

## MISCELLANEA

## DURATION OF INFECTION IN MALARIA

(a) *Quartan.*

P. left India, 1910. No fever and no quinine taken while in England, until November, 1915, when quartan parasites were found in the blood.

(b) *Simple tertian.*

N. 9.10.1921, simple tertian parasites.

February, 1922, left West Indies where it is possible a new infection was contracted.

February, 1922, to January, 1924. Sailing between England and North America only.

21.1.24 simple tertian parasites.

J. W. W. STEPHENS.

## STRONGYLIDAE FROM EDINBURGH HORSES

Since the beginning of October I have had the opportunity to collect and partly examine the Strongylidae found in horses in the Scottish capital. As some of the species present have not as yet been recorded as occurring in either England or Scotland, I thought it interesting enough merely to give a list of the species I have been able to identify so far, but hope to deal more fully with this subject at a later date.

The following are present in the collected material :—*Strongylus vulgaris*, *S. equinus*, *S. edentatus*, *Gyalocephalus capitatis*, \**G. equi*, \**Craterostomum mucronatum*, *Trichonema coronatum*, *T. bicoronatum*, *T. calicatum*, *T. poculatum*, *T. insigne*, *T. goldi*, *T. euproctus*, *T. nassatum*, \**T. nassatum* var. *parvum*, \**T. tridentatum*, *T. mettami*, \**T. minutum*, \**T. longibursatum*, \**T. pseudo-catinatum*, \**T. pateratum*, \**T. labratum*, \**T. labiatum*, \**T. radiatum*.

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University of Edinburgh,  
17.12.23.

\* To my knowledge these nematodes have not as yet been reported to occur in British horses, except a foal which furnished Yorke and Macfie with examples of *Gyalocephalus equi* and *Trichonema pseudo-catinatum* after it had been in the same field as American horses which died shortly after importation in 1918.

## ANCYLOSTOMES IN A LEOPARD

Six specimens of *A. braziliense*, Gomez da Faria, 1910, three males and three females, were recovered from a young leopard in Sierra Leone. The females varied from 7.7 to 9.4 mm. in size, the males from 6 to 7 mm.

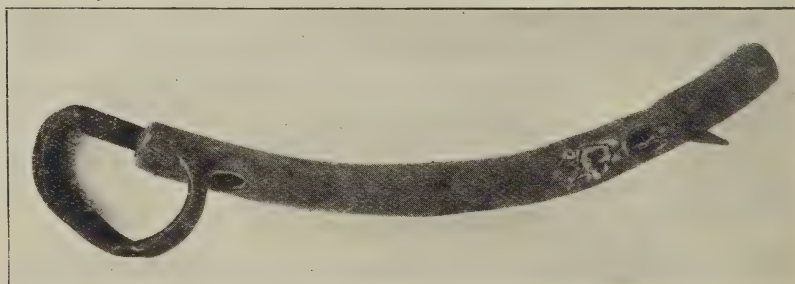
Eleven specimens of *A. caninum* (Erc., 1859) Hall, 1913, were also recovered, six males and five females. The females varied in size from 7.3 to 8.5 mm., the males from 5.6 to 7.5 mm.

S. ADLER.

## OCCURRENCE OF *ASCARIS LUMBRICOIDES* IN A DRAINAGE TUBE

Dr. Webb Anderson of China has presented to the Liverpool School of Tropical Medicine a specimen of *Ascaris lumbricoides* found in a drainage tube from an appendix abscess. The patient, a Chinese woman, was operated on successfully for appendicitis. Progress was normal for three or four days, after which drainage ceased, and was accompanied by a rise of temperature. On removing the drainage tube it was found that a specimen of *A. lumbricoides* had entered the tube, thus preventing drainage. A photograph of the worm *in situ* is shown below.

T. SOUTHWELL.



Natural size

M. Brown

### OPHIOTAENIA MARENZELLERI

A specimen of *Ophiotaenia marenzelleri*, La Rue 1911, (= *Ichthyotaenia marenzelleri*, Barrois 1898) was found in the intestine of *Causus rhombeatus* in Freetown, Sierra Leone.

This cestode has previously been recorded by Barrois from *Ancistrodon piscivorous* in the southern United States of America.

T. SOUTHWELL and S. ADLER.

### ZSCHOKKEELLA GUINEENSIS

*Zschokkeella guineensis* (Graham, 1908) was found in the intestine of a ground pig, *Thrinomys swinderianus*, in Freetown, Sierra Leone.

This parasite has previously been recorded from *Cricetomys gambianum* in Accra.

T. SOUTHWELL and S. ADLER.

### TETRARHYNCID LARVA

A Tetrarhynchid larva was found in the liver of a fish *Diodon hystrix* caught near Freetown, Sierra Leone.

T. SOUTHWELL and S. ADLER.