

Revenue (1897) Department.

PRESS SERIES.

G.O., Nos 272-272 &

Dated 25<sup>th</sup> April

[Despatch Abstract.]

Reviewing the report on the measures  
adopted for the destruction of Wild Animals  
& Snakes during the Calendar Year 1898

27.6.07 ✓  
3-8-08 ✓  
11-12-08 ✓

16.3.09 ✓

6-7-10 ✓

15/5/11 ✓

10.8.11 ✓

27-11-11 ✓

29-2-12 ✓

31-5-12 ✓

29/11/12 ✓

28.5.13 ✓

12.9.13 ✓

8-6-14 ✓

6-3-17 ✓

7-11-17 B III ✓

15-4-20 ✓

20-10-20 ✓

25-3-24 II ✓

8.7.38 II ✓

28.5.42. II ✓



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## Revenue (1897) Department.

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From Board of Revenue  
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No. 73

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## SUBJECT.

Submitting to govt, re-  
 port on the measures  
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 truction of wild animals  
 and snakes, &c., during  
 the year 1898.

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REVENUE DEPARTMENT.

1899.

Board of Revenue

(Land Revenue),

MADRAS.

Printed March th.

Proceedings, No. 73, 13th March 1899.

MARCH.

Submitting to Government report on the measures adopted for the destruction of wild animals and snakes, &c., during the year 1898.



## PROCEEDINGS OF THE BOARD OF REVENUE

(LAND REVENUE).

READ—Collectors' reports on the measures adopted for the destruction of wild animals and for the removal of prickly-pear from village-sites during 1898.

RESOLUTION—No. 73, dated 13th March 1899.

With reference to Government Order, No. 726, Revenue, dated 13th May 1875, the Board submits to Government statements showing the results of the measures adopted for the destruction of wild animals and snakes during the calendar year 1898.

2. The subjoined abstract shows the number of human beings and cattle killed by wild animals and snakes as well as the number of wild animals destroyed and the rewards paid for their destruction during the year under report as compared with the figures for 1897:—

|                                                            | 1897.  | 1898.  | Difference. |
|------------------------------------------------------------|--------|--------|-------------|
| Number of persons killed by—                               |        |        |             |
| (a) Wild animals .. .. .                                   | 240    | 143    | — 97        |
| (b) Snakes .. .. .                                         | 1,872  | 1,664  | — 208       |
| Total ..                                                   | 2,112  | 1,807  | — 305       |
| Number of cattle killed by wild animals and snakes .. .. . | 11,856 | 13,679 | + 1,823     |
| Number of wild animals destroyed .. .. .                   | 1,042  | 914    | — 128       |
| Amount of reward paid .. .. .                              | 22,044 | 18,957 | — 3,087     |

It is noteworthy that in most districts there was a considerable decrease in the number of human deaths due to wild animals and snakes and that in the Nilgiri district no such death was reported during the year.

3. The following statement furnishes particulars of the animals by which human deaths were caused during the past two years:—

|                       | 1897. | 1898. |
|-----------------------|-------|-------|
| Elephants .. .. .     | 2     | 1     |
| Tigers .. .. .        | 112   | 59    |
| Leopards .. .. .      | 67    | 13    |
| Bears .. .. .         | 21    | 16    |
| Wolves .. .. .        | 3     | ...   |
| Hyenas .. .. .        | ...   | ...   |
| Other animals .. .. . | 35    | 54    |
| Total ..              | 240   | 143   |

\* The differences between these figures and those entered in the report for 1897, viz., 234, 110 and 63, are due to a subsequent alteration reported by the Collector of South Canara.

*Elephants.*—The single death caused by an elephant occurred in the Coimbatore district.

*Tigers.*—Of the 59 deaths caused by tigers, Vizagapatam contributed 45 and Gódlavari 4. The number of deaths from this cause in Ganjam fell from 32 in 1897 to nil in 1898; the Collector accounts for this by stating that the season was favourable and consequently the people were not forced to wander about in search of a livelihood to the same extent as in the previous year when distress prevailed.

*Leopards, &c.*—Of human beings killed by leopards, panthers or cheetahs, Vizagapatam, as usual, returned the largest number which, in this instance, was 5. The marked decrease in mortality under this head has not been explained.

*Bears.*—Of the 16 deaths caused by bears, 2 occurred in Ganjam and 14 in Vizagapatam.

*Other animals.*—The Board has excluded a case of death from the sting of a scorpion which has been improperly included in the return for Tinnevely district.

|                      | Number of deaths. |       |
|----------------------|-------------------|-------|
|                      | 1897.             | 1898. |
| Tanjore .. .. .      | 212               | 189   |
| South Arcot .. .. .  | 206               | 140   |
| Coimbatore .. .. .   | 101               | 131   |
| North Arcot .. .. .  | 129               | 129   |
| Trichinopoly .. .. . | 160               | 127   |
| Madura .. .. .       | 123               | 107   |

4. *Death by snake-bite.*—The heaviest losses of life under this head occurred in the districts noted in the margin.

5. Statement B appended to this Resolution exhibits in tabular form the number of villages in which rank undergrowth was removed, the expenditure incurred, and the number of human deaths from snake-bite in these villages as distinguished from those that occurred elsewhere. The reports received from Collectors show that the instructions regarding the removal of prickly-pear and other noxious vegetation from village-sites and the neighbourhood

|                 | Amount spent up to 1898 inclusive | Deaths from snake-bite. |       |       |       |
|-----------------|-----------------------------------|-------------------------|-------|-------|-------|
|                 |                                   | 1895.                   | 1896. | 1897. | 1898. |
| Trichinopoly .. | rs. 32,176                        | 143                     | 151   | 160   | 127   |
| Chingleput ..   | 18,044                            | 109                     | 101   | 109   | 82    |
| Salem ..        | 10,063                            | 163                     | 161   | 185   | 77    |

of inhabited villages continue to receive attention. The statement in the margin shows the three districts in which the largest amounts of money have been spent on the removal of rank undergrowth and the number of deaths from snake-bite reported in each of them during the last four years. Except in 1898, when there was a decline throughout the Presidency in the number of deaths from snake-bite,

these districts do not appear to have benefited materially by the large expenditure shown against them. As regards the accuracy of the return of expenditure itself, there seems to be room for doubt, since in Trichinopoly, where so large a sum as Rs. 8,463 is alleged to have been spent in the year under report, the bulk of the amount is said to have been expended by the villagers, and the figure given is presumably based on their verbal reports.

In the statements received from the marginally-noted districts, the number of human deaths from snake-bite shown in columns 6 and 7 of appendix B does not tally with that given in column 10 of appendix A. This is apparently due to

the fact that the Collectors concerned adopted without reconciliation the figures furnished by the Presidents of Taluk Boards in the case of appendix B and by Tahsildars in the case of appendix A. In future the figures should be reconciled before the returns are submitted to the Board. The Board has revised the figures in columns 6 and 7 of appendix B with reference to those in column 10 of appendix A.

6. *Mortality among cattle.*—The statistics of cattle killed by wild animals and snakes are compared below with the figures for 1897:—



|                                           | 1897.  | 1898.  | Difference. |
|-------------------------------------------|--------|--------|-------------|
| 1. Elephant .. .. .                       |        |        |             |
| 2. Tigers .. .. .                         |        |        |             |
| 3. Leopards, panthers or cheetahs .. .. . | 2,627  | 2,993  | + 366       |
| 4. Bears .. .. .                          | 6,452  | 7,339  | + 887       |
| 5. Wolves .. .. .                         | 20     | 2      | - 18        |
| 6. Hyænas .. .. .                         | 364    | 295    | - 69        |
| 7. Other animals .. .. .                  | 355    | 341    | - 14        |
|                                           | 73     | 613    | + 540       |
| 8. Snakes .. .. .                         |        |        |             |
| Total .. .. .                             | 9,891  | 11,583 | + 1,692     |
| Grand Total .. .. .                       | 1,965  | 2,096  | + 131       |
|                                           | 11,856 | 13,679 | + 1,823     |

As usual the two West Coast districts returned the largest number of deaths by tigers and leopards, viz., 5,882 or about 57 per cent. of the total number for the whole Presidency. The greatest increases under deaths of cattle by wild animals occurred in the districts of South Canara, Ganjám, North Arcot and Anantapur. The Collector of South Canara doubts the accuracy of the figures furnished for his district and considers that it can hardly be believed that 4,252 head of cattle were killed by wild animals while only 613 died of disease and from other causes. He states that the circular issued by him last year, directing a careful scrutiny of the returns, has apparently not had the desired effect. He will be requested to examine the matter carefully and take suitable notice of cases of careless report or failure to exercise sufficient scrutiny. In Ganjám, there has been a steady increase \* in the mortality of cattle during the last four years; the Collector states that it is due partly to improved registration and partly to havoc committed among the cattle by two man-eaters. The Collectors of North Arcot and Anantapur have not explained the increases in their districts. In future all Collectors should compare the figures reported every year with those tabulated in previous years and account for differences as far as possible.

*Deaths of cattle by snake-bite.*—The cattle mortality from this cause showed a slight increase. The figures for the last five years are given below:—

|              | Number of cattle killed. |
|--------------|--------------------------|
| 1894 .. .. . | 2,071                    |
| 1895 .. .. . | 2,311                    |
| 1896 .. .. . | 1,707                    |
| 1897 .. .. . | 1,965                    |
| 1898 .. .. . | 2,096                    |

7. The following statement compares the number of wild animals destroyed and the amounts disbursed in the shape of rewards for their destruction during the past two years:—

|                                           | 1897.   |         | 1898.   |         | Difference. |         |
|-------------------------------------------|---------|---------|---------|---------|-------------|---------|
|                                           | Number. | Reward. | Number. | Reward. | Number.     | Reward. |
| 1. Elephants .. .. .                      |         | Rs.     |         | Rs.     |             | Rs.     |
| 2. Tigers .. .. .                         | 110     | 6,237   | 102     | 4,947   | - 8         | - 1,290 |
| 3. Leopards, panthers or cheetahs .. .. . | 854     | 15,446  | 752     | 13,735  | - 102       | - 1,711 |
| 4. Bears .. .. .                          | 78      | 361     | 69      | 270     | - 9         | - 91    |
| 5. Wolves .. .. .                         |         |         |         |         |             |         |
| 6. Hyænas .. .. .                         |         |         | 1       | 5       | + 1         | + 5     |
| 7. Other animals .. .. .                  |         |         |         |         |             |         |
| Total .. .. .                             | 1,042   | 22,044  | 914     | 18,957  | - 128       | - 3,087 |

There was a decrease in the number of wild animals killed as well as in the amount of rewards disbursed for their destruction during 1898. The Collector of Vizagapatam ascribes the decrease in the amount of rewards to greater discrimination in granting them. The decrease in the number of animals destroyed in Nellore is attributed to the shikaris not having renewed their licenses, but the failure to renew such licenses has not been accounted for. The explanation furnished by the Collector of Ganjám is referred to in paragraph 9 below; the other Collectors have not explained the decrease in the number of wild animals killed in their districts.

As usual, the largest numbers of animals were destroyed in Ganjám and Vizagapatam, where the figures were 212 and 240 against 247 and 258, respectively, in 1897.

In Tinnevely, a reward of Rs. 5 is reported to have been paid for killing a hyæna. The Collector's attention will be drawn to the rule that no reward should be paid in this Presidency for the destruction of hyænas.

8. *Disposal of skins of wild animals.*—The statement given below shows the expenditure incurred in the payment of rewards, the amounts realized by the sale of skins, and the net cost to the State of the operations for the extermination of wild animals:—

| Districts.           | Amount paid as rewards in 1898. | Amount realized by the sale of skin. | Net cost to Government. |
|----------------------|---------------------------------|--------------------------------------|-------------------------|
|                      | Rs.                             | Rs.                                  | Rs.                     |
| Ganjám .. .. .       | 3,473                           | 593                                  | 2,880                   |
| Vizagapatam .. .. .  | 5,721                           | 355                                  | 5,366                   |
| Gódvári .. .. .      | 1,760                           | 346                                  | 1,414                   |
| Kistna .. .. .       | 335                             | 71                                   | 264                     |
| Nellore .. .. .      | 74                              | 7                                    | 67                      |
| Cuddapah .. .. .     | 587                             | 114                                  | 473                     |
| Anantapur .. .. .    | 118                             | 12                                   | 106                     |
| Bellary .. .. .      | 286                             | 45                                   | 241                     |
| Karnool .. .. .      | 666                             | 99                                   | 567                     |
| Madras .. .. .       | 25                              | 4                                    | 21                      |
| Chingleput .. .. .   | 765                             | 156                                  | 609                     |
| North Arcot .. .. .  | 783                             | 102                                  | 681                     |
| South Arcot .. .. .  |                                 |                                      |                         |
| Tanjore .. .. .      | 175                             | 8                                    | 167                     |
| Trichinopoly .. .. . | 107                             | 18                                   | 89                      |
| Madura .. .. .       | 35                              | 9                                    | 26                      |
| Tinnevely .. .. .    | 343                             | 130                                  | 213                     |
| Coimbatore .. .. .   | 770                             | 156                                  | 614                     |
| Nilgiris .. .. .     | 737                             | 192                                  | 545                     |
| Salem .. .. .        | 1,268                           | 84                                   | 1,184                   |
| South Canara .. .. . | 929                             | 238                                  | 691                     |
| Malabar .. .. .      |                                 |                                      |                         |
| Total .. .. .        | 18,957                          | 2,739                                | 16,218                  |

9. The total number of licenses issued under the Indian Arms Act in Form XI for the purposes of the destruction of wild animals or the protection of crops amounted to 5,285 against 7,438 \* in 1897. The reduction occurred mainly in Ganjám, Cuddapah and South Canara. The Collector of Ganjám attributes the decrease to want of energy among the shikaris engaged in the destruction of wild animals, while the Collector of Cuddapah explains it as due to the fact that people prefer to take out licenses in Form VIII which covers all purposes including self-protection. The Collector of South Canara ascribes the falling off in his district to the stricter enforcement of the rules regarding the issue of such licenses. The rules referred to are presumably those mentioned in the Collector's explanation submitted to Government with Board's Proceedings, No. 3206, dated 26th August 1897, viz, that licenses in Form XI should be initialled annually by the Magistrate and that the weapon must not be carried to a considerable distance beyond the limits of the places named. The number of licenses in Form XI issued in Cuddapah and Bellary during 1897 was 157 and 4, respectively; as these licenses

\* *Note.*—The figure reported last year was 7,251, but it has been altered to 7,438 on the receipt of revised reports from the Collectors of Cuddapah and Bellary.



would be in force for five years, it is not understood why in the return for 1898 the number granted in previous years and still in force in those districts is shown as 28 and 3, respectively. The Collectors concerned are requested to explain the discrepancies.

10. Notwithstanding the extension of time allowed in Board's Proceedings, No. 295, dated 8th November 1898, for the submission of these returns, the Board regrets to observe that most Collectors have failed to submit their reports on the due date, viz., the 10th ultimo, the districts noted in the margin being the only exceptions to this remark. The last report was that received from the Nilgiris on the 21st ultimo.

1. Vizagapatam.
2. Madras.
3. North Arcot.
4. South Arcot.

5. Tanjore.
6. Madura.
7. Malabar.

(True Copy and Extract.)

*Conel Dindon*

Acting Secretary.

14-3-99

To the Secretary to Government, Revenue Department,  
with Collectors' reports, in original, to be returned.  
,, all Collectors.  
,, the Director-General of Statistics (with two copies of Appendices A and B).

[Appendix.

## APPENDIX A.

| Districts.             | Number of persons killed |         |                                    |        |         |         |                |        |            |              |
|------------------------|--------------------------|---------|------------------------------------|--------|---------|---------|----------------|--------|------------|--------------|
|                        | By wild animals.         |         |                                    |        |         |         |                |        | By snakes. | Grand total. |
|                        | Elephants.               | Tigers. | Leopards, panthers<br>or cheetahs. | Bears. | Wolves. | Hyenas. | Other animals. | Total. |            |              |
| 1                      | 2                        | 3       | 4                                  | 5      | 6       | 7       | 8              | 9      | 10         | 11           |
| 1. Ganjām .. ..        | ..                       | ..      | ..                                 | 2      | ..      | ..      | (a) 28         | 30     | 49         | 79           |
| 2. Vizagapatam .. ..   | ..                       | 45      | 5                                  | 14     | ..      | ..      | (b) 2          | 66     | 55         | 121          |
| 3. Godāvāri .. ..      | ..                       | 4       | 1                                  | ..     | ..      | ..      | (a) 4          | 9      | 79         | 88           |
| 4. Kistna .. ..        | ..                       | ..      | 1                                  | ..     | ..      | ..      | (c) 5          | 6      | 87         | 93           |
| 5. Nellore .. ..       | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | 36         | 36           |
| 6. Cuddapah .. ..      | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | 22         | 22           |
| 7. Anantapur .. ..     | ..                       | ..      | 1                                  | ..     | ..      | ..      | (a) 3          | 4      | 32         | 36           |
| 8. Bellary .. ..       | ..                       | ..      | ..                                 | ..     | ..      | ..      | (a) 9          | 9      | 26         | 35           |
| 9. Kurnool .. ..       | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | 30         | 30           |
| 10. Madras .. ..       | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | 2          | 2            |
| 11. Chingleput .. ..   | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | 82         | 82           |
| 12. North Arcot .. ..  | ..                       | 1       | ..                                 | ..     | ..      | ..      | ..             | ..     | 129        | 130          |
| 13. South Arcot .. ..  | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | 1      | 140        | 140          |
| 14. Tanjore .. ..      | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | 189        | 189          |
| 15. Trichinopoly .. .. | ..                       | ..      | 1                                  | ..     | ..      | ..      | (a) 2          | 3      | 127        | 130          |
| 16. Madura .. ..       | ..                       | 2       | 2                                  | ..     | ..      | ..      | ..             | 4      | 107        | 111          |
| 17. Tinnevely .. ..    | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | 103        | 103          |
| 18. Coimbatore .. ..   | 1                        | ..      | 2                                  | ..     | ..      | ..      | ..             | 3      | 131        | 134          |
| 19. Nilgiris .. ..     | ..                       | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | ..         | ..           |
| 20. Salem .. ..        | ..                       | 3       | ..                                 | ..     | ..      | ..      | ..             | 3      | 77         | 80           |
| 21. South Canara .. .. | ..                       | 3       | ..                                 | ..     | ..      | ..      | (a) 1          | 4      | 90         | 94           |
| 22. Malabar .. ..      | ..                       | 1       | ..                                 | ..     | ..      | ..      | ..             | 1      | 71         | 72           |
| Total ..               | 1                        | 59      | 13                                 | 16     | ..      | ..      | 54             | 143    | 1,664      | 1,807        |

| Districts.               | Number of cattle killed |         |                                    |        |         |         |                |        |            |              |
|--------------------------|-------------------------|---------|------------------------------------|--------|---------|---------|----------------|--------|------------|--------------|
|                          | By wild animals.        |         |                                    |        |         |         |                |        | By snakes. | Grand total. |
|                          | Elephants.              | Tigers. | Leopards, panthers<br>or cheetahs. | Bears. | Wolves. | Hyenas. | Other animals. | Total. |            |              |
|                          | 12                      | 13      | 14                                 | 15     | 16      | 17      | 18             | 19     |            |              |
| 1. Ganjám .. .. .        | ..                      | 30      | 55                                 | ..     | ..      | ..      | (a) 443        | 528    | 378        | 906          |
| 2. Vizagapatam .. .. .   | ..                      | 109     | 82                                 | ..     | 3       | 1       | ..             | 195    | 26         | 221          |
| 3. Gó dá va ri .. .. .   | ..                      | 156     | 46                                 | ..     | 1       | ..      | (a) 4          | 207    | 208        | 415          |
| 4. Kistna .. .. .        | ..                      | 38      | 73                                 | ..     | ..      | ..      | (d) 1          | 112    | 176        | 288          |
| 5. Nellore .. .. .       | ..                      | ..      | 88                                 | ..     | 8       | ..      | ..             | 96     | 115        | 211          |
| 6. Cuddapah .. .. .      | ..                      | 33      | 379                                | ..     | 128     | 30      | (e) 70         | 610    | 13         | 653          |
| 7. Anantapur .. .. .     | ..                      | 12      | 417                                | ..     | 33      | ..      | ..             | 462    | 31         | 493          |
| 8. Bellary .. .. .       | ..                      | ..      | 85                                 | ..     | 1       | ..      | ..             | 2      | 22         | 114          |
| 9. Kurnool .. .. .       | ..                      | 70      | 277                                | ..     | 40      | 6       | (f) 2          | 395    | 50         | 445          |
| 10. Madras .. .. .       | ..                      | ..      | ..                                 | ..     | ..      | ..      | ..             | ..     | ..         | ..           |
| 11. Chingleput .. .. .   | ..                      | ..      | 8                                  | ..     | ..      | 1       | ..             | 9      | 281        | 290          |
| 12. North Arcot .. .. .  | ..                      | ..      | 936                                | ..     | ..      | ..      | ..             | 936    | 250        | 1,186        |
| 13. South Arcot .. .. .  | ..                      | ..      | 70                                 | ..     | ..      | ..      | ..             | 83     | 50         | 133          |
| 14. Tanjore .. .. .      | ..                      | ..      | ..                                 | ..     | ..      | ..      | (f) 3          | 4      | 97         | 101          |
| 15. Trichinopoly .. .. . | ..                      | ..      | 24                                 | ..     | ..      | ..      | (f) 4          | 88     | 75         | 163          |
| 16. Madura .. .. .       | ..                      | 221     | 51                                 | ..     | 2       | ..      | (g) 64         | 281    | 68         | 339          |
| 17. Tinnevelly .. .. .   | ..                      | 8       | 36                                 | ..     | 6       | 1       | (h) 7          | 54     | 91         | 145          |
| 18. Coimbatore .. .. .   | ..                      | 415     | 316                                | ..     | 1       | 1       | (i) 3          | 733    | 27         | 760          |
| 19. Nilgiris .. .. .     | ..                      | 169     | 62                                 | ..     | ..      | ..      | ..             | 231    | 3          | 234          |
| 20. Salem .. .. .        | ..                      | ..      | 174                                | ..     | 41      | 10      | (a) 4          | 229    | 41         | 270          |
| 21. South Canara .. .. . | ..                      | 701     | 3,549                              | ..     | 1       | 1       | ..             | 4,252  | 19         | 4,271        |
| 22. Malabar .. .. .      | ..                      | 1,031   | 601                                | 2      | 30      | 290     | (j) 2          | 1,956  | 85         | 2,041        |
| Total .. .. .            | ..                      | 2,993   | 7,339                              | 2      | 295     | 341     | 613            | 11,583 | 2,096      | 13,679       |

(a) Particulars not furnished.

(c) One by a mad jackal, one by a mad dog, particulars not known for the remainder.

(e) Information called for from the Tahsildar concerned.

(g) By jackals.

(i) One by a wild pig and two by jackals.

(b) By wild boars.

(d) By one deer.

(f) By crocodiles.

(h) By foxes.

(j) One by a crocodile and no information about the other.



## APPENDIX A—cont.

|                     | Number of animals destroyed and the amount of reward paid for their destruction. |                   |         |                   |                                  |                   |        |                   |         |                   |
|---------------------|----------------------------------------------------------------------------------|-------------------|---------|-------------------|----------------------------------|-------------------|--------|-------------------|---------|-------------------|
|                     | Elephants.                                                                       | Amount of reward. | Tigers. | Amount of reward. | Leopards, panthers, or cheetahs. | Amount of reward. | Bears. | Amount of reward. | Wolves. | Amount of reward. |
|                     | 22                                                                               | 23                | 24      | 25                | 26                               | 27                | 28     | 29                | 30      | 31                |
| 1. Ganjām ..        | ..                                                                               | ..                | 10      | Rs. 260           | 175                              | Rs. 3,092         | 27     | Rs. 121           | ..      | ..                |
| 2. Vizagapatam ..   | ..                                                                               | ..                | 45      | 2,703             | 175                              | 2,923             | 20     | 95                | ..      | ..                |
| 3. Gódvári ..       | ..                                                                               | ..                | 10      | 550               | 59                               | 1,180             | 6      | 30                | ..      | ..                |
| 4. Kistna ..        | ..                                                                               | ..                | 3       | 84                | 18                               | 246               | 1      | 5                 | ..      | ..                |
| 5. Nellore ..       | ..                                                                               | ..                | ..      | ..                | 5                                | 74                | ..     | ..                | ..      | ..                |
| 6. Cuddapah ..      | ..                                                                               | ..                | 1       | ..                | 34                               | 587               | ..     | ..                | ..      | ..                |
| 7. Anantapur ..     | ..                                                                               | ..                | ..      | ..                | 8                                | 118               | ..     | ..                | ..      | ..                |
| 8. Bellary ..       | ..                                                                               | ..                | 1       | 50                | 11                               | 232               | 1      | 4                 | ..      | ..                |
| 9. Kurnool ..       | ..                                                                               | ..                | 2       | 70                | 29                               | 596               | ..     | ..                | ..      | ..                |
| 10. Madras ..       | ..                                                                               | ..                | ..      | ..                | ..                               | ..                | ..     | ..                | ..      | ..                |
| 11. Chingleput ..   | ..                                                                               | ..                | ..      | ..                | 1                                | 25                | ..     | ..                | ..      | ..                |
| 12. North Arcot ..  | ..                                                                               | ..                | 1       | 35                | 40                               | 725               | 1      | 5                 | ..      | ..                |
| 13. South Arcot ..  | ..                                                                               | ..                | ..      | ..                | 37                               | 778               | 1      | 5                 | ..      | ..                |
| 14. Tanjore ..      | ..                                                                               | ..                | ..      | ..                | ..                               | ..                | ..     | ..                | ..      | ..                |
| 15. Trichinopoly .. | ..                                                                               | ..                | ..      | ..                | 8                                | 175               | ..     | ..                | ..      | ..                |
| 16. Madura ..       | ..                                                                               | ..                | 1       | 25                | 4                                | (a) 82            | ..     | ..                | ..      | ..                |
| 17. Tinnevelly ..   | ..                                                                               | ..                | ..      | ..                | 2                                | 30                | ..     | ..                | ..      | ..                |
| 18. Coimbatore ..   | ..                                                                               | ..                | 1       | 35                | 16                               | 308               | ..     | ..                | ..      | ..                |
| 19. Nilgiris ..     | ..                                                                               | ..                | 14      | 385               | 24                               | 380               | 2      | 5                 | ..      | ..                |
| 20. Salem ..        | ..                                                                               | ..                | ..      | ..                | 37                               | 737               | ..     | ..                | ..      | ..                |
| 21. South Canara .. | ..                                                                               | ..                | 7       | 410               | 40                               | 858               | ..     | ..                | ..      | ..                |
| 22. Malabar ..      | ..                                                                               | ..                | 6       | 340               | 29                               | 589               | ..     | ..                | ..      | ..                |
| Total ..            | ..                                                                               | ..                | 102     | 4,947             | 752                              | 13,735            | 59     | 270               | ..      | ..                |

|                     | Number of animals destroyed and the amount of reward paid for their destruction—cont. |                   |                |                   |        |                   | Licenses issued under the Indian Arms Act, 1878, in Form XI, free of cost, for the purpose of destruction of wild animals or protection of crops. |                                                   |        |
|---------------------|---------------------------------------------------------------------------------------|-------------------|----------------|-------------------|--------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------|
|                     | Hyenas.                                                                               | Amount of reward. | Other animals. | Amount of reward. | Total. | Amount of reward. | Number of licenses granted during the year.                                                                                                       | Number grant in previous year and still in force. | Total. |
|                     | 32                                                                                    | 33                | 34             | 35                | 36     | 37                | 38                                                                                                                                                | 39                                                | 40     |
| 1. Ganjām ..        | ..                                                                                    | Rs. ..            | ..             | Rs. ..            | 212    | 3,473             | ..                                                                                                                                                | 12                                                | 12     |
| 2. Vizagapatam ..   | ..                                                                                    | ..                | ..             | ..                | 240    | 5,721             | 2                                                                                                                                                 | 8                                                 | 10     |
| 3. Gódvári ..       | ..                                                                                    | ..                | ..             | ..                | 75     | 1,760             | ..                                                                                                                                                | ..                                                | ..     |
| 4. Kistna ..        | ..                                                                                    | ..                | ..             | ..                | 22     | 335               | ..                                                                                                                                                | ..                                                | ..     |
| 5. Nellore ..       | ..                                                                                    | ..                | ..             | ..                | 5      | 74                | ..                                                                                                                                                | ..                                                | ..     |
| 6. Cuddapah ..      | ..                                                                                    | ..                | ..             | ..                | 35     | 587               | 18                                                                                                                                                | 28                                                | 46     |
| 7. Anantapur ..     | ..                                                                                    | ..                | ..             | ..                | 8      | 118               | 1                                                                                                                                                 | ..                                                | 1      |
| 8. Bellary ..       | ..                                                                                    | ..                | ..             | ..                | 13     | 286               | ..                                                                                                                                                | 3                                                 | 3      |
| 9. Kurnool ..       | ..                                                                                    | ..                | ..             | ..                | 31     | 666               | 1                                                                                                                                                 | ..                                                | 1      |
| 10. Madras ..       | ..                                                                                    | ..                | ..             | ..                | ..     | ..                | ..                                                                                                                                                | ..                                                | ..     |
| 11. Chingleput ..   | ..                                                                                    | ..                | ..             | ..                | 1      | 25                | ..                                                                                                                                                | ..                                                | ..     |
| 12. North Arcot ..  | ..                                                                                    | ..                | ..             | ..                | 42     | 765               | ..                                                                                                                                                | ..                                                | ..     |
| 13. South Arcot ..  | ..                                                                                    | ..                | ..             | ..                | 38     | 783               | ..                                                                                                                                                | ..                                                | ..     |
| 14. Tanjore ..      | ..                                                                                    | ..                | ..             | ..                | ..     | ..                | ..                                                                                                                                                | ..                                                | ..     |
| 15. Trichinopoly .. | ..                                                                                    | ..                | ..             | ..                | 8      | 175               | ..                                                                                                                                                | ..                                                | ..     |
| 16. Madura ..       | ..                                                                                    | ..                | ..             | ..                | 5      | 107               | ..                                                                                                                                                | 1                                                 | 1      |
| 17. Tinnevelly ..   | 1                                                                                     | 5                 | ..             | ..                | 3      | 35                | ..                                                                                                                                                | 2                                                 | 2      |
| 18. Coimbatore ..   | ..                                                                                    | ..                | ..             | ..                | 17     | 343               | ..                                                                                                                                                | 370                                               | 370    |
| 19. Nilgiris ..     | ..                                                                                    | ..                | ..             | ..                | 40     | 770               | 146                                                                                                                                               | 599                                               | 745    |
| 20. Salem ..        | ..                                                                                    | ..                | ..             | ..                | 37     | 737               | 426                                                                                                                                               | 899                                               | 1,325  |
| 21. South Canara .. | ..                                                                                    | ..                | ..             | ..                | 47     | 1,268             | 8                                                                                                                                                 | 2,532                                             | 2,540  |
| 22. Malabar ..      | ..                                                                                    | ..                | ..             | ..                | 35     | (b) 929           | 63                                                                                                                                                | 166                                               | 229    |
| Total ..            | 1                                                                                     | 5                 | ..             | ..                | 914    | 18,957            | 665                                                                                                                                               | 4,620                                             | 5,285  |

(a) This includes the reward of Rs. 15 paid for a panther killed last year.

(b) This excludes Rs. 30 paid on account of carriage charge.

## APPENDIX B.

| Districts.          | Total number of villages. | Number of villages in which rank undergrowth was removed. | Amount spent in removing undergrowth |                        | Number of human deaths from snake bite. |                    |
|---------------------|---------------------------|-----------------------------------------------------------|--------------------------------------|------------------------|-----------------------------------------|--------------------|
|                     |                           |                                                           | In the year under report.            | In previous years (c). | In villages referred to in column 3.    | In other villages. |
|                     |                           |                                                           | 4                                    | 5                      | 6                                       | 7                  |
| 1. Ganjām ..        | ..                        | ..                                                        | Rs. 4,295                            | Rs. 33                 | ..                                      | ..                 |
| 2. Vizagapatam ..   | ..                        | 55                                                        | 747                                  | 2,693                  | ..                                      | 49                 |
| 3. Gódvári ..       | ..                        | 121                                                       | 491                                  | (b) 4,108              | ..                                      | 55                 |
| 4. Kistna ..        | ..                        | 8                                                         | 950                                  | 945                    | 2                                       | 77                 |
| 5. Nellore ..       | ..                        | 21                                                        | 1,426                                | 3,518                  | Details not furnished.                  | ..                 |
| 6. Cuddapah ..      | ..                        | 25                                                        | 1,295                                | 5,829                  | ..                                      | 36                 |
| 7. Anantapur ..     | ..                        | 23                                                        | 965                                  | 2,122                  | Details not furnished.                  | ..                 |
| 8. Bellary ..       | ..                        | 2                                                         | 351                                  | 687                    | 29                                      | 3                  |
| 9. Kurnool ..       | ..                        | (a) 963                                                   | 30                                   | 25                     | Details not furnished.                  | ..                 |
| 10. Madras ..       | ..                        | 799                                                       | 17                                   | 320                    | 1                                       | 29                 |
| 11. Chingleput ..   | ..                        | 17                                                        | 737                                  | 2,147                  | 2                                       | ..                 |
| 12. North Arcot ..  | ..                        | 2,072                                                     | 1,357                                | 16,687                 | 6                                       | 76                 |
| 13. South Arcot ..  | ..                        | 3,554                                                     | 141                                  | 3,823                  | ..                                      | 129                |
| 14. Tanjore ..      | ..                        | (b) 2,712                                                 | 740                                  | (b) 4,270              | ..                                      | 140                |
| 15. Trichinopoly .. | ..                        | 1,443                                                     | 395                                  | 1,190                  | 1                                       | 188                |
| 16. Madura ..       | ..                        | (a) 967                                                   | 291                                  | 23,713                 | 21                                      | 106                |
| 17. Tinnevelly ..   | ..                        | 4,103                                                     | 39                                   | 1,530                  | ..                                      | 107                |
| 18. Coimbatore ..   | ..                        | 1,623                                                     | 3                                    | 2,651                  | Details not furnished.                  | ..                 |
| 19. The Nilgiris .. | ..                        | (a) 1,498                                                 | 59                                   | 3,169                  | Details not furnished.                  | ..                 |
| 20. Salem ..        | ..                        | 48                                                        | 108                                  | 70                     | ..                                      | 75                 |
| 21. South Canara .. | ..                        | 3,492                                                     | 52                                   | 8,093                  | 2                                       | 90                 |
| 22. Malabar ..      | ..                        | 1,284                                                     | 941                                  | ..                     | ..                                      | 71                 |
| Total ..            | ..                        | 437                                                       | 27                                   | 56                     | 147                                     | ..                 |
| Total ..            | 40,154                    | 2,634                                                     | 20,081                               | 87,737                 | 64                                      | 1,231              |

(a) The differences between these and last year's figures have not been explained.

(b) The differences between these and last year's figures are due to the inclusion of villages within municipal limits and the amount spent for the removal of undergrowth therein.

(c) The figures in this column have been revised with reference to those of the last year wherever the variations have not been explained by Collectors.

Exd. W. D' Moss.



V.F.

No. 272, REVENUE

25<sup>th</sup> APRIL 1899.

GOVERNMENT  
REVENUE DEPARTMENT.

READ—Board's Proceedings, No. 73, dated

3<sup>rd</sup> March 1899.

ORDER—No. 272, Revenue, dated

Apr 1899.

Miscellaneous.

wild animals and snakes during the calendar year 1898, with satisfaction that, notwithstanding the several districts, the Board's report was due date: 15th March

2. The number of persons killed by

|      | Deaths caused by wild animals. |
|------|--------------------------------|
| 1886 | 196                            |
| 1887 | 228                            |
| 1888 | 186                            |
| 1889 | 205                            |
| 1890 | 196                            |
| 1891 | 229                            |
| 1892 | 315                            |
| 1893 | 274                            |
| 1894 | 279                            |
| 1895 | 277                            |
| 1896 | 295                            |
| 1897 | 240                            |
| 1898 | 143                            |

which were limited to the two northern districts, mortality returned as due to "other animals." It is observed from Appendix A to the report that the requisite details not having been furnished, the cause of the deaths is not known.

3. The number of human deaths from snake-bite during the year under report, having amounted to 1,664 in 1898 against 1,872 in 1897. It is observed that the major portion of the deaths occurred in the districts of Chingleput, North Arcot, Salem and Coimbatore. The Collectors' reports have not been submitted to the Government in the case of the districts of Chingleput, North Arcot, Salem and Coimbatore. The Government is glad to note that the instructions regarding the removal of village-sites and the neighbourhood of the attention of District-officers. The amount removed was 2,634 in 1898 against 2,844 in the preceding year, and the expenditure incurred on this account was Rs. 20,081 in 1898 against Rs. 25,300 in 1897. The statement of expenditure or some Collectors, e.g., in the case of Trichinopoly, appear to have included the removal of noxious vegetation.

With the above Proceedings, the Board of Revenue submits its report on the measures adopted for the destruction of wild animals and snakes during the year 1898. The Government notes the receipt of the Collectors' returns from the districts submitted to Government on the

during the year under report 97 less than in the preceding year. This is the lowest on record since 1866. As usual, the largest number of deaths (over 41 per cent.) were caused by tigers. In the district of Vizagapatam alone tigers killed 45 persons. The deaths caused by leopards, panthers and cheetahs fell from 67 in 1897 to 13 in 1898, and an explanation has been offered of the marked decrease in mortality under this head. The deaths caused by bears, districts, also showed a decrease, but the total rose from 55 in 1897 to 54 in 1898. The report that, in several cases, this is

snake-bite showed a marked fall during the year under report, having amounted to 1,664 in 1898 against 1,872 in 1897. It is observed that the major portion of the deaths occurred in the districts of Chingleput, North Arcot, Salem and Coimbatore. The Collectors' reports have not been submitted to the Government in the case of the districts of Chingleput, North Arcot, Salem and Coimbatore. The Government is glad to note that the instructions regarding the removal of village-sites and the neighbourhood of the attention of District-officers. The amount removed was 2,634 in 1898 against 2,844 in the preceding year, and the expenditure incurred on this account was Rs. 20,081 in 1898 against Rs. 25,300 in 1897. The statement of expenditure or some Collectors, e.g., in the case of Trichinopoly, appear to have included the removal of noxious vegetation.

The sufficient case has not been taken to ascertain the species of animal which caused the death.

Printed V. 24  
26-4-99

Mel  
26/4/99

Secy  
Draft 80. on the 18<sup>th</sup>  
Report on the measures  
taken for the destruction  
of wild animals and snakes,  
during 1898, is  
submitted for approval  
in proof

24/4/99

Hu  
24/4/99

This last sentence seems  
unintelligible. What does  
"this" refer to.  
How can an increase  
from 35 to 54 be due  
to an omission in  
several cases.  
The sentence should be  
omitted, or reworded so  
as to show clearly  
what is meant

MRP-  
24-4-99

Secy  
Submitted that in several cases  
the names of the animals  
killed were not given.  
Deaths were not stated  
as being caused by  
snakes.



4. Compared with the preceding year.

|             | Number of cattle<br>killed by |         | Total.  |
|-------------|-------------------------------|---------|---------|
|             | Wild<br>animals.              | Snakes. |         |
| 1897 .. ..  | 9,891                         | 1,965   | 11,856  |
| 1898 .. ..  | 11,583                        | 2,096   | 13,679  |
| Increase .. | + 1,692                       | + 131   | + 1,823 |

the number of deaths among cattle caused by wild animals and snakes during 1898 exhibited an increase of 1,823, almost the whole of which ~~was contributed by~~ the districts of South Canara (1,086) and Ganjam (652). The Collector of the former district, however, doubts the accuracy of the figures relating to his district, and the Board has instructed him to ~~cause~~ a searching inquiry into the matter.

It occurred in

quake

5. During the year under report, the

|             | Number of<br>animals<br>killed. | Amount<br>disbursed as<br>rewards. | Amount<br>realized by<br>sale of<br>skins. |
|-------------|---------------------------------|------------------------------------|--------------------------------------------|
| 1897 .. ..  | 1,042                           | Rs.<br>22,044                      | Rs.<br>3,404                               |
| 1898 .. ..  | 914                             | 18,957                             | 2,739                                      |
| Decrease .. | — 128                           | — 3,087                            | — 665                                      |

There was a decrease both in the number of wild animals killed and the amount of rewards disbursed. The amount realized by the sale of skins fell in consequence. The net cost on account of the operations for the destruction of wild animals was Rs. 16,218 in 1898 against Rs. 18,640 in 1897. The largest number of wild animals destroyed was, as usual, in Ganjam (212) and Vizagapatam (240).

6. The number of fresh licenses issued under Form XI for the purpose of the destruction of this 4,620 licenses granted in previous years, the total number of free licenses in force at the preceding year. Nearly 78 per cent. in the Canara district. The Collector ascribes the rules regarding the issue of the licenses. in the Bellary districts are, as observed by the Collector, that the figures reported by Col. Bellary observed that the figures reported by Col. Bellary continue to differ from those given in the the Indian Arms Act. Care should be taken to repeated in future reports.

under the Indian Arms Act (1878) in  
of wild animals was 665; and adding to  
and which remained in force during 1898,  
ing the year was 5,285 against 7,438 in  
(74) of this decrease occurs in the South  
ing off to the stricter enforcement of the  
ie figures relating to the Cuddapah and  
Board of Revenue, inaccurate. It is  
tors in connection with this report still  
ports of these officers on the working of  
in to see that such discrepancies are not

Reconcile as far as possible

(True

(Signed) G. S. FORBES,  
Secretary to Government.

To the Board of Revenue (Land Revenue), with  
 " the Judicial Department.  
 " the Public Department.  
 " the Local and Municipal Department.  
 Copy to the Board of Revenue (Separate

Collectors' reports.

ENDORSEMENT—No. 272A, Revenue.

Copy to the Government of India

Department.

N. E. MARJORIBANKS,  
Ag. Under Secretary to Government.

Exd. A. Rungaswamy Aiyangar

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 (Cus 1876/99)

Order Paper

With the above proceedings  
 the Board has submitted its report  
 on the measures adopted for  
 the destruction of wild animals  
 and snakes during the calendar  
 year 1898. The Government  
 notes with satisfaction that  
 notwithstanding the late receipt  
 of the Collectors' returns from  
 several districts, the Board's  
 report was punctually sub-  
 mitted to Govt on the due  
 date, viz, 15<sup>th</sup> March. ~~and~~  
~~that the same promptness~~  
~~with which that promptness~~  
~~will be observed in~~  
~~the submission of future years~~  
~~returns.~~ In this connection,  
 H.R. the Governor in Council  
 regrets to observe that in spite  
 of the comments passed <sup>by Govt</sup> in the  
 previous reviews regarding the  
 delay in the submission of  
 these returns and notwithstanding  
 the extension of time allo-



for this submission in B.O. No 295  
of 8. 11. 98, the district officers  
continue to be ~~off~~ apathetic  
in the matter, and desires to  
again to to impress upon these  
officers <sup>that unless they take</sup> ~~the necessary steps of~~  
taking a personal interest,  
the fruition of the measures  
sanctioned by Govt for the destruction  
of wild animals and snakes  
in view to prevent the mortality  
of man among men and cattle  
from these causes, will, in a great  
measure, be minimised.

2. The <sup>No of persons killed</sup> ~~human mortality~~  
caused by wild animals during  
the year under report was 143 or  
97 less than in the preceding year  
and is the lowest on record  
since 1886. As usual the largest  
number of deaths <sup>(over 41 h.c.)</sup> were caused by  
tigers, the ~~single~~ district of Vizagapatnam  
alone contributing 45 deaths <sup>persons</sup> ~~or 32 per cent~~  
as due to this cause.  
The deaths caused by leopards, panthers  
and cheetahs fell from 67 in 1897 to  
in 1898 and no explanation  
has been offered of the marked  
crease in mortality under this  
head.

|      |     |
|------|-----|
| 1886 | 196 |
| 1887 | 228 |
| 1888 | 186 |
| 1889 | 208 |
| 1890 | 196 |
| 1891 | 229 |
| 1892 | 315 |
| 1893 | 274 |
| 1894 | 279 |
| 1895 | 277 |
| 1896 | 295 |
| 1897 | 240 |
| 1898 | 143 |

Deaths caused by wild animals.

Wk. (2nd 5th bundle in the order)

|      | Chingleput | N. Arcot | S. Arcot | Tanjore | Trichinopoly | Madurai | Salem | Coimbatore | Total for the year | Total for the year |
|------|------------|----------|----------|---------|--------------|---------|-------|------------|--------------------|--------------------|
| 1898 | 105        | 136      | 261      | 181     | 74           | 118     | 195   | 90         | 1160               | 1487               |
| 1886 | 121        | 161      | 280      | 209     | 53           | 116     | 181   | 61         | 1132               | 1492               |
| 1887 | 95         | 144      | 154      | 176     | 49           | 79      | 145   | 65         | 904                | 1263               |
| 1888 | 108        | 153      | 215      | 199     | 82           | 99      | 107   | 54         | 1019               | 1453               |
| 1889 | 121        | 124      | 220      | 221     | 178          | 92      | 170   | 75         | 1201               | 1587               |
| 1890 | 92         | 171      | 168      | 178     | 70           | 65      | 103   | 63         | 910                | 1424               |
| 1891 | 106        | 156      | 110      | 215     | 61           | 57      | 136   | 45         | 886                | 1433               |
| 1892 | 92         | 136      | 182      | 244     | 51           | 109     | 114   | 45         | 973                | 1455               |
| 1893 | 107        | 131      | 181      | 175     | 128          | 97      | 84    | 44         | 947                | 1498               |
| 1894 | 142        | 145      | 195      | 157     | 131          | 59      | 144   | 87         | 1060               | 1612               |
| 1895 | 109        | 149      | 220      | 178     | 143          | 56      | 163   | 53         | 1071               | 1640               |
| 1896 | 101        | 142      | 239      | 196     | 151          | 102     | 108   | 94         | 1173               | 1869               |
| 1897 | 109        | 129      | 206      | 212     | 160          | 128     | 185   | 107        | 1230               | 1872               |
| 1898 | 82         | 129      | 140      | 189     | 127          | 107     | 77    | 131        | 982                | 1664               |

head. The deaths caused by bears,  
which were limited to the  
two northernmost districts,  
also showed a decrease, but  
the mortality returned <sup>as due</sup> ~~marked~~  
'other animals' rose from 35  
in 1897 to 54 in 1898 or ~~over~~  
~~54 p.c.~~ It is observed from  
Appendix A to the Board's report  
that, in several cases, this is  
due to the requisite details not  
having been furnished by Collectors.  
3. The number of human  
deaths from snake-bite showed  
a marked fall during the year  
under report, having amounted  
to 1664 in 1898 against 1872  
deaths in 1897. It is observed  
that the major portion of the  
deaths from this cause occur  
in the districts of Chingleput,  
N. Arcot, S. Arcot, Tanjore, Trichinopoly,  
Madurai, Salem and  
Coimbatore. The Collectors of  
these districts should direct  
their special attention to the  
causes which lead to the  
heavy loss of life from snake  
bite in their districts. The  
Govt



Govt is glad to note that the instructions regarding the removal of prickly-pea and other noxious vegetation from villages and the neighbourhood of inhabited villages continue to receive the attention of village district officers. The number of villages in which such growth was removed was 2634 in 1898 against 2844 in the preceding year and the expenditure incurred on this account was Rs 20,881 in 1898 against Rs 25,329 in 1897. The statement of expenditure cannot however be regarded as accurate, for some collectors, e.g. in the case of Trichinopoly, appear to have included in the amount the sums spent by the <sup>villagers</sup> for the <sup>removal</sup> of noxious vegetation.

4. Compared with the preceding year, the <sup>No of deaths</sup> mortality among cattle caused by wild animals and snakes during 1898 exhibited an increase of 1123, almost the whole of which was contributed by the districts of South Canara

| No of cattle killed by |               |        |        |
|------------------------|---------------|--------|--------|
|                        | Wild animals. | Snakes | Total  |
| 1897                   | 9,891         | 1,965  | 11,856 |
| 1898                   | 11,583        | 2,076  | 13,659 |
| Increase.              | +1,692        | +131   | +1,823 |

| No of animals killed. |       | Amount disbursed as rewards. | Amount realized by sale of skins. |
|-----------------------|-------|------------------------------|-----------------------------------|
| 1897                  | 1042  | Rs 2,206.4                   | Rs 3,404                          |
| 1898                  | 914   | Rs 1,895.7                   | Rs 2,739                          |
|                       | - 128 | - 308.7                      | - 665                             |

Canara (1016) and Ganjam (652). The collector of the former district however doubts the accuracy of the figures relating to his district and the Board has instructed him to cause a searching inquiry into the matter.

5. During the year under report there was a decrease both in the number of wild animals killed and the amount of rewards disbursed. The amount realized by the sale of skins fell ~~also~~ consequently. The net cost on account of the operations for the destruction of wild animals was Rs 16,218 in 1898 against Rs 18,610 in 1897. The largest number of <sup>many 50 or 60</sup> wild animals destroyed was, as usual, in Ganjam (212) and Vizagapatnam (240), ~~to these districts~~ <sup>being</sup> ~~the~~ <sup>fresh</sup>.

6. The number of licenses issued under the Indian Forest Act (1878) in form XI, for the purpose of the destruction of wild



wild animals was 665; and adding to this 4620 licenses granted in previous years and which remained in force during 1878, the total number of free licenses in force during the year was 5285 against 7438 in the preceding year. Nearly 78 p. c (1674) of this decrease occurs in the South Canara St. The collector ascribes the falling off to the stricter enforcement of the rules regarding the issue of the licenses. The figures relating to the Cuddapah and the Bellary districts are, as observed by the Board of Revs, inaccurate, and the explanation of the discrepancy called for from the collectors of these districts should be submitted to Govt for information. It is observed that the figures reported by collectors in connection with this report still continue to differ from those given in the reports of these officers on the working of the Indian Pines Act. Care should be taken to

|      |      |
|------|------|
| 1878 | 1879 |
| 1093 | 1989 |
| 1093 | 1989 |
| 1093 | 1989 |
| 1093 | 1989 |

|      |      |
|------|------|
| 1878 | 1879 |
| 1093 | 1989 |
| 1093 | 1989 |
| 1093 | 1989 |
| 1093 | 1989 |

Note Reports have been received from the J. D. from the Collectors of Districts. In the case of Vizagapatnam, the number of fresh licenses issued in form is given as 3 against 2 in the present report, in the case of Travancore as 1 against nil in the current report.

See that such discrepancies are not repeated in future reports.

13/4/98

to the Board of Revs. with this report.  
T. D. S.  
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Government {1899} of Madras.  
REVENUE.

Recd.

Regd.

} 1899.

Enclosures

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G.O., Nos. 272, 272A, 25th April 1899.

APRIL.

Destruction of Wild Animals and Snakes.

Reviewing the report on the measures adopted for the — during the calendar year 1898.



## GOVERNMENT OF MADRAS.

## REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue (Land Revenue), No. 73, dated 13th March 1899:—

Read—Collectors' reports on the measures adopted for the destruction of wild animals and for the removal of prickly-pear from village-sites during 1898.

Resolution—No. 73, dated 13th March 1899.

With reference to Government Order, No. 726, Revenue, dated 13th May 1875, the Board submits to Government statements showing the results of the measures adopted for the destruction of wild animals and snakes during the calendar year 1898.

2. The subjoined abstract shows the number of human beings and cattle killed by wild animals and snakes as well as the number of wild animals destroyed and the rewards paid for their destruction during the year under report as compared with the figures for 1897:—

|                                                            | 1897.  | 1898.  | Difference. |
|------------------------------------------------------------|--------|--------|-------------|
| Number of persons killed by—                               |        |        |             |
| (a) Wild animals .. .. .                                   | 240    | 143    | — 97        |
| (b) Snakes .. .. .                                         | 1,872  | 1,664  | — 208       |
| Total .. .. .                                              | 2,112  | 1,807  | — 305       |
| Number of cattle killed by wild animals and snakes .. .. . | 11,856 | 13,679 | + 1,823     |
| Number of wild animals destroyed .. .. .                   | 1,042  | 914    | — 128       |
| Amount of reward paid .. .. .                              | 22,044 | 18,957 | — 3,087     |

It is noteworthy that in most districts there was a considerable decrease in the number of human deaths due to wild animals and snakes and that in the Nilgiri district no such death was reported during the year.

3. The following statement furnishes particulars of the animals by which human deaths were caused during the past two years:—

|                       | 1897. | 1898. |
|-----------------------|-------|-------|
| Elephants .. .. .     | 2     | 1     |
| Tigers .. .. .        | 112   | 59    |
| Leopards .. .. .      | 67    | 13    |
| Bears .. .. .         | 21    | 16    |
| Wolves .. .. .        | 3     | ...   |
| Hyænas .. .. .        | ...   | ...   |
| Other animals .. .. . | 35    | 54    |
| Total .. .. .         | 240   | 143   |

\* The differences between these figures and those entered in the report for 1897, viz., 234, 110 and 63, are due to subsequent alteration reported by the Collector of South Canara.

*Elephants.*—The single death caused by an elephant occurred in the Coimbatore district.

*Tigers.*—Of the 59 deaths caused by tigers, Vizagapatam contributed 45 and Gódvári 4. The number of deaths from this cause in Ganjám fell from 32 in 1897 to nil in 1898; the Collector accounts for this by stating that the season was favourable and consequently the people were not forced to wander about in search of a livelihood to the same extent as in the previous year when distress prevailed.

*Leopards, &c.*—Of human beings killed by leopards, panthers or cheetahs, Vizagapatam, as usual, returned the largest number which, in this instance, was 5. The marked decrease in mortality under this head has not been explained.

*Bears.*—Of the 16 deaths caused by bears, 2 occurred in Ganjám and 14 in Vizagapatam.

*Other animals.*—The Board has excluded a case of death from the sting of a scorpion which has been improperly included in the return for Tinnevely district.

|                      | Number of deaths. |       |
|----------------------|-------------------|-------|
|                      | 1897.             | 1898. |
| Tanjore .. .. .      | 212               | 189   |
| South Arcot .. .. .  | 206               | 140   |
| Coimbatore .. .. .   | 101               | 131   |
| North Arcot .. .. .  | 129               | 129   |
| Trichinopoly .. .. . | 160               | 127   |
| Madura .. .. .       | 128               | 107   |

4. *Death by snake-bite.*—The heaviest losses of life under this head occurred in the districts noted in the margin.

5. Statement B appended to this Resolution exhibits in tabular form the number of villages in which rank undergrowth was removed, the expenditure incurred, and the number of human deaths from snake-bite in these villages as distinguished from those that occurred elsewhere. The reports received from Collectors show that the instructions regarding the removal of prickly-pear and other noxious vegetation from village-sites and the neighbourhood of inhabited villages continue to receive attention. The statement in the margin shows the three districts in which the largest amounts of money have been spent on the removal of rank undergrowth and the number of deaths from snake-bite reported in each of them during the last four years. Except in 1898, when there was a decline throughout the Presidency in the number of deaths from snake-bite,

these districts do not appear to have benefited materially by the large expenditure shown against them. As regards the accuracy of the return of expenditure itself, there seems to be room for doubt, since in Trichinopoly, where so large a sum as Rs. 8,463 is alleged to have been spent in the year under report, the bulk of the amount is said to have been expended by the villagers, and the figure given is presumably based on their verbal reports.

In the statements received from the marginally-noted districts, the number of human deaths from snake-bite shown in columns 6 and 7 of appendix B does not tally with that given in column 10 of appendix A. This is apparently due to

the fact that the Collectors concerned adopted without reconciliation the figures furnished by the Presidents of Taluk Boards in the case of appendix B and by Tahsildars in the case of appendix A. In future the figures should be reconciled before the returns are submitted to the Board. The Board has revised the figures in columns 6 and 7 of appendix B with reference to those in column 10 of appendix A.

6. *Mortality among cattle.*—The statistics of cattle killed by wild animals and snakes are compared below with the figures for 1897:—



Nos. 272, 272A, REVENUE, 25TH APRIL 1899.

|                                           | 1897.  | 1898.  | Difference. |
|-------------------------------------------|--------|--------|-------------|
| 1. Elephant .. .. .                       | 2,627  | 2,993  | + 366       |
| 2. Tigers .. .. .                         | 6,452  | 7,339  | + 887       |
| 3. Leopards, panthers or cheetahs .. .. . | 20     | 2      | - 18        |
| 4. Bears .. .. .                          | 364    | 295    | - 69        |
| 5. Wolves .. .. .                         | 355    | 341    | - 14        |
| 6. Hyænas .. .. .                         | 73     | 613    | + 540       |
| 7. Other animals .. .. .                  |        |        |             |
| Total .. .. .                             | 9,891  | 11,583 | + 1,692     |
| 8. Snakes .. .. .                         | 1,965  | 2,096  | + 131       |
| Grand Total .. .. .                       | 11,856 | 13,679 | + 1,823     |

As usual the two West Coast districts returned the largest number of deaths by tigers and leopards, viz., 5,882 or about 57 per cent. of the total number for the whole Presidency. The greatest increases under deaths of cattle by wild animals occurred in the districts of South Canara, Ganjám, North Arcot and Anantapur. The Collector of South Canara doubts the accuracy of the figures furnished for his district and considers that it can hardly be believed that 4,252 head of cattle were killed by wild animals while only 613 died of disease and from other causes. He states that the circular issued by him last year, directing a careful scrutiny of the returns, has apparently not had the desired effect. He will be requested to examine the matter carefully and take suitable notice of cases of careless report or failure to exercise sufficient scrutiny. In Ganjám, there has been a steady increase\* in the mortality of cattle during the last four years; the Collector states that it is due partly to improved registration and partly to havoc committed among the cattle by two man-eaters. The Collectors of North Arcot and Anantapur have not explained the increases in their districts. In future all Collectors should compare the figures reported every year with those tabulated in previous years and account for differences as far as possible.

*Deaths of cattle by snake-bite.*—The cattle mortality from this cause showed a slight increase. The figures for the last five years are given below:—

|                      | 1895  | 1896  | 1897  | 1898  | Number of cattle killed. |
|----------------------|-------|-------|-------|-------|--------------------------|
| South Canara .. .. . | 3,175 | 4,252 | 4,100 | 4,100 | 151                      |
| Ganjám .. .. .       | 118   | 528   | 410   | 410   | 203                      |
| North Arcot .. .. .  | 631   | 936   | 305   | 305   | 254                      |
| Anantapur .. .. .    | 307   | 462   | 155   | 155   | 906                      |

to havoc committed among the cattle by two man-eaters. The Collectors of North Arcot and Anantapur have not explained the increases in their districts. In future all Collectors should compare the figures reported every year with those tabulated in previous years and account for differences as far as possible.

*Deaths of cattle by snake-bite.*—The cattle mortality from this cause showed a slight increase. The figures for the last five years are given below:—

|              | 1894  | 1895  | 1896  | 1897  | 1898  | Number of cattle killed. |
|--------------|-------|-------|-------|-------|-------|--------------------------|
| 1894 .. .. . | 2,071 | 2,311 | 1,707 | 1,965 | 2,096 | 2,071                    |
| 1895 .. .. . | 2,311 | 1,707 | 1,965 | 2,096 |       | 2,311                    |
| 1896 .. .. . | 1,707 | 1,965 | 2,096 |       |       | 1,707                    |
| 1897 .. .. . | 1,965 | 2,096 |       |       |       | 1,965                    |
| 1898 .. .. . | 2,096 |       |       |       |       | 2,096                    |

7. The following statement compares the number of wild animals destroyed and the amounts disbursed in the shape of rewards for their destruction during the past two years:—

|                                           | 1897.   |         | 1898.   |         | Difference. |         |
|-------------------------------------------|---------|---------|---------|---------|-------------|---------|
|                                           | Number. | Reward. | Number. | Reward. | Number.     | Reward. |
| 1. Elephants .. .. .                      | 110     | 6,237   | 102     | 4,947   | - 8         | - 1,290 |
| 2. Tigers .. .. .                         | 854     | 15,446  | 752     | 13,735  | - 102       | - 1,711 |
| 3. Leopards, panthers or cheetahs .. .. . | 78      | 361     | 59      | 270     | - 19        | - 91    |
| 4. Bears .. .. .                          |         |         |         |         |             |         |
| 5. Wolves .. .. .                         |         |         | 1       | 5       | + 1         | + 5     |
| 6. Hyænas .. .. .                         |         |         |         |         |             |         |
| 7. Other animals .. .. .                  |         |         |         |         |             |         |
| Total .. .. .                             | 1,042   | 22,044  | 914     | 18,957  | - 128       | - 3,087 |

There was a decrease in the number of wild animals killed as well as in the amount of rewards disbursed for their destruction during 1898. The Collector of Vizagapatam ascribes the decrease in the amount of rewards to greater discrimination in granting them. The decrease in the number of animals destroyed in Nellore is attributed to the shikaris not having renewed their licenses, but the failure to renew such licenses has not been accounted for. The explanation furnished by the Collector of Ganjám is referred to in paragraph 9 below; the other Collectors have not explained the decrease in the number of wild animals killed in their districts.

As usual, the largest numbers of animals were destroyed in Ganjám and Vizagapatam, where the figures were 212 and 240 against 247 and 258, respectively, in 1897.

In Tinnevely, a reward of Rs. 5 is reported to have been paid for killing a hyæna. The Collector's attention will be drawn to the rule that no reward should be paid in this Presidency for the destruction of hyænas.

8. *Disposal of skins of wild animals.*—The statement given below shows the expenditure incurred in the payment of rewards, the amounts realized by the sale of skins, and the net cost to the State of the operations for the extermination of wild animals:—

| Districts.           | Amount paid as rewards in 1898. | Amount realized by the sale of skin. | Net cost to Government. |
|----------------------|---------------------------------|--------------------------------------|-------------------------|
|                      | RS.                             | RS.                                  | RS.                     |
| Ganjám .. .. .       | 3,473                           | 593                                  | 2,880                   |
| Vizagapatam .. .. .  | 5,721                           | 355                                  | 5,366                   |
| Gódvári .. .. .      | 1,760                           | 346                                  | 1,414                   |
| Kistna .. .. .       | 335                             | 71                                   | 264                     |
| Nellore .. .. .      | 74                              | 7                                    | 67                      |
| Cuddapah .. .. .     | 587                             | 114                                  | 473                     |
| Anantapur .. .. .    | 118                             | 12                                   | 106                     |
| Bellary .. .. .      | 286                             | 45                                   | 241                     |
| Kurnool .. .. .      | 666                             | 99                                   | 567                     |
| Madras .. .. .       | 25                              | 4                                    | 21                      |
| Chingleput .. .. .   | 765                             | 156                                  | 609                     |
| North Arcot .. .. .  | 783                             | 102                                  | 681                     |
| South Arcot .. .. .  |                                 |                                      |                         |
| Tanjore .. .. .      | 175                             | 8                                    | 167                     |
| Trichinopoly .. .. . | 107                             | 13                                   | 89                      |
| Madura .. .. .       | 35                              | 9                                    | 26                      |
| Tinnevely .. .. .    | 343                             | 130                                  | 213                     |
| Coimbatore .. .. .   | 770                             | 156                                  | 614                     |
| Nilgiris .. .. .     | 737                             | 192                                  | 545                     |
| Salem .. .. .        | 1,268                           | 84                                   | 1,184                   |
| South Canara .. .. . | 929                             | 238                                  | 691                     |
| Malabar .. .. .      |                                 |                                      |                         |
| Total .. .. .        | 18,957                          | 2,739                                | 16,218                  |

9. The total number of licenses issued under the Indian Arms Act in Form XI for the purposes of the destruction of wild animals or the protection of crops amounted to 5,285 against 7,438\* in 1897. The reduction occurred mainly in Ganjám, Cuddapah and South Canara. The Collector of Ganjám attributes the decrease to want of energy among the shikaris engaged in the destruction of wild animals, while the Collector of Cuddapah explains it as due to the fact that people prefer to take out licenses in Form VIII which covers all purposes including self-protection. The Collector of South Canara ascribes the falling off in his district to the stricter enforcement of the rules regarding the issue of such licenses. The rules referred to are presumably those mentioned in the Collector's explanation submitted to Government with Board's Proceedings, No. 3206, dated 26th August 1897, viz., that licenses in Form XI should be initialled annually by the Magistrate and that the weapon must not be carried to a considerable distance beyond the limits of the places named. The number of licenses in Form XI issued in Cuddapah and Bellary during 1897 was 157 and 4, respectively; as these licenses

\* The figure reported last year was 7,251, but it has been altered to 7,438 on the receipt of revised reports from the Collectors of Cuddapah and Bellary.



would be in force for five years, it is not understood why in the return for 1898 the number granted in previous years and still in force in those districts is shown as 28 and 3, respectively. The Collectors concerned are requested to explain the discrepancies.

10. Notwithstanding the extension of time allowed in Board's Proceedings, No. 295, dated 8th November 1898, for the submission of these returns, the Board regrets to observe that most Collectors have failed to submit their reports on the due date, viz., the 10th ultimo, the districts noted in the margin being the only exceptions to this remark. The last report was that received from the Nilgiris on the 21st ultimo.

1. Vizagapatam.
2. Madras.
3. North Arcot.
4. South Arcot.

5. Tanjore.
6. Madura.
7. Malabar.

(True Copy and Extract.)

(Signed) LIONEL DAVIDSON,  
Acting Secretary.

To the Secretary to Government, Revenue Department,  
„ all Collectors.  
„ the Director-General of Statistics (with two copies of Appendices A and B).

## APPENDIX A.

| Districts.          | Number of persons killed |         |                                 |        |         |         |                |        |            |              |
|---------------------|--------------------------|---------|---------------------------------|--------|---------|---------|----------------|--------|------------|--------------|
|                     | By wild animals.         |         |                                 |        |         |         |                |        | By snakes. | Grand total. |
|                     | Elephants.               | Tigers. | Leopards, panthers or cheetahs. | Bears. | Wolves. | Hyenas. | Other animals. | Total. |            |              |
| 1                   | 2                        | 3       | 4                               | 5      | 6       | 7       | 8              | 9      | 10         | 11           |
| 1. Ganjám ..        | ..                       | ..      | 5                               | 14     | ..      | ..      | (a) 28         | 30     | 49         | 79           |
| 2. Vizagapatam ..   | ..                       | 45      | 1                               | ..     | ..      | ..      | (b) 2          | 66     | 55         | 121          |
| 3. Gódvári ..       | ..                       | 4       | 1                               | ..     | ..      | ..      | (c) 4          | 9      | 79         | 88           |
| 4. Kistna ..        | ..                       | ..      | ..                              | ..     | ..      | ..      | (e) 5          | 6      | 87         | 93           |
| 5. Nellore ..       | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 36         | 36           |
| 6. Cuddapah ..      | ..                       | ..      | 1                               | ..     | ..      | ..      | (a) 3          | 4      | 22         | 22           |
| 7. Anantapur ..     | ..                       | ..      | ..                              | ..     | ..      | ..      | (a) 9          | 9      | 32         | 36           |
| 8. Bellary ..       | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 26         | 35           |
| 9. Kurnool ..       | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 30         | 30           |
| 10. Madras ..       | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 2          | 2            |
| 11. Chingleput ..   | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 82         | 82           |
| 12. North Arcot ..  | ..                       | 1       | ..                              | ..     | ..      | ..      | ..             | 1      | 129        | 130          |
| 13. South Arcot ..  | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 140        | 140          |
| 14. Tanjore ..      | ..                       | ..      | 1                               | ..     | ..      | ..      | (a) 2          | 3      | 189        | 189          |
| 15. Trichinopoly .. | ..                       | ..      | 2                               | ..     | ..      | ..      | ..             | ..     | 127        | 130          |
| 16. Madura ..       | ..                       | 2       | 2                               | ..     | ..      | ..      | ..             | 4      | 107        | 111          |
| 17. Tinnevely ..    | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 103        | 103          |
| 18. Coimbatore ..   | 1                        | ..      | 2                               | ..     | ..      | ..      | ..             | 3      | 131        | 134          |
| 19. Nilgiris ..     | ..                       | ..      | ..                              | ..     | ..      | ..      | ..             | ..     | 77         | 80           |
| 20. Salem ..        | ..                       | 3       | ..                              | ..     | ..      | ..      | (a) 1          | 4      | 90         | 94           |
| 21. South Canara .. | ..                       | 3       | ..                              | ..     | ..      | ..      | ..             | 1      | 71         | 72           |
| 22. Malabar ..      | ..                       | 1       | ..                              | ..     | ..      | ..      | ..             | ..     | ..         | ..           |
| Total ..            | 1                        | 59      | 13                              | 16     | ..      | ..      | 54             | 143    | 1,664      | 1,807        |

| Districts.          | Number of cattle killed |         |                                 |        |         |         |                |         |            |              |
|---------------------|-------------------------|---------|---------------------------------|--------|---------|---------|----------------|---------|------------|--------------|
|                     | By wild animals.        |         |                                 |        |         |         |                |         | By snakes. | Grand total. |
|                     | Elephants.              | Tigers. | Leopards, panthers or cheetahs. | Bears. | Wolves. | Hyenas. | Other animals. | Total.  |            |              |
|                     | 12                      | 13      | 14                              | 15     | 16      | 17      | 18             | 19      | 20         | 21           |
| 1. Ganjám ..        | ..                      | ..      | 30                              | 55     | ..      | 3       | 1              | (a) 443 | 528        | 906          |
| 2. Vizagapatam ..   | ..                      | ..      | 109                             | 82     | ..      | 1       | ..             | (a) 4   | 195        | 221          |
| 3. Gódvári ..       | ..                      | ..      | 156                             | 46     | ..      | ..      | (d) 1          | 207     | 208        | 415          |
| 4. Kistna ..        | ..                      | ..      | 38                              | 73     | ..      | 8       | ..             | 112     | 176        | 288          |
| 5. Nellore ..       | ..                      | ..      | ..                              | 88     | ..      | ..      | (e) 70         | 96      | 115        | 211          |
| 6. Cuddapah ..      | ..                      | ..      | 33                              | 379    | ..      | 128     | 30             | 610     | 13         | 653          |
| 7. Anantapur ..     | ..                      | ..      | 12                              | 417    | ..      | 33      | ..             | 462     | 31         | 493          |
| 8. Bellary ..       | ..                      | ..      | ..                              | 85     | ..      | 1       | ..             | 92      | 22         | 114          |
| 9. Kurnool ..       | ..                      | ..      | 70                              | 277    | ..      | 40      | 6              | 395     | 50         | 445          |
| 10. Madras ..       | ..                      | ..      | ..                              | ..     | ..      | ..      | (f) 2          | ..      | ..         | ..           |
| 11. Chingleput ..   | ..                      | ..      | ..                              | 8      | ..      | 1       | ..             | 9       | 281        | 290          |
| 12. North Arcot ..  | ..                      | ..      | ..                              | ..     | ..      | ..      | ..             | 936     | 250        | 1,186        |
| 13. South Arcot ..  | ..                      | ..      | ..                              | 936    | ..      | ..      | (f) 3          | 83      | 50         | 133          |
| 14. Tanjore ..      | ..                      | ..      | ..                              | 80     | ..      | ..      | (g) 4          | 4       | 97         | 101          |
| 15. Trichinopoly .. | ..                      | ..      | ..                              | ..     | ..      | ..      | (g) 64         | 88      | 75         | 163          |
| 16. Madura ..       | ..                      | ..      | ..                              | 24     | ..      | 2       | (h) 7          | 281     | 58         | 339          |
| 17. Tinnevely ..    | ..                      | ..      | ..                              | 51     | ..      | 6       | (i) 3          | 54      | 91         | 145          |
| 18. Coimbatore ..   | ..                      | ..      | ..                              | 36     | ..      | 1       | ..             | 733     | 27         | 760          |
| 19. Nilgiris ..     | ..                      | ..      | ..                              | 415    | ..      | 1       | ..             | 231     | 3          | 234          |
| 20. Salem ..        | ..                      | ..      | ..                              | 62     | ..      | 41      | 10             | 229     | 41         | 270          |
| 21. South Canara .. | ..                      | ..      | ..                              | 174    | ..      | 1       | (a) 4          | 4,252   | 19         | 4,271        |
| 22. Malabar ..      | ..                      | ..      | ..                              | 701    | 3,549   | 2       | 3              | 1,956   | 85         | 2,041        |
| Total ..            | ..                      | ..      | 2,993                           | 7,339  | 2       | 295     | 341            | 613     | 11,583     | 13,679       |

- (a) Particulars not furnished.  
 (c) One by a mad jackal, one by a mad dog, particulars not known for the remainder.  
 (d) Information called for from the Tahsildar concerned.  
 (g) By jackals.  
 (i) One by a wild pig and two by jackals.

- (b) By wild boars.  
 (d) By one deer.  
 (f) By crocodiles.  
 (h) By foxes.  
 (j) One by a crocodile and no information about the other.



## APPENDIX A—cont.

| Number of animals destroyed and the amount of reward paid for their destruction. |            |                   |         |                   |                                  |                   |        |                   |         |                   |
|----------------------------------------------------------------------------------|------------|-------------------|---------|-------------------|----------------------------------|-------------------|--------|-------------------|---------|-------------------|
|                                                                                  | Elephants. | Amount of reward. | Tigers. | Amount of reward. | Leopards, panthers, or cheetahs. | Amount of reward. | Bears. | Amount of reward. | Wolves. | Amount of reward. |
|                                                                                  | 22         | 23                | 24      | 25                | 26                               | 27                | 28     | 29                | 30      | 31                |
| 1. Ganjām .. .. .                                                                | ..         | ..                | 10      | Rs. 260           | 175                              | 3,092             | 27     | Rs. 121           | ..      | ..                |
| 2. Vizagapatam .. .. .                                                           | ..         | ..                | 45      | 2,703             | 175                              | 2,923             | 20     | 95                | ..      | ..                |
| 3. Gódvári .. .. .                                                               | ..         | ..                | 10      | 550               | 59                               | 1,180             | 6      | 30                | ..      | ..                |
| 4. Kistna .. .. .                                                                | ..         | ..                | 3       | 84                | 18                               | 246               | 1      | 5                 | ..      | ..                |
| 5. Nellore .. .. .                                                               | ..         | ..                | ..      | ..                | 5                                | 74                | ..     | ..                | ..      | ..                |
| 6. Cuddapah .. .. .                                                              | ..         | ..                | 1       | ..                | 34                               | 587               | ..     | ..                | ..      | ..                |
| 7. Anantapur .. .. .                                                             | ..         | ..                | ..      | ..                | 8                                | 118               | ..     | ..                | ..      | ..                |
| 8. Bellary .. .. .                                                               | ..         | ..                | 1       | 50                | 11                               | 232               | 1      | 4                 | ..      | ..                |
| 9. Kurnool .. .. .                                                               | ..         | ..                | 2       | 70                | 29                               | 596               | ..     | ..                | ..      | ..                |
| 10. Madras .. .. .                                                               | ..         | ..                | ..      | ..                | ..                               | ..                | ..     | ..                | ..      | ..                |
| 11. Chingleput .. .. .                                                           | ..         | ..                | ..      | ..                | 1                                | 25                | ..     | ..                | ..      | ..                |
| 12. North Arcot .. .. .                                                          | ..         | ..                | 1       | 35                | 40                               | 725               | 1      | 5                 | ..      | ..                |
| 13. South Arcot .. .. .                                                          | ..         | ..                | ..      | ..                | 37                               | 778               | 1      | 5                 | ..      | ..                |
| 14. Tanjore .. .. .                                                              | ..         | ..                | ..      | ..                | ..                               | ..                | ..     | ..                | ..      | ..                |
| 15. Trichinopoly .. .. .                                                         | ..         | ..                | ..      | ..                | 8                                | 175               | ..     | ..                | ..      | ..                |
| 16. Madura .. .. .                                                               | ..         | ..                | 1       | 25                | 4                                | (a) 82            | ..     | ..                | ..      | ..                |
| 17. Tinnevely .. .. .                                                            | ..         | ..                | ..      | ..                | 2                                | 30                | ..     | ..                | ..      | ..                |
| 18. Coimbatore .. .. .                                                           | ..         | ..                | ..      | ..                | 16                               | 308               | ..     | ..                | ..      | ..                |
| 19. Nilgiris .. .. .                                                             | ..         | ..                | 14      | 385               | 24                               | 380               | 2      | 5                 | ..      | ..                |
| 20. Salem .. .. .                                                                | ..         | ..                | ..      | ..                | 37                               | 737               | ..     | ..                | ..      | ..                |
| 21. South Canara .. .. .                                                         | ..         | ..                | 7       | 410               | 40                               | 858               | ..     | ..                | ..      | ..                |
| 22. Malabar .. .. .                                                              | ..         | ..                | 6       | 340               | 29                               | 589               | ..     | ..                | ..      | ..                |
| Total .. .. .                                                                    | ..         | ..                | 102     | 4,947             | 752                              | 13,735            | 59     | 270               | ..      | ..                |

Number of animals destroyed and the amount of reward paid for their destruction—cont.

Licenses issued under the Indian Arms Act, 1878, in Form XI, free of cost, for the purpose of destruction of wild animals or protection of crops.

|                          | Hyenas. | Amount of reward. | Other animals. | Amount of reward. | Total. | Amount of reward. | Number of licenses granted during the year. | Number grant in previous year and still in force. | Total. |
|--------------------------|---------|-------------------|----------------|-------------------|--------|-------------------|---------------------------------------------|---------------------------------------------------|--------|
|                          | 32      | 33                | 34             | 35                | 36     | 37                | 38                                          | 39                                                | 40     |
| 1. Ganjām .. .. .        | ..      | ..                | ..             | ..                | 212    | 3,473             | ..                                          | 12                                                | 12     |
| 2. Vizagapatam .. .. .   | ..      | ..                | ..             | ..                | 240    | 5,721             | 2                                           | 8                                                 | 10     |
| 3. Gódvári .. .. .       | ..      | ..                | ..             | ..                | 75     | 1,760             | ..                                          | ..                                                | ..     |
| 4. Kistna .. .. .        | ..      | ..                | ..             | ..                | 22     | 335               | ..                                          | ..                                                | ..     |
| 5. Nellore .. .. .       | ..      | ..                | ..             | ..                | 5      | 74                | ..                                          | ..                                                | ..     |
| 6. Cuddapah .. .. .      | ..      | ..                | ..             | ..                | 35     | 587               | 18                                          | 28                                                | 46     |
| 7. Anantapur .. .. .     | ..      | ..                | ..             | ..                | 8      | 118               | 1                                           | ..                                                | 1      |
| 8. Bellary .. .. .       | ..      | ..                | ..             | ..                | 13     | 286               | ..                                          | 3                                                 | 3      |
| 9. Kurnool .. .. .       | ..      | ..                | ..             | ..                | 31     | 666               | 1                                           | ..                                                | 1      |
| 10. Madras .. .. .       | ..      | ..                | ..             | ..                | ..     | ..                | ..                                          | ..                                                | ..     |
| 11. Chingleput .. .. .   | ..      | ..                | ..             | ..                | 1      | 25                | ..                                          | ..                                                | ..     |
| 12. North Arcot .. .. .  | ..      | ..                | ..             | ..                | 42     | 765               | ..                                          | ..                                                | ..     |
| 13. South Arcot .. .. .  | ..      | ..                | ..             | ..                | 38     | 783               | ..                                          | ..                                                | ..     |
| 14. Tanjore .. .. .      | ..      | ..                | ..             | ..                | ..     | ..                | ..                                          | ..                                                | ..     |
| 15. Trichinopoly .. .. . | ..      | ..                | ..             | ..                | 8      | 175               | ..                                          | ..                                                | ..     |
| 16. Madura .. .. .       | ..      | ..                | ..             | ..                | 5      | 107               | ..                                          | 1                                                 | 1      |
| 17. Tinnevely .. .. .    | 1       | 5                 | ..             | ..                | 3      | 35                | ..                                          | 2                                                 | 2      |
| 18. Coimbatore .. .. .   | ..      | ..                | ..             | ..                | 17     | 343               | ..                                          | 370                                               | 370    |
| 19. Nilgiris .. .. .     | ..      | ..                | ..             | ..                | 40     | 770               | 146                                         | 599                                               | 745    |
| 20. Salem .. .. .        | ..      | ..                | ..             | ..                | 37     | 737               | 426                                         | 899                                               | 1,325  |
| 21. South Canara .. .. . | ..      | ..                | ..             | ..                | 47     | 1,268             | 8                                           | 2,542                                             | 2,540  |
| 22. Malabar .. .. .      | ..      | ..                | ..             | ..                | 35     | (b) 929           | 63                                          | 166                                               | 229    |
| Total .. .. .            | 1       | 5                 | ..             | ..                | 914    | 18,957            | 665                                         | 4,620                                             | 5,285  |

(a) This includes the reward of Rs. 15 paid for a panther killed last year.

(b) This excludes Rs. 30 paid on account of carriage charge.

## APPENDIX B.

| Districts.               | Total number of villages. | Number of villages in which rank undergrowth was removed. | Amount spent in removing undergrowth |                        | Number of human deaths from snake bite. |                    |
|--------------------------|---------------------------|-----------------------------------------------------------|--------------------------------------|------------------------|-----------------------------------------|--------------------|
|                          |                           |                                                           | In the year under report.            | In previous years (c). | In villages referred to in column 3.    | In other villages. |
| 1                        | 2                         | 3                                                         | 4                                    | 5                      | 6                                       | 7                  |
|                          |                           |                                                           | RS.                                  | RS.                    |                                         |                    |
| 1. Ganjām .. .. .        | (a) 4,295                 | 55                                                        | 33                                   | 2,693                  | ..                                      | 49                 |
| 2. Vizagapatam .. .. .   | (b) 2,669                 | 121                                                       | 747                                  | (b) 4,108              | ..                                      | 55                 |
| 3. Gódvári .. .. .       | (a) 2,630                 | 8                                                         | 491                                  | 945                    | 2                                       | 77                 |
| 4. Kistna .. .. .        | 1,862                     | 21                                                        | 950                                  | 3,518                  | Details not furnished.                  | ..                 |
| 5. Nellore .. .. .       | 1,426                     | 25                                                        | 2,353                                | 5,829                  | ..                                      | 36                 |
| 6. Cuddapah .. .. .      | 1,295                     | 23                                                        | 351                                  | 2,122                  | Details not furnished.                  | ..                 |
| 7. Anantapur .. .. .     | 965                       | 2                                                         | 80                                   | 687                    | 29                                      | 3                  |
| 8. Bellary .. .. .       | (a) 963                   | 2                                                         | 17                                   | 25                     | Details not furnished.                  | ..                 |
| 9. Kurnool .. .. .       | 799                       | 3                                                         | 4                                    | 320                    | 1                                       | 29                 |
| 10. Madras .. .. .       | 17                        | 17                                                        | 737                                  | 2,147                  | 2                                       | ..                 |
| 11. Chingleput .. .. .   | 2,072                     | 42                                                        | 1,357                                | 16,687                 | 6                                       | 76                 |
| 12. North Arcot .. .. .  | 3,554                     | 99                                                        | 141                                  | 3,823                  | ..                                      | 129                |
| 13. South Arcot .. .. .  | (b) 2,712                 | 751                                                       | 740                                  | (b) 4,270              | ..                                      | 140                |
| 14. Tanjore .. .. .      | 1,443                     | 52                                                        | 395                                  | 1,190                  | 1                                       | 188                |
| 15. Trichinopoly .. .. . | (a) 967                   | 291                                                       | 8,463                                | 23,713                 | 21                                      | 106                |
| 16. Madura .. .. .       | 4,103                     | 39                                                        | 158                                  | 1,530                  | ..                                      | 107                |
| 17. Tinnevely .. .. .    | 1,623                     | 3                                                         | 45                                   | 2,651                  | Details not furnished.                  | ..                 |
| 18. Coimbatore .. .. .   | (a) 1,498                 | 59                                                        | 885                                  | 3,169                  | Details not furnished.                  | ..                 |
| 19. The Nilgiris .. .. . | 48                        | 1                                                         | 108                                  | 70                     | ..                                      | ..                 |
| 20. Salem .. .. .        | 3,492                     | 52                                                        | 1,970                                | 8,093                  | 2                                       | 75                 |
| 21. South Canara .. .. . | 1,284                     | 941                                                       | ..                                   | ..                     | ..                                      | 90                 |
| 22. Malabar .. .. .      | 437                       | 27                                                        | 56                                   | 147                    | ..                                      | 71                 |
| Total .. .. .            | 40,154                    | 2,634                                                     | 20,081                               | 87,737                 | 64                                      | 1,231              |

(a) The differences between these and last year's figures have not been explained.

(b) The differences between these and last year's figures are due to the inclusion of villages within municipal limits and the amount spent for the removal of undergrowth therein.

(c) The figures in this column have been revised with reference to those of the last year wherever the variations have not been explained by Collectors.

ORDER—No 272, Revenue, dated 25th April 1899.

## Miscellaneous.

With the above Proceedings, the Board of Revenue submits its report on the measures adopted for the destruction of wild animals and snakes during the calendar year 1898. The Government notes with satisfaction that, notwithstanding the late receipt of the Collectors' returns from several districts, the Board's report was punctually submitted to Government on the 15th March, the due date.

2. The number of persons killed by wild animals during the year under report was 143 or 97 less than in the preceding year, and is the lowest on record since 1886. As usual, the largest number of deaths (over 41 per cent.) were caused by tigers. In the district of Vizagapatam alone tigers killed 45 persons. The deaths caused by leopards, panthers and cheetahs fell from 67 in 1897 to 13 in 1898, and no explanation has been offered of the marked decrease in the mortality. The deaths caused by bears, occurred in the

two northernmost districts only and showed a decrease. The mortality returned as due to "other animals" rose from 35 in 1897 to 54 in 1898. It is observed from column 8 of Appendix A to the Board's report that, in several cases, sufficient care has not been taken by Collectors to ascertain the species of animal which caused the death.

|              | Deaths caused by wild animals. |
|--------------|--------------------------------|
| 1886 .. .. . | 196                            |
| 1887 .. .. . | 228                            |
| 1888 .. .. . | 186                            |
| 1889 .. .. . | 205                            |
| 1890 .. .. . | 196                            |
| 1891 .. .. . | 229                            |
| 1892 .. .. . | 315                            |
| 1893 .. .. . | 274                            |
| 1894 .. .. . | 279                            |
| 1895 .. .. . | 277                            |
| 1896 .. .. . | 295                            |
| 1897 .. .. . | 240                            |
| 1898 .. .. . | 143                            |



3. The number of human deaths from snake-bite showed a marked fall during the year under report, being 1,664 in 1898 against 1,872 deaths in 1897. It is observed that most of the deaths from this cause occur in the districts of Chingleput, North Arcot, South Arcot, Tanjore, Trichinopoly, Madura, Salem and Coimbatore. The Government is glad to note that the instructions regarding the removal of prickly-pear and other noxious vegetation from village-sites and the neighbourhood of inhabited villages continue to receive the attention of District-officers. The number of villages in which such growth was removed was 2,634 in 1898 against 2,844 in the preceding year, and the public expenditure incurred on this account was Rs. 20,081 in 1898 against Rs. 25,329 in 1897. The statement of expenditure cannot, however, be regarded as accurate, for some Collectors, *e.g.*, in the case of Trichinopoly, appear to have included in the amount the sums spent by the villagers themselves.

4. Compared with the preceding year,

|             | Number of cattle killed by |         | Total.  |
|-------------|----------------------------|---------|---------|
|             | Wild animals.              | Snakes. |         |
| 1897 .. ..  | 9,891                      | 1,965   | 11,856  |
| 1898 .. ..  | 11,583                     | 2,096   | 13,679  |
| Increase .. | + 1,692                    | + 131   | + 1,823 |

the number of deaths among cattle caused by wild animals and snakes during 1898 exhibited an increase of 1,823, almost the whole of which occurred in the districts of South Canara (1,086) and Ganjam (652). The Collector of the former district, however, doubts the accuracy of the figures relating to his district, and the Board has instructed him to make a searching inquiry into the matter.

5. During the year under report,

|             | Number of animals killed. | Amount disbursed as rewards. | Amount realized by sale of skins. |
|-------------|---------------------------|------------------------------|-----------------------------------|
|             |                           | Rs.                          | Rs.                               |
| 1897 .. ..  | 1,042                     | 22,044                       | 3,404                             |
| 1898 .. ..  | 914                       | 18,957                       | 2,739                             |
| Decrease .. | - 128                     | - 3,087                      | - 665                             |

there was a decrease both in the number of wild animals killed and the amount of rewards disbursed. The amount realized by the sale of skins fell in consequence. The net cost on account of the operations for the destruction of wild animals was Rs. 16,218 in 1898 against Rs. 18,640 in 1897. The largest number of wild animals destroyed was, as usual, in Ganjam (212) and Vizagapatam (240).

6. The number of fresh licenses issued under the Indian Arms Act (1878) in Form XI for the purpose of the destruction of wild animals was 665; and adding to this 4,620 licenses granted in previous years and which remained in force during 1898, the total number of free licenses in force during the year was 5,285 against 7,438 in the preceding year. Nearly 78 per cent. (1,674) of this decrease occurs in the South Canara district. The Collector ascribes the falling off to the stricter enforcement of the rules regarding the issue of the licenses. The figures relating to the Cuddapah and the Bellary districts are, as observed by the Board of Revenue, inaccurate. It is observed that the figures reported by Collectors in connection with this report still continue to differ from those given in the reports of these officers on the working of the Indian Arms Act. Care should be taken to reconcile such discrepancies as far as possible in future reports.

(True Extract.)

(Signed) G. S. FORBES,  
Secretary to Government.

To the Board of Revenue (Land Revenue), with Collectors' reports.  
" the Judicial Department.  
" the Public Department.  
" the Local and Municipal Department.  
Copy to the Board of Revenue (Separate Revenue).

Endorsement No. 272A.

Copy to the Government of India, Home Department.

(Signed) N. E. MARJORIBANKS,  
Ag. Under Secretary to Government.

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|             | Number of cattle killed by |         | Total.  |
|-------------|----------------------------|---------|---------|
|             | Wild animals.              | Snakes. |         |
| 1897 .. ..  | 9,891                      | 1,965   | 11,856  |
| 1898 .. ..  | 11,583                     | 2,096   | 13,679  |
| Increase .. | + 1,692                    | + 131   | + 1,823 |

|             | Number of animals killed. | Amount disbursed as rewards. | Amount realized by sale of skins. |
|-------------|---------------------------|------------------------------|-----------------------------------|
|             |                           | Rs.                          | Rs.                               |
| 1897 .. ..  | 1,042                     | 22,044                       | 3,404                             |
| 1898 .. ..  | 914                       | 18,957                       | 2,739                             |
| Decrease .. | - 128                     | - 3,087                      | - 665                             |

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(True Extract.)

(Signed) G. S. FORBES,  
Secretary to Government.

Exd. A. Rangaswamy Aiyangar.



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