

SOME SPECIES OF COCCIDIA (*Eimeria*) IDENTIFIED  
FROM RABBITS, PIGS, GOATS, CATTLE AND BUFFALOES

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Coccidia cause diarrhoea and some times death in farm animals. Only a few studies have been done on coccidia species of farm animals in Sri Lanka. Studies were directed to identify the coccidia species parasitising rabbits, pigs, goats, cattle and buffaloes in Uda-Peradeniya University farm in Kandy. Faecal samples taken from these animals were subjected to sugar flotation and the oocysts were sporulated in 2.5% potassium dichromate solution. Morphological studies of sporulated oocysts were carried out for species confirmation. A total of 28 species of *Eimeria* were identified. 8 species of *Eimeria* namely *E. parva*, *E. pallica*, *E. arloingi*, *E. faurei* and *E. ab-Sa-ta* from goats and *E. zuernii*, *E. bovis* and *E. ellipsoidalis* from cattle were documented previously by other workers. Given below is a list of 20 species of *Eimeria* that have been identified in this study.

Host	Species of <i>Eimeria</i>
Rabbits	<u><i>Eimeria stiedai</i></u>
Pigs	<u><i>Eimeria debliciecki</i></u>
	<u><i>Eimeria neodebliciecki</i></u>
	<u><i>Eimeria porci</i></u>
	<u><i>Eimeria scabra</i></u>
Goats	<u><i>Eimeria jolchijeve</i></u>
	<u><i>Eimeria hirci</i></u>
	<u><i>Eimeria ninakohlyakimovae</i></u>
Cattle	<u><i>Eimeria subspherica</i></u>
	<u><i>Eimeria cylindrica</i></u>
	<u><i>Eimeria auburnensis</i></u>
Buffaloes	<u><i>Eimeria subspherica</i></u>
	<u><i>Eimeria ellipsoidalis</i></u>
	<u><i>Eimeria zuernii</i></u>
	<u><i>Eimeria cylindrica</i></u>
	<u><i>Eimeria bovis</i></u>
	<u><i>Eimeria bareillyi</i></u>
	<u><i>Eimeria canadensis</i></u>
	<u><i>Eimeria auburnensis</i></u>
<u><i>Eimeria ankarensis</i></u>	

This investigation received financial support from the University of Peradeniya research grant R.G./74/86/M.

10th Dec. 1987 (Thursday) 9.00 a.m. - 9.15 a.m.