

# RECORDS OF PARASITIC NEMATODES IN KENYA

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Among the helminth parasites collected by the second author in Kenya from 1962 to 1965 were several species of nematodes, reported herein. Specimens were fixed in AFA and cleared in glycerin for study. Rare species are deposited in the USNM Helminthological Collection, Beltsville, Maryland. The results of this study are reported in Table 1.

TABLE I  
NEW RECORDS OF PARASITIC NEMATODES IN KENYA

Host	Location	Exam- ined	Infect- ed	Locality	Parasite
<b>FISH</b>					
Black bass <i>Micropterus salmoides</i> Lacép.	intestine	1	1	Lake Naivasha	<i>Porrocaecum</i> sp. (Juv.)
Tilapia <i>Tilapia</i> sp.	intestine	2	1	Lake Naivasha	<i>Porrocaecum</i> sp. (Juv.)
<b>AMPHIBIANS</b>					
Bullfrog <i>Pyxicephalus delandii</i> Tschudi	cyst on gut	4	1	Mt. Suswa	<i>Agamofilaria</i> sp. ( <i>Icosiella</i> ?) (Juv.)
Toad <i>Bufo regularis</i> Reuss	small intestine	4	4	Njoro	<i>Aplectana dogieli</i> (Skrjabin, 1916)
	lungs	4	2	Njoro	<i>Rhabdias</i> sp.
Grass frog <i>Rana angolensis</i> Bocage	intestine	30	24	Njoro	<i>Amphibiophilus acanthocirratu</i> (Skrjabin, 1916)
	intestine	30	9	Njoro	<i>Falcaustra</i> sp. ( <i>Spironoura</i> )
<b>REPTILES</b>					
Python <i>Python sebae</i> (Gmelin)		2	0	Lake Solai, Njoro	
Mole snake <i>Pseudaspis cana</i> (Linnaeus)	stomach & intestine	1	1	Njoro	<i>Kalicephalus colubri</i> (Ortlepp, 1923)
Purple-glossed snake <i>Chamaetortus aulicus</i> Günther	intestine	1	1	Watamu	<i>Thubunaea asymmetrica</i> Baylis, 1930
Puff adder <i>Bitis arietans</i> (Merrem)	intestine	1	1	Njoro	<i>K. colubri</i>
Kenya horned viper <i>Bitis worthingtoni</i> Parker		2	0	Njoro	

Host	Location	Exam- ined	Infect- ed	Locality	Parasite
House gecko <i>Phyllodactylus</i> sp.	stomach cloaca	2	1	Watamu	<i>T. asymmetrica</i> <i>Pharyngodon mabuien-</i> <i>sis</i> (Mala, 1939)
Chameleon <i>Chameleo dilepis</i> Leach	small intestine	14	3	Njoro	<i>Strongyluris brevicau-</i> <i>data</i> (Mueller, 1894)
Skink <i>Mabuya homalocephala</i> (Wiegmann)	stomach	2	1	Watamu	<i>T. asymmetrica</i>
<b>BIRDS</b>					
Black river duck <i>Anas sparsa</i> Egton	small intestine	3	1	Njoro	<i>Porrocaecum crassum</i> (Deslongchamps, 1824)
Speckled pigeon <i>Columba guinea</i> Linnaeus		2	0	Njoro	
Olive pigeon <i>C. arquatrix</i> Temminck & Knip	small intestine	5	2	Njoro	<i>Ascaridia columbae</i> (Gmelin, 1790)
Pink-breasted dove <i>Streptopelia lugens</i> (Rüppell)		4	0	Njoro	
Red-eyed dove <i>S. semitorquata</i> (Rüppell)		2	0	Njoro	
Tambourine dove <i>Tympanistria tympanistria</i> (Temminck & Knip)		1	0	Naivasha	
Green pigeon <i>Treron australis</i> (Linnaeus)	small intestine	12	7	Njoro	<i>A. columbae</i>
<b>MAMMALS</b>					
Mole rat <i>Tachyoryctes</i> sp.	stomach	2	1	Njoro	<i>Ascarops africana</i> (Sandground, 1933)
Striped grassmouse <i>Rhabdomys pumilio</i> (Sparrman)	small intestine	2	2	Njoro	<i>Longistriata impudica</i> (Baylis, 1928)
Serval cat <i>Felis serval</i> Schreber	intestine	1	1	Mau Forest (Njoro)	<i>Ancylostoma paradu-</i> <i>denale</i> (Biocca, 1951) <i>Toxocara</i> sp.
Elephant <i>Loxodonta africana</i> (Blumenbach)	intestine	1	1	Mau Forest (Molo)	<i>Quilonia magna</i> (Neveu-Lemaire, 1928)
	Totals	101	56	individuals infected with one or more species of round worms	

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