Revenue (1898) Department.

MISCELLANEOUS SERIES.

G.O., No. 2566

DATED 17th June

[Despatch Abstract.]

Recording Proc. of the Bd of Rev. (Settlt.) respecting the Cattle Mortality Returns for the Year ending 31st Dec. 1897.

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REVENUE DEPARTMENT.

1898.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

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MAY.

Cattle mortality returns.—Reviewing — for the quarter ending 31st December 1897.

PROCEEDINGS OF THE BOARD OF REVENUE
(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

READ—the following letter from Veterinary Lieutenant W. B. EDWARDS, Superintendent, Civil Veterinary Department, Madras, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated Camp, Bápatla, 2nd May 1898, No. 322:—

I have the honour to submit, herewith, a review of the cattle mortality reported in the Madras Presidency for the quarter ending 31st December 1897.

2. The statistics of mortality among live-stock are shown in the appendices, and the totals in the subjoined statement compared with the mortality reported during the preceding quarter and the corresponding quarter of the last year:—

Cause of death.	During the quarter ending 31st December 1896.		During the quarter ending 30th September 1897.		During the quarter ending 31st December 1897.	
	Cattle.	Horses and ponies.	Cattle.	Horses and ponies.	Cattle.	Horses and ponies.
Diseases.						
Rinderpest	11,406	..	6,222	..	9,980	..
Diarrhœa and dysentery	5,314	5	3,694	4	7,860	1
Anthrax	7,146	5	5,085	5	6,047	6
Epizootic aphtha	607	..	677	..	1,193	..
Variola	2,143	..	1,447	..	1,339	..
All other diseases	9,944	17	11,686	79	10,817	45
Total ..	36,560	27	28,811	88	37,286	52
Other causes.						
Snake-bite	636	1	637	1	694	..
Wild animals	2,868	32	2,709	30	2,827	32
Criminal poisoning	13	..	10	..	15	..
Total ..	3,517	33	3,356	31	3,536	32
Grand Total ..	40,077	60	32,167	119	40,772	84

3. The total number of deaths among cattle from all causes was 8,607 and 697 more than those in the preceding quarter and the corresponding quarter of the previous year, respectively. The large increase of mortality in the quarter under review over that of the preceding quarter is chiefly due to rinderpest and diarrhœa and dysentery with which rinderpest in often confounded.

4. *Rinderpest, Diarrhœa and Dysentery.*—The loss among cattle from these diseases was 7,924 and 1,120 more than that in the preceding quarter and the corresponding quarter of the previous year, respectively. Kurnool (3,016), Nellore (2,546), Cuddapah (2,449), Chingleput (2,100), Kistna (1,842), Ganjám (1,671) and North Arcot (1,273) reported the highest figures. Kurnool suffered most in the last quarter also. Sirvel (1,080), Cumbum (730) and Pattikonda (428) taluks in Kurnool district, Nellore (783) and Kápúr (618) taluks in Nellore district, Badvel (701), Jammalamadugu (529) and Sidhout (458) in Cuddapah district, Madurántakam (735), Saidapet (644) and Conjeeveram (505) in Chingleput district, Berhampur (771) in Ganjám district, Bápatla (915) in Kistna district and Arcot (563) in North Arcot district

were the most affected taluks in the most affected districts. Nilgiris (5), Salem (39), Coimbatore (45), Trichinopoly (62), and Tinnevelly (69) reported the lowest figures as they did in the last quarter.

In paragraph 4 of my review of the last quarter it has been stated that the following district reported highest mortality during the last three quarters and that a progressive reduction of mortality was observable in most of them. In this quarter there has been a rise in the mortality in all of them.

Districts.	Quarter ending			
	31st March 1897.	30th June 1897.	30th September 1897.	31st December 1897.
Chingleput	3,640	1,503	1,161	2,100
Kurnool	3,502	3,373	2,693	3,016
Nellore	2,458	921	814	2,546
Gódávari	2,002	562	365	369
Anantapur	1,217	857	416	531
North Arcot	1,190	331	641	1,273
Kistna	1,178	853	828	1,842
Cuddapah	1,057	715	1,101	2,449

It is to be noted that Ganjám, which was not one of the most affected districts for some time past, has shown a sudden and great increase of mortality in this quarter.

5. *Anthrax.*—The total loss under this head increased by 962 and decreased by 1,099, as compared with those of the preceding quarter and the corresponding quarter of the previous year, respectively. Gódávari (974) reported the highest figures as it did in the last three quarters. Chingleput (790), Kistna (712), North Arcot (653) and Tanjore (565) reported the next highest figures. Excepting North Arcot, all these districts reported high figures in the last quarter also. Narsapur (134), Yérnagúdem (125), Rajahmundry (119) and Rámachendrapuram (118) were the most affected taluks in Gódávari district.

6. *Epizootic Aphtha.*—The total loss under this head was 516 and 586 more than those in the preceding quarter and the corresponding quarter of the previous year, respectively. Ganjám (348) reported the highest figure and Gódávari (5) the lowest.

7. *Variola.*—As the Board has ordered the omission of this column, it is not necessary to notice this disease (*vide* B.P., Mis. No. 650, dated 5th October 1897).

8. *All other diseases.*—The total loss under this head decreased by 869 and increased by 873 as compared with that of the preceding quarter and the corresponding quarter of the previous year, respectively. Kistna (1,749) reported the highest figure as it did in the last quarter. Nellore (1,212) and Gódávari (1,071) reported the next highest figures.

9. *Horses and Ponies.*—The total loss under this head was 35 less and 24 more than those in the preceding quarter and the corresponding quarter of the previous year, respectively.

10. *Other Causes.*—The total loss among all live-stock under this head was 183 and 80 more than those in the preceding quarter and the corresponding quarter of the previous year, respectively.

11. The total loss caused by disease and other causes among all live-stock was 40,856 against 32,286 and 40,137 of the preceding quarter and the corresponding quarter of the previous year, respectively.

12. *Criminal Poisoning.*—Altogether 15 cases were reported under this head (*vide* Appendix III)—5 from Ganjám, 3 from each of South Arcot and Tanjore and 1 from each of Cuddapah, Nellore, Madura and Malabar. In the case in Cuddapah accused were let off for want of sufficient evidence, and in Nellore the accused was sentenced to five months' hard labour, fifteen days of this period to be in solitary confinement. The results in the remaining thirteen cases have not yet been reported.

APPENDIX No. 1.

STATISTICS of Mortality among Cattle in the Madras Presidency during the quarter ending December 1897.

District.	Deaths due to disease.								Deaths due to other causes.		Total from all causes.	Total stock by latest census.
	Rinderpest.	Diarrhœa and dysentery.	Anthrax.	Epizootic aphtha.	Variola.	All other causes.	Total.	Snake-bite.	Wild animals.	Criminal poisoning.	Total.			
1. Ganjám	690	981	133	348	1,172	901	4,230	70	50	5	125	4,405	123,515
2. Vizagapatam ..	104	186	30	21	..	183	524	5	22	..	27	551	159,670
3. Gódávari	101	268	974	6	..	1,071	2,419	65	57	..	122	2,541	972,417
4. Kistna	348	1,283	625	40	..	1,518	3,814	48	26	..	74	3,888	119,551
5. Kurnool	2,659	357	207	16	150	632	4,021	9	66	..	75	4,096	629,733
6. Bellary	56	39	131	32	..	417	675	7	36	..	43	718	624,064
7. Anantapur	318	213	166	41	..	568	1,306	19	87	..	106	1,412	617,143
8. Cuddapah	1,754	695	124	7	..	303	2,883	10	172	1	183	3,066	1,022,338
9. Nellore	1,354	1,192	229	74	..	1,206	4,054	19	26	1	46	4,100	715,965
10. Chingleput ..	1,198	902	790	81	17	848	3,836	102	6	..	107	3,943	770,385
11. South Arcot ..	251	612	356	22	..	746	1,887	56	38	3	97	1,984	1,182,069
12. North Arcot ..	666	318	446	111	..	45	1,586	94	177	..	271	1,857	912,642
13. Salem	6	83	180	69	..	627	815	17	100	..	117	932	977,831
14. Coimbatore ..	2	43	86	130	..	399	660	16	235	..	251	911	162,208
15. Trichinopoly ..	26	36	115	10	..	360	547	17	17	..	34	581	745,629
16. Tanjore	89	41	565	40	..	113	841	33	1	3	37	878	950,885
17. Madura	19	114	188	21	..	331	673	14	45	1	60	733	..
18. Tinnevelly ..	31	38	268	13	..	219	569	27	10	..	37	606	626,933
19. Nilgiris	..	5	..	14	..	15	34	..	97	..	97	131	67,273
20. Malabar	3	87	12	7	..	34	143	24	454	1	479	622	907,941
21. South Canara ..	63	149	1	8	..	38	259	1	1,025	..	1,026	1,285	680,594
Total ..	9,731	7,492	5,681	1,110	1,339	10,473	35,826	653	2,746	15	3,414	39,240	..
In Zamindaris—													
Vizagapatam ..	37	44	65	6	..	62	214	6	7	..	13	227	..
Kistna	24	187	87	5	..	231	534	11	4	..	15	549	14,307
Bellary	84	2	7	33	..	33	109	..	81	..	31	140	..
Nellore	..	..	..	..	..	7	7	4	..	..	4	11	..
North Arcot ..	164	135	207	39	..	11	546	20	39	..	59	605	..
Total ..	249	368	366	83	..	344	1,410	41	81	..	122	1,532	..
Grand Total ..	9,980	7,860	6,047	1,193	1,339	10,817	37,236	694	2,827	15	3,536	40,772	..

APPENDIX No. 2.

STATISTICS of Mortality among Horses and Ponies in the Madras Presidency during the quarter ending December 1897.

District.	Deaths due to disease.				Deaths due to other causes.				Total from all causes.	Total stock by latest census.
	Diarrhœa and dysentery.	Anthrax.	All other diseases.	Total.	Snake-bite.	Wild animals.	Criminal poisoning.	Total.		
1. Ganjám	..	..	..	..	..	..	..	..	..	..
2. Vizagapatam ..	..	..	..	..	..	..	..	..	..	163
3. Gódávari	1	1	11	13	..	1	..	1	14	2,717
4. Kistna	..	2	3	5	..	5	..	5	10	979
5. Kurnool	..	..	8	8	..	3	..	3	11	2,798
6. Bellary	..	..	6	6	..	5	..	5	11	3,727
7. Anantapur	..	..	2	2	..	7	..	7	9	3,104
8. Cuddapah	..	..	..	..	..	2	..	2	2	2,064
9. Nellore	..	..	2	2	..	..	..	..	2	263
10 Chingleput ..	..	..	3	3	..	..	..	..	3	1,878
11. South Arcot ..	..	..	2	2	..	..	..	..	2	2,685
12. North Arcot ..	..	..	1	1	..	..	..	..	1	1,869
13. Salem	..	..	1	1	..	1	..	1	2	3,292
14. Coimbatore ..	..	..	..	..	..	..	..	..	..	..
15. Trichinopoly ..	..	..	1	1	..	..	..	..	1	1,163
16. Tanjore	..	1	1	2	..	..	..	..	2	1,394
17. Madura	..	..	..	..	..	4	..	4	4	..
18. Tinnevelly ..	..	..	..	..	..	..	..	..	..	756
19. Nilgiris	..	..	..	..	..	2	..	2	2	1,389
20. Malabar	..	..	..	..	..	..	..	..	..	980
21. South Canara ..	..	..	..	..	..	..	..	..	..	185
Total ..	1	4	41	46	..	30	..	30	76	..
In Zamindaris—										
Vizagapatam ..	..	..	..	..	..	..	..	..	..	..
Kistna	..	2	4	6	..	..	..	..	6	30
Bellary	..	..	..	..	..	2	..	2	2	..
Nellore	..	..	..	..	..	..	..	..	..	..
North Arcot ..	..	..	..	..	..	..	..	..	..	..
Total ..	..	2	4	6	..	2	..	2	8	..
Grand Total ..	1	6	45	52	..	32	..	32	84	..

APPENDIX No. 3.

CRIMINAL Poisoning.

District.	Taluk.	Month.	Number of cases.	Particulars from the Collector.
1. Ganjám	Berhampur	October	5	Particulars will follow.
2. Cuddapah ..	Badvel	December	1	Accused let off for want of sufficient evidence — *vide* B P., No. 2265, dated 1st April 1898.
3. Nellore ..	Ongole	Do.	1	Accused was sentenced to five months' rigorous imprisonment, of which for fifteen days he was placed in solitary confinement—*vide* B.P., No. 2584, dated 15th April 1898.
4. South Arcot ..	Vriddhachalam ..	October	1	....
Do. ..	Villupuram ..	November	1	....
Do. ..	Tirukkóyilúr ..	Do.	1	....
5. Tanjore ..	Tanjore	October	1	The death was found on investigation to be due to accident —*vide* B.P., Mis. No. 2759, dated 25th April 1898.
Do. ..	Do.	December	1	....
Do. ..	Kumbakónam ..	November	1	Accused discharged for want of evidence —*vide* B.P., Mis. No. 2760, dated 25th April 1898.
6. Madura ..	Tirumangalam ..	October	1	....
7. Malabar ..	Wynaad	December	1	....
		Total ..	15	

Resolution—No. 174, dated 10th May 1898.

Recorded.

2. The Collector of Tanjore having since reported on two out of the three cases of criminal poisoning in his district, the information furnished by him has been embodied in Appendix III to the review.

3. The Collectors of Ganjám, South Arcot, Tanjore, Madura and Malabar will be requested to submit, at an early date, the reports still due on some of the cases of criminal poisoning mentioned in Appendix III of the review.

(True Copy and Extract.)

R. V. Srinivasa Rao
Secretary.

To the Secretary to Government, Revenue Department.
„ the Inspector-General, Civil Veterinary Department.
„ the Superintendent, Civil Veterinary Department.
„ the Sanitary Commissioner.
„ all Collectors, except Madras.

Ed. W. D'Moss.

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