

**A Study on Prevalence of Various Diseases of Animal in
Doublemooring Thana Under Chittagong District**



A Clinical report submitted by

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Chittagong Veterinary and Animal Sciences University.

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A Clinical Report Submitted as per approved style and content

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ABSTRACT

This investigation was conducted at Thana Livestock Office, Doublemooring, Chittagong to determine the general clinical prevalence of diseases and disorder in livestock and birds. The study period was 8 weeks starting from May to July, 2013. A total of 371 animals including 174 goat, 23 sheep and 174 pigeon was available during that period. The animal diseases were categorized into four classes namely parasitic, bacterial, viral and others (multi-factorial) diseases. The diseases were diagnosed tentatively using anamnesis. Parasitic infestations were predominant for all species followed by multi-factorial (others), bacterial and viral diseases, respectively. The prevalence of parasitic, bacterial, viral and others diseases in goats were 30.5%, 4.1 %, 40.2%, 13.8%, respectively. On the other hand, the prevalence of protozoal, viral and others diseases in sheep were 7.7%, 47.8%, 7.7%. Moreover the prevalence of bacterial, viral and others diseases in pigeon were 2.3%, 78.7%, 18.9%, respectively. In summary, the present finding suggests that pigeon was more susceptible with ND in the study area.

Key words: Prevalence, Parasitic infestation, Bacterial diseases, Newcastle disease and Pigeon