.—I find the locusts have already passed the Palghaut railway station on their way west. They cannot fly yet.

From the same Officer, dated Palghaut, 29th May 1878, No. 355.

In continuation of this office letter, No. 348, dated 27th instant, I have the honor

- | | |
|----------------|--------------|
| 1. Padugheri. | 5. Elapulli. |
| 2. Akathetara. | 6. Polpulli. |
| 3. Kavilpad. | 7. Mundoor. |
| 4. Palatheri. | |

to inform you that the Tahsildar of Palghaut has sent me a report to-day stating that numerous young locusts are to be found in the Amshoms noted, and they have destroyed the crop raised on 9,000 Parahs (seed growing) of land.

2. If there had been rain the loss would not have been so great. These insects have no wings, they leap a span's distance. These are the offspring of those which visited the Amshoms some time ago. These insects are continually moving to the west from Walliar and Madakara along the railway line. People try to kill them by fire, &c., yet their number is not reduced.

3. The Tahsildar says that the ryots will not be able to destroy them all, and the crops will suffer much if they are not destroyed at an early date.

4. He recommends that a reward of 2 Annas should be paid for 1 Parah of locusts killed.

SUBMITTED for the information of the Board of Revenue.

2. The first flights seem to have come in February and March, and laid their eggs which have since been hatched.

3. The direction of migration has undoubtedly been steadily from east to west, as I have information of flights having reached parts of the Walluvanad and Ponani Taluqs. Full details will be submitted shortly.

4. The young ones which I have heard described as being like wingless wasps seem to have used the railway and trunk road in their migration. Trains have been stopped by them on the steep incline between Walliar and Madakara; they get upon the rails and are crushed and render the rails slippery.

5. The heavy showers we are now having will doubtless abate the nuisance, but meantime much damage has been done.

6. The proposal to pay 2 Annas per Parah for them does not commend itself to me, as the people are certain to kill them off as much as they possibly can to protect the young crops. And if we have a heavy monsoon, of which there is a good prospect, I do not anticipate further trouble from them.

CALICUT,
31st May 1878.

(Signed) W. LOGAN,
Collector.

ENCLOSURE No. 1.

Amshoms.	Date of Arrival.	Date of Departure.
1. Palathulli	{ 15th February. 2nd March.	15th February. 2nd March.
2. Valanchathanoor	{ 20th " 15th April.	20th " 15th April.
3. Pallashana	March.	March.
4. Tadukasheri	April.	April.
5. Mundoor	{ 4th " 13th " 19th " 21st " 18th " 30th "	4th " 13th " 19th " 21st " 18th " 30th "
6. Puthoor	{ 1st May. 24th April.	1st May. 24th April.
7. Charay	30th "	30th "
8. Pudusheri	17th "	17th "
9. Kizhakampuram	{ 30th " 1st May.	30th " 1st May.
10. Palatheri	1st "	1st "
11. Elapulli	2nd February.	2nd February.
12. Polpulli	1st March.	1st March.
13. Chettalanjeri	{ 1st " 10th " 18th April.	1st " 10th " 18th April.
14. Kattusheri		
15. Kongad	{ 20th February. 26th " 30th March.	20th February. 26th " 30th March.
16. Koodalur	{ 10th February. 30th March.	10th February. 30th March.
17. Kannanoorpattola	1st April	1st April.
18. Kavagheri	{ 22nd and 23rd March. 10th April.	22nd and 23rd March. 10th April.
19. Pananlattiri	29th and 30th March.	29th and 30th March.
20. Mangalom	18th April.	18th April.
21. Kotuntarapulli		
22. Vadakanjeri	{ 20th and 26th February. 30th March.	20th and 26th February. 30th March.
23. Pallavoor	{ 28th February. 19th April.	28th February. 19th April.
24. Kakayne	March.	March.
25. Thenkurishi		
26. Mathoor	21st April.	21st April.
27. Yadathara	17th "	17th "
28. Padingarathara	{ 30th March. 1st April.	30th March. 1st April.
29. Vadakanthara	{ 30th March. 1st April.	30th March. 1st April.
30. Tancoor	1st April	1st April.
31. Vattakat		

PALGHAUT,
27th May 1878.

(Signed) W. G. UNDERWOOD,
Acting Head Assistant Collector.

(True Copy.) (Signed) V. BRODIE,
Assistant for Collector.

ENCLOSURE No. 2.—Map.

SUBMITTED for the information of Government.

2. Before offering rewards for the destruction of locusts in Malabar, the Board would wait and see the effect of the monsoon.

(A true Copy and Extract.) (Signed) C. A. GALTON,
Acting Secretary.

4

REVENUE DEPARTMENT, 20TH JUNE 1878, No. 939.

No. 251.

ORDER THEREON, 20th June 1878, No. 939.

Miscellaneous.

RECORDED.

(True Extract.)

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

To the Board of Revenue.

Exd. F. R. Bantleman.

W. Secretary.

23/4

No. Animals Date of Arrival Date of Departure.

1. Palathulli	February	15	February	15
	March	2	March	2
2. Vallanchathoor	Do	20	Do	20
	April	15	April	15
3. Pallathana	March	—	March	—
4. Padukashai	April	—	April	—
5. Mundoot	Do	4	Do	4
	Do	13	Do	13
	Do	19	Do	19
	Do	21	Do	21
6. Pattuoor	Do	18	Do	18
	Do	30	Do	30
	May	7	May	7
7. Chavay	April	24	April	24
8. Pudukshai	Do	30	Do	30
9. Khipakampuram	Do	17	Do	17
10. Pallathur	Do	30	Do	30
	May	1	May	1
11. Elappulli	Do	1	Do	1
12. Palpulli	February	2	February	2
13. Chittalanjuri	March	1	March	1
14. Kuttuvetti	Do	1	Do	1
	April	10	April	10
	Do	18	Do	18
15. Nonsad	Do	18	Do	18
16. Kodalore	February	20	February	20
	Do	26	Do	26
	March	30	March	30
	February	10	February	10
17. Kammurpattala	March	30	March	30
	April	1	April	1
18. Kavashai	April	22, 23	April	22, 23
19. Panau Pattari	March	10	March	10
	April	29, 30	April	29, 30
20. Manjilom	March	18	March	18
21. Kotturavapatti	April	18	April	18
22. Vadakaujuri	Do	20, 26	Do	20, 26
23. Palluror	February	30	February	30
	March	28	March	28
24. Kakayur	February	19	February	19
	April	19	April	19
25. Thun Kuzhdi	March	19	March	19
26. M. A. G. G.	April	21	April	21
27. Yalathara	Do	17	Do	17
28. Padinjaraattura	March	30	March	30
29. Vadakuthara	April	1	April	1
30. Janoor	March	30	March	30
	April	1	April	1
31. Vattakuh	Do	1	Do	1

Palghat 27th May 1878
 J. H. Underwood
 as Secy to the
 Secy to the
 Secy to the
 Secy to the

1 June 1878
 J. H. Underwood
 as Secy to the
 Secy to the
 Secy to the
 Secy to the

Govt. of 1878
 REVENUE.

THE BOARD OF REVENUE.

Dated June 20th.

Recd.

G.O. 20th June 1878, No. 539.

JUNE.

Nos. 250-251.

Locate in the Palghat Policy of War
 Notice - Regarding Proceedings of the Board
 of Revenue submitting report on the progress
 of -

No. 2537
 18/8
 2
 40-50 lbs per 100
 In 1880
 In 1881
 In 1882
 In 1883
 In 1884
 In 1885
 In 1886
 In 1887
 In 1888
 In 1889
 In 1890
 In 1891
 In 1892
 In 1893
 In 1894
 In 1895
 In 1896
 In 1897
 In 1898
 In 1899
 In 1900

No. 2537
 18/8
 2

No. 348. From the Hon. the Secy. to the Govt.
 Dated 13th June 1878.

Read the following:-

No. 348. From the Hon. the Secy. to the Govt.

The Collector of Malabar

Sir, I have the honor to submit the following facts condensed from the Talukdars reports on locusts, together with such observations as I have made.

2. The Talukdars have scarcely been visited by them and the Talukdars and Chenchu divisions not at all. So this report will refer to Palghat alone.

3. The Talukdars first report states that they first appeared at the end of March at the 24th mile on the road to Koda Canjeri and returned on the 29th idem. They first went west and then returned to the east. The great report states that they were at Alathur on 13th March, remained a few days, went to the west and returned again in four days going to the east. There was no crop on the ground and the only damage was to the plantain trees. On the 13th idem the Talukdars forwarded some young locusts in answer to a requisition from the Collector of Coimbatore for eggs, the latter not being procurable. On the 15th idem I sent a list of the places visited with dates of arrival and I enclosed a translation. The Talukdars summarize generally that the locusts went from east to west in Feb. and returned and went again to the east in March. The date I have given is this only, but the returns are very incomplete. Some crop was injured, but plantains and Coconuts trees suffered most. They have left their young behind.

behind. Of this there is no doubt as I have come across them very small. I am very sorry that I was unable to supply Mr. Webster with the eggs. I am making another effort now. The Sahildar ends up by saying that rain kills them and they were found six inches deep about. Pudu Pheng after a heavy thunder storm. I am pretty in hopes that there will be an early snowfall and that that will be an end to them. Otherwise the outlook is decidedly bad as the young crops are coming up. Some, but no great extent of damage has already been done.

4. I have mapped the Salug and cannot make out the direction of the flights of the locusts. The reports are scandalous, inaccurate. The Adishwaris to the East not having sent any reports though I know the country from here to Walliar has swarmed with locusts. I send you the map, but after long cogitation, I cannot make head or tail of it. It certainly does not bear out the Sahildar's idea of East and West journey. I have an idea that they crossed into the District at a few many places and travelled South and West. Whether they return or not I cannot say. I fancy when they first came, it was still wet up, Northwards and they turned off to the South. The young ones I saw between Walliar and Conjeode Cant. fly up and used the road and railway coming towards Palghat. They have eaten up the branches and teak leaves. The numbers in the jungles from Collesode to Setaunaddy, Coimbatore District were not so great a fortnight ago. But all the teak leaves had been eaten. When the locusts passed here they settled on and eat the Lantana leaves. I don't know the length of the life of locusts, but I fancy the old ones are dead and the young ones will soon fly. The vults try to pick them off their corpses with beaks when they can fly, this will be no use. Have you

Palghat, 27th May '78. J. W. G. Underwood
 P.S. I find the locusts have already passed the Palghat Railway Station on their way west. They can't fly yet.
 (initials) W. S. G.

1. Puduksheri
2. Kothukota
3. Kavalpad
4. Pulla thiri
5. Kappalli
6. Polpalli
7. Mundur.

No 355 Palghat 29th May '78.
 To Mr. The Hon. Asst. Collector
 Do. The Collector of Malabar

Sir, In continuation of this office letter No 348, dated 27th Instants, I have the honor to inform you that the Sahildar of Palghat has sent me a report to-day stating that numerous young locusts are to be found in the Amshams forest, and they have destroyed the crops raised on 9000 paras. (See following) of land. If we had been rain the last week but have been so great. The insects have no wings. They leap a space distance. These are the offspring of those which visited the Amshams sometime ago. These insects are continually moving to the west from Walliar and Madakara along the railway line. People try to kill them by fire &c. yet their number is not reduced. The Sahildar says that they ought to be able to destroy them all and the crops will suffer much if they are not destroyed at an early date. I recommend that a reward of 2 annas should be paid for 1 para of locusts killed. I have &c.
 J. W. G. Underwood
 Asst. Collector

I enclose submitted for the information of the Board of Revenue.
 1. The first flights seem to have come in Feb & March, and laid their eggs which have since been hatched.
 2. The direction of migration has been steadily from East to West.
 3. I have been sending information of flights having reached parts of the Walluvanad and Ponani Taluqs. Full details will be submitted shortly.

4. The young ones which I have heard described as being like wingless wasps seem to have used the Railways and Trunk road in their migration. Trains have been stopped by them on the steep incline between Walling and Mada Kana. They get upon the rails and are crushed and under the rails slippery.

5. The heavy showers we are now having will doubtless abate the nuisance, but meantime much damage has been done.

6. The proposal to pay 2 annas per parish for them does not commend itself to me, as the people are certain to kill them off as much as they possibly can to protect the young crops. And we have a heavy monsoon, of which there is a good prospect, I don't anticipate further trouble from them.

Malabar Coll. Office
Calicut
31st May '78
S. J. M. S. J. S.
Collector

Submitted for the information of Government.

2. Before offering rewards for the destruction of locusts in Malabar the Board wd. wait and see the effect of the monsoon.

Enc. Copy & Submit

L. J. S.
Acting Secretary

To. The Secretary to Government
Agr. Dept.
With Maps to be used
& copy of Statement.

