

# THE ENDOPARASITES OF ST. CROIX, V. I.

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St. Croix enjoys a phenomenal freedom from the innumerable types of endoparasites which prey upon the mammals of the world and for that reason a check-list is offered to give proper recognition of the prevalent forms. The various organisms came under the writer's observation and were studied during a period of research with the Department of Health from 1933 until 1941. The bulk of Cestoda was determined by H. L. Van Volkenberg and in each case the initials V. V. following the name is an indication of this.

## THE PROTOZOA

### SARCODINA (RHIZOPODA)

#### GYMNAMOEBIDA

- 1 *Endamoeba histolytica*  
Intestines of man.
- 2 *Endamoeba coli*  
Intestines of man.

### FLAGELLATA (MASTIGOPHORA)

#### MONOZOA

- 1 *Trypanosoma lewisi*  
Blood parasite of rat *Rattus norvegicus*.
- 2 *Trichomonas humanis*  
Intestines of man.
- 3 *Trichomonas* sp.  
In ceca of fowl.
- 4 *Chilomastix mesnili*  
Intestines of man.

#### DIPLOZOA

- 1 *Giardia lamblia*  
Intestines of man.

### INFUSORIA (CILIATA)

#### HETEROTRICHIDA

- 1 *Balantidium coli*  
Intestines of man and swine.

## SPOROZOA

## COCCIDIIDA

- 1 *Isospora hominis*  
Intestines of man.

## HAEMOSPORIDIA

- 1 *Plasmodium vivax*  
Man.
- 2 *Plasmodium malariae*  
Man.
- 3 *Plasmodium falciparum*  
Man.
- 4 *Haemoproteus* sp.  
Observed in the nucleated red blood corpuscles in the white-crowned pigeon *Columba leucocephala*.
- 5 *Anaplasma marginale*  
In blood of cattle.

## PLATYHELMINTHES

- 1 *Fasciola hepatica*  
In cattle and sheep. Det. V. V.
- 2 *Postharmostomum gallinum*  
Det. W. A. Hoffman. Eight specimens were recovered from the cecum of a turkey chick that was fourteen days old.

## CESTODA

- 1 *Dipylidium caninum*  
Det. V. V. A common parasite in dogs.
- 2 *Hymenolepis nana*  
From man.
- 3 *Taenia solium*  
From man.
- 4 *Taenia saginata*  
From man.
- 5 *Cystercercus tenuicollis*  
This is not an uncommon worm in sheep but of many hundreds of wild deer that I have examined I found this worm in two instances only.
- 6 *Moniezia expansa*  
Det. V. V. Found in sheep and goats.
- 7 *Anoplocephala perfoliata*  
Det. V. V. Found in horse.

## NEMATHELMINTHES

## NEMATODA

- 1 *Strongyloides stercoralis*  
Intestines of man.
- 2 *Trichuris ovis*  
Det. V. V. In sheep.
- 3 *Trichuris vulpis*  
Det. V. V. In dogs.
- 4 *Trichuris trichiura*  
Intestines of man.
- 5 *Ancylostoma caninum*  
From dogs.
- 6 *Necator americanus*  
From man.
- 7 *Oesophagostomum radiatum*  
Det. V. V. From cattle.
- 8 *Oesophagostomum columbianum*  
Det. V. V. From sheep.
- 9 *Trichostrongylus colubriformis*  
Det. V. V. From sheep and goats.
- 10 *Strongylus vulgaris*  
Det. V. V. From horses and mules.
- 11 *Strongylus* sp.  
Det. V. V. From horses and mules.
- 12 *Bunostomum phlebotomum*  
Det. V. V. From cattle.
- 13 *Bunostomum trigonocephalum*  
Det. V. V. From sheep and goats.
- 14 *Crassisoma urosulatum*  
Det. V. V. From swine.
- 15 *Stephanurus dentatus*  
Det. V. V. From swine.
- 16 *Habronema muscae*  
Det. V. V. From horses and mules.
- 17 *Dictyocaulus viviparus*  
Det. V. V. From cattle.
- 18 *Heterakis gallinae*  
From domestic fowl.
- 19 *Enterobius vermicularis*  
From man.
- 20 *Oxyuris equi*  
Det. V. V. From horses and mules.

- 21 *Ascaris lumbricoides*  
From man.
- 22 *Ascaris equorum*  
Det. V. V. From horses and mules.
- 23 *Ascaris* sp.  
From rat *Rattus rattus alexandrinus*.
- 24 *Ascaris* sp.  
From dove *Zenaida aurita zenaida*.
- 25 *Ascaridia galli*  
Det. V. V. From turkey and fowl.
- 26 *Toxocara canis*  
Det. V. V. From dogs.
- 27 *Oxyuris mansoni*  
From domestic fowls.
- 28 *Wuchereria bancrofti*  
Blood parasite of man.
- 29 *Vagrifilaria columbigallinae*  
Blood parasite of ground dove (*Columbigallina passerina nigrirostris*).
- 30 Filariidae gen & sp.  
Blood parasite of ani (*Crotophaga ani*).
- 31 *Dirofilaria immitis*  
From dogs.
- 32 *Onchocerca cervicalis*  
Det. V. V. From cattle.
- 33 *Setaria equina*  
Det. V. V. From horses and mules.
- 34 *Trichinella spiralis*  
From swine.