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ABSTRACTS



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5.39 POPULATION DYNAMICS OF LINOGNATHUS VITULI LINNE. ON THE CATTLES
OF DEHRA DUN REGION

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KEY WORDS : Linognathus vituli, cattle, population dynamics.

Incidence of infestation of Linognathus vituli on the cattle belonging to certain localities of Dehra Dun has been recorded through survey work. Seasonal changes in population of louse and its distribution on the body of host has also been discussed in the present paper.

5.40 SPECTRUM OF HELMINTHIASIS AMONG GOAT AND SHEEP IN MEGHALAYA

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KEY WORDS : Helminths, goat, sheep, Meghalaya

Prevalence of helminthiasis among goat and sheep was investigated in the four district headquarters of Meghalaya. Of the 975 animals, examined 49.94%, 83.17% and 27.03% were infected with trematodes, nematodes and cestodes, respectively. A total of 9 species of trematode, 5 species of nematode and 5 species of cestode were recovered. Of the various helminths recovered, Paramphistomum epiclitum (29.23%), Haemonchus contortus (50.36%), and Cysticercus tenuicollis (29.29%) appear as most commonly occurring species. Amongst trematodes, Calicophoron shillongensis sp.n. appeared as a hitherto undescribed species of paramphistome from the rumen of Capra hircus in Shillong. The new species is distinguished from all the other members of the genus by the structure of terminal genitalium (large ventral atrium with no ventral sphincter, weak genital papilla, and wall of ventral atrium having no papillae) and acetabulum (of Cotylophoron type), and in having domed ciliated papillae in the buccal region.

5.41 INCIDENCE

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KEY WORDS : Pr

A
of Rhacophorus
and R. limnochar
species of pro
Cepedea sp.,
and Eimeria sp.
sp. and Haemoc
O. obtrigonoidea
species. All the
from Meghalaya.

5.42 EXPERIMEN

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Faculty of Veterin
Bidhan Chandra K
Mohanpur, Nadia

KEY WORDS : J.C

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chicken, pigeon
workers. In the
habitat were infec
day 2 PI one b
different organs
279 larvae were
The study is in
sparrow.