

**Arthropods collected in the Bush Bush Forest Nature Reserve
by personnel of the Trinidad Regional Virus Laboratory
(Prepared by T.H.G. Aitken — June 1972)**

CLASS INSECTA

Order Mallophaga (Biting lice) 1960-1963 (T. Clay ident)

- a. Menoponidae
 - 1. Austromenopon sp. ex Oceanodroma (AVE.)
(Bois Neuf)
 - 2. Ciconiphilus decimfasciatus ex Ardea (AVE.)
 - 3. Menacanthus sp. ex Tyrannus (AVE.)
 - 4. Myrsidea sp. ex Tyrannus, Tiaris (AVE.)
- b. Ricinidae
 - 1. Trochiliphagus abdominalis ex Anthrocothorax
(AVE.)
- c. Philopteridae
 - 1. Bruelia sp. ex proboscis of Culex mosquito (stray)
 - 2. Halipeurus pelagicus ex Oceanodroma (AVE.)
(Bois Neuf)
 - 3. Rallicola guttata ex Xiphorhynchus (AVE.)

Order Anoplura (Sucking lice) 1960—1962 (P.T. Johnson ident.)

- a. Hoplopleuridae
 - 1. Fahrenholzia schwartzi ex Heteromys (MAM.)
 - 2. Hoplopleura nesoryzomydis ex Zygodontomys
(MAM.)
 - 3. Hoplopleura pacifica ex Rattus (MAM.)
 - 4. „ quadridentata ex Nectomys (MAM.)

Order Hemiptera (True bugs) 1962 (T.H.G. Aitken ident.)

- a. Reduviidae (Kissing bugs, Cone noses)
 - 1. Panstrongylus geniculatus (host Dasypus MAM.)

Order Diptera (True flies)

- a. Culicidae (Mosquitoes) 1959-1964 (T.H.G. Aitken ident.)
 - 1. Anopheles aquasalis
 - 2. „ bellator
 - 3. „ “fluminensis” ?
 - 4. „ homunculus
 - 5. „ oswaldoi
 - 6. Toxorhynchites bambusicolus
 - 7. „ haemorrhoidalis superbus
 - 8. „ theobaldi
 - 9. Trichoprosopon digitatum
 - 10. Wyeomyia aporonoma
 - 11. „ arthrostigma



Photo by: H. DRYSDALE.

Examining a mosquito trap baited with four adult mice.

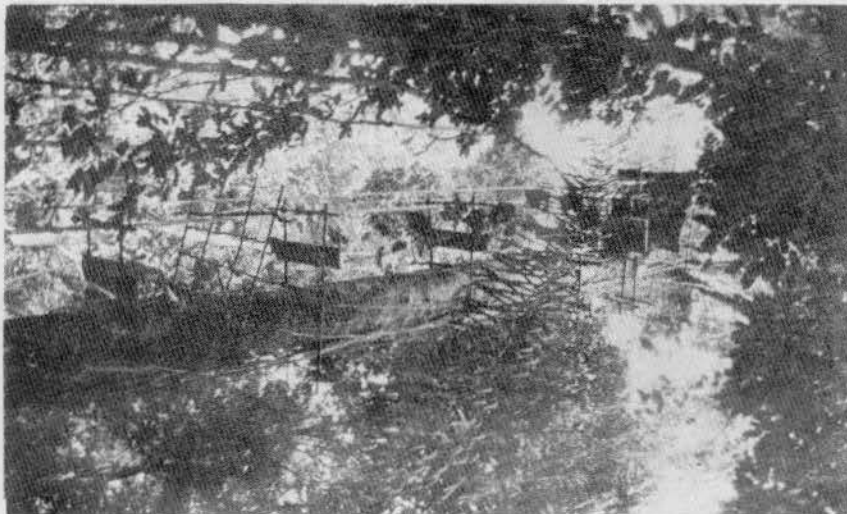


Photo by: H. DRYSDALE.

Not all mosquitoes are confined to the forest floor. Some species such as *Haemagogus spegazzinii*, a vector of sylvan yellow fever is found primarily in the forest canopy. The photograph shows a platform which was built at 55 feet in the canopy of the forest to study the vertical stratification of mosquitoes.

12. *Wyeomyia* "autocratica"?
13. " " "clasoleuca" ?
14. " " "finlayi" ?
15. " " howardi
16. " " kerri
17. " " medioalbipes
18. " " melanocephala
19. " " "melanopus" ?
20. " " ypsipola
21. *Phoniomyia* "fuscipes" ?
22. " " lassalli
23. " " splendida
24. " " trinidadensis
25. *Limatus* durhami
26. " " flavisetosus
27. *Sabethes* "belisarioi" ?
28. " " chloropterus
29. " " cyaneus
30. " " undosus
31. *Mansonia* arribalzagai
32. " " titillans
33. " " venezuelensis
34. *Uranotaenia* apicalis
35. " " briseis
36. " " geometrica
37. " " leucoptera
38. " " lowii
39. " " nataliae
40. " " pallidoventer
41. " " socialis
42. *Orthopodomyia* fascipes
43. *Aedeomyia* squamipennis
44. *Psorophora* albipes
45. " " cilipes
46. " " cingulata
47. " " ferox
48. " " lineata
49. " " lutzii
50. *Aedes* fulvus
51. " " hastatus
52. " " hortator
53. " " scapularis
54. " " serratus
55. " " sexlineatus
56. " " taeniorhynchus

57. *Haemagogus spegazzinii*
58. „ *splendens*
59. *Culex accelerans*
60. „ *aikenii*
61. „ *amazonicus*
62. „ *corniger*
63. „ *coronator*
64. „ *crybda*
65. „ *declarator*
66. „ *gaudeator*
67. „ *inflictus*
68. „ *interrogator*
69. „ *maracayensis*
70. „ *mollis*
71. „ *nigripalpus*
72. „ “originator” ?
73. „ *pilosus*
74. „ *pleuristriatus*
75. „ *portesi*
76. „ *spissipes*
77. „ *stonei*
78. „ *taeniopus*
79. „ *vomerifer*
80. „ “ybarmis” ?
81. *Deinocerites magnus*
- b. *Psychodidae* (Phlebotomine sand flies) 1962-1964
(G.B. Fiarchild ident.)
 1. *Lutzomyia amazonensis* (*Phlebotomus*)
 2. „ *antunesi*
 3. „ *atroclavata*
 4. „ *cayennensis*
 5. „ *flaviscutellata*
 6. „ *micropyga*
 7. „ *ovallesi*
 8. „ *pilosa*
 9. „ *shannoni*
 10. „ *trinidadensis*
- c. *Ceratopogonidae* (Sand flies, “Noseeums”) 1961-1964
(W.W. Wirth ident.)
 1. *Culicoides acotylus*
 2. „ *debilipalpis*
 3. „ *foxi*
 4. „ *guyanensis*
 5. „ *hoffmani*
 6. „ *leopoldoi*
 7. „ *maruim*

8. *Culicoides paraensis*
9. " *pseudodiabolicus*
10. " *pusillus*
- d. Tabanidae (Horseflies) 1959-1964
 (G.B. Fairchild ident.)
 1. *Chlorotabanus inanis*
 2. " *mexicanus*
 3. " *unicolor*
 4. *Chrysops bulbicornis*
 5. " *variegata*
 6. *Diachlorus bicinctus*
 7. " *curvipes*
 8. *Dichelacera ochracea*
 9. *Leucotabanus exaestuans*
 10. *Phaeotabanus fervens*
 11. *Stenotabanus maculifrons*
 12. " *tobagenis*
 13. *Tabanus piceiventris*
 14. " *importunus*
 15. " *lineola*
 16. " *nebulosus*
 17. " *pungens*
 18. " *xipe*
- e. Muscidae (Houseflies, etc.) 1961 (R. Dodge ident.)
 1. *Neomusca falsificus* (Philornis) ex Amazona
 nestling (AVE.)
 (Larvae subcutaneous & extracutaneous
 parasites)
- f. Cuterebridae (Robust Botflies) 1962 (T.H.G. Aitken
 ident.)
 1. *Cuterebra apicalis* ex *Zygodontomys* (MAM.)
 2. " *nigricans* ex *Oryzomys* (MAM.)
 (larvae subcutaneous rodent parasites)

Order Siphonaptera (Fleas) 1961-1964 (P.T. Johnson ident.)

- a. Rhopalopsyllidae
 1. *Polygenis dumni* ex rodents

CLASS ARACHNIDA

Order Acarina (Mites and Ticks)

- a. Laelapidae (Mites) 1961-1964 (R.W. Strandtman
 ident.)
 1. *Gigantolaelaps oudemansi* ex rodents
- b. Argasidae (Soft Ticks) 1959-1963 (G.M. Kohls ident.)
 1. *Ornithodoros* sp. ex *Pteronotus* (MAM.)
- c. Ixodidae (Hard Ticks) 1959-1964 (G.M. Kohls ident.)
 1. *Amblyomma calcaratum*, birds (larva, nymph)
 anteaters (adults)

2. *Amblyomma dissimile* ex Bufo (AMP.)
and reptiles
 3. „ humerale ex Geochelone (REP.)
 4. „ longirostre ex birds (larva, nymph),
porcupines (adult)
 5. *Boophilus microplus* (strays, normally cattle)
 6. *Ixodes luciae* ex rodents (larva, nymph),
Didelphis (adult)
 7. *Rhipicephalus sanguineus* ex dog
- d. Trombiculidae (Chiggers, Red Bugs, Bete Rouge)
1960-1963 (J.M. Brennan ident.)
1. *Blankaartia sinnamaryi* ex birds, reptiles
 2. *Euschongastia flochi* ex rodents
 3. *Eutrombicula* a. *alfreddugesi* ex man, rodents,
reptiles, birds
 4. „ a. *tropica* ex rodents, reptiles
 5. „ *goldii* ex mammals, reptiles, birds
 6. *Fonsecia aitkeni* ex Marmosa (MAM.)
 7. *Fonsecia ewingi* ex Trypanurgus (REP.)
 8. „ *longicalcar* ex Myotis (MAM.)
 9. „ *manueli* ex birds
 10. „ *psittaci* ex Amazona (AVE.)
 11. *Speleocola secunda* ex rodents, bats
 12. *Tecomatlana vesperuginis* ex bats
 12. *Trombicula fragibarba* ex Oryzomys, Marmosa
(MAM.)
 14. *Trombicula merga* ex Oryzomys (MAM.)
 15. „ *saccolpteryx* ex bats.

Order Scorpionida (Scorpions) 1961-1964 (E.N. K-Waering
ident.)

- a. Chactidae
 1. *Broteochactas gollmeri*
- b. Buthidae
 1. *Ananteris cussinii*
 2. *Tityus discrepans*
 3. „ *quelchii*
 4. „ *trinitatis*

Note: AMP. — amphibian
REP. — reptile
AVE. — bird
MAM. — mammal