Some helminthic parasites recovered from domesticated animals (excluding equines) in Panama. A. O. Foster, Gorgas Memorial Laboratory, Panama, R. P.

Of the helminths infecting domesticated animals in Panama, only those from equines have been reported with a degree of completeness (Foster, 1936). It has therefore seemed desirable to record the following species which the author has recovered from time to time during recent years from other domesticated animals:
FOWL


SHEEP

Paramphistomum cervi, Oesophagostomum columbianum, Syngamus sp.

GOAT

Oesophagostomum columbianum, O. venulosum.

CATTLE

Fasciola hepatica, Paramphistomum cervi, Moniezia sp., *Cysticercus bovis, Mecistocirrus digitatus, *Setaria cervi.

SWINE


DOG


CAT

Diphyllolothrium mansoni, Dipylidium caninum, Toxocara mystax, Contra- cecum sp., Ancylostoma caninum, Physaloptera praepatialis, P. pacita (†).

In the above list, the parasites which are starred (*) were observed by Hall (1928) during his expedition to Panama under the auspices of the Rockefeller Foundation. The others are apparently recorded for the first time from this locality. While the list is by no means complete and is not in any sense the result of an intensive survey, it is probable, nevertheless, that the circumstances under which these parasites were obtained make this a record of the more conspicuous and perhaps more economically important parasites of their respective hosts in this region.

REFERENCES CITED
