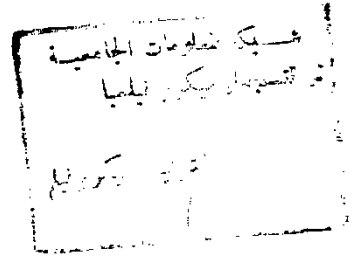


STUDIES ON ECTO-AND ENDOPARASITES OF SOME  
AGRICULTURAL VERTEBRATES

BY

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ABSTRACT

The aim of this research was to survey and classify the ecto- and endoparasites of some agricultural vertebrates, namely, the Norway rat (Rattus norvegicus), the house sparrow (Passer domesticus), the common Egyptian toad (Bufo regularis) and the fruit bat (Rousettus aegyptiacus). These animals were collected during the period from July 1987 to June 1988. The first three animals were collected from Kalyobia and Menoufia Governorates, while the fruit bat was collected from Kalyobia Governorate only.

Twenty mite species belonging to 13 families (Laelapidae, Dermanyssidae, Macronyssidae, Spinturnicidae, Rhinonyssidae, Cheyletillidae, Myobiidae, Ereynetidae,

Analgidae, Proctophyllodidae, Epidermoptidae and Pyroglyphidae), which belong to 3 suborders, [Gamasida (= Mesostigmata), Actenidida (= Prostigmata) and Acaridida (= Astigmata)], were recorded. Six nematode species belonging to three families (Cosmocercidae, Oxuridae and Cappillaridae) and 2 orders (Oxyuridea and Trichuridea); and three cestode species belonging to 3 families (Dilepididae, Hymenolopididae and Nematotaenidae), which belong to order Cyclophllidea were also extracted. The population fluctuation of mites throughout the year, and its distribution on different parts of some agricultural animals were also studied.

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## CONTENTS

	Page
INTRODUCTION .....	1
REVIEW OF LITERATURE .....	4
a. Mites associated with birds, rodents, bats and amphibians .....	4
b. Nematodes and cestodes parasitizing birds, rodents and amphibians .....	15
MATERIAL AND METHODS .....	21
a. Collection of Vertebrate Hosts .....	21
b. Extraction of Mites .....	22
c. Extraction of Endoparasites (Nematodes & cestodes) .....	23
d. Fixing and Staining Cestodes .....	24
e. Killing and Fixation of Nematodes .....	25
f. Identification and Description .....	25
g. Dominance and Occurrence Frequency of Mites on Vertebrate Animals .....	26
RESULTS AND DISCUSSION .....	27
A. Ectoparasites .....	27
1. Key to parasitic mites infesting some agricultural vertebrates (females) .....	27
a. Order : Parasitiformes .....	33
- Sub-order : Gamasida (= Mesostigmata) .....	33
i. Family : Laelapidae Berlese .....	34
Genus : <u>Hirstionyssus</u> Fonseca .....	35
: <u>Hirstionyssus</u> (H.) <u>Latiscutatus</u> (de Meillon & Lavoipierre) .....	37
Genus: <u>Haemolaelaps</u> Berlese .....	44
<u>Haemolaelaps megaventralis</u> Strandmann	46
Genus: <u>Echinolaelaps</u> Ewing .....	54
: <u>Echinolaelaps echidninus</u> Berlese ....	55

	Page
Genus: <u>Laelaps</u> Koch .....	62
: <u>Laelaps nuttalli</u> Hirst .....	64
ii. Family : Dermanyssidae Kolenati .....	71
Genus : <u>ornithonyssus</u> Sambon .....	71
: <u>ornithonyssus bacoti</u> Hirst .....	72
iii. Family : Macronyssidae Oudemans .....	80
Genus: <u>Steatonyssus</u> Kolenati .....	81
: <u>Steatonyssus</u> sp. ....	83
iv. Family : Rhinoyssidae Trouessart .....	91
Genus: <u>Ptilonyssus</u> Berlese & Trouessart ..	91
: <u>Ptilonyssus hirsti</u> Castero & Pereira	92
v. Family : Spinturnicidae Oudemans .....	99
Genus: <u>Meristaspis</u> Kolenati .....	100
: <u>Meristaspis lateralis</u> Kolenati ....	102
: <u>Meristaspis Kenyaensis</u> Radford ....	110
Genus: <u>Ancystropus</u> kolenati .....	118
: <u>Ancystropus aethiopicus</u> Hirst ....	119
: <u>Ancystropus zeileborii</u> Kolenati ....	127
b. Order : Acariformes .....	135
- Sub-order: Actinedida (= Prostigmata) .....	135
i. Family : Myobiidae Megnin .....	136
Genus : <u>Radfordia</u> Ewing .....	136
: <u>Radfordia ensifera</u> Poppe .....	137
Genus: <u>Binuncus</u> Radford .....	145
: <u>Binuncus</u> ( <u>Binincus</u> ) <u>jamesoni</u> Hiregandar et Bal .....	145
ii. Family : Cheyletiellidae volgin .....	153
Genus: <u>Bakericheyla</u> Volgin .....	154
: <u>Bakericheyla chanayi</u> Berlese & Trouessart .....	154
iii. Family : Ereyenetidae Odemans .....	161
Genus : <u>Lawrencarus</u> Fain .....	161
<u>Lawrencarus eweri</u> Lawrence .....	162



	Page
2. Dominance and Occurrence Frequency of Mites .....	170
a. Mites associated with the house sparrow ( <u>Passer domesticus</u> ) .....	174
b. Mites associated with the Norway rat ( <u>Rattus norvegicus</u> ) .....	190
c. Mites associated with the fruit bat ( <u>Rousettus aegyptiacus</u> ) .....	196
d. Mites associated with the common Egyptian toad ( <u>Bufo regularis</u> ) .....	200
e. Mite distribution on the tested animal body parts .....	202
<b>B. Endoparasites .....</b>	<b>206</b>
1. Taxonomic study of the collected nematodes .....	206
- Key to parasitic nematodes infesting some agricultural vertebrates .....	207
- General morphology of the phylum Nemathelminthes (Aschelminthes) .....	208
a. Order: Oxyuridea Weinland .....	209
i. Family : Cosmocercidae Travassos .....	209
Genus: <u>Aplectana</u> Railliet et Henry .....	210
: <u>Aplectana travassosi</u> Gomes & Motta. ....	210
Genus: <u>Cosmocerca</u> Diesing .....	214
: <u>Cosmocera ornata</u> Dujardin .....	214
ii. Family : Oxyuridae Cobbold .....	218
Genus : <u>Heteroxynema</u> Hall .....	218
<u>Heteroxynema wernecki</u> Frietes et Almeida .....	218
Genus: <u>Neoxysomatium</u> Ballesteros Marquez . ....	222
<u>Neoxysomatium Contortum</u> Linstow ...	222
Genus: <u>Syphacia</u> seurat .....	226
<u>Syphacia muris</u> Yamaguti .....	226
b. Order : Trichuridea Yamaguti .....	230
Family : Capillaridae .....	230

	Page
Genus : <u>Capillaria</u> Zeder .....	230
<u>Capillaria angusta</u> Duj., .....	231
2. Taxonomic study of the collected cestodes .....	237
- Key to parasitic cestodes infesting some agricu- ltural vertebrates .....	237
- General morphology of the phylum Platyhelminthes..	238
a. Order: Cyclophyllidea Ben. in Braun .....	241
i. Family : Dilepididae Railliet et Henry .....	241
Genus : <u>Anomotaenia</u> cohn. ....	242
: <u>Anomotaenia dehiscens</u> Krabb, ....	242
ii. Family : Hymenolepididae Railliet et Henry .	246
Genus : <u>Hymenolepis</u> Weinland .....	246
: <u>Hymenolepis diminuta</u> Rudolphi ...	247
iii. Family : Nematotaeniidae Lühe .....	251
Genus: <u>Nematotaenia</u> Lühe .....	251
: <u>Nematotaenia dispar</u> Goeze .....	251
SUMMARY AND CONCLUSION .....	255
REFERENCES .....	260
ARABIC SUMMARY	

# LIST OF TABLES

	Page
1- Mites associated with birds in Egypt .....	5
2- Mites associated with rodents in Egypt .....	6
3- Mites associated with bats in Egypt .....	10
4- Nematodes associated with rodents in Egypt .....	16
5- Nematodes associated with amphibians in Egypt .....	18
6- Cestodes associated with rodents in Egypt .....	19
7- Mites belonging to 13 families associated with the Norway rat ( <u>R. norvegicus</u> ), fruit bat ( <u>R. aegyptiacus</u> ), house sparrow ( <u>P. domesticus</u> ) and common Egyptian toad ( <u>B. regularis</u> ), collected from both Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	171
8- Number of macronyssid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	174
9- Number of adult females of <u>Steatonyssus</u> sp belong- ing to family Macronyssidae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	175
10- Number of rhinonyssid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	176

	Page
11- Number of adult females of <u>P. hirsti</u> belonging to family Rhinonyssidae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	177
12- Number of cheyletiellid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	178
13- Number of adult females of <u>B. chanayi</u> belonging to family cheyletillidae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	179
14- Number of analgid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	180
15- Number of adult females of <u>Analges sterninus</u> belonging to family Analgidae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	181
16- Number of proctophylloidid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the	

	Page
period from July 1987 to June 1988 .....	182
17- Number of adult females of <u>P. orientalis</u> belonging to family Proctophylloididae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	183
18- Number of epidermoptid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	184
19- Number of adult females of <u>S. viacarus</u> belonging to family Epidermoptidae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	185
20- Number of dermoglephid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	186
21- Number of adult females of <u>D. ateoyi</u> belonging to family Dermoglephidae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	187

	Page
22- Number of pyroglyphid mites associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	188
23- Number of adult females of <u>D. farinae</u> belonging to family Pyroglyphidae associated with the house sparrow ( <u>P. domesticus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	189
24- Number of laelapid mite associated with the Norway rate ( <u>R. norvegicus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	190
25- Number of adult females belonging to four different species (Family Laelapidae) associated with the Norway rat ( <u>R. norvegicus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	191
26- Number of dermanyssid mites associated with the Norway rat ( <u>R. norvegicus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	192
27- Number of adult females of <u>O. bacoti</u> belonging to family Dermanyssidae associated with the Norway rat ( <u>R. norvegicus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July	

	Page
1987 to June 1988 .....	193
28- Number of myobiid mites associated with the Normay rat ( <u>R. norvegicus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	194
29- Number of adult females of <u>R. enisfera</u> belonging to family Myodiidae associated with the Norway rat <u>R. norvegicus</u> ) collected from Kalyobia and Menoufia Governorates during the period from July 1987 to June 1988 .....	195
30- Number of sipnturnicid mites associated with the fruit bat ( <u>R. aegyptiacus</u> ) collected from Kalyobia Governorate during the period from July 1987 to June 1988 .....	196
31- Number of adult females belonging to four different species (Family Spinturnicidae) associated with the fruit bat ( <u>R. aegyptiacus</u> ) collected from Kalyobia Governorate during the period from July 1987 to June 1988 .....	197
32- Number of myodiid mites associted with the fruit bat ( <u>R. aegyptiacus</u> ) collected from Kalyobia Governorate during the period from July 1987 to June 1988 .....	198