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TECHNICAL REPORT
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ARTHROPODS OF MEDICAL IMPORTANCE IN AFRICA

Part I of Two Parts, Printed Separately

by

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ARTHROPODS OF MEDICAL IMPORTANCE

IN AFRICA,

PART I

Introductory and Explanatory Material

Data on Mosquitoes

[Part II, published separately, contains
Data on Arthropods other than Mosquitoes]

AD 650949

FOREWORD

This report is one of the end-products of a series of studies that began in 1952 when the Office of The Quartermaster General awarded a contract to Cornell University for summarization of distributional data for insects and other arthropods of medical importance. The studies were planned in cooperation with personnel of the Office of the Surgeon General and the U.S. Department of Agriculture. Dr. Bernard V. Travis, Professor of Medical Entomology and Parasitology at Cornell University, has been the principal investigator since the inception of the series. A thorough search was made of the entomological literature, and for each country and major geographical region of the world a "summary report" was prepared, listing the reported occurrences and habitat data for medically important arthropods. These summary reports were placed on file at the Natick Laboratories and the Military Entomology Information Service, Walter Reed Hospital, where they are available for loan and reference.

By 1964 it became evident that changes in the field of entomology--both in knowledge acquired and in the distributions of some species--required updating of the material contained in the country summary reports. It was decided also that the material would be more useful if consolidated on a continental rather than a country basis. Contracts were let with Cornell University for accomplishing these two tasks simultaneously, and the present report for Africa is the first result of this work. It will be followed by similar volumes for the other continents.

Because of the large number of entries, the report is in two parts, printed separately. Part I contains all the introductory material and data on mosquitoes; Part II contains data on arthropods other than mosquitoes.

Mapping of the distributions of the most important species is being done by the University of Pittsburgh's Department of Geography, and when completed for all continents the maps will be published in an Atlas of Medically Important Arthropods, to accompany this and the succeeding continental summaries.

The contract under which this work was accomplished was supported by funds from the Office of the Chief of Research and Development, Department of the Army. This contract, as well as the previous contracts in insect geography, was monitored by Mr. Carl W. Ross, formerly Geographer with the Earth Sciences Division. Dr. John J. Pratt, Jr., Entomologist in the Pioneering Research Division, was alternate project officer. The final phases of its completion and publication were supervised by Dr. William C. Robison, Chief of the Geography Branch, this Division.

The following members of the staff at Cornell University assisted the authors in preparing this compilation: Eveline Aron, Meredith Bruck, Varda L. Langefeld, Rosalind Lewis, Charlotte Stanley, Ruth Stark and Ruth Breen, Librarian, Department of Entomology, Cornell University. Susan DeLorenzo and Phyllis Louis typed the manuscript.

The Earth Sciences Division is pleased to be able to present the results of the labors of Dr. Travis and his co-workers for the use of Army specialists in preventive medicine, public health officers, and entomologists.

L.W. TRUEBLOOD, Ph.D.
Chief
Earth Sciences Division

APPROVED:

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Scientific Director

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Brigadier General, USA
Commanding

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ABSTRACT

The occurrence of insects and other arthropods of medical importance in Africa is summarized on the basis of a compilation of all available references in the scientific literature. The report includes, for each major group of arthropods, a listing of species and subspecies with biological and distributional data, tabulations of diseases or disease organisms transmitted, and complete literature citations.

The groups of arthropods included, with the number of species or subspecies in parentheses, are:

Part I: Mosquitoes (1037)

Part II: Arthropods other than mosquitoes: Black flies (103), Sand flies (269), Midges (177), Horse flies (1080), Biting flies (67), Non-biting flies (50), Fleas (363), Bugs (24), Urticating and vesicating arthropods (9), Ticks (424), Mites (26), and Miscellaneous arthropods (33).

ARTHROPODS OF MEDICAL IMPORTANCE
IN AFRICA

INTRODUCTION

1. Format of this report

As will be seen from the Abstract and the Table of Contents, the data in this report are presented according to arthropod groups. Part I is on Mosquitoes. Part II contains data on the other group of arthropods.

For each arthropod group the data are presented in tables, from two to six as required. In Table 1, which is the basic table for each arthropod group, are listed the arthropods, their distribution, biological data and documentary references. In Table 2 are summarized the disease organisms said by the authors to be transmitted by the arthropods.

In addition, there may be, for each arthropod group, tables of unconfirmed entries and addenda tables composed of entries added since the basic Table 1 was set up. These tables follow the format of Table 1 or Table 2.

After the above-mentioned tabular material there is, for each arthropod group, a section of Literature Cited, containing the complete citation referred to in the basic table (Table 1), or its supplements (unconfirmed or added entries) if any.

The format of the data sections of the report is explained below. At the end of this Introduction there are brief explanatory comments on synonymy, interpretation of statements, and the order of listings for any particular species in Table 1.

2. Table 1 explained

For each group of arthropods (mosquitoes, black flies, etc.) its basic table, Table 1, lists for each species and subspecies the distribution (country or countries), together with any biological data, and the reference documenting each entry. We will explain this table by considering entries under each column heading in turn.

a. SPECIES

Under the first heading, SPECIES, is entered: genus, species, subspecies (if any), and describer.

The format for a typical entry under SPECIES is somewhat variable, depending on the information available for each arthropod group. Typically, the genera and species are listed in alphabetical order in each group. No entries are made for subgenera. However, the subspecies, varieties and forms are listed as they appear in the publications. The describer's name is given unless the author has not listed the name and it is not clear from the literature what the describer's name should be.

See note on synonymy at the end of this Introduction.

b. BREEDING HABITATS: ADULT ACTIVITY: DISTRIBUTION

The basic data of Table 1 are presented under these headings. The entries in the table are made in the same order as the heading indicates, and are separated by the same punctuation mark, ";". "No data" is indicated by "---"; that is, there may be no data on BREEDING HABITATS or ADULT ACTIVITY. Under DISTRIBUTION, the third category of information, a number is entered; this number represents a country in Africa, which may be identified by consulting the Index of Countries, immediately following this Introduction.

For example, the entry for the first item on page 2 (---;---;44) means that there are no data on BREEDING HABITATS or ADULT ACTIVITY for Republic of the Congo (number 44 under DISTRIBUTION, as identified in the Index of Countries) for the particular species.

Further comments on each part of this heading follow:

BREEDING HABITATS: No entry is made (as indicated by "---") unless the author makes clear and specific statements. The data concerning the biology of the immature forms are quite sparse, except for mosquitoes.

ADULT ACTIVITY: Again, no entry is made (as indicated by "---") unless the author makes clear and specific statements. Also, except for mosquitoes, the authors present little biological data for adult arthropods.

See note on "interpretation" at the end of this Introduction.

DISTRIBUTION: As indicated by the heading, the third category of information is DISTRIBUTION and the entry in the table consists of one or more numbers. These numbers represent countries in Africa and may be identified by referring to the Index of Countries. All entries in this report (Table 2, COUNTRY, as well as Table 1, DISTRIBUTION) use these numbers instead of the full country name. For example, 8 is the entry for Algeria. Where the authors have not recorded the specific country, an inclusive number is used. For example, 4 is the entry for Africa.

c. Symbols attached to the country number

In the DISTRIBUTION column, the country number may have a symbol attached to it, e.g., 44* or 44°.

Symbol * after a country number indicates that the species is said by the author to transmit a disease organism to man. For example, on page 3 of this report, a third line of entries ends ". . . 13*". This means that the species in Sudan are said to transmit a disease organism to man. When this symbol is used, the species of arthropod and the disease transmitted are entered in the table immediately following; that is, such entries in Table 1 are summarized in Table 2. Where two asterisk (**) appear, they refer to two separate diseases.

Symbol ° after the country number indicates that the species is said by the author to either bite or directly annoy man. For example, on page 2 of this report, the 5th line of entries ends ". . . 320°". This means that the particular species in Uganda (country 320 in Index) is said by the author to either bite or directly annoy man. These entries are not summarized as are those marked "*" above.

d. (GENERAL STATEMENTS)

In addition to the three main categories of information as described above, the column heading indicates that there may be general statements. If so, this entry is made after those of the three main categories and is enclosed in parentheses, exactly as the column heading indicates. This may be a statement for either the various countries or continents or for the various species. For example, on page 5, this report, the first line of entries ends: ". . . (Vector of yellow fever)". Also, on page 14, the first line of entries ends ". . . (Larva found in ground and river pools)".

e. AUTHOR and DATE

Every entry in Table 1 is documented by an author (or a senior author) and date of publication. The AUTHOR and DATE (year of cited publication) are entered in the last two columns of Table 1. (The complete Literature Citation is given, for each arthropod group, in the section immediately following the tables.)

3. Table 2 explained

As noted above, all listings marked "*" in a table are summarized, for the particular species of arthropod, in the table immediately following, giving the country or countries where occurring, and the disease or disease organism transmitted.

Table 2 summarizes such items from Table 1. For example, on page 3 of this report (Mosquitoes, Table 1) the 3d line ends ". . . 13*". We note, on this and succeeding pages, under the same species, other listings: ". . . 100*", ". . . 117*", etc. These and similarly marked listings are summarized at the beginning of Table 2, page 298. Besides the SPECIES and the COUNTRY, the table also gives information on DISEASE OR DISEASE ORGANISM. Entries in these columns are discussed below.

a. SPECIES AND COUNTRY

The SPECIES is, of course, that indicated in Table 1, and the COUNTRY column summarizes all the numbers (i.e., countries) listed under DISTRIBUTION in Table 1 for this particular species that are marked "*".

b. DISEASE OR DISEASE ORGANISM

Under this heading there are four subheadings (VIRUS & RICKETTSIA; PROTOZOA; HELMINTHS; OTHER). The subheading itself may be broken down, where necessary. For example, on page 298 (Mosquitoes, Table 2), the first subcolumn (VIRUS & RICKETTSIA) is broken down as: Yellow fever; Dengue and Chikungunya virus, with numbers indicating the appropriate countries.

4. Tables of unconfirmed entries

Throughout the years that this project has been in operation, a large number of tabulators have been making entries. Often these people were not trained entomologists. Thus it was found necessary to confirm each entry for this report. In a few cases time and the original literature have not been available to confirm all entries. The original entries that have not been confirmed are included in a separate table with each arthropod group. Most of these entries merely add more distributional data to the main entry table for the group concerned.

Unconfirmed entries of basic data (BREEDING HABITATS, ADULT ACTIVITY AND DISTRIBUTION) are shown in Table 3 and follow the format of Table 1, as explained above.

Unconfirmed entries summarizing data on DISEASES OR DISEASE ORGANISMS appear in Table 4 and follow the format of Table 2, as explained above.

5. Addenda tables

A few entries have been added since some of the tables were typed. These entries, when required, are added in an addenda table (Table 5) for each group of arthropods.

Addenda tables of basic data (BREEDING HABITATS, ADULT ACTIVITY AND DISTRIBUTION) follow the format of Table 1, as explained above.

Addenda tables summarizing data on DISEASES OR DISEASE ORGANISMS follow the format of Table 2, as explained above.

6. Literature cited

At the end of each arthropod section there is a complete Literature Cited, as referred to in the last column of Table 1 (AUTHOR and DATE) or supplements to Table 1.

The abbreviations of the publications follow the World List of Scientific Periodicals.

7. Special comments

a. A note on synonymy

The problem of attempting to straighten out synonymy of scientific names is beyond the scope of this report. Except for a few species, the scientific names, as used by the authors, are entered in the tables. In a few cases we have followed the synonymy of an acceptable monograph. As there is no universal agreement among taxonomists, the responsibility of synonymy must be referred to the interpretation of each specialist.

b. A note on interpretation of statements

An attempt has been made to avoid interpreting the published statements. This has been found difficult in matters concerning disease transmission; thus it is often clearer if we use the author's own words. In general, it has been found that few authors make unqualified statements concerning the vectors. Also, as one might expect, most of the statements are based on epidemiological evidence and not on actual transmissions.

c. Order of listings for same species in Table 1

In Table 1 there may be several lines of listing for the same species and describer. If so, they are listed according to the number of the country (the entry under DISTRIBUTION). For example, at the top of page 2, the items are listed from ". . . 44" (top line) to ". . . 322" (6th line).

An apparent break in this sequence may occur when an author documents the data for the same species for two or more countries. This may mean that a country number will be higher than that on the next line. For example, on page 2, the 4th line, which ends ". . . 319, 324", is followed by (5th line) a listing which ends ". . . 320".

INDEX OF COUNTRIES OF AFRICA

In 1962 a world-wide Geographic Index was published* listing all countries or major regions, in alphabetical order, and assigning to each country a number. The following list consolidates the countries of Africa from that Index, and makes some additions to it. The countries, as named at the time of publication of the present report, are shown on the adjacent map.

All the numbers of African countries are listed in order. All the entries in this report use these numbers instead of the country names. For example, when number 8 is entered, it stands for Algeria; 39 stands for Lesotho. Where the authors have not recorded the specific country, an inclusive title is entered, e.g., 4 for Africa. This is the principal purpose of the Index: to identify the countries represented by numbers under DISTRIBUTION (Table 1) or COUNTRY (Table 2).

The Index also includes at least the major synonyms. The synonymy is preceded by a dash (the numbers appear with the main entries). For example, the first entry in the Index below is " - Abyssinia or Ethiopia 102". The main listing is (in both numerical and alphabetical order) "102. Ethiopia or Abyssinia".

All the countries in the 1962 Index are listed and cross-referenced, through "334. Zanzibar" (the last number) and " - Zululand, also called Natal 216" (the last synonym).

The Addenda to the original Geographic Index start with number 344. The numerical order is maintained, but not the alphabetical order. However, entries from the Addenda are cross-referenced alphabetically in the main list. For example, in the main list we have " - Tanzania 364 . . .".

---

* B.V. Travis, Herbert H. Casewell, Jr., William B. Rowan, Halle Starcke (all of Cornell University) and Carl W. Ross (Quartermaster Research & Engineering Command): Classification and coding system for compilations from the world literature on insects and other arthropods that affect the health and comfort of man, Headquarters, Quartermaster Research & Engineering Command, U.S. Army, Quartermaster Research & Engineering Center, Natick, Massachusetts, Technical Report ES-4, 259 pp., 1962.

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INDEX OF COUNTRIES OF AFRICA

Abyssinia or Ethiopia 102

7. Africa (Inclusive title)

- Africa Orientale Italiana also called Italian East Africa (Inclusive title) 359

- Afrique Occidentale Française also called French West Africa (Inclusive title) 113

8. Algeria

9. Amirantes Islands and Adjacent Islands

13. Anglo-Egyptian Sudan (formerly), now Sudan

14. Angola also called Portuguese West Africa

15. Annobón Island

36. Azores

39. Basutoland (formerly), now Lesotho

42. Bechuanaland, British, part of Cape of Good Hope 64, now included in the Republic of South Africa 322

43. Bechuanaland Protectorate (formerly), now Republic of Botswana

44. Belgian Congo (formerly), now Republic of the Congo

52. Bouvet Island

- Botswana, Republic of, formerly Bechuanaland Protectorate 43

- British Bechuanaland 42, part of Cape of Good Hope, now included in the Republic of South Africa 322

54. British East Africa (Inclusive title)

- British Somaliland (formerly) 286, now included in Somali Republic 284

55. British South Africa (Inclusive title)

56. British South-West Africa (formerly), now South-West Africa also called Suidwest Afrika

57. British West Africa (Inclusive title)

- Burundi also called Urundi 363

- Cabinda, included in Angola 14

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INDEX OF COUNTRIES OF AFRICA (CONTINUED)

61. Cameroun, formerly French Cameroun

63. Canary Islands

64. Cape of Good Hope also called Cape Province, now included in the Republic of South Africa 322

65. Cape Verde Islands also called Verde Islands

- Central African Republic, formerly Ubangi-Shari 319

71. Chad

- Congo, Republic of the, formerly Belgian Congo 44

- Congo Republic, formerly Middle Congo 206

86. Crozet Islands also called Isles Crozet

89. Dahomey

96. Egypt also called United Arab Republic

100. Eritrea, now included in Ethiopia 102

102. Ethiopia or Abyssinia

106. Fernando Po Island

- French Cameroun (formerly), now Cameroun 61

111. French Equatorial Africa (Inclusive title)

- French Guinea (formerly), now Guinea 131

- French Morocco (formerly) 211, now included in Morocco 211

- French Somaliland 285

112. French Sudan (formerly), now Republic of Mali

- French Togo (formerly), now Togo 307

113. French West Africa, also called Afrique Occidentale Française (Inclusive title)

115. Gabon

117. Gambia

- Ghana, formerly Gold Coast 123

[illegible]. Gold Coast (formerly), now Ghana

[illegible]. Guinea, formerly French Guinea

[illegible]. Guinea, Portuguese

- [illegible], Spanish also called Rio Muni 254

- Gulf Islands (Inclusive title) 365

[illegible]. Heard Island

[illegible]. Ifni

- Iles Crozet also called Crozet Islands 86

- Italian East Africa also called Africa Orientale Italiana (Inclusive title) 359

- Italian Somaliland (formerly) 360, now included in Somali Republic 284

156. Ivory Coast

- Kenya, formerly Kenya Colony and Protectorate 163

163. Kenya Colony and Protectorate (formerly), now Kenya

164. Kerguelen Islands

- Lesotho, formerly Basutoland 39

175. Liberia

176. Libya

[illegible]. Lindsay Island

- Madagascar (formerly), indexed as Malagasy Republic 186

186. Malagasy Republic and Surrounding Islands

187. Madeira Islands

- Malawi, formerly Nyasaland Protectorate 230

- Mali, Republic of, formerly French Sudan 112

198. Marion Island

201. Mauritania

- Mauritius Island, indexed with Malagasy Republic 186

202. McDonald Island

206. Middle Congo (formerly), now Congo Republic

211. Morocco, now includes:

French Morocco (formerly) 211
Tangier Zone (formerly) 212
Spanish Morocco (formerly) 213

214. Mozambique also called Portuguese East Africa

216. Natal, also called Zululand, now included in Republic of South Africa 322

225. Niger, Republic of

226. Nigeria, Federation of and Cameroons

227. Northern Rhodesia (formerly), now Zambia

230. Nyasaland Protectorate (formerly), now Malawi

- Orange Free State also called Orange River Colony 234, now included in Republic of South Africa 322

234. Orange River Colony or Orange Free State

- Portuguese East Africa also called Mozambique 214

- Portuguese Guinea 132

- Portuguese West Africa also called Angola 14

247. Prince Edward Island

248. Principe Island

- Protectorate of Bechuanaland (formerly), now Republic of Botswana 43

- Republic of the Congo, formerly Belgian Congo 44

- Republic of Mali, formerly French Sudan 112

- Republic of Niger 225

- Republic of South Africa, formerly Union of South Africa 322

- Réunion Island, indexed with Malagasy Republic 186

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- Rhodesia, formerly Southern Rhodesia 292
- Rhodesia, Northern (formerly), now Zambia 227
- Rhodesia, Southern (formerly), now Rhodesia 292

253. Spanish Sahara

254. Rio Muni also called Spanish Guinea

- Ruanda-Urundi also called Urundi-Ruanda (Inclusive title) 361
- Rwanda 362

258. Saint Helena Island

259. Saint Paul Island

267. São Tomé Island

273. Senegal

275. Seychelles Islands

279. Sierra Leone

282. Socotra

284. Somali Republic, formerly Somaliland now includes:

British Somaliland (formerly) 286
Italian Somaliland (formerly) 360

- Somaliland (formerly), now Somali Republic 284

285. Somaliland, French

- Somaliland, Italian (formerly) 360, now included in Somali Republic 284

286. Somaliland, British (formerly), now included in Somali Republic 284

- South Africa, Republic of, formerly Union of South Africa 322

292. Southern Rhodesia (formerly), now Rhodesia

- South-West Africa, formerly British South-West Africa 56

- Spanish Morocco 213, now included in Morocco 211

- Spanish Guinea also called Rio Muni 254

- Spanish Sahara 253

- Sudan, formerly Anglo-Egyptian Sudan 13

- Sudan, French (formerly), now Republic of Mali 112

- Suidwest Afrika also called South-West Africa 56

299. Swaziland

304. Tanganyika Territory, now included in Tanzania 364

- Tangier Zone, Morocco 212, now included in Morocco 211

- Tanzania 364 now includes:

  Tanganyika Territory 304
  Zanzibar Protectorate 334

306. Thompson Island (formerly), no longer exists

- Togo, formerly French Togo 307

307. Togo, French (formerly), now Togo

309. Transvaal, now included in Republic of South Africa 322

312. Tristan da Cunha Islands

316. Tunisia

319. Ubangi-Shari (formerly), now Central African Republic

320. Uganda

322. Union of South Africa (formerly), now Republic of South Africa, now includes:

  Cape of Good Hope also called Cape Province, 64 includes British Bechuanaland 42
  Natal also called Zululand 216
  Orange Free State also called Orange River Colony 234
  Transvaal 309

- United Arab Republic also called Egypt 96

INDEX OF COUNTRIES OF AFRICA (CONTINUED)

324. Upper Volta

- Urundi also called Burundi 363
- Urundi-Ruanda also called Ruanda-Urundi (Inclusive title) 361
- Verde Islands also called Cape Verde Islands 65
- Walvis Bay, indexed with South-West Africa 56
- Zambia, formerly Northern Rhodesia 227

334. Zanzibar Protectorate, now included in Tanzania 364

- Zululand, included in Natal 216, now included in Republic of South Africa 322

* * * * * * * *

APPENDIX:

344. Rhodesia (Inclusive title) includes:

Northern Rhodesia (formerly), now Zambia 227
Southern Rhodesia (formerly), now Rhodesia 292

359. Italian East Africa also called Africa Orientale Italiana (Inclusive title)

360. Italian Somaliland also called Somalia, now included in Somali Republic 284

361. Ruanda-Urundi (Inclusive title) includes:

Ruanda 362
Burundi also called Urundi 363

362. Ruanda

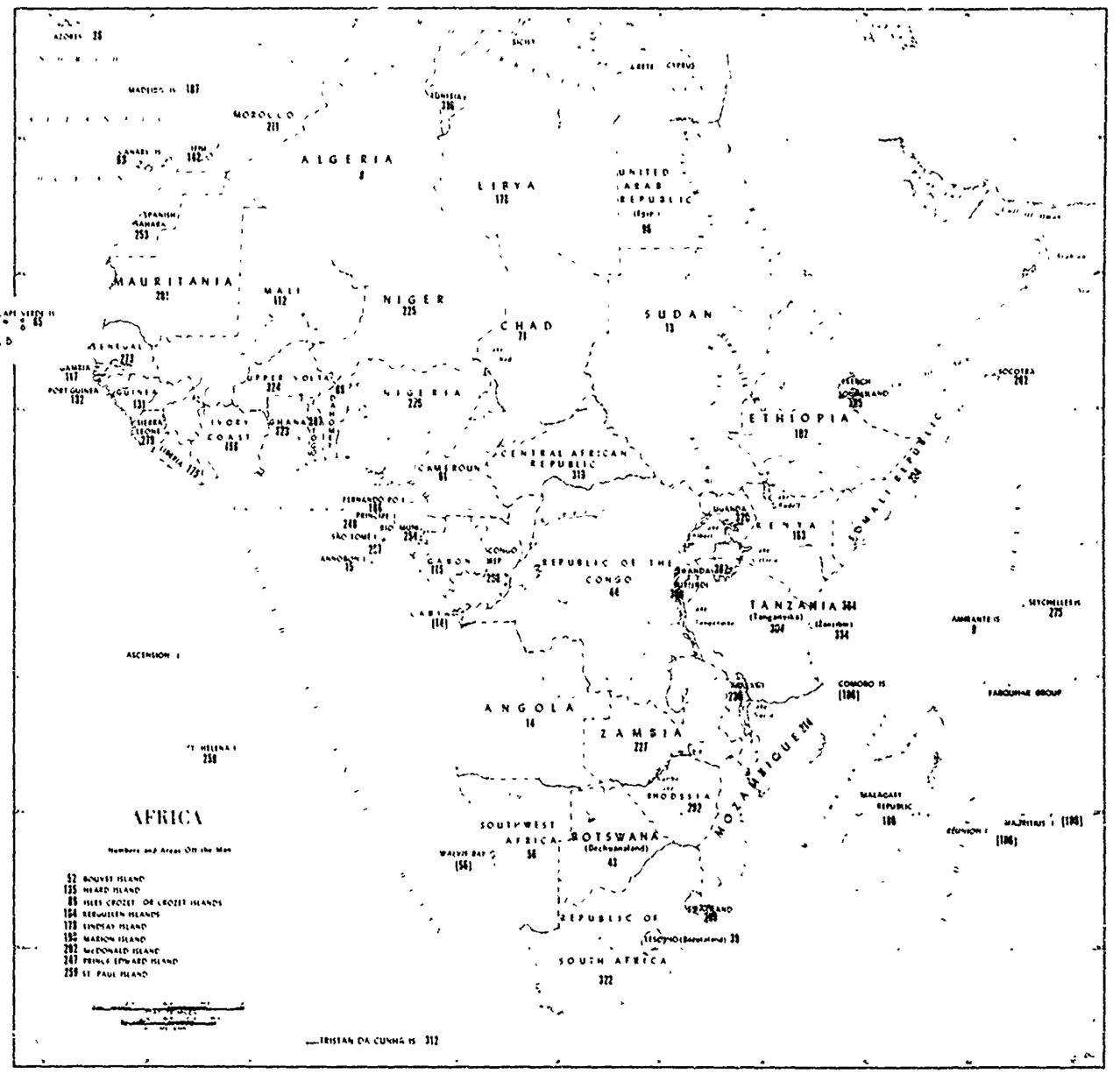
363. Burundi also called Urundi

364. Tanzania, includes:

Tanganyika Territory (formerly) 304
Zanzibar Protectorate (formerly) 334

365. Gulf Islands (Inclusive title) includes:

Annobón Islands 15
Fernando Po Island 105
Principe Island 248
São Tomé Island 267


AFRICA
Numbers and Areas Off the Map
52 BOUVET ISLAND
135 HEARD ISLAND
85 ISLES CROZET OR CROZET ISLANDS
164 KERGUELEN ISLANDS
178 LINDSAY ISLAND
193 MARION ISLAND
202 McDONALD ISLAND
247 PRINCE EDWARD ISLAND
259 ST. PAUL ISLAND
TRISTAN DA CUNHA IS 312
ALGERIA
LIBYA
UNITED ARAB REPUBLIC
MOROCCO
MAURITANIA
MALI
NIGER
CHAD
SUDAN
NIGERIA
ETHIOPIA
CENTRAL AFRICAN REPUBLIC
CAMEROUN
GABON
REPUBLIC OF THE CONGO
KENYA
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ANNOTATED DATA

A. MOSQUITOES

The mosquito entries include information on the biology of the larvae and adults in addition to distribution and disease transmission. As might be expected the mosquitoes constitute a large assortment of species in Africa. The extremely diverse ecological conditions provide habitats that are occupied by about 1000 species or subspecies — the tables include the names of 1037 species or subspecies. The tabulations will show that some of the species have a large documentation of their biology. Usually such species are of great economic importance because they are important vectors. Some species have almost no information except distributional data. Such species are usually uncommon or else are thought to be of little significance as vectors.

Species listed as unconfirmed (Table 3) include only two species not included in Table 1; *Culisata annulata* (Schrank) is included as *Theobaldia annulata* (Schrank), and *Tomorhynchites tasmanni* Enderlein as *Tomorhynchites brevipalpus* Theobald. One species listed as an addendum (Table 5), *Culex impudicus* Ficalbi, does not occur either in Table 1 or 3. The primary entries for the species in Tables 3 and 5 contribute additional distributional data.

So many mosquitoes will bite man that an effort has been made to make a complete listing of mosquito species and subspecies. The synonymy is a difficult problem in this group; thus, many species and subspecies in the lists are not valid names.

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (CHRONOLOGICAL STATEMENTS)	AUTHOR	DATE
[illegible]			
culicomyia Theobald	---; ---; 64	Wanson	1935
	---; ---; 123	Edwards	1941
	Roadside puddles; ---; 326	Wigglesworth	1929
	---; ---; 319, 326	Stone et al.	1959
	---; ---; 320°	Lumsden	1952
	---; ---; 322	Mieschulz et al.	1934
culicomyia kabuchensis Edwards	Bamboo pots, tree holes, coconut shells, steps cut in coconut palms, domestic containers; very rare along coast and highland, bites outside; 163°	van Someren et al.	1955
	Forest pools; ---; 163	Edwards	1941
	---; lowland forest; 320	Haddow et al.	1951
cinereus (Edwards)	Common, in bamboo pots, occasionally in tree holes, coconut shells and steps cut in coconut palms, exceptional in domestic utensils; bites outside and inside houses; 163°	van Someren et al.	1955
	Tree holes; ---; 163, 364	Edwards	1941
	---; bites rarely; 163°	Teesdale	1959
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Tree holes; rare; 322	Muspratt	1955
	---; ---; 322. (Plant axils and artificial containers; suspected vector of yellow fever)	Leeson	1958
	Tree holes usually associated with *A. metallicus*; ---; 364	Harris	1942
	Coconut palms; ---; 364	Edwards	1923
aegypti (Linnaeus)	Wells; July and Sept.; 8	Senevet	1939
	---; common in coasts; 8	Senevet	1936
	---; July-Nov.; 8	Senevet & Andarelli	1960
	---; ---; 9	Mattingly & Brown	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *aegypti* (Linnaeus) (cont.)	Tree holes, rock pools; June, July, indoors, outdoors by day, potential vector of yellow fever; 13	Lewis	1943
	Water containers; able to transmit yellow fever; 13°	Lewis	1947
	Artificial containers; potential urban vector of yellow fever; 13*	Lewis	1953
	Reservoir; ---; 13	Lewis	1948
	---; ---; 14, 115*, 186*, 230, 282, 284, 292. (Artificial containers, rot holes in trees, prefer human blood, bites day and night especially in late afternoon, transmits yellow fever)	Edwards	1941
	---; ---; 36, 54, 63, 111, 112, 131, 176,211, 248 279*, 285, 316	Kumm	1931
	Artificial containers; in thick forest; 43	de Meillon	1947
	---; naturally infected with *Wuchereria bancrofti*; 44	Raghavan	1961
	---; in houses and crab holes; 44	Wanson	1935
	---; ---; 56	de Meillon	1943
	---; houses; 61	Rageau et al.	1953
	Artificial containers; ---; 65	de Meira	1939
	Clear, muddy or putrid water, shallow pools, edges of large ponds, holes near wells; enters houses; 71	Creac'h	1947
	Bamboo and rock cracks, artificial containers; bites in houses in the evening, Nov.-Dec., Apr., May; 89°. ---; ---; 307	Hamon et al.	1956b.
	Saline water; ---; 96	Roubaud & Colas-Belcour	1945
	Artificial containers; domestic; 100°	Lewis	1943a.
	Rock pools; ---; 100**	Giaquinto-Mira	1950
	Rock holes, holes in ground; thicket, Feb.-Mar., Sept.-Dec.; 102	Ovazza et al.	1956
	---; river banks; 102	Bevan	1937
	---; ---; 117*	Findlay & Davey	1936
	Leaf axils, rock pools, ground pools, drains, mud tops of houses, footprints; ---; 123	Berner	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *aegypti* (Linnaeus) (cont.)	Rock pools under shade or sunlight; ---; 123, 163, 226. Rock pools with rotting leaves; ---; 344	Philip	1962
	Natural and artificial containers; ---; 123	Surtees	1958
	---; ---; 123*	Purcell	1937
	---; common, in dense coastal and inland forests, in savannah with heavy or light rainfall; 156	Doucet et al.	1960
	---; peridomestic, coconut groves; 156. (Bites man, activity at end of afternoon)	Doucet & Cachan	1961
	Tree holes, domestic containers, tanks, coconut shells, bamboo pots, plant axils, wells, rock holes, steps cut in coconut palms, ground pools, puddles on floors of native huts; ---; 163	van Someren et al.	1955
	Rock and river pools; forest; 163	Garnham et al.	1946
	---; peaks of activity in morning and at sunset, bites indoors and out; 163*	Lumsden	1958
	---; enters houses, suspected vector of yellow fever; 163	Teesdale	1955
	---; May-Jan., in houses, diurnal, bites day and night; 163*	van Someren et al.	1958
	---; naturally infected with microfilariae; 163	Heisch et al.	1956
	---; all year; 163	Teesdale	1959
	Tree holes, banana axils, artificial containers; ---; 175	Rozeboom & Burgess	1962
	---; abundant in Apr.-May, Oct.-Nov.; 175. ---; partial development of *Dipetalonema perstans*; 320. (Vector of yellow fever and dengue fever)	Bequaert	1930
	---; indoors; 175	Briscoe	1950
	Rock holes with much vegetable debris and often without light; ---; 186	Hamon	1954c.
	Tree holes; ---; 186*	Grjebine	1954
	---; naturally infected but only with undeveloped filariae; 186	Huehns	1953
	---; in houses, May-Nov., peak July-Sept.; 211	d'Anfreville	1915
	---; enters houses, nocturnal; 212*	Charrier	1924
	---; coastal, inland lowland; 214. ---; naturally infected with Chikungunya virus; 322. (Appears to be primary vector of Chikungunya virus)	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *aegypti* (Linnaeus) (cont.)	Tree holes; abundant and very active in houses, crepuscular; 226. (Vector of yellow fever)	Kerr	1933
	Artificial containers, snail shells, banana leaf axils; ---; 226*	Surtees	1959
	Rain barrels and other water containers; ---; 226. (Important yellow fever transmitter)	Zumpt	1937
	Crab holes; ---; 226	Dunn	1928
	---; suspected vector of *Wuchereria bancrofti*, experimentally infected with filaria; 226. ---; complete development of filaria; 230, 279. (Beginning in development of larvae of *Filaria ozzardi*, intermediate host of *Filaria tucumana*)	Neveu-Lemaire	1933
	---; experimental transmission of Uganda S virus; 226	Boorman	1962
	---; common in wet season, least common in dry season; 226	Mellanby	1956
	---; experimentally infected with yellow fever; 226	Philip	1962a.
	---; Mar.-Oct.; 226°	Service	1963
	Tree holes, artificial containers; ---; 227	Muspratt	1945
	---; ---; 227°	Robinson	1948
	---; ---; 230, 292. (Larvae occur in artificial containers and tree holes, female bites man inside and outside dwellings in the evening mainly at ground level, transmits yellow fever and dengue.)	Leeson	1958
	---; ---; 267	da Costa Pinhão & da Costa Mourão	1961
	Clear water in small holes of baobab tree trunks, artificial containers exposed to sun and with turbid water; ---; 273. ---; in houses; 320	Kartman et al.	1947
	---; domestic; 273	Couvy	1927
	---; main vector of Chikungunya virus; 292*	McIntosh et al.	1963
	Plant axils in plantations, tree holes in forest; bites by day in lowland forest and plantations, by night in canopy; 320°	Haddow et al.	1951
	Tree holes; rare; 320	Mahaffy et al.	1942
	---; unusual habitat, uninhabited forest areas; 320	Smithburn & Haddow	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
aegypti (Linnaeus) (cont.)	---; naturally and experimentally infected with Uganda S virus; 320	Boorman	1958
	Artificial containers, plant axils, rarely in pools, swamps, streams, dams, troughs, or crab holes; common, widely distributed; 322	Muspratt	1955
	Tree holes, tank; ---; 322	Steyn et al.	1955
	---; May, June; 324	Sautet et al.	1958
	---; in houses; 361	Mattingly	1949
	Rock holes, artificial containers, coconut shells, water pots, flower vases, tins and scrap iron; ---; 364	Harris	1942
	Artificial containers, escarpment scree;---; 364	Lumsden	1955a.
	Top of coconut palms; ---; 364	Haworth	1922
	Tree holes; ---; 364	Smith	1956
	---; in houses, bites at daylight, peaks of biting activity in early morning and late afternoon; 364°	Lumsden	1957
aegypti aegypti (Linnaeus)	---; ---; 156	Doucet & Cachan	1961
	---; bites inside and outside houses; 163°	van Someren et al.	1955
	Artificial containers, tree holes; ---; 226	Hanney	1960
aegypti var. *atritarsis* Edwards	---; ---; 123	Edwards	1941
aegypti formosus (Walker)	---; ---; 43, 44, 115, 175, 279, 322, 344, 364. Tree holes; ---; 292.	Mattingly	1957
	---: ---; 156	Doucet & Cachan	1961
	---; along coasts, frequents bush; 163°	van Someren et al.	1958
	---; in huts; 163, 320	McClelland	1959
	Artificial containers, tree holes; ---; 226	Hanney	1960
	---; ---; 292°	McIntosh et al.	1963

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
aegypti var. *queenslandensis* Theobald	---; experimental transmission of yellow fever organism; 13°	Lewis	1943
	Artificial containers; bites by day, domestic; 100°	Lewis	1943a.
	---; along coast, in houses frequently; 163°	van Someren et al.	1958
	---; abundant Apr.-May; 163	Heisch et al.	1959
	---; ---; 186, 273	Mattingly & Bruce-Chwatt	1954
	Tree holes; ---; 226	Hanney	1960
	---; vector of Chikungunya virus; 292*	McIntosh et al.	1963
	Artificial containers; ---; 284	van Someren	1943
	---; in houses; 364	McClelland	1959
africana Newstead	---; ---; 206	Sice & Vaucel	1928
africanus (Theobald)	---; experimental transmission of yellow fever; 13	Lewis	1947
	Tree holes, artificial containers, bamboo stems; ---; 14, 44. 102, 123, 175, 226, 279,292, 320. (Prefers human blood, capable of carrying yellow fever)	Edwards	1941
	In rivers, on dead leaves, on *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
	Crab holes; ---; 44	Wanson	1935
	---; suspected vector of jungle yellow fever; 44	Lebrun	1963
	---; heavy forest; 44	Laarman	1958
	---; ---; 54*°	Lewis	1953
	---; ---; 57, 111, 113, 267	Stone et al.	1959
	---; along brooks; 61. ---; forest gallery of savannah region; 89, 112, 307, 324. ---; abundant Mar.-May, houses; 175. Fallen leaves and empty coconut shells; ---; 226	Doucet & Cachan	1961
	Artificial containers; bites at sunset, Apr.-May; 89°	Hamon et al.	1956b.
	---; in houses, Mar. and Sept.; 102. (May transmit yellow fever from monkey to man)	Giaquinto-Mira	1950
	---; ---; 131, 214, 230	Kumm	1931
	---; in dense coastal and inland forests; 156	Doucet et al.	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *africanus* (Theobald) (cont.)	---; bites 1 a.m. and 10 a.m.; 156°	Doucet	1961 (1962)
	Pools, artificial containers, granite holes, tree tops; ---; 163	Garnham et al.	1946
	Bamboo, rare; ---; 163	Service	1958
	---; at lower forest levels peak of activity after sunset; 163°	Lumsden	1958
	---; in huts; 163	Garnham & Harper	1944
	Coconut husks; ---; 175	Rozeboom & Burgess	1962
	---; bites outdoors, in huts, tree holes; 175°	Peters	1956
	---; bites during day; 175°	Bequaert	1930
	---; attack about 1 p.m., under shade of forest gallery; 206°	Hamon et al.	1957 (1958)a.
	Rain-filled holes in white mangrove; ---; 226	Gilroy & Bruce-Chwatt	1945
	In rot holes of trees, at ground level and near tree tops; ---; 226. ---; ---; 319	Mattingly & Bruce-Chwatt	1954
	Tree holes in forest; ---; 226	Hanney	1960
	Artificial containers; ---; 226	Boorman & Service	1960
	---; bites outdoors, rarely indoors; 226°.	Kerr	1933
	---; experimental transmission of yellow fever, crepuscular and arboreal; 226	Bruce-Chwatt	1950
	---; bites mainly after sunset, Feb.-Nov.; 226°	Mattingly	1949
	---; ---; 227. (Tree holes and artificial containers, forest canopy, principal vector of endemic forest yellow fever)	Leeson	1958
	Between forks of three-stemmed tree at ground level, tree hole, banana tree, near bungalow, stream; ---; 279	Evans	1925
	---; peak of activity after sunset, preference for upper levels, canopy, marked diurnal activity at ground level and up to canopy; 320°	Williams	1963
	---; arboreal and crepuscular biting habits, mountain and lowland forests; 320°	Haddow & van Someren	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
africanus (Theobald) (cont.)	---; bites day and night in plantations; 320°	Haddow et al.	1951
	---; naturally infected with Chikungunya virus; 320	Weinbren et al.	1958
	---; suspected vector of yellow fever virus; 320	Haddow et al.	1947
	---; potential vector of yellow fever; 320	Mahaffy et al.	1942
	---; all year; 320	Corbet	1963a.
	Tree holes; ---; 364	Smith	1956
	---; in caves among vegetation at the base of rocks, bites by day in the open; 364°	Corbet	1964
	---; in houses; 364	Smith	1955
albicosta (Edwards)	---; ---; 13	Stone et al.	1959
	---; May-Mar., morning and evening biting peak in bush; 163°	van Someren et al.	1958
	---; bites outdoors and indoors; 163°	van Someren et al.	1955
	---; June-Apr.; 163	Teesdale	1959
	---; ---; 284	Edwards	1941
	Pools; enters houses; 364	Harris	1942
	---; bites during day; 364°	Lumsden	1955a.
albineus Séguy	In wells, in salt water; ---; 8. ---; ---; 316	Séguy	1924
alboannulatus Theobald	---; bites indoors in early morning; 275°	Mattingly & Brown	1955
albocephalus (Theobald)	Permanent water, crab holes; ---; 44, 61, 117, 123, 186, 226, 275, 279, 292, 320, 322, 364	Edwards	1941
	In river; ---; 44	Schwetz	1927
	Fresh water in small boat, grassy edges of brackish lagoon; bites at sunset; 89°	Hamon et al.	1956b.
	Pools, streams, rice fields with or without vegetation, hoof prints; in huts; 117°	Bertram et al.	1958
	In canoe; ---; 117. ---; thick brush during day, Feb., May-June, Aug.-Dec., Jan.; 322	Bedford	1928
	In wells and swamps, rarely in drains, sometimes in tins and tree holes; bites indoors and outdoors; 163°	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
alboscephalus (Theobald) (cont.)	---; May-Jan.; 163	Teesdale	1959
	---; May; 186. ---; Apr.; 364	Hamon et al.	1961
	---; ---; 186°	Grjebine	1954
	---; coastal, inland lowland, highland; 214°	Brooke Worth & de Meillon	1960
	Pools, artificial containers; ---; 226	Zumpt	1937
	Rock pools; ---; 279	Evans	1926
	---; ---; 292, 322. (Grassy pools, drains, and seaweeds, females have been found naturally infected with the virus of Rift Valley fever.)	Leeson	1958
	Grassy swamps, pools in slashed *Phoenix* swamp and papyrus swamp burnt earlier, high altitude grassy swamps, in clear water; ---; 320	Goma	1960
	---; lowland forest canopy and plantations; 320	Haddow et al.	1951
	Pure sea water in seepage pools in swamp streams, dams, troughs; ---; 322. (Crab holes with brackish water)	Muspratt	1955
	---; naturally infected with Middleburg virus; 322	Brooke Worth et al.	1961
	Marsh pools, creeks and drains; ---; 364	Harris	1942
albomarginatus Newstead	---; ---; 14	Gândara	1958
	---; ---; 44	Edwards	1941
	---; open forest; 163°	Garnham et al.	1946
	---; bites by day in lowland forest and plantations, scarce by night in forest; 320°	Haddow et al.	1951
albopictus (Skuse)	(Partial development of *Wuchereria bancrofti* larvae, but mosquitoes lived only 12 days after infection)	Neveu-Lemaire	1933
	---; ---; 9. ---; bites outdoors all day; 275°	Mattingly & Brown	1955
	---; experimental transmission of West Nile virus; 96	Taylor & Hurlbut	1953
	Collections of stagnant water rich in organic matter exposed to sun or not, bamboo stems; houses, bites in daylight, expecially in shade and sunset; 186°	Hamon	1954c.
	Grassy pools, crab holes; bites outdoors and in houses, day and night, maximum 7 p.m.; 186°	Hamon	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
albopictus (Skuse) (cont.)	Tree holes, artificial containers; ---; 186	Edwards	1941
	---; naturally infected but only with undeveloped filariae; 186	Huehne	1953
	---; ---; 201	Schwetz & Edwards	1927
	---; ---; 226	Gilroy & Bruce-Chwatt	1945
	---; ---; 285. (Vector of yellow fever, also conveys dengue fever)	Kumm	1931
albothorax (Theobald)	---; bites by day; 13°	Lewis	1947
	---; ---; 14, 54	Stone et al.	1959
	---; ---; 44, 117, 230, 320, 364	Edwards	1941
	---; ---; 102	Ovazza et al.	1956
	Swamps; commonly bites outdoors, rarely indoors; 163°	van Someren et al.	1955
	---; June-Aug., Oct.-Mar., in bush; 163	van Someren et al.	1958
	---; ---; 214	Brooke Worth & Paterson	1961
	---; lowland forest and plantations, bites by day and night; 320°	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	---; bites by day; 364°	Lumsden	1955a.
alboventralis (Theobald)	Axils of *Sanseviera* and banana; June and July; 13°	Lewis	1943
	More or less permanent pools with little vegetation; ---; 13, 14, 4', 163, 292, 320	Edwards	1941
	---; ---; 206	Stone et al.	1959
	---; ---; 292, 322. (Inhabit grassy swamps, streams, pools and marshes)	Leeson	1958
	Common in open pools in swampy grounds; ---; 320	Gomm	1960
	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
amaltheus de Meillon & Lavoipierre	---; bites in forest; 43°	de Meillon	1947
	Tree holes; ---; 227	Muspratt	1945

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
amalthous de Meillon & Lavoipierre (cont.)	---; ---; 292	Stone et al.	1959
	Tree holes; ---; 322	Muspratt	1955
angustus Edwards	---; ---; 44	Stone et al.	1959
	Bored bamboo; ---; 163	Mattingly	1953
	Bamboos; ---; 320	Edwards	1941
apicoannulatus (Edwards)	Decaying banana fiber; ---; 123	Macfie & Ingram	1923
	---; in dense inland forests; 156	Doucet et al.	1960
	Tree holes; ---; 226	Dunn	1927
	---; experimentally infected with yellow fever; 226*. Artificial containers, water holes at roots of trees; ---; 279	Bauer	1928
	---; mango trees; 226	Connal	1926a.
	Tree holes, dead stumps of banana plants and stems; ---; 279	Evans	1926
	Rot holes in trees; ---; 322	Ingram & de Meillon	1927
apicoargenteus (Theobald)	Tree holes, bamboo stems; ---; 13, 44, 61, 123, 175, 226, 279, 320	Edwards	1941
	Artificial containers, in rivers, on dead leaves and *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
	---; heavy forests and clearings; 44	Laarman	1958
	---; ---; 54, 57, 111, 113	Stone et al.	1959
	Bamboo cracks, artificial containers; ---; 89	Hamon et al.	1956b.
	Artificial containers, rock pools, cocoa husks; ---; 123	Surtees	1958
	---; in bush; 123. Bamboo filled with water; enters houses, bites in full daylight; 226	Bauer	1928
	Rock pools; July-Aug.; 131	Kremer	1960
	---; in dense coastal forest and in savannah with heavy rainfall; 156	Doucet et al.	1960
	---; aggressive at daytime; 156, 226*	Doucet & Cachan	1961
	---; bites in the morning; 156*	Doucet	1961 (1962)

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
apicoargenteus (Theobald) (cont.)	Tree holes; ---; 163°	Garnham et al.	1946
	In holes of cut tree trunks; ---; 175	Bequaert	1930
	Artificial containers; ---; 175	Peters	1956
	Artificial containers; banana and pineapple leaf axils; ---; 226	Surtees	1959
	Rock pools; ---; 226	Philip	1962
	---; Sept.; 226	Zumpt	1937
	Artificial containers; ---; 273	Hamon et al.	1956a.
	Stream near river, latrine wash bucket; ---; 279	Evans	1925
	---; bites day and night in lowland forest and canopy, occasionally in plantations at night; 320°	Haddow et al.	1951
	---; prefers under storey, diurnal, peak of activity before midday; 320	Williams	1963
	---; all year; 320	Corbet	1963a.
	---; ---; 322	Nieschulz et al.	1934
	---; ---; 324	Mattingly & Bruce-Chwatt	1954
	Tree holes; ---; 364	Smith	1956
	---; bites at daytime, not common in Jan.-Feb.; 364°	Smith	1955
apicoargenteus dendarensis Wolfs	---; ---; 44	Stone et al.	1959
arabiensis (Patton)	Transitory rain or flood-water pools with little vegetation; ---; 13	Edwards	1941
	Reservoir; ---; 13	Lewis	1948
	---; ---; 13°	Lewis	1955
	---; ---; 100	Stone et al.	1959
argenteopunctatus (Theobald)	---; bites day and night; 13°	Lewis	1947
	---; ---; 13. ---; forest; 322	Bedford	1928
	---; ---; 14	Gândara	1958
	---; thick forest; 43°	de Meillon	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
argenteopunctatus (Theobald) (cont.)	---; ---; 43. ---; forest species at ground level only; 320°. (Larva found in ground and river pools.)	Leeson	1958
	---; ---; 44, 123, 163, 226, 227, 230, 279, 292, 320. (Rain or flood pools)	Edwards	1941
	Bamboos; ---; 61, 226	Doucet & Cachan	1962
	Leaf axils, grassy edge of lakes, grassy puddles; ---; 89. Grassy edge of streams; ---; 307	Hamon et al.	1956b.
	---; indoors; 102	Giaquinto-Mira	1950
	---; ---; 131	Toumanoff & Simond	1956 (1957)
	---; in dense coastal forests; 156	Doucet et al.	1960
	Swamps, wells, drains, pits, tree holes, artificial containers; bites outdoors, occasionally enters houses; 163°	van Someren et al.	1955
	---; June-Dec.; 163	van Someren et al.	1958
	In puddles; ---; 175	Fox	1958
	---; males visiting flowers in primary forest in daytime; 175	Peters	1956
	---; low vegetation in underwood of forests; 206	Hamon et al.	1957 (1958)a.
	---; naturally infected with Semliki Forest virus; 214	McIntosh et al.	1961
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Streams with overgrown vegetation; bites early evening and afternoon; 226°	Hanney	1960
	---; June, July, Sept.; 226	Service	1963
	---; in houses; 273	Hamon et al.	1956a.
	---; ---; 319	Stone et al.	1959
	---; bites day and night in lowland forest and canopy, occasionally in plantations at night; 320°	Haddow et al.	1951
	Tree holes; ---; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
argenteopunctatus (Theobald) (cont.)	---; ---; 344	Nieschulz et al.	1934
	Small pools among grass; found on passenger train; 364	Harris	1942
	In erosion gullies, river banks, rock crevices; ---; 364	Smith	1955
argentisoventralis (Theobald)	Bamboos; ---; 61, 226	Doucet & Cachan	1962
	Leaf axils; ---; 89	Hamon et al.	1956b.
	---; ---; 123, 279	Edwards	1941
	---; in dense coastal forests; 156	Doucet et al.	1960
	---; males visiting flowers in primary forest in daytime; 175	Peters	1956
	---; ---; 319	Stone et al.	1959
argentiventralis	Tree holes, bamboo stems; ---; 44, 226	Edwards	1941
var. *dunni* Evans	Water in bamboo trunks; ---; 61	Rageau & Adam	1953
argenteus Poiret	---; ---; 13, 230, 320, 344, 364. Troughs; ---; 322. (Transmits yellow and dengue fevers)	Nieschulz et al.	1934
	Tubs and pots near houses; sometimes in houses; 44	Schwetz	1927
	---; in houses, Dec.-Jan.; 63	Séguy	1921
	---; Mar.-Apr.; 63°	Christophers	1929
	---; in houses; 89	Bauvallet	1931
	In or close to houses, artificial containers, water tanks, barrels and wells, sakia and burrow pits, stagnant water in drains; in houses all year, railway carriages, bites by day; 96°. (Transmits yellow fever, dengue, and probably filariasis)	Kirkpatrick	1925
	---; ---; 100, 176	Brighenti	1930
	In forest and savannahs, in depressions which accumulate water, at the base of trees, leaf axils; very domestic, in houses; 115°	Galliard	1931b.
	Artificial containers; ---; 115	Galliard	1932a.
	Rotting wood from old canoes; ---; 123	Macfie & Ingram	1923
	---; ---; 163	Anderson	1924

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
argenteus Poiret (cont.)	---; ---; 175, 273*	Rodhain	1928
	---; ---; 186	Edwards	1920a.
	Artificial containers; ---; 226	Connal	1926a.
	---; from a well; 226	Connal	1926
	Latrine washing bucket, rock pool, tree hole; ---; 279	Evans	1925
	Artificial container; carrier of yellow fever and transmits *Wuchereria bancrofti* and dengue fever; 322**	Bedford	1928
	Tree holes, house tank; ---; 322	Ingram & de Meillon	1927
	Crowns of coconut palms; Aug., Sept., Oct.; 364	Haworth	1924
aurovenatus Brooke Worth	---; ---; 322	Brooke Worth & Paterson	1961
bambusae Edwards	---; ---; 44, 319	Stone et al.	1959
	Tree holes, granite boulder holes, artificial containers; forest, enters houses; 163	Garnham et al.	1946
	Bamboos; ---; 320	Edwards	1941
bambusae kenyae van Someren	---; ---; 163	Stone et al.	1959
bananea Wolfs	---; ---; 44	Stone et al.	1959
barnardi Edwards	---; ---; 56	Edwards	1924a.
	Tree holes; restricted to mountains and coastal timber forests, bites frequently; 322*	Muspratt	1955
bedfordi Edwards	---; ---; 322	Brooke Worth & Paterson	1961
bequaerti Wolfs	In rivers; ---; 44	Mattingly & Lips	1953
berlandi Séguy	---; ---; 8, 211	Stone et al.	1959
	---; ---; 316	Rioux	1958
bevisi (Edwards)	---; ---; 55	Bedford	1928
	---; coastal; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
bevisi (Edwards) (cont.)	Pools, streams, swamps, dams, troughs, crab holes; usually in coastal or mountain forest; 322*	Muspratt	1955
	---; ---; 322	Brooke Worth & Paterson	1961
blacklocki Evans	Tree hole; ---; 279	Evans	1925
bolensis Edwards	---; ---; 123	Edwards	1941
	Little grassy temporary pools; ---; 324	Hamon & Rickenbach	1954 (1955)
boneti Gil Collado	Rock holes along shaded torrent; ---; 61	Rageau & Adam	1953
	---; ---; 106	Stone et al.	1959
	Rock pool in bed of densely shaded stream; ---; 226	Hopkins	1952
	---; ---; 365	Edwards	1941
boneti kumbae Bruce-Chwatt	Rock pools in stream; ---; 226	Bruce-Chwatt	1948
breedensis Muspratt	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
caballus (Theobald)	Temporary water; ---; 13, 56, 292	Edwards	1941
	---; ---; 39, 100*	Steyn	1958
	---; ---; 43. Pools, streams, swamps, dams, troughs, crab holes; widely distributed; 322**	Muspratt	1955
	Rock holes of waterfall in wooded savannah; ---; 102	Ovazza et al.	1956
	Temporary places such as furrows, small and medium sized pans or slight depression forming part of the veld, marsh spots covered with grass and filled with rain water; ---; 163, 322	Nieschulz et al.	1934
	---; ---; 292. (Ground pools and furrows, bites man day and night, a vector of Rift Valley fever)	Leeson	1958
	---; naturally infected with Rift Valley fever and experimentally capable of transmission while feeding; 322	Gear et al.	1955
	---; nocturnal and diurnal, vicious biters; 322*	Bedford	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
calceatus Edwards	---; ---; 43	Stone et al.	1959
	Bamboo pots, coconut shells, tin cans, tree holes; rarely bites outdoors; 163°	van Someren et al.	1955
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Tree holes, artificial containers; ---; 227	Muspratt	1945
	---; naturally infected with Chikungunya virus; 292	McIntosh et al.	1963
	Tree holes; rare; 322	Muspratt	1955
	Leaf bases of coconut palms; ---; 364	Edwards	1924
caliginosus (Graham)	---; ---; 123	Edwards	1941
	---; ---; 226	Stone et al.	1959
capensis Edwards	---; ---; 54°	Muspratt	1955
	---; ---; 56	Edwards	1924
	---; ---; 102	Bedford	1928
	Granite holes, artificial containers; ---; 163°	Garnham et al.	1946
	Tree holes, bamboo stems; ---; 163, 322	Edwards	1941
	---; highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 230. (Larvae in tree holes and bamboo)	Leeson	1958
	Forest tree holes; bites by day in lowland and highland forests, scarce by night in forest; 320°	Haddow et al.	1951
carteri Edwards	---; ---; 123, 175, 226	Stone et al.	1959
	---; forest lowlands, bites occasionally during the day and night; 320°	Haddow et al.	1951
cartroni Ventrillon	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schwetz & Edwards	1927
caspius (Pallas)	Salt water; ---; 8	Senevet et al.	1949
	---; all year; 8	Senevet & Andarelli	1960
	Inland salt or alkaline regions, temporary water; ---; 13	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
caspius (Pallas) (cont.)	Canals, pools; ---; 13	Lewis	1944a.
	---; ---; 13°	Lewis	1955
	---; ---; 63	Christophers	1929
	Pools with vegetation, borrow pits, slow moving or stagnant drains, occasionally at edges of fast flowing canals, brackish pools, sakia pits, wells; occasionally enters houses, bites ferociously just before sunset and in broad daylight, all year; 96°	Kirkpatrick	1925
	In seepage and surface water, sometimes in rice fields; abundant all year especially during autumn and winter, minimum June-Sept., bites severely outdoors; 96°	Gad	1956
	---; common in cultivated areas, July-Oct.; 96	Hurlbut & Weitz	1956
	---; ---; 102	Giaquinto-Mira	1950
	Abandoned wells; common in salty desert terrain; 176	Vermeil	1953a.
	---; ---; 316	Colas-Belcour	1931
centropunctatus (Theobald)	Crab holes; ---; 13, 123	Edwards	1941
	---; ---; 57	Stone et al.	1959
	Crab holes; ---; 226°	Hanney	1960
	---; Nov.; 226	Service	1963
	---; ---; 320°	Corbet et al.	1961
	---; ---; 324	Hamon & Adam	1959
chaussieri Edwards	---; ---; 44, 344	Schwetz & Edwards	1927
	---; ---; 227. (Bites man at dusk)	Laeson	1958
cinereus Meigen	---; ---; 176°	Zanon	1922
circumlutcolus (Theobald)	Temporary water; ---; 13, 44, 226, 230, 320	Edwards	1941
	---; bites at night; 13°	Lewis	1947
	---; ---; 14	Gândara	1958
	---; common in forest and bush near swamps, bites in afternoon; 43°	de Meillon	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *circumluteolus* (Theobald) (cont.)	---; ---; 43, 230, 322. (Marshy ground and grassy pools, bites man, outside in daytime). Marshy ground and grassy pools; ---; 292	Leeson	1958
	---; ---; 54. Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	Little pools; bites 4 p.m. in shade; 89°	Hamon	1954b.
	---; Apr., May, Nov.-Dec., bites at sunset; 89°	Hamon et al.	1956b.
	---; in houses in evening, sugar plantations, thorny thickets on river banks, under cover in forest; 102	Ovazza et al.	1956
	---; in dense coastal and inland forests, in savannah with heavy rainfall; 156	Doucet et al.	1960
	---; second growth forest; 163	Garnham et al.	1946
	---; ---; 163°	Corbet et al.	1961
	---; coastal, inland lowland, highland; 214. ---; naturally infected with Spondweni, Wesselsbron, Pongola, Simbu, AR 136, Bunyamwerea, and Rift Valley fever viruses; 322	Brooke Worth & de Meillon	1960
	---; Feb., Apr., June, Aug.-Nov., Sept.-Oct., bites mainly in late afternoon and early morning; 226°	Mattingly	1949b.
	In littoral swamps near dry land, in permanent and seasonal inland swamps; ---; 320	Goma	1961
	Palm and acacia belts along river; ---; 320	Smithburn et al.	1946
	---; naturally infected with Lungo virus; 320	Weinbren et al.	1957
	---; active at night; 320	Corbet & Haddow	1961
	---; ---; 320°	Corbet	1963a.
	---; shallow temporary pools with grass, near water, feeds near ground, numerous in summer; 322°	de Meillon et al.	1957
	---; naturally infected with Middleburg and Ndumu virus; 322	Brooke Worth et al.	1961
	---; naturally infected with Zika virus; 322	Boorman	1960
	---; lice in phoretic association; 322	Brooke Worth & Paterson	1960
	---; ---; 322. (Laboratory vector of Wesselsbron virus)	Muspratt et al.	1957

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
circumlutzolus (Theobald) (cont.)	---; in houses; 361	Mattingly	1949
	---; on vegetation near swamps; 364	Smith	1955
congolensis Edwards	---; ---; 44, 123	Stone et al.	1959
	---; bites day and night in lowland forest, plantations, canopy, scarce by day in open ground; 320°	Haddow et al.	1951
contiguus Edwards	---; bite in houses at 7 p.m., in houses in evening in Sept., but rare after that date; 102°	Ovazza et al.	1956
	Tree holes, leaf axils; ---; 292, 322	Edwards	1941
	---; ---; 292, 322. (Bites man outdoors)	Leeson	1958
crassiforceps Edwards	---; ---; 44	Schwetz & Edwards	1927
cummingii (Theobald)	---; ---; 13, 44, 320. (Temporary water)	Edwards	1941
	---, ---; 13°	Lewis	1955
	---; ---; 14	Brooke Worth & Paterson	1961
	---; in houses; 44, 361	Mattingly	1949
	---; ---; 61, 89, 175, 279	Stone et al.	1959
	---; near rivers; 112	Hamon	1954
	---; ---; 123	Mattingly	1947
	---; in dense inland forests; 156	Doucet et al.	1960
	---; enters houses; 163	Haddow	1942a.
	---; ---; 227. (Muddy pools, bites man outdoors day and night)	Leeson	1958
	---; ---; 230	Nieschulz et al.	1934
	Rice fields; ---; 273	Hamon et al.	1956a.
	---; ---; 284	van Someren	1943
	Temporary rain puddle; ---; 307	Hamon et al.	1956b.
	Ground pools in forests; bites day and night in lowland forest plantation, and open ground; 320°	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; tree bark in thick bushes between 3 and 5 p.m., Feb.; 322	Bedford	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
cumminsii (Theobald) (cont.)	---; naturally infected with Spondweni virus; 322	Brooke Worth et al.	1961
	---; ---; 324	Hamon	1954a.
cumminsii var. *daruensis* Evans	River; ---; 279	Evans	1925
cumminsii holocinctus Edwards	---; in bush; 163	van Someren et al.	1955
	---; bites by day in lowland forest; 320°	Haddow et al.	1951
cumminsii mediopunctatus (Theobald)	---; ---; 44	Schwetz & Edwards	1927
	---; ---; 123, 279	Edwards	1941
	Swamps, wells; rarely bites outdoors; 163°	van Someren et al.	1955
	---; May, July-Dec., Feb., in bushes; 163	van Someren et al.	1958
	---; Jan.; 163	Teesdale	1959
	Temporary ground pools with decomposing organic matter, grass, and *Lemna*; ---; 175	Peters	1956
	---; coastal; 214. ---; naturally infected with Spondweni virus; 322	Brooke Worth & de Meillon	1960
	---; ---; 226°	Hanney	1960
	---; ---; 292°	McIntosh et al.	1963
	---; bites by day in lowland forest; 320°	Haddow et al.	1951
dalzieli (Theobald)	Permanent pools with vegetation; ---; 13, 44, 214, 226, 292	Edwards	1941
	---; ---; 13. (Probably bites man)	Lewis	1955
	Temporary rain puddles; ---; 89	Hamon et al.	1956b.
	---; ---; 214, 292. (Puddles, streams and dung pits)	Leeson	1958
	---; bites outdoors in early evening, rarely in houses; 226°	Hanney	1960
	Rice fields; ---; 273	Hamon et al.	1956a.
	---; ---; 364	Smith	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
deboeri Edwards	Tree holes; ---; 163	van Someren	1945
	---; ---; 322°	de Meillon & Lavoipierre	1944
	Tree holes; ---; 364	Harris	1942
deboeri demeilloni Edwards	Forest breeder, tree holes; ---; 163	Garnham et al.	1946
	---; forest; 320	Haddow & Mahaffey	1949
	---; ---; 320°	Haddow et al.	1947
	Leaf axils; ---; 322	Edwards	1941
demeilloni Edwards	Plant axils, rarely in tree holes; ---; 322	Muspratt	1955
dendrophilus Edwards	Artificial containers; ---; 44	Lambrecht & Zaghi	1960
	---; ---; 54, 57, 106, 319	Stone et al.	1959
	---; ---; 61	Doucet & Cachan	1962
	Cut bamboos, banana stumps; ---; 123	Macfie & Ingram	1923a.
	Tree holes, bamboo stems; ---; 123, 226, 279	Edwards	1941
	---; dense coastal and inland forests; 156	Doucet et al.	1960
	Bamboo pots, tree holes; enters houses; 163	van Someren et al.	1955
	---; ---; 227. (Tree holes from ground level up to 160 feet, plant axils, rock holes, bamboo stumps, forest, bites man, outdoors day and night, transmits Rift Valley fever)	Lewson	1958
	Forest tree holes, bites day and night in lowland forest and canopy, occasionally in plantations by day; 320°	Haddow et al.	1951
	---; prefers ground level in forest, diurnal; 320	Haddow	1961a.
	---; naturally infected with Rift Valley fever; 320	Dick	1953
	Tree holes; ---; 322	Muspratt	1955
dentatus (Theobald)	---; ---; 13. Temporary ponds or small pond-like depressions with dead leaves and bottom consisting of mud, shaded pools near irrigation canals, water reservoirs; ---; 322	Nieschulz et al.	1934

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
dentatus (Theobald) (cont.)	---; ---; 13°	Lewis	1947
	---; ---; 14	Gåndara	1958
	---; in houses; 44, 361	Mattingly	1949
	---; ---; 54, 100	Stone et al.	1959
	In seepage water with high concentration of salt, sometimes in drains; enters houses, bites outdoors at daytime, moderate numbers in Feb.-May; 96°	Gad	1956
	Ground holes; ---; 102	Ovazza et al.	1956
	---; ---; 163. ---; common Sept.-June; 322	Bedford	1928
	Often common after heavy rains at edges of swamps among grass in clear, shallow water at swampy edge of lake, in ditches overgrown with grass in abandoned previously cultivated papyrus swamp, open temporary swamps; ---; 320	Goma	1960
	---; bites day and night in highland forest, rare by night in canopy; 320°	Haddow et al.	1951
	Pools, swamps, streams, dams, troughs, crab holes; common and widely distributed; 322	Muspratt	1955
	Quarry; ---; 322	Steyn et al.	1955
	---; ---; 322. (Rain pools, swampy pools, bites man, outdoors day and night)	Leeson	1958
detritus (Haliday)	Salt marshes, irrigation canals; ---; 8. ---; along coast; 211	Senevet et al.	1954
	---; all year; 8	Senevet & Andarelli	1960
	---; ---; 8, 316. (Salt water of pools near sea coast)	Vermeil	1953b.
	---; Mar.; 63	Séguy	1921
	Salt pools, stagnant salt drains; bites readily by day and evening, Jan.-July; 96°	Kirkpatrick	1925
	---; ---; 176	Goodwin	1961
domesticus (Theobald)	Shaded forest pools, permanent waters; ---; 44, 123, 226, 279, 320	Edwards	1941
	---; strip of forest along river; 44	Schwetz	1927
	---; ---; 44. (Partial development of *Wuchereria bancrofti*)	Neveu-Lemaire	1933

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
domestious (Theobald) (cont.)	---; ---; 57, 111	Stone et al.	1959
	---; river banks; 102	Bevan	1937
	---; in houses; 115	Galliard	1931b.
	---; Feb., Apr.; 156	Doucet	1961 (1962)
	---; highland, very rare; 163	van Someren et al.	1955
	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; June, July, Sept.; 226	Mattingly	1949b.
	Swamp, river; ---; 279	Evans	1925
	Grass swamps, pools containing *Sagittaria sphagnum*, and filementous green algae and fungi with fern; periphery of swamps, pools in papyrus swamps burnt earlier, in virgin *Miscanthidium* and in untouched and slashed *Phoenix* swamps. small pools in grassy swamps; ---; 320	Gomo	1960
	Littoral swamp, seasonal inland swamp; ---; 320	Gomo	1961
	---; bites by day, in lowland forest and plantation, scarce by night in forest; 320	Haddow et al.	1951
	---; all year; 320*	Corbet	1963a.
dorsalis (Meigen)	---; ---; 8	Senevet	1936
	---; ---; 176	Goodwin	1961
	---; ---; 216. (Permanent or temporary and littoral marshes, bites avidly, especially abundant at sunset)	Séguy	1924
dufouri Hamon	Rock cracks with fresh and salt water without vegetation in sun; ---; 186	Hamon	1954c.
durbanensis (Theobald)	Temporary water, crab holes; ---; 44, 102, 364	Edwards	1941
	Temporary waters such as pans or slight depressions, marshy spots covered with grass, and filled with rain water, furrows small or medium-sized; ---; 163, 320, 322	Nieschulz et al.	1934
	---; ---; 186	Bedford	1928
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
durbanensis (Theobald) (cont.)	---; enters houses; 364	Harris	1942
dusta Séguy	In salt marshes; ---; 211	Séguy	1924
eatoni (Edwards)	---; ---; 63	Senevet & Andarelli	1958
	---; ---; 187	Edwards	1921a.
echinus (Edwards)	---; ---; 8	Edwards	1921a.
	---; ---; 211	Séguy	1932
ellinorae Edwards	---; along coasts; 163	van Someren et al.	1955
	---; Nov., Jan.; 163	van Someren et al.	1958
embuensis Edwards	---; ---; 163	Edwards	1941
epsilonn Séguy	---; Aug.; 8	Séguy	1924
eritreae Lewis	---; bites by day; 100°	Lewis	1942a.
	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 322. (Rock pools, bites readily by day)	Leeson	1958
filabrequesi Hamon	---; in dense coastal forests; 156	Doucet et al.	1960
	---; edge of lagune; 156	Hamon	1957 (1958)
	---; Apr.-June; 156. ---; Dec.; 206	Hamon et al.	1961
fascicus Fabricius	---; ---; 8, 96, 316. (On aquatic plants, in water, in tree holes with water, in diverse natural holes with water, artificial containers; essentially domestic, bites day and night, most active in hot weather, parasites: *Wuchereria bancrofti*, *Filaria juncea*, *Dirofilaria repens*, *Plasmodium danilewskyi*, transmits yellow fever *Treponema ecteroides*, dengue, can transmit *Leishmania furunculosa* and *Herpetomonas algeriense*)	Séguy	1924
fascipalpis (Edwards)	---; ---; 43. (Tree holes)	Leeson	1958
	---; coastal; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
fascipalpis (Edwards) (cont.)	Tree holes; ---; 227	Muspratt	1945
	Tree holes; ---; 230, 292, 322, 364	Edwards	1941
	---; rare; 322	Muspratt	1955
fengi Edwards	---; ---; 186	Sautet	1936
filicis Ingram & de Meillon	Artificial containers; in rivers; 44	Lambrecht & Zaghi	1960
	Rock cracks on mountain slope; ---; 156	Hamon et al.	1961
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Rain pools, swamps, streams, dams, troughs, crab holes,; bites frequently; 322°	Muspratt	1955
	Densely shaded forest pools; ---; 322	Edwards	1941
	---; Apr.; 322	Bedford	1928
	---; ---; 322. (Bites man outdoors)	Leeson	1958
flavicollis Edwards	Tree holes; ---; 226	Edwards	1941
	---; Feb.-Nov., peak June and July, bites at night; 226°	Mattingly	1949a.
flavimargo Edwards	---; along coast; 163	van Someren et al.	1955
fowleri (d'Emmerez de Charmoy)	Transitory rain or floodwater pools, rock pools; ---; 13, 44, 59, 115, 123, 163, 186, 226, 230, 279, 292, 320, 322, 364	Edwards	1941
	---; ---; 13°	Lewis	1955
	---; ---; 43, 227. (Rain pools and rock pools)	Leeson	1958
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	Grassy temporary puddles, temporary rain puddles; ---; 89. Temporary rain puddles; 307	Hamon et al.	1956b.
	Pools along river; ---; 102	Giaquinto-Mira	1950
	---; in savannah with heavy rainfall; 156	Doucet et al.	1960
	Swamps; in houses; 163	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
fowlari (d'Emmerez de Charmoy) (cont.)	Rock cracks, polluted flooded fields, sunny, clear, stagnant, turbid or lightly salty; rarely in houses; 186	Hamon	1954c.
	Marshes with muddy, stagnant water; ---; 186	Doucet	1949
	---; bites at night, maximum 7 p.m. and 7 a.m.; 186°	Hamon	1956
	---; naturally infected with Spondweni virus; 214	McIntosh	1962
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	---; occasionally bites at night, Apr. and Sept.; 226°	Hanney	1960
	---; ---; 324	Hamon	1954a.
	Hoof prints, domestic water containers; ---; 364	Harris	1942
fraseri (Edwards)	---; ---; 14, 54, 57, 106, 113	Stone et al.	1959
	---; in houses; 61	Doucet & Cachan	1961
	Tree holes; ---; 123, 226, 279, 320, 365	Edwards	1941
	In rock pools; July-Aug.; 131	Kremer	1960
	Rot hole in mangrove; ---; 156	Hopkins	1952
	---; in dense coastal and inland forests, in savannah with heavy rainfall; 156	Doucet et al.	1960
	Tree holes, holes in granite boulders, bamboo sections, artificial containers, vegetable debris; forest; 163	Garnham et al.	1946
	---; ---; 175	Burgess	1962
	---; in forests, in canopy and ground level, diurnal; 320°	Haddow	1961a.
fryeri (Theobald)	---; ---; 100	Giaquinto-Mira	1950
	Inland salt or alkaline areas; ---; 163, 186, 275	Edwards	1941
	---; May, Nov., mainly nocturnal, bites all day outdoors; 163°	van Someren et al.	1958
	Saline water; ---; 214	Pereira	1946
	---; naturally infected with Spondweni virus; 214	McIntosh et al.	1962
	---; coastal; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
fryeri (Theobald) (cont.)	---; ---; 322	Brooke Worth & Paterson	1961
fulgens (Edwards)	---; ---; 43, 227, 230, 292, 322. (Tree holes, bamboos and rock holes with leaves, bites man outdoors in bush country)	Leeson	1958
	Tree holes, bamboo pots, plant axils, seed pods, gutters, rock holes, step cut on palms, snail shells, tins, wells; bites outdoors, enters houses; 162°	van Someren et al.	1955
	---; May-July, Sept., Nov.-Jan.; 163	Teesdale	1959
	Tree holes, rock pools; ---; 227, 230, 364	Edwards	1941
	Artificial containers; ---; 227	Muspratt	1945
	---; ---; 292°	McIntosh et al.	1963
	Tree holes; in bushes; 322°	Muspratt	1955
	Water at tops of coconut palms; ---; 364	Edwards	1923a.
furcifer (Edwards)	Tree holes; ---; 13, 123, 132, 226, 320	Edwards	1941
	---; suspected vector of human yellow fever; 13	Foote	1953
	---; ---; 100, 117	Stone et al.	1959
	Tree holes in forests; ---; 163	Lumsden	1955
	---; June-Nov.; 226°	Service	1963
	---; houses; 273	Hamon et al.	1956a.
	---; bites at night in lowland canopy; 320°	Haddow et al.	1951
	---; peak Apr., Nov.; 320	Lumsden	1952
	Tree holes; rare; 322. (Suspected of playing a role in the epidemiology of yellow fever)	Muspratt	1955
	---; ---; 322. (Bites man at night)	Leeson	1958
	---; ---; 324	Hamon	1954a.
	Tree holes; ---; 324	Harris	1942
fuscinervis (Edwards)	---; ---; 123. Swampy woods near mud puddles, open ditch near forest clearing; ---; 175	Bequaert	1930
	---; ---; 226	Edwards	1941
	---; houses; 273	Hamon et al.	1956a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
geniculatus (Olivier)	Tree holes; ---; 8°	Roubaud et al.	1937
gibbinsi Edwards	Temporary water; ---; 163, 320	Edwards	1941
	Ditches in an abandoned, previously cultivated, papyrus swamp on lake shores; ---; 320	Goma	1960
	In littoral swamps near dry land; ---; 320	Goma	1961
gilliesi van Someren	---; ---; 364	van Someren	1962
grahamii (Theobald)	Temporary water; ---; 44, 61, 123, 163, 226, 279, 320	Edwards	1941
	---; ---; 57	Mattingly	1947
	---; in dense coastal forest; 156	Doucet et al.	1960
	---; Dec.; 156	Doucet	1961 (1962)
	Ground pool, cannibalistic; bites before and after midnight, on tree top; 226°	Boorman	1960
	Edge of ditch in virgin forest; on grasses; 226	Zumpt	1937
	---; bites by day in lowland forest, by night in forests, plantations and canopy; 320°	Haddow et al.	1951
grantii (Theobald)	Wells; ---; 282	Leeson & Theodor	1948
grassei Doucet	---; ---; 186	Stone et al.	1959
grenieri Hamon, Service, Adam & Taufflieb	Forest pool; forest, Apr.; 156	Hamon et al.	1961
grjebinei Hamon, Taufflieb & Maillot	---; ---; 115	Stone et al.	1959
	---; low vegetation in underwood of forest; 206	Hamon et al.	1957 (1958)a.
hanoocki van Someren	Tree holes and butresses in forest; ---; 364	van Someren	1962
harrisoni Muspratt	Pools, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
hasorthi Edwards	Steps cut in coconut palms, tree holes, bamboo pots, plant axils, seed pods; bites outdoors and indoors; 163°	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
haworthi Edwards (cont.)	---; rarely bites man; 163°	Teesdale	1959
	---; ---; 214	Brooke Worth & Paterson	1961
	Tree holes; ---; 227	Muspratt	1945
	---; ---; 227, 322. (Bamboo, bites man, outdoors)	Leeson	1958
	---; ---; 320°	Haddow et al.	1947
	Tree holes; ---; 322, 364	Edwards	1941
	---; ---; 324	Hamon	1954a.
	Cement tank, bamboo traps, borrow pit; ---; 364	Harris	1942
	Tops of coconut palms; ---; 364	Edwards	1923a.
heischi van Someren	Bamboo pots, steps cut on coconut palms, plant axils, coconut shells, seed pots, artificial containers, wells; rarely bites outdoors; 163°	van Someren et al.	1955
	Tree holes; ---; 163	Lumsden	1955
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Tree holes; ---; 322	Muspratt	1955
	---; ---; 322. (Bites man outdoors)	Leeson	1958
	---; ---; 364	Stone et al.	1959
hirsutus (Theobald)	Axils of *Sansevieria* and banana; June, July; 13°	Lewis	1943
	Rain pools; ---; 13	Abbott	1948
	---; ---; 14, 123. ---; after heavy rains, Nov.-May; 322. (Muddy pools or holes in the ground after heavy rains and very rarely in pools containing vegetation, nocturnal, bites readily during the day)	Bedford	1928
	---; ---; 39, 56. Pools, streams, swamps, dams, troughs, crab holes; common and widely distributed; 322	Muspratt	1955
	---; ---; 43, 214, 227, 230, 292. (Muddy rain pools, river pools, artificial containers, bites man, outdoors at night and in the daytime)	Leeson	1958
	Temporary water; ---; 44, 163, 226, 230, 234, 292, 320, 322	Edwards	1941
	---; ---; 71	Rioux	1959
	Temporary pools; ---; 89	Hamon et al.	1956b.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
hirsutus (Theobald) (cont.)	---; ---; 100	Giaquinto-Mira	1950
	Water filled with sand in temporary collections, ground holes and rock holes on river banks, marshy river banks in flooded fields; ---; 102°	Ovazza et al.	1956
	---; in savannahs with heavy rainfall; 156	Doucet et al.	1960
	Swamps; in houses; 163	van Someren et al.	1955
	---; ---; 163°	Corbet et al.	1961
	---; inland lowland; 214	Brooke Worth & de Meillon	1960
	---; bites man outdoors, Apr., July, Aug.; 226°	Hanney	1960
	Rice fields; ---; 273	Hamon et al.	1956a.
	---; ---; 284	van Someren	1943
	Borrow pit, pond; ---; 322	Steyn et al.	1955
	---; ---; 324	Hamon	1954a.
holocinctus Edwards	Drainage canals; ---; 102	Ovazza et al.	1956
	---; ---; 163, 320	Stone et al.	1959
hopkinsi Edwards	Artificial containers; ---; 44	Lambrecht & Zaghi	1960
	Temporary pools, small rock pools, artificial containers; ---; 320	Edwards	1941
	---; lowland forest, rare; 320	Haddow et al.	1951
ingrami Edwards	---; ---; 13, 44, 123, 163, 226, 230, 279, 320. (Tree holes, bamboo stems)	Edwards	1941
	---; ---; 14	Brooke Worth & Paterson	1961
	On dead leaves; ---; 44	Lambrecht & Zaghi	1960
	---; ---; 61. ---; Aug., bites at 1 p.m.; 156°. ---; houses; 175. (Maximum aggression one hour before sunset)	Doucet & Cachan	1962
	Tree holes in wooded savannah; ---; 102	Ovazza et al.	1956
	Tree holes, secondary growth forest; ---; 163	Garnham et al.	1946
	---; in huts; 163	Garnham & Harper	1944

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
ingrami Edwards (cont.)	Tree holes; ---; 175	Rozeboom & Burgess	1962
	Tree holes; ---; 226	Boorman	1961
	---; in bush; 226	Edwards	1930
	---; ---; 227, 230. (Tree holes, bites man outdoors day and night)	Leeson	1958
	---; preference for understorey, peak of activity before sunset at all levels, after sunset greater activity above ground level; 320	Williams	1963
	---; very late afternoon; 320	Haddow	1961
	---; all year; 320°	Corbet	1963a.
	---; in forest; 320	Haddow et al.	1961
	---; peak Nov.; 320	Lumsden	1952
	---; ---; 324	Hamon	1954a.
insolens Edwards	---; ---; 279	Stone et al.	1959
	---; ---; 320	Edwards	1941
	---; ---; 324	Hamon	1954a.
irritans (Theobald)	---; ---; 14	Gândara	1958
	Crab holes, inland salt or alkaline areas; ---; 44, 117, 123, 132, 226, 279. (Troublesome biter, experimental transmission of yellow fever)	Edwards	1941
	---; ---; 57, 206, 319, 320	Stone et al.	1959
	Crab holes on edge of brackish laguna; houses, attacks day in underwood and in open at sunset, Apr., May; 89°. ---; ---; 273°	Hamon et al.	1956b.
	Wells; ---; 89	Hamon	1954b.
	Pools, among sea purslane, grassy margins of large pools; in houses, bites viciously; 117°	Bertram et al.	1958
	---; experimentally infected with yellow fever virus; 117	Findlay & Davey	1936
	Brackish water; ---; 123	Macfie & Ingram	1923a.
	Crab holes along the edge of salt or brackish water; in houses, bites outdoors, crepuscular; 226°. (Capable of retaining yellow fever virus, but have not been shown to transmit it)	Kerr	1933

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
irritans (Theobald) (cont.)	Artificial containers, surface pools, wells, catch-pits; ---; 226	Bauer	1928
	---; experimentally transmits yellow fever; 226	Philip	1930
	Brackish pools, clear sunny water of concrete wells without vegetation; rests in crab holes by day; 273	Kartman et al.	1947
	---; houses; 273	Hamon et al.	1956a.
	Crab holes; ---; 307	Cheneveau	1934
jamoti Hamon & Rickenbach	---; ---; 123. ---; mountain regions; 156. ---; forests; 324. (Shady spots in underwood during rainy season, July-Sept.)	Le Berre & Hamon	1960 (1961)
kapretwae Edwards	Tree holes; ---; 163	Edwards	1941
keniensis van Someren	Tree holes; ---; 163	van Someren	1945
	---; ---, 364	Stone et al.	1959
kennethi Muspratt	---; ---; 322	Brooke Worth & Paterson	1961
kivuensis Edwards	---; ---; 44	Stone et al.	1959
kumni Edwards	---; crab holes; 61	Rageau & Adam	1953
	---; coastal forests; 156	Doucet & Cachan	1961
	Tree holes, bamboo stems; ---; 226	Edwards	1941
	---; ---; 320	Haddow & Mahaffey	1949
lamborni Edwards	---; ---; 44	de Meillon	1943
	---; ---; 54	Stone et al.	1959
	---; ---; 61	Stone	1961
	Permanent pools, rock pools; ---; 163, 227, 230, 364	Edwards	1941
	Tree holes; along coast; 163	van Someren et al.	1955
	---; ---; 227, 230. (Muddy pools, drains, bites man day and night)	Leeson	1958
	---; bites day and night in lowland forest, rare by night in canopy; 320°	Haddow et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
lamborni Edwards (cont.)	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Rock pools; ---; 344	Hopkins	1952
longata van Someren	Tree holes; ---; 163	van Someren	1946
	---; ---; 227, 230, 292, 322	Stone et al.	1959
leesoni Edwards	---; ---; 14	Stone et al.	1959
	---; ---; 43, 292. (Rain pools)	Leeson	1958
	Rock holes, sand holes with abundant vegetation; ---; 102	Ovazza et al.	1956
	---; inland lowland; 214	Brooke Worth & de Meillon	1960
	---; ---; 320	Corbet et al.	1961
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
leesoni verna Lewis	Newly flooded pools, swamps, artificial containers; bites man before sunset; 13°	Lewis	1944
	Swamps, streams; along coast, very rare; 163	van Someren et al.	1955
leptolabis Edwards	---; ---; 44	Stone et al.	1959
	---; ---; 156, 206	Hamon & Adam	1959
	---; highland; 163	van Someren et al.	1955
	---; ---; 227. (Forest pools)	Leeson	1958
	Rain pools, forest; ---; 320	Hopkins	1952
leucarthrius (Speiser)	---; ---; 364	Edwards	1941
lineatopennis (Ludlow)	Temporary places such as furrows, small or medium-sized pans or slight depressions forming part of the veld, marshy spots covered with grass and filled with rain water; ---; 13, 44, 163, 226, 230, 320, 322, 344	Nieschulz et al.	1934
	---; experimentally infected with yellow fever virus; 13°	Lewis	1947
	Temporary water; ---; 14, 44, 163, 226, 234, 292, 320. (Prefer human blood, bite chiefly outdoors)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
lineatopennis (Ludlow) (cont.)	---; ---; 43, 227, 292, 322. (Marshy grounds and grassy pools, bites man day and night)	Leeson	1958
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	---; in houses; 115	Galliard	1931b.
	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; occasionally in houses, then only in houses close to dense vegetation, appears to be crepuscular; 226. (Capable of retaining yellow fever virus, but incapable of transmitting it)	Kerr	1933
	---; Apr.-Dec., peak Oct., bites in afternoon during swarming in Oct.; 226*	Hanney	1960
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	---; ---; 292*	McIntosh et al.	1963
	Grass and papyrus swamps, both in virgin and cut papyrus areas, high altitude swamps, virgin and cut *Miscanthidium*, untouched and slashed *Phoenix* swamps, most common in pools at edges of swamps; ---; 320	Goma	1960
	In littoral swamps near dry land, in seasonal inland swamp pools between mounds of *Miscanthidium violaceum*; ---; 320	Goma	1961
	Pools near lake; mainly nocturnal, in thick bush, Feb.; 322	Bedford	1928
	Pools alongside river, forests; ---; 322*	Ingram & de Meillon	1927
	---; ---; 324	Hamon	1954a.
	Marshy pools, rice field; passenger train; 364	Harris	1942
lineatopennis circumluteola (Theobald)	Hoofprints and sides of pans; common during the daytime, Mar., vicious blood sucker; 322*	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
lokojoensis Service	---; ---; 226	Hamon et al.	1961
longipalpis (Grünberg)	Artificial containers, on dead leaves and tree holes; ---; 44	Lambrecht & Zaghi	1960
	Tree holes, bamboo stems; ---; 44, 61, 123, 226, 279, 320	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *longipalpis* (Grünberg) (cont.)	---; heavy forests; 44	Laarman	1958
	---; ---; 57	Stone et al.	1959
	Leaves on ground, muddy pools, artificial containers; ---; 61. ---; ---; 89, 112. (Forest species, diurnal)	Doucet & Cachan	1962
	Artificial containers; tree holes; ---; 123	Surtees	1958
	---; in dense coastal forest; 156	Doucet et al.	1960
	Tree holes, artificial containers, at high level; ---; 163	Garnham et al.	1946
	---; in huts; 163	Garnham & Harper	1944
	Tree holes; ---; 175	Rozebcom & Burgess	1962
	Artificial containers; ---; 226	Elliot	1955
	Pools in forest; ---; 226	Hanney	1960
	---; ---; 227. (Larva in holes and tree holes and bamboo stumps)	Leeson	1958
	Tree holes; ---; 273	Hamon et al.	1956a.
	Banana fibre, hole in tree root, tree hole, stream; ---; 279	Evans	1925
	Forest tree holes; bites by day in lowland forest plantations, and canopy; 320°	Haddow et al.	1951
	---; Mar., Apr., Nov.; 320	Lumsden	1952
	---; diurnal; 320	Haddow	1961
	---; in houses; 364	Smith	1955
longiseta Edwards	---; ---; 44	Hamon & Adam	1959
longitubus Cambournac	Tree holes; ---; 8	Senevet et al.	1954
lucianus Muspratt	---; ---; 214. ---; coastal regions; 322	Brooke Worth & Paterson	1961
luteocephalus (Newstead)	Tree holes, bamboo stems, artificial containers; ---; 13, 117, 123, 226, 279, 320. (Prefer human blood, capable of transmitting yellow fever)	Edwards	1941
	---; June, July, indoors, out of doors by day, potential carrier of yellow fever; 13	Lewis	1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *luteocephalus* (Newstead) (cont.)	---; suspected vector of human yellow fever; 13	Foote	1953
	---; experimental vector of yellow fever; 13	Mattingly	1958
	---; bites man mostly in evening; 13°	Lewis	1947
	---; ---; 13*	Lewis	1953
	---; ---; 14	Gândara	1958
	---; bites man readily in forest; 43°	de Meillon	1947
	---; ---; 43, 227, 230, 292. (Tree holes, rock holes and bamboo, bites man outdoors in the evening, may be implicated in the transmission of yellow fever)	Leeson	1958
	Crab holes; ---; 44	Wanson	1935
	---; ---; 54, 55, 57	Stone et al.	1959
	---; June; 61	Rageau & Adam	1953
	Tree and bamboo cracks; bites at sunset, Apr., May; 89°	Hamon et al.	1956b.
	---; in houses; 89	Bauvallet	1931
	Artificial containers; ---; 100	Lewis	1943a.
	Hole in ground in savannah; ---; 102	Ovazza et al.	1956
	Artificial containers, dead leaves, streams; bites at twilight; 117°	Bertram et al.	1958
	---; vector of yellow fever virus; 117°	Findlay & Davey	1936
	In rock pools; July, Aug.; 131	Kremer	1960
	Temporary rain pools; ---; 175	Peters	1956
	Crab holes, rot holes; ---; 226°. Holes in roots of trees, rock pools; ---; 279	Bauer	1928
	Bamboo pots; ---; 226	Boorman	1961
	---; bites man outdoors, rarely indoors, crepuscular; 226°.	Kerr	1933
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	---; Aug., Oct.; 226	Service	1963
	Tree holes; ---; 227	Muspratt	1945a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
luteocephalus (Newstead) (cont.)	Artificial containers; attack at sunset; 273°	Hamon et al.	1956a.
	---; bites day and night, at forest edges in lowlands, occasionally in canopy; 320°	Haddow et al.	1951
	Tree holes, artificial containers, pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
	Tree holes and discarded tins; ---; 364	Harris	1942
luteolateralis (Theobald)	Marshy grounds and grassy pools; ---; 292. (Bites man outdoors in the daytime)	Leeson	1958
	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	---; Feb., Mar., Apr., June; 322	Bedford	1928
luteolateralis flavinervis Edwards	---; bush, June; 322	Bedford	1928
luteostriatus Robinson	---; ---; 14	Gândara	1958
	---; ---; 44	Stone et al.	1959
	Tree holes; ---; 227	Leeson	1958
maculiventris Macquart	Holes at base of palm trees with temporary water; bites during day and especially at night; 8°	Séguy	1924
madagascarensis van Someren	---; ---; 186	Stone et al.	1959
mansouri Qutubuddin	---; ---; 13	Stone	1961
mariae (Sergent & Sergent)	In salt water; ---; 8	Edwards	1921a.
	---; Jan., May-July, Nov.; 8	Senevet & Andarelli	1960
	---; border of sea; 176	Vermeil	1953a.
	Salt marshes; ---; 211	Dollfus	1921
marshallii (Theobald)	---; ---; 14, 44, 320. (Tree holes)	Edwards	1941
	---; ---; 43, 227, 292. (Tree holes and bamboos, bites man outdoors)	Leeson	1958
	---; enters houses; 102	Giaquinto-Mira	1950
	Tree holes, bamboo section; ---; 163	Garnham et al.	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
marshallii (Theobald) (cont.)	---; ---; 206	Sice & Vaucel	1928
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Tree holes, artificial containers; ---; 227	Muspratt	1945
	Tree holes; bites frequently; 322°	Muspratt	1955
mascarensis MacGregor	Tree holes containing water, well-wooded forest localities; enters houses, bites in daylight; 186°	MacGregor	1927
	Tree holes, artificial containers; ---; 186	Edwards	1920a.
	---; ---; 201	Schwetz & Edwards	1927
masseyi Edwards	---; ---; 44, 163	Edwards	1941
	---; ---; 227	Edwards	1923
	---; ---; 344	Schwetz & Edwards	1927
mattinglyi Hamon & Rickenbach	---; ---; 89, 112, 156	Hamon & Le Berre	1961
	---; ---; 113	Stone et al.	1959
	---; low vegetation of forest galleries; 324	Hamon & Rickenbach	1954 (1955)
metallicus (Edwards)	Tree holes, fallen leaves, cocao husks, coconut and snail shells; ---; 13, 123, 214, 226, 292, 320, 322, 364	Edwards	1941
	Rock pools; June, July, Sept., Oct., potential carrier of yellow fever; 13°	Lewis	1943
	Artificial containers; ---; 13	Abbott	1948
	Reservoir; ---; 13	Lewis	1948
	---; experimental transmission of yellow fever organism; 13	Lewis et al.	1942
	---; suspected vector of human yellow fever; 13	Foote	1953
	---; ---; 13. (Bites indoors and outdoors)	Lewis	1947
	---; ---; 14	Brooke Worth & Paterson	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
metallicus (Edwards) (cont.)	---; ---; 43, 214, 227, 292, 322. (Tree holes up to 50 feet, rock holes, coconut shells and artificial containers, bites man outdoors in the evening, mainly at ground level, this species may be implicated in the transmission of yellow fever)	Leeson	1958
	---; ---; 44	Mattingly & Lips	1953
	---; river valley, bites under cover at 3 p.m.; 102°	Ovazza et al.	1956
	---; possible vector yellow fever; 102	Chabaud & Ovazza	1958
	---; in forests with heavy rainfall; 156	Doucet et al.	1960
	Bamboo pots, tree holes, coconut shells, artificial containers, gutters, plant axils, snail shells, steps cut on coconut palms, bites outdoors and indoors; 163°	van Someren et al.	1955
	---; Apr., May, July, Aug., Nov., Feb., pronounced peak of biting at sunset and dawn in bush areas, in houses; 163°	van Someren et al.	1958
	---; in forest, experimental transmission of yellow fever; 163	Lumsden	1955a.
	---; all year; 163	Teesdale	1959
	---; coastal, inland lowland riverine; 214	Brooke Worth & de Meillon	1960
	---; possible vector of yellow fever; 226	Bruce-Chwatt	1950
	Tree holes, artificial containers; ---; 227	Muspratt	1945
	Clear or turbid water of high organic content in baobab tree holes; ---; 273	Kartman et al.	1947
	---; forest; 273	Hamon et al.	1956a.
	---; forest, experimental infection of yellow fever; 320	Haddow et al.	1947
	---; ---; 324	Mattingly & Bruce-Chwatt	1954
	Water from the tops of coconut palms; ---; 364	Edwards	1923a.
	Tops of coconut palms; ---; 364	Haworth	1922
	Artificial containers; ---; 364	Harris	1942
michaelikati van Someren	Common in bamboo pots, scarce in tree holes; bites outdoors, houses; 163°	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
michaelikati van Someren (cont.)	Tree holes in forests; ---; 163	Lumsden	1955
	---; May, July-Dec.; 163	van Someren et al.	1958
michaelikati gurneri van Someren	---; ---; 44	Stone et al.	1959
	Tree holes; ---; 163	van Someren	1946
microstictus Edwards	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
minutus (Theobald)	---; ---; 13, 14, 44, 123, 206, 279	Stone et al.	1959
	---; ---; 56	de Meillon & Lavoipierre	1944
	---; attack at sunset in forest; 89°	Hamon et al.	1956b.
	---; Aug., houses; 112. ---; ---; 131. ---; July-Aug.; 156. ---; houses; 273. ---; Aug., bites at night, grassy temporary pools; 324°	Hamon et al.	1961
	---; in huts; 117	Bertram et al.	1958
	---; in savannah with heavy or light rainfall; 156	Doucet et al.	1960
	---; in houses; 175	Peters	1956
	Artificial containers in forest; ---; 226	Hanney	1960
	---; ---; 230, 292, 322. (Rock pools and plant axils)	Leeson	1958
	---; bites at sunset; 273°	Hamon et al.	1956a.
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Marshy ground; bites in evergreen thicket; 364°	Harris	1942
minutus var. *biannulata* Theobald	---; ---; 123	Ingram & Macfie	1924
mixtus Edwards	---; ---; 123	Edwards	1941
	---; ---; 292, 322. (Swampy pools, bites man outdoors)	Leeson	1958
	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
mombasaensis Mattingly	Salt water pools; seldom indoors, most bites occur 8 a.m. and 6 p.m.; 163°	van Someren & Furlong	1964
monetus Edwards	---; ---; 186	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
monotrichus Edwards	---; ---; 226	Edwards	1941
mucidus (Karsch)	---; ---; 123	Mattingly	1947
	Drains, swamps, pools; bites outdoors; 163°	van Someren et al.	1955
	---; bites rarely; 163°	Teesdale	1959
	---; ---; 186	Stone et al.	1959
	Temporary water; ---; 214, 320, 322, 364	Edwards	1941
	---; ---; 214, 227. (Larvae are predatory, in ground pools.)	Leeson	1958
	---; bites outdoors; 226°	Henney	1950
	Pools in papyrus swamps burnt earlier, in untouched and slashed *Phoenix* swamps; ---; 320	Gows	1960
	---; lowland canopy, rare; 320°	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
mutilus Edwards	Densely shaded forest pools; ---; 44, 320	Edwards	1941
	---; ---; 163°	Corbet et al.	1961
	---; lowland forest, plantations, and canopy, bites by day and night; 320°	Haddow et al.	1951
msooi van Someren	Tree holes; in rain forests in mountains; 364	van Someren	1962
nataleneis Edwards	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	---; ---; 299. Tree holes; ---; 322	Muspratt	1955
	Tree holes; ---; 364	Harris	1942
natronius Edwards	---; ---; 14	Gândara	1958
	---; ---; 44, 163	Stone et al.	1959
	Holes in ground, water highly basic; ---; 102	Ovazza et al.	1956
	Slow flowing streams, tepid saline pools; bites by day and night in lowland forest and canopy; 320°	Haddow et al.	1951
	Inland salt or alkaline areas; ---; 320	Edwards	1941
	---; peak Feb., Mar.; 320	Lumsden	1952

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
neobiannulatus (Theobald)	---; ---; 14, 123	Stone et al.	1959
ngong van Someren	Steps cut on coconut palms, bamboo pots, plant axils, seed pods, tree holes; ---; 163	van Someren et al.	1955
nigeriensis Theobald	---; ---; 44	Wanson	1935
	---; ---; 56	Edwards	1924a.
	Ponds with grasses in forests and plains; ---; 115	Galliard	1931b.
	---; ---; 123, 226, 230	Bedford	1928
	---; ---; 163	Anderson	1924
	Rock hole pools; all year; 186*	MacGregor	1927
	Forest ground pools; bites day and night in lowland forest and canopy; 320*	Haddow et al.	1951
	---; Mar.-Apr. and Nov.; 320	Lumsden	1952
nigerrimus Theobald	Temporary water; ---; 13, 44, 163, 214, 320	Edwards	1941
	---; undergrowth around trees on grassy slopes; 13	Theobald	1913
	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; ---; 214*. (Ground pools, bites day and night in forest)	Leeson	1958
	---; in forest; 320	Haddow et al.	1961
	---; peak Nov.; 320	Lumsden	1952
	---; ---; 320*	Haddow et al.	1951
nigriceophalus (Theobald)	---; ---; 14, 57, 175	Stone et al.	1959
	---; ---; 44, 115, 117, 123, 226, 267, 279, 365. (Inland salt or alkaline areas, crab holes). ---; experimental transmission of yellow fever; 226	Edwards	1941
	---; ---; 61	Rageau & Adam	1953
	---; wells, houses; 89	Hamon	1954b.
	---; in houses; 115	Galliard	1931b.
	---; experimentally infected with yellow fever virus; 117	Findlay & Davey	1936
	---; ---; 117*	Bertram et al.	1958

TABLE [illegible] - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
[illegible] (cont.)	---; in savannahs with heavy rainfall; 156	Doucet et al.	1960
	brackish pools, crab holes; ---; 226	Gilroy & Bruce-Chwatt	1945
	---; Mar., Oct., bites day and night; 226°	Mattingly	1949b.
	---; in houses; 226°. (Capable of retaining yellow fever virus, but incapable of transmitting it)	Kerr	1933
niveus de Meillon	Tree holes; ---; 227	de Meillon	1943
nyasae Edwards	Tree holes; ---; 230	Edwards	1941
	---; ---; 230, 322. (Bites man outdoors)	Leeson	1958
	---; ---; 292, 364	Stone et al.	1959
	Tree holes; rare; 322	Muspratt	1955
nyoungae Hamon & Adam	Tree holes under forest cover; ---; 156	Hamon & Adam	1958 (1959)a.
	---; river banks in forest gallery; 156	Hamon et al.	1961
ochraceus (Theobald)	Axils of *Sansevieria* and banana; June and July; 13°	Lewis	1943
	Rain pools; ---; 13	Abbott	1948
	Reservoir; ---; 13	Lewis	1948
	---; ---; 13, 44, 56, 123, 163, 226, 292, 320. (Temporary water)	Edwards	1941
	---; ---; 14	Gandara	1958
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 102	Giaquinto-Mira	1950
	Pools, swamps and pits, rare, bamboo pots, artificial containers; coast and highland; 163	van Someren et al.	1955
	---; in houses; 163	Haddow	1942a.
	---; ---; 163°	Corbet et al.	1961
	---; inland lowland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 292. (Grassy rain pools, bites man in daytime outdoors)	Leeson	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
ochraceus (Theobald) (cont.)	---; partial or rare complete development of *Wuchereria bancrofti*. this species; 226	Neveu-Lemaire	1933
	---; naturally infec with *W. bancrofti*; 226	Manson-Bahr	1959
	---; Oct.; 226*	Service	1963
	Sunny turbid water in ary pools; ---; 273	Kartman et al.	1947
	---; Mar.; 292	Bedford	1928
	---; ---; 292*	McIntosh et al.	1963
	Turbid water in tempora ain pools; ---; 320	Hopkins	1952
	---; bites by day in lowland plant tions, rare; 320*	Haddow et al.	1951
	---; ---; 344	Nieschulz et al.	1934
opok Corbet & van Someren	Shaded tree holes; rests in the ground-herb layer during the day, biting activity at sunset, mainly in the crowns of trees, but also over open ground at least 200 yards from the woodland, in altitude of about 3,000 feet; 320*	Corbet & van Someren	1962
ovazzai Hamon & Adam	---; ---; 156	Stone	1961
pachyurus Edwards	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
palpalis (Newstead)	---; ---; 13	Lewis	1945
	Densely shaded forest pools; ---; 44, 320. (Bites man)	Edwards	1941
	---; ---; 61, 319	Stone et al.	1959
	---; ---; 123. ---; dense forests; 175	Bequaert	1930
	---; in dense coastal forests; 156	Doucet et al.	1960
	---; May; 156	Doucet	1961 (1962)
	Ground pools in forest; July and Sept., in forest; 226*	Hanney	1960
	Palm and acacia belts along river; ---; 320	Smithburn et al.	1946
	---; lowland forest, plantations, open ground and canopy, bites by day and night; 320*	Haddow et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
palpalis carteri Edwards	---; ---; 123, 226	Edwards	1941
	---; in dense primary forests; 175	Peters	1956
palpalis var. *maculicosta* Edwards	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; ---; 226	Edwards	1941
palpalis var. *palpalis* Newstead	---; ---; 44, 320	Edwards	1936
parenti de Meillon & Lavoipierre	---; ---; 44	Stone et al.	1959
pembaensis Theobald	---; ---; 14, 56. ---; naturally infected with Lumbo virus; 214	Kokernot et al.	1962
	---; ---; 57	Stone et al.	1959
	Common in crab holes, rare in pools and swamps, exceptional in bamboo pots, tree holes and artificial containers; bites outdoors, very common; 163*	van Someren et al.	1955
	Eggs laid on crab, *Sesarma meinerti*; ---; 163*. Eggs laid on crab, *Sesarma meinerti*; naturally infected with viruses; 214	Brooke Worth et al.	1961
	Crab burrows in forest; ---; 163	Lumsden	1955
	---; June-Dec., bites day and night but mostly in dark hours; 163*	van Someren et al.	1958
	---; in houses, naturally and experimentally infected with microfilariae; 163	Heisch et al.	1956
	---; all year; 163	Teesdale	1959
	---; ---; 163, 186, 214, 364. (Crab holes, inland salt or alkaline areas)	Edwards	1941
	---; coastal, bites freely in daytime; 214*	Brooke Worth & de Meillon	1960
	Marshes; bites outdoors in early morning; 275*	Mattingly & Brown	1955
	Crab holes; fierce biters; 364*	Harris	1942
phillipi van Someren	---; ---; 186	Stone et al.	1959
phyllolabis Edwards	In rivers; ---; 44	Lambrecht & Zaghi	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
phyllolabis Edwards (cont.)	---; ---; 44, 163, 175, 320. (Rock pools in dense shade, artificial containers)	Edwards	1941
	Rock cracks; ---; 61. ---; ---; 123. Thicket; ---; 320	Hamon et al.	1961
	Ground hole in forest gallery; ---; 102	Ovazza	1956
	---; in dense coastal and inland forest; 156	Doucet et al.	1960
	---; Feb.; 156	Doucet	1961 (1962)
	Forest ground pools; lowland forest; 320	Haddow et al.	1951
pogonurus Edwards	---; ---; 44	Edwards	1941
powei (Theobald)	---; ---; 42, 227. ---; Nov.-Feb., bite in late afternoon; 322*	Bedford	1928
	---; ---; 44, 163, 346	Nieschulz et al.	1934
	---; ---; 292	Stone et al.	1959
	Tree holes; rare; 322	Muspratt	1955
pseudoafricanus Bruce-Chwatt	---; ---; 44. Rot holes in *Avicennia* trees; coarse salt-marsh grass, ferns and clumps of low trees; 226	Mattingly & Bruce-Chwatt	1954
	---; Sept.; 117	Bertram et al.	1958
pseudonigeria (Theobald)	---; ---; 14	Gandara	1958
	---; ---; 43. (Bites man outdoors)	Leeson	1958
	---; ---; 56	Edwards	1941
	Forests; ---; 322	Ingram & de Meillon	1927
	---; forests; 322	Bedford	1928
	---; rare; 322	Muspratt	1955
	---; ---; 364	Haworth	1924
pseudotarsalis van Someren	---; ---; 44. Rock cracks; ---; 61	Hamon et al.	1961
	Rock pools, rock holes; ---; 163	van Someren	1945
pubescens Edwards	---; ---; 44, 123, 279	Edwards	1941
	---; bites by day in lowland forest; 320*	Haddow et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
pulchritaenis (Rondani)	---; Mar.; 8	Senevet & Andarelli	1960
	---; ---; 211	Aitken	1954
	---; ---; 316	Stone et al.	1959
pulchrithorax Edwards	---; ---; 163	Edwards	1941
	Tree holes and bamboo of mountain forest; highlands; 320	Haddow et al.	1951
punctatus Meigen	---; ---; 8, 96, 316. (Larvae in brackish, salty or pure water or in streams of stagnant water, very aggressive, June and Sept.)	Séguy	1924
	---; Mar.; 63	Séguy	1921
punctocostalis (Theobald)	---; ---; 44, 123. (Experimentally infected with yellow fever)	Edwards	1941
	---; ---; 156	Doucet et al.	1960
	Shady pools residual in dry season; ---; 226	Wigglesworth	1929
	---; experimental transmission of yellow fever; 226	Philip	1930
	---; Aug. and Sept.; 226	Mattingly	1949b.
	---; ---; 226*	Davis & Philip	1931
punctor (Kirby)	Artificial containers; ---; 8. (In woods and thicket, rarely in houses)	Séguy	1924
punctothoracis (Theobald)	---; very common; 14, 44, 123, 322, 344. In temporary place with vegetation between the sea and lagoon; ---; 115	Galliard	1931b.
	Inland salt or saline areas, crab holes; ---; 44, 123, 132, 226, 279	Edwards	1941
	---; ---; 57, 175	Stone et al.	1959
	Yard and street pools; ---; 117	Anonymous	1928
	---; bites before sunset; 117*	Bertram et al.	1958
	---; ---; 226*	Davis & Philip	1931
	Shady small muddy pools surrounded by vegetation; grass in shaded groves; 273	Kartman et al.	1947
	---; houses; 273	Hamon et al.	1956a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
punctothoracis (Theobald) (cont.)	---; ---; 292. ---; Nov.-May, in thick bush during the daytime, some at night; 322	Bedford	1928
	Pools in *Phoenix* swamps; ---; 320	Goma	1960
quasiunivittatus (Theobald)	---; ---; 13, 44, 322	Edwards	1941
	---; --- 94	Stone et al.	1959
	Slightly polluted water, rock holes of waterfalls, ground holes, tree holes; never bite in rainy season, thickets; 102°	Ovazza et al.	1956
	Puddles in tilled land; forest; 102	Bevan	1937
	River pools but uncommon; open parts of forest; 163	Garnham et al.	1946
	---; ---; 163°. Pools, swamps, streams, dams, troughs, crab holes; ---; 322°	Muspratt	1955
	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 230, 292. (Muddy rain pools, bites man outdoors)	Leeson	1958
	---; ---; 226, 344, 364	Nieschulz et al.	1934
	High altitude swamps, pools in dense papyrus swamps, ditches overgrown with grass, abandoned previously cultivated papyrus swamps; ---; 320	Goma	1960
	Temporary muddy rain pools devoid of vegetation, pools in a river bed; ---; 320	Hopkins	1936
	---; in houses; 361	Mattingly	1949
reali Hamon & Adam	Tree hole under forest cover, rice field; May; 156	Hamon & Adam	1958 (1959)a.
	---; June, Aug.; 156. ---; ---; 175	Hamon et al.	1961
rhecter Dyar	---; ---; 226	Philip	1931
riokenbachi Hamon & Adam	Low vegetation of little woods of oil palms; ---; 156	Hamon & Adam	1959
rusticus (Rossi)	Artificial containers; ---, 8. (Grassy ditches, pools, grassy marshes or in water collections without vegetation, warm and polluted or cold and pure water, Apr.)	Séguy	1924
	---; ---; 211	Stone et al.	1959

TABLE 1 MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
ruwenzori Haddow & van Someren	---; arboreal and crepuscular biting habits, mountain forests; 320°	Haddow & van Someren	1950
scatophagoides (Theobald)	Axils of *Sansevieria* and banana; ---; 13°	Lewis	1943
	Rain pools, borrow pits; ---; 13	Abbott	1948
	Predaceous; ---; 13	Lewis	1955
	---; ---; 13, 44, 56, 117, 123, 214, 226, 230, 292, 320, 322. (Temporary water)	Edwards	1941
	---; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 71	Rioux	1959
	Temporary puddles; ---; 89, 307	Hamon et al.	1956b.
	---; ---; 100	Lewis	1943a.
	---; near rivers; 112	Hamon	1954
	Drains, swamps, pools, streams, wells; bites outdoors and indoors; 163°	van Someren et al.	1955
	---; rarely bites man; 163°	Teesdale	1959
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 227, 230, 292. (Ground pools and are predaceous on other aquatic insect larvae especially those of *Aedes*)	Leeson	1958
	---; July, Sept.; 226°	Service	1963
	Surface pools in mopane clay-soil among *Acacia* and small husky trees; ---; 227	Muspratt	1945a.
	Turbid, sunny water in rain puddle and grassy pool; ---; 273	Kartman et al.	1947
	---; bites at night in lowland canopy; 320°	Haddow et al.	1951
	Borrow pit; ---; 322	Steyn et al.	1955
	Small pools, predaceous on *Anopheles gambiae*, *A. albocephalus*, *Culex decens*; ---; 364	Harris	1942
schwetzi Edwards	---; ---; 14	Gândara	1958
	Artificial containers; ---; 44	Edwards	1941
	Mortar hole; ---; 44	Schwetz	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
schwetzi Edwards (cont.)	---; ---; 173	Burgess	1962
	---; ---; 227. (Tree holes and artificial containers)	Leeson	1958
semilikensis van Someren	---; bites by day in lowland forest; 320°	Haddow et al.	1951
seychellensis (Theobald)	---; ---; 186, 275	Stone et al.	1959
	---; ---; 201	Schwetz & Edwards	1927
simpsoni (Theobald)	Banana tree, pineapple plant, tree hole, rock pool, artificial container, lilies, *Sansevieria, Crinium,* fallen leaves; suspected vector of yellow fever; 13. ---; ---; 54*°. Banana tree, *Colocasia*; ---; 320	Lewis	1953
	---; ---; 13, 14, 44, 102, 117, 123, 230, 279, 292, 320, 364. (Capable of conveying yellow fever, prefer biting at night) ---; experimentally infected with yellow fever; 226. Bamboo stems; ---; 322	Edwards	1941
	---; ---; 43, 214, 227, 230, 292. (Plant axils and artificial containers, rural or plantation species, bites man, outside in daytime at ground level, important vector of yellow fever)	Leeson	1958
	Pandanus and banana leaf axils; ---; 44	Laarman	1958
	---; suspected vector of jungle yellow fever but may just be a secondary vector; 44	Lebrun	1963
	---; ---; 57, 226°	Boorman	1960
	---; ---; 61	Mattingly	1953
	Dracaena, Colocasia esculenta, sheathed leaf and banana leaf axils; ---; 89	Hamon et al.	1956b.
	---; ---; 100, 112. ---; very common, in forests; 115°	Galliard	1931
	In *Musa paradisiaca*; wooded savannah, thickets, gardens, bites especially under cover during hot hours or nightfalls, Aug.-Sept., Nov., Jan.; 102	Ovazza et al.	1956
	---; banana plantations, bite in late afternoon, possible vector of yellow fever; 102°	Chabaud & Ovazza	1958
	---; in houses; 102	Giaquinto-Mira	1950
	Axils of banana plants; ---; 117	Bertram et al.	1958
	---; vector of yellow fever virus; 117*	Findlay & Davey	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
simpsoni (Theobald) (cont.)	Artificial containers, plant axils, more abundant in banana leaf axils than in pineapple leaf axils, in *Heliconia* flower heads; ---; 123*	Surtees	1958
	---; in dense coastal forest; 156	Doucet et al.	1960
	Plant axils, bamboo pots, tree holes, artificial containers, gully traps, gutters; bites indoors but commonly outdoors; 163*	van Someren et al.	1955
	Dragon tree and banana leaf axils; experimental transmission of yellow fever; 163	Mattingly & Brown	1955
	Snail shells; ---; 163	Lumsden	1955
	---; May-Aug., Nov., rare species, bites during daylight, in forests; 163*	van Someren et al.	1958
	---; in houses; 163	Haddow	1942a.
	---; all year; 163	Teesdale	1959
	Water collected on fallen banana leaves and pineapple tops; ---; 175	Peters	1956
	Dry taro axils, banana axils; ---; 175	Rozeboom & Burgess	1962
	---; June; 186	Brygoo & Escolivet	1956
	---; ---; 206, 324	Mattingly & Bruce-Chwatt	1954
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; naturally infected with yellow fever virus; 226	Mattingly	1958
	Rainwater in tree holes; experimental vector of yellow fever; 226	Taylor	1934
	Pots with clear water; ---; 226	Bruce-Chwatt	1957
	Banana leaf axils; ---; 226	Surtees	1959
	Hole in root of tree; ---; 279	Evans	1925
	---; ---; 316. ---; rare; 322	Nieschulz et al.	1934
	Artificial containers in plantations; bites day and night, in lowland forest, canopy and plantations; 320*	Haddow et al.	1951
	Plant axils, tree holes in plantations; forest stations, naturally infected with virus; 320*	Haddow	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
simpsoni (Theobald) (cont.)	---; naturally infected with and suspected vector of yellow fever virus; 320. Between leaves of *Dracaena hookeriana* in forest; ---; 322	de Meillon & Lavoipierre	1944
	---; most active in bright weather, potential vector of yellow fever, experimental transmission of yellow fever; 320°	Mahaffy et al.	1942
	---; banana plantations, forests; 320. (Pineapple axils)	Haddow	1961a.
	Artificial containers, plant axils, tree holes; common and widely distributed; 322	Muspratt	1955
	---; common Jan.-Apr., in houses at night, in shady places; 322	Bedford	1928
	In water collected at the top of coconut palms; ---; 364	Edwards	1923a.
	Pineapple axils, tree holes; ---; 364	Lumsden	1955a.
simpsoni lilii Theobald	---; plantations; 13*	Foote	1953
	---; bites by day and night in lowland forest, canopy and plantations; 320°	Haddow et al.	1951
simpsoni var. *lilii* Theobald	Axils of *Sansevieria* and banana, rock pools, tree holes, artificial containers; June and July, potential carrier of yellow fever; 13°	Lewis	1943
	---; potential vector of yellow fever; 100	Lewis	1943a.
	---; ---; 102	Chabaud & Ovazza	1958
	Artificial containers, tree holes; ---; 227	Muspratt	1945
simulans (Newstead & Carter)	---; ---; 13, 206	Stone et al.	1959
	Artificial containers, in rivers on dead leaves and *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
	Tree holes, bamboo stems; ---; 44, 123, 226, 279	Edwards	1941
	---; heavy forests; 44	Laarman	1958
	---; ---; 61, 112, 319	Doucet & Cachan	1962
	---; dense coastal and inland forest; 156	Doucet et al.	1960
	---; Dec., Mar.; 156	Doucet	1961 (1962)
	Tree holes in the bush; ---; 175	Peters	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
simulans (Newstead & Carter) (cont.)	Forest tree holes; bites by day in lowland forests and plantations, scarce by night in forest; 320*	Haddow et al.	1951
smithburni van Someren	---; lowland forest; 320	Haddow et al.	1951
soleatus Edwards	Bamboo pots, tree holes, steps cut on coconut palms, artificial containers, rock holes, plant axils; rarely bites outdoors; 163*	van Someren et al.	1955
	---; in forest; 163	Lumsden	1955
	---; ---; 230	Stone et al.	1959
	---; ---; 292. (Tree holes, bamboo and artificial containers, bites man in forest)	Leeson	1958
	Tree holes, artificial containers; rare; 322	Muspratt	1955
	Coconut palms; ---; 364	Edwards	1924
stokesi Evans	---; experimental transmission of yellow fever; 13	Lewis	1947
	Little pools; ---; 61. Tree holes; ---; 112. Banana plantations; 320	Doucet & Cachan	1962
	Tree crevices; ---; 89	Hamon et al.	1956b.
	---; in houses; 89	Bauvallet	1931
	Tree holes; ---; 123, 279. ---; experimentally infected with yellow fever; 226	Edwards	1941
	Rot hole in mangrove; ---; 156	Hopkins	1952
	---; in dense coastal forests and savannahs with light rainfall; 156	Doucet et al.	1960
	Tree holes; crepuscular; 226*	Kerr	1933
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	Tree holes; ---; 273	Hamon et al.	1956a.
	---; ---; 319	Stone et al.	1959
	Forest tree holes; lowland forest, plantations and canopy, bites by day and night; 320*	Haddow et al.	1951
	---; ---; 322. (Experimentally infected with yellow fever)	Kumm	1931
	---; ---; 324	Hamon	1954a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
strelitziae Muspratt	Axile of wild bananas, *Strelitzia nicolai* and of cultivated banana; experimental transmission of yellow fever; 322	Gillett & Roos	1953
subargenteus Edwards	In forest; ---; 163	Lumsden	1955
	---; bites outdoors; 163°	van Someren et al.	1955
	---; Aug.-Jan.; 163	van Someren et al.	1958
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Tree holes; ---; 230	Edwards	1941
	---; ---; 230. (Bites man outdoors in woodland and forest, morning and afternoon)	Leeson	1958
	Tree holes; rare; 322	Muspratt	1955
	---; on train; 322	Ingram & de Meillon	1927
subargenteus var. *kivuensis* Edwards	---; ---; 44	Edwards	1941
subdentatus Edwards	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	More or less permanent pools with little vegetation; ---; 322	Edwards	1941
taeniarostris (Theobald)	---; ---; 44, 123	Edwards	1941
	---; lowland forest and plantations, bites by day and night; 320°	Haddow et al.	1951
	---; palm and acacia belt; 320	Smithburn et al.	1946
tarsalis (Newstead)	---; ---; 13, 44, 123, 163, 175, 279, 320. (Rock pools, permanent pools with vegetation)	Edwards	1941
	---; ---; 14	Bequaert	1930
	---; ---; 57, 61, 131, 206, 319	Stone et al.	1959
	---; ---; 112, 324, 364	Hamon et al.	1961
	---; in dense inland forest and savannah with heavy rainfall; 156	Doucet et al.	1960
	Very rare in streams and wells, artificial containers; bites outdoors, enters houses; 163°	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *tarsalis* (Newstead) (cont.)	---; June-Aug., Oct.-Dec., in bush; 163	van Someren et al.	1958
	---; bites rarely; 163°	Teesdale	1959
	Mud holes, pools along ditches with much vegetation; near rain puddles along paths in dense primary forest; 175	Peters	1956
	Small pools in forest stream beds, artificial containers, banana axils; ---; 226	Hanney	1960
	---; ---; 227. (Rock pools, forest pools and plant axils, bite day and night, recorded as a vector of Rift Valley fever)	Leeson	1958
	Little rock streams; ---; 279	Wigglesworth	1929
	Swamps, river stream; ---; 279	Evans	1925
	Forest ground pools; bites day and night in lowland forest, plantation, open ground, canopy, enters houses; 320°	Haddow et al.	1951
	Pools among grass and papyrus inside a lake shore swamp, pools in virgin and cut *Miscanthidium*, virgin and previously burnt papyrus, and untouched and slashed swamps; ---; 320	Goma	1960
	---; naturally infected with Rift Valley fever virus; 320	Smithburn & Haddow	1946
	---; ---; 322	Mieschulz et al.	1934
taylori Edwards	Rock pools, artificial containers; June, July, Sept., Oct., indoors, outdoors by day, potential carrier of yellow fever; 13°	Lewis	1943
	Tree holes; ---; 13	Lewis	1942
	---; experimental transmission of yellow fever organism; 13	Lewis et al.	1942
	---; suspected vector of yellow fever; 13	Foote	1953
	---; ---; 56. Tree holes; rare; 322	Muspratt	1955
	Tree holes, pineapple tops, steps cut in coconut palms; bites outdoors; 163°	van Someren et al.	1955
	---; experimental transmission of yellow fever virus; 163	Lumsden	1955
	Tree holes; bites man at night, all year; 226°	Mattingly	1949b.
	---; possible vector of yellow fever; 226	Bruce-Chwatt	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
taylori Edwards (cont.)	Tree holes; ---; 227	Muspratt	1945
	---; ---; 227. (Suspected vector of yellow fever)	Leeson	1958
	---; ---; 273	Stone et al.	1959
	---; ---; 324	Hamon	1954a.
	---; ---; 364	Edwards	1941
teesdalei van Someren	Bamboo pots, tree holes, steps cut on coconut palms, plant axils, seed pods; ---; 163	van Someren et al.	1955
tiptoni Grjebine	---; ---; 186	Stone et al.	1959
tonkingi Gebert	---; ---; 186	Stone et al.	1959
tricholabis Edwards	Swamps; along coast; 163. ---; lowlands; 320	van Someren et al.	1955
	---; May-June, Aug., Oct.-Dec.; 163°	Teesdale	1959
tricholabis bwamba van Someren	---; ---; 89	Hamon et al.	1956
	---; in savannah with heavy rainfall; 156	Doucet et al.	1960
	---; ---; 163	Stone et al.	1959
	---; bites by day in lowland forest; 320°	Haddow et al.	1951
trinidad Gil Collado	---; ---; 106, 365	Edwards	1941
unilineacus (Theobald)	Tree holes; ---; 13, 123, 163, 226, 230	Edwards	1941
	Reservoir; ---; 13	Lewis	1948
	---; seldom bites man; 13°	Lewis	1953
	---; ---; 43, 227, 230, 292. (Tree holes, savannahs, bites man rarely in daytime outdoors)	Leeson	1958
	Artificial containers; ---; 123	Macfie & Ingram	1916a.
	Tree holes; ---; 227	Muspratt	1945
	---; ---; 320	Stone et al.	1959
	Tree holes; rare; 322	Muspr.	1955
usambara Mattingly	Artificially bored bamboo; ---; 364	Mattingly	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
vexans (Meigen)	Residual ponds with muddy water devoid of vegetation; ---; 8. ---; ---; 211, 316	Senevet et al.	1954
	---; May; 8	Senevet & Andarelli	1960
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322°	Muspratt	1955
	---; ---; 322. (Flooded shallows in grassland, bites man outdoors)	Leeson	1958
vigilax (Skuse)	---; ---; 275	Stone et al.	1959
vigilax vansomerenae Mattingly & Brown	Sunken pools and wells, small ground pools, exposed rock pools; ---; 275	Mattingly & Brown	1955
vinsoni Mattingly	---; ---; 186	Stone et al.	1959
vittatus (Bigot)	Mountain creeks; Sept.; 8	Senevet	1936
	Isolated pools in dried up stream beds; ---; 8	Clastrier	1936
	Rock pools containing no vegetation; ---; 13, 44, 226, 320, 322, 344	Nieschulz et al.	1934
	Rock holes, tree holes; ---; 13*°	Lewis	1953
	Artificial containers; ---; 13	Lewis	1943
	---; suspected vector of yellow fever; 13	Boorman	1961
	---; experimental vector of yellow fever; 13	Mattingly	1958
	---; ---; 14, 44, 102, 117, 123, 175, 279, 284, 320, 322. ---; experimentally infected with yellow fever; 226. (Rock pools, artificial containers)	Edwards	1941
	Rock pools; ---; 43	de Meillon	1947
	---; ---; 43, 214, 227, 230, 292. (Rock pools, artificial containers, in which the water is sometimes very warm, bites man outdoors daytime and evening, possible transmission of yellow fever)	Leeson	1958
	Ditch; ---; 44	Schwetz	1927
	---; ---; 61, 112, 131, 186, 324	Mattingly & Bruce-Chwatt	1954
	---; ---; 71	Rioux	1959
	Rock crevices, puddles; attack about 8 a.m.; 89°	Hamon et al.	1956b.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *vittatus* (Bigot) (cont.)	Slopes; potential vector of yellow fever; 100	Lewis	1943a.
	Rock pools; in houses; 100, 102	Giaquinto-Mira	1950
	Rock holes in dry river beds or in forest galleries; thorny thickets; 102	Ovazza et al.	1956
	Rock holes; possible vector of yellow fever; 102	Chabaud & Ovazza	1958
	---; nocturnal; 102, 117, 123, 226, 279, 292, 320. (Rock pools, cement drinking troughs, galvanized iron tank). ---; Dec.-Apr.; 322. (Rock pools, cement drinking troughs, galvanized iron tank)	Bedford	1928
	---; vector of yellow fever virus; 117*	Findlay & Davey	1936
	Rock pools exposed to sun; ---; 123	Macfie & Ingram	1923a.
	---; all over, in dense coastal and inland forests, in savennah with light or heavy rainfall; 156	Doucet et al.	1960
	Drainage canals, rock pools, tanks, swamps, pools, pits, streams, seepages, gully traps, artificial containers, wells, dams, steps cut on coconut palms, tree holes; rarely bites indoors or outdoors; 163°	van Someren et al.	1955
	Rock pools with turbid water and fully exposed to sun; ---; 175	Peters	1956
	Open ditches in forest; ---; 175	Briscoe	1950
	Sunny rock cracks in streams; ---; 186°	Grjebine	1954
	Artificial containers, temporary pools of muddy water, rock holes; ---; 206. (Vector of yellow fever)	Kumm	1931
	---; ---; 211	Mattingly	1954a.
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Tree holes, common in rock holes; crepuscular; 226	Kerr	1933
	Depressions in rocks and masonry puddles; semi-domestic; 226	Philip	1929
	---; Apr.-June, Aug.-Nov., peak of activity during first half of night; 226	Service	1963
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	Artificial containers; ---; 273	Hamon et al.	1956a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
vittatus (Bigot) (cont.)	Rock holes; ---; 279	Philip	1962
	Rock holes; ---; 282	Leeson & Theodor	1948
	Rock pools; ---; 284	van Someren	1943
	Domestic waters; ---; 316	Vermeil	1953
	---; ---; 319	Mattingly	1953
	---; partial development of *Dipetolonema perstans*; 320	Bequaert	1930
	---; bites by day in open lowland, rare; 320°	Haddow et al.	1951
	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Ponds, artificial containers; ---; 322	Steyn et al.	1955
	Rock pools exposed to sun; bites outdoors at night, rarely in huts; 364°	Smith	1955
	Artificial containers; ---; 364	Harris	1942
wellmani (Theobald)	---; ---; 14	Edwards	1941
	River; ---; 44	Schwetz	1927
	Bamboo stems; ---; 123	Macfie & Ingram	1923a.
	---; ---; 163	Anderson	1924
	Artificial containers; ---; 226	Dunn	1928
	Tree holes; ---; 226	Dunn	1927
	Tree holes; ---; 227	Robinson	1948
wendyae Service	Puddles along rivers; ---; 226	Hamon et al.	1961
wigglesworthi Edwards	---; in dense forest, inland; 156	Doucet et al.	1960
	Temporary water with little vegetation; ---; 226	Edwards	1941
	---; lowland forest, rare; 320	Haddow et al.	1951
woodi Edwards	---; bites outdoors, enters houses; 163°. ---; ---; 364	van Someren et al.	1955
	---; June-Mar.; 163	van Someren et al.	1958
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
woodi Edwards (cont.)	---; ---; 214, 230. (Rot holes of trees, bites man outdoors)	Leeson	1958
	---; ---; 230	Edwards	1941
yangambiensis de Meillon & Lavoipierre	---; ---; 44	de Meillon & Lavoipierre	1944
	Puddles; ---; 156. ---; forest galleries, thickets; 206. Grasses on edge of ditches; ---; 226	Doucet & Cachan	1962
	---; in dense inland forest and savannah with heavy rainfall; 156	Doucet et al.	1960
	In small water-filled pit; ---; 175	Peters	1956
yvonneae Edwards	---; ---; 44	Edwards	1941
zammittii Theobald	---; ---; 63	Edwards	1926a.
zethus de Meillon & Lavoipierre	Tree holes; ---; 227	Muspratt	1945
AEDIMORPHUS			
punctothoracis (Theobald)	---; ---; 123	Simpson	1914
quinquepunctata Theobald	---; ---; 13	Theobald	1913
AEDOMYIA			
africana Neveu-Lemaire	Artificial container; ---; 13	Lewis	1956b.
	---; ---; 13, 44, 115, 123, 226, 230, 320, 364, 365. (Permanent water with vegetation)	Edwards	1941
	---; in houses, Oct.; 115	Galliard	1931b.
	---; ---; 61, 322, 324	Stone et al.	1959
	Pistia in lagoons; houses; 89	Hamon	1954b.
	In *Pistia* on edge of lakes, marshes, pools, streams; ---; 89	Hamon et al.	1956b.
	Pistia-covered pool; ---; 123	Ingram & Macfie	1917
	Ponds with *Pistia*; ---; 123	Zetek	1920
	---; in dense inland forest; 156	Doucet et al.	1960
	Streams, dams, pools; ---; 163	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDOMYIA			
africana Neveu-Lemaire (cont.)	---; ---; 186	Senevet & Andarelli	1959
	---; highland, inland lowland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 230. (Pools with *Pistia* plants, bites at night)	Leeson	1958
	Pistia-covered burrow pits; ---; 226	Hanney	1960
	---; bites man in evening, tree-top biter, Feb.-Nov.; 226°	Mattingly	1949a.
	Pistia; ---; 273	Hamon et al.	1956a.
	Most frequently in lake shore swamps, river swamps, in clear water with *Pistia* and *Ceratophyllum*; ---; 320	Goma	1960
	---; bites at night, in lowland canopy, rare; 320°	Haddow et al.	1951
	Common among reeds and *Pistia* beds in coastal bays; Nov.; 364	Smith	1955
oastastica Knab	---; ---; 13	Edwards	1912
	In borrow-pit containing clear water, overgrown with *Pistia stratiotes*, Sept.-Dec.; ---; 123	Ingram	1912
	---; arid, sandy soil, old sea bed, open orchard bush; 123. ---; lowlying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
furfurea (Enderlein)	---; ---; 13, 206, 273	Stone et al.	1959
	---; ---; 43, 227, 292. (Burrow pits with vegetation)	Leeson	1958
	---; ---; 44, 61, 320, 364. (Permanent water with vegetation)	Edwards	1941
	---; bites outdoors, very rare; 163°	van Someren et al.	1955
	Rice fields irrigated by canals, lakes rich in aquatic vegetation with many fish; ---; 186	Grjebine	1954
	---; coastal; 214	Brooke Worth & de Meillon	1960
	In inland papyrus swamps, in peripheral zone, among sedge and other grass, in shallow water; ---; 320	Goma	1960
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDOMYIA			
furfurea (Enderlein) (cont.)	Marshy land near harbour; ---; 364	Harris	1942
pauliani Grjebine	---; ---; 186	Stone et al.	1959
ALLOTHEOBALDIA			
longiareolata (Macquart)	---; Apr.; 211	Séguy	1925a.
	---; ---; 322	Anonymous	1941
ANOPHELES			
adenensis Christophers	Tanks, wells, cisterns; ---; 100	de Meillon	1947a.
	Wells; ---; 282	Leeson & Theodor	1948
africanus Theobald	---; ---; 14	Evans	1938
	---; ---; 226	Stone et al.	1959
	---; in houses; 279	Simpson	1913
algeriensis Theobald	In water in stream beds with pebbles; ---; 8	Collignon	1939
	In rivers; May, July-Aug.; 8	Collignon	1938
	---; responsible for malaria epidemic; 8*. ---; ---; 211	Senevet	1935
	---; Mar.-Aug., Nov.-Dec.; 8	Senevet & Andarelli	1960
	---; near coast; 8	Séguy	1924
	---; ---; 8, 176, 316. (Large marshes, sluggish streams with dense vegetation, ponds and ditches, bites man outdoors at dusk)	Peus	1942
	Mostly in seepage water and in drains, less frequently in irrigation canals, surface water and wells; seldom enters houses; 96	Gad	1956
	---; ---; 96. (Large marshes and sluggish streams with vegetation)	Russell et al.	1943
	In wells; ---; 316	Senevet & Andarelli	1956
	---; naturally infected with *Wuchereria bancrofti*, vector of nocturnal filariasis; 316*	Manson-Bahr	1959
	---; coastal regions; 316*	Juminer	1959
	---; ---; 316*	Weiss	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
amutis de Burca	Hill streams; ---; 100	de Burca & Shah	1943
antennatus (Becker)	---; ---; 96	Edwards	1912a.
ardensis (Theobald)	---; ---; 14	Gândara	1958
	Shaded mountain stream margins and backwaters, stones and floating vegetation; ---; 44, 322	de Meillon	1947a.
	---; on plateau at river source, Nov.-Dec.; 44. ---; ---; 206, 273	Lips	1959
	---; ---; 102, 111, 163, 292, 320. (Shaded mountain streams with vegetation, larvae among floating debris and stones, among backwaters and plants)	de Meillon	1949
	---; ---; 186	Stone et al.	1959
	---; ---; 214. (Shaded clear water along side of swift streams with overhanging grass, banks, rarely enters houses)	Russell et al.	1943
	Along edges of small well vegetated streams, hoof prints; in houses; 292	Reid & Woods	1957
	Still water between rocks, at side of swift-flowing well shaded mountain stream and among fallen leaves at side of clear stream; ---; 320. ---; rarely indoors; 322, 364	Evans	1938
	---; June, Sept., Oct.; 322°	Bedford	1928
argenteolobatus (Gough)	---; ---; 14, 44, 227. (Semi-permanent and permanent water with little vegetation or none, usually open ditches, ponds, wells)	Edwards	1941
	In grassy pool near river; Feb.-Apr., Nov., in marsh near, near river source, attacks man at end of afternoon and evening, in open savannah; 44°. ---; bites at night; 344°	Lips	1959
	---; ---; 57	Mattingly	1947
	---; ---; 186	Lacan	1954
	---; ---; 214. (Ponds, seepage, borrow pits, in houses)	Russell et al.	1943
	---; bites outdoors at night; 227°. Shallow exposed sandpools with little or no vegetation, exposed rock pools, seepages, borrow pits, swamps, all with some vegetation, road and storm drains; bites at dusk in open; 292°. Small collections of water with some shade, rock pools; ---; 322	de Meillon	1947a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
argenteolobatus (Gough) (cont.)	Wide varieties of habitats, permanent and semi-permanent waters; bites at dusk; 292°	Reid & Woods	1957
	Ponds and holes in ground; ---; 292	Evans	1938
	---; all year; 322	Bedford	1928
	---; ---; 364	Stone et al.	1959
aureosquamiger Theobald	---; ---; 44	Schwetz & Edwards	1927
	---; all year; 322	Bedford	1928
austenii (Theobald)	Muddy pools; in houses, naturally infected with malaria organism but not an important vector; 14	Evans	1938
	In river source, very rare; ---; 44	Lips	1959
	---; ---; 123*	Grundy	1945
azaniae Bailly-Choumara	In desert oasis under shaded dead leaves in clear cool water with muddy bottom or in open sunny section with marshy banks of red and green filamenteous algae, shallow wells of fresh water; ---; 286	Bailly-Choumara	1960
barberellus Evans	---; ---; 14	Stone et al.	1959
	Tree holes; along river, rare, Jan., Mar.; 156	Hamon et al.	1962
	Streams with vegetation, slow current; ---; 156	Adam & Hamon	1958
	---; in dense coastal forest; 156	Doucet et al.	1960
	Shaded streams, ditches with flowing water, possibly swamps; ---; 175	Peters	1956
	Clear water in forest; ---; 206	Lacan	1958
	In ditches; ---; 226	Boorman & Service	1960
	Hillside spring, ditch, small stream and probably swamp; ---; 279	Evans	1938
barbirostris van der Wulp	---; ---; 186	Enderlein	1920
berghei Vincke & Leleup	Running or stagnant water, marshy forest gallery; ---; 44	Vincke & Leleup	1949
bifurcatus Linnaeus	Craggy waterfalls with fast running water, under overhanging rocks, in shaded areas; ---; 8	Senevet	1932
	Apr., in river with marsh grasses bordered by willows; ---; 8	Collignon	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
bifurcatus Linnaeus (cont.)	---; ---; 96. (In water with plant debris, in cold water of wooded or covered places, water with light current or without any floating vegetation, parasites: *Plasmodium vivax*, *P. falciparum*, *Filaria immitis*)	Séguy	1924
	---; ---; 176, 316	Brighenti	1930
	---; Apr., May, July; 211	Séguy	1925a.
brohieri Edwards	---; ---; 13, 320	Stone et al.	1959
	---; plains; 61*	Mouchet & Gariou	1961
	---; ---; 123, 324. (Abundant at end of rainy season in grassy marshes with warm water crossed by a light current, rare in houses, attacks at sunset)	Hamon et al.	1956
	Brooks in forests, rock holes with dead leaves; ---; 156	Hamon et al.	1962
	Brooks; ---; 324	Hamon	1954a.
	---; Jan., Sept.; 324	Adam et al.	1956 (1957)
broussesi Edwards	Holes dug along banks of wadis, with fresh water abundant vegetation, leakings of ground pools with vegetation; ---; 8	Senevet & Andarelli	1956
	Stagnant water, small holes on ground with fresh water, pools or puddles with vegetation or green algae; ---; 8	Peus	1942
	Streams in oasis; ---; 8	Russell et al.	1943
	---; probably transmits malaria; 8	Senevet	1935
	Wells, partially covered with vegetation; ---; 176	Vernail	1953a.
	---; Jan.; 273	Hamon et al.	1961a.
brucei Service	Shady forest streams, partially dried up river beds; ---; 226	Service	1961
brumpti Hamon & Rickenbach	---; attacks at sunset; 324*	Hamon et al.	1956
brunnipes (Theobald)	---; ---; 13. ---; in houses, May-Aug., secondary vector of malaria; 44**	Lips	1961a.
	---; rare; 14	Evans	1938
	---; naturally infected with malaria; 44. Streams, borrow pits, ruts, seepages and "vleis"; in houses; 292*	Reid & Woods	1957

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
brunnipes (Theobald) (cont.)	---; ---; 57, 113	Stone et al.	1959
	---; ---; 61. In sunny marellea of rocks with vegetation crossed by thin current of warm water; ---; 112. Shallow furrows made by plows, in sun without vegetation with a small film of ferric hydroxyde on surface and dead algae on bottom; ---; 226. Grassy marshes in process of drying up during hot and dry season; ---; 324	Hamon et al.	1956
	Small lake; ---; 89	Hamon et al.	1956b.
	---; ---; 123*	Grundy	1945
	Dry season in marshes, sunlit clear water holes with muddy bottom and rich aquatic vegetation; ---; 131	Toumanoff & Simond	1956 (1957)
	---; in savannah with light rainfall; 156	Doucet et al.	1960
	---; ---; 186	Grjebine	1956
	---; houses at nightfall; 206	Lacan	1958
	Fresh, shallow exposed pool in road drain; ---; 214. Slow flowing streams with surface vegetation in sun or shade; ---; 279	de Meillon	1947a.
	---; enters houses; 214	de Meillon & Pereira	1940
	---; ---; 214. (Rare)	Russell et al.	1943
	---; bites outside at midnight; 225*	Hanney	1960
	---; ---; 227	de Meillon	1949
	---; in houses; 273	Hamon et al.	1956a.
	---; savannah; 324	Holstein	1953
buxtoni Service	Residual pools on edge of rapid brooks; mountain species; 61	Mouchet & Garion	1961
	Edges of stream shaded with overhanging vegetation; 226	Service	1958
caliginosus de Meillon	---; ---; 43. ---; near rivers, marshes, on man during day; 44.	Lips	1959
cameroni de Meillon & Evans	Among rocks in shaded stream with no vegetation; ---; 322	de Meillon	1947a.
caroni Adam	---; grotto; 206	Adam	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
cavernicolus Abonnenc	---; grotto; 131	Lips	1960a.
chaudoyei Theobald	In salt pools, in small collections of water with slimy bottom, without vegetation, sometimes in pools with a zosteracea of brackish water, *Ruppia rostellata*; desert; 8. ---; ---; 63. ---; desert; 96. In little pools with infiltrations of sequia, in very clear mineral water with sandy bottom, without vegetation; ---; 316	Séguy	1924
	---; ---; 8. (Brackish water, high salt-content species of sahara, suspected principal vector of malaria in region)	Foley	1918
christyi (Newstead & Carter)	---; in houses; 44, 361	Mattingly	1949
	---; ---; 44, 364. (Semi-permanent water with little or no vegetation)	Edwards	1941
	Rocky basin, in almost dry river bed; ---; 71	Lacan	1958
	Rocks and ground holes near dam, shallow swamp with dense vegetation, shallow marsh with grasses on edge and reeds in center and along outlet, river banks; maximum Aug. and Dec., all year; 102	Ovazza & Neri	1955 (1956)
	Muddy water; enters houses, rarely bites; 102*	Giaquinto-Mira	1950
	Very abundant above 230 meters; ---; 102	Hamon et al.	1956
	Contaminated rock pools, grassy edges of pools formed by flood water; ---; 102	Bevan	1937
	Very polluted water, discharge waters of tanneries; ---; 102	Ovazza et al.	1956
	---; Feb.-Apr. and June-Aug.; 102. At altitudes from 1400 to 2000 meters; ---; 214	Corradetti	1939c.
	Rare; ---; 163. (In borrow pits, pools, ditches, slow moving streams, residual pools in stream beds, swamps, and seepages, incriminated as a malaria vector)	de Meillon	1949
	---; in huts; 163	Garnham & Harper	1944
	Borrow pits, pools, ditches, slow streams residual stream bed pools, swamps, seepages; ---; 186. ---; enters houses; 320*	de Meillon	1947a.
	---; ---; 292	Leeson	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
christyi (Newstead & Carter) (cont.)	In brackish water of a wallow used by big game and exposed to sun, non-domestic, PH 9.5; 320. In some partially shaded irrigation furrows, in small pools at high altitudes with little shade; ---; 364	Evans	1938
	More common in cultivated than uncultivated swamps; high altitude species; 320	Goma	1960
	Cultivated ditches, native water holes, mining pits; ---; 320	Steyn	1948
	Permanent inland swamps; ---; 320	Goma	1961
	---; mountains; 361	Meyus & Bervoets	1958
cinctus (Newstead & Carter)	In rivers; ---; 44	Lambrecht & Zaghi	1960
	---; forest; 44. ---; ---; 71, 324	Lips	1961
	---; ---; 44, 106. (Slow moving shaded water, stagnant drain with vegetation)	de Meillon	1949
	Little brooks in underbrush, feeble current, with vegetation; forest; 61	Mouchet & Gariou	1961
	---; along rivers; 61. ---; ---; 115. ---; attacks about 6 p.m. in forest gallery; 319	Hamon et al.	1956
	In backwater of torrent in dense shade among aquatic vegetation; ---; 106. Shaded parts of wooded hill streams; ---; 175. (Wild species)	Evans	1938
	---; ---; 113	Holstein	1953a.
	Shaded stream backwaters with vegetation; ---; 123, 226	de Meillon	1947a.
	Mountainous forest region in streams with large stones, rapid and clear water, sandy bottom, in shade; ---; 156	Adam	1957 (1958)
	---; in dense coastal forest and dense inland forest; 156	Doucet et al.	1960
	Running water at edges of small to medium-sized streams, clinging to vegetation, usually in full shade; ---; 175	Peters	1956
	Fish culture ponds; ---; 206	Lacan	1958
	---; ---; 365. (Edges and backwaters of streams, usually well shaded)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
cinereus Theobald	Weeds and grass at edges of swift streams, stagnant weedy water; ---; 13	Abbott	1948
	---; ---; 43	de Meillon	1947
	---; ---; 54	Neave	1912
	Hill stream pools; culverts, tree roots, stones, vegetation; 100	de Burca & Shah	1943
	Shallow swamp with dense vegetation, river banks, rock holes, ground holes; all year, maximum Aug. and Dec., rarely bites; 102*	Ovazza & Neri	1955 (1956)
	Under vegetation in river bed, clear stream; in house; 102	Bevan	1937
	---; Apr.-June, Aug.-Sept., Nov.-Dec.; 102	Brambilla	1941
	Moderate degree of grassy shade, irrigation ditches, streams, pits and pools, sometimes in moving water and partial shade; rarely in houses; 163 . ---; in heavy shade among tree roots in rivers; ---; 364. (Sunlight and shade, marshy pools, edges of swamps, streams, ditches, borrow pits, maximum prevalence during off season of malaria)	Evans	1938
	---; ---; 163, 230, 322, 364. (Semi-permanent and permanent water with little or no vegetation, usually open ditches, ponds, wells)	Edwards	1941
	Puddle in rock depression on edge of river; ---; 206	Lacan	1958
	At altitudes from 1400 to 2700 meters; ---; 214	Corradetti	1939c.
	Wide varieties of habitat, permanent and semi-permanent water; in houses; 292	Reid & Woods	1957
	---; June; 292. Small pools near river banks, in houses, Aug.-May; 322	Bedford	1928
	---; ---; 299	de Meillon	1943
	Unshaded rock pools, many containing algae; ---; 322	Ingram & de Meillon	1927
	---; ---; 344	Raffaele & Coluzzi	1961
claviger (Meigen)	In mountains; ---; 8	Collignon	1944
	---; Jan., Mar.-July, Oct.-Nov.; 8	Senevet & Andarelli	1960
	---; naturally infected with malaria parasites; 123	Macfie & Ingram	1916a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
claviger (Meigen) (cont.)	---; ---; 176	La Face	1937
	---; enters houses; 211	Gaud	1948a.
	---; June and July; 211	Gaud et al.	1950
	---; ---; 211*	Gaud	1948
	---; ---; 213, 316	Logan et al.	1953
	Springs and cold water; humid and wooded areas; 316°	Juminer	1959
claviger var. *petragnanii* race *sataliensis* Senevet & Andarelli	---; ---; 8	Sicart & Ruffie	1960
concolor Edwards	Stagnant and flowing water, swamp; forest galleries; 44°	Lips	1960
	Marshes with clear water, low dense vegetation; ---; 44	Vincke & Leleup	1949
costalis Loew	---; ---; 8, 96, 201. (Important vector of malaria)	Séguy	1929
	Rocky recesses, holes of clay with non-polluted water, ditch, lake shore among *Pistia* and grasses; in houses; 44	Schwetz	1927
	Border of lake; very common; 44*	Schwetz	1933
	---; ---; 54, 227	Neave	1912
	---; ---; 56	Edwards	1924a.
	In lakes formed by flood water; June; 89	Bauvallet	1928
	---; ---; 113	Noc	1922
	---; experimentally infected with yellow fever virus; 117	Findlay & Davey	1936
	Ponds with *Pistia*; ---; 123	Zetek	1920
	Swampy pools; ---; 123	Ingram	1919
	Rotting wood; ---; 123	Macfie & Ingram	1923
	---; arid, sandy soil, old sea bed, thick and transitional forest, open orchard bush, abundant during July and Aug.; 123	Macfie & Ingram	1916a.
	---; ---, 163. (Carrier of fever)	Anderson	1919
	---; ---; 175	Evans	1932

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES costalis Loew (cont.)	Still water; naturally infected with malaria oocysts; 186	Monier	1935
	---; experimentally infected with *Wuchereria bancrofti*; 186	Gebert	1937
	---; ---; 201. (Permits development of *W. bancrofti*)	Séguy	1924
	Stagnant water, ponds; in houses; 206	Sicé & Vaucel	1928
	Fresh or brackish water, water formed by seepage or rain and retained in the pervious soil of silt or layers of algae, well pit, coastal swamps; rarely bites outdoors, enters houses, naturally and experimentally infected with malaria, all year, peak in Sept.; 226°	Barber & Olinger	1931
	Crab holes, wells, boats, canoes, roof gutters, artificial containers; ---; 226	Dalziel	1920
	---; most active from about midnight to dawn, peak of activity between 2 and 4 a.m., frequently bites early in evening; 226°. (Very important vector of malaria)	Kerr	1933
	---; ---; 226*	Raghavan	1961
	---; naturally infected with filaria; 226	Connal	1926
	Pools surrounded by grass; all year, peak Feb., rare during dry months; 230. (Small pool breeder, favoring rainwater in natural hollows of ground, borrow pits, depressions, hoof prints, artificial containers)	Lamborn	1925
	---; Aug.; 230	Davey & Newstead	1921
	Stream, swamp, river, hospital drain area; ---; 279	Evans	1925
	In dry season in streams with grass and weeds; ---; 279	Blacklock	1921
	---; enters houses, laboratory infection with *P. falciparum* and *W. bancrofti*; 279	Gordon et al.	1932
	---; experimental transmission of *W. bancrofti*; 279	Hicks	1932
	---; ---; 279°	Simpson	1913
	Crab holes; ---; 307	Chéneveau	1934
	---; Apr.-Oct., peak May-Aug.; 307	Tournier	1934
	---; naturally infected with sporozoites, carry *Filaria nocturna*; 322	Edwards	1915
	---; ---; 324	Legendre	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
costalis Loew (cont.)	---; ---; 360. (Most injurious as transmitter of malaria)	Brighenti	1930
	Shallow pools rich in decaying vegetation and alga growth, water fountains, tin drums, rain water; most abundant *Anopheles*, common vector of malaria; 364*	Aders	1917a.
	Water from coconut palms; ---; 364	Edwards	1923a.
	Crowns of coconut palms; ---; 364	Haworth	1924
coustani Laveran	---; ---; 13°	Lewis	1947
	---; ---; 42	Smart	1943
	---; ---; 43, 322. (Clear water with vegetation, swamps, ponds, springs, ditches and rice fields)	de Meillon	1947
	Rivers in forest galleries; considered vector of malaria; 44. ---; ---; 96. ---; considered vector of malaria; 361. In rice fields; ---: 362.	Lips	1962
	Marshy region; marshy region; 44	Vincke	1959
	In little shaded rivers, lightly flowing with sandy bottom and edge of vegetation; ---; 44	Wanson & Berteaux	1954
	Saline pools; ---; 44	Wanson	1935a.
	Ponds, stone pits, marshes, edge of lakes, streams, all with vegetation and in sun or shade; 61	Doby & Mouchet	1957 (1958)
	---; exceptional in houses, bites in houses; 61°. ---; ---; 71, 89, 132, 319. ---; in houses above 400 to 500 meters; 186	Hamon et al.	1956
	Pistia, streams, lakes, pools, grassy marshes; attack ferociously outdoors at sunset; 89°	Hamon et al.	1956b.
	Rainwater pool; ---; 100	de Burca & Shah	1943
	Clear water swamps with vegetation, marshes with grasses on edge and reeds in center; houses; 102°	Ovazza & Neri	1955 (1956)
	Streams, river, wells; ---; 102	Mira	1938
	---; Feb.-Apr. and June-Sept.; 102. At altitudes from 1300 to 1950 meters; ---; 214	Corradetti	1939c.
	Roots and floating grasses on river edge in forest gallery with light current, muddy water, rice fields, rivers with dense vegetation, in light current; ---; 112	Hamon	1954

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
coustani Laveran (cont.)	Pools with *Pistia* stratiotes; ---; 112	Holstein	1949
	---; houses, Aug., Sept., Nov.; 112	Holstein	1953a.
	Pools with emergent vegetation; ---; 123	Colbourne & Wright	1955
	Dry season in marshes, holes of clear water with muddy bottom and rich aquatic vegetation exposed to sun, irrigation gutters, brooks in banana plantations; houses; 131	Toumanoff & Simond	1956 (1957)
	In fresh water, permanent breeding places in dry season; ---; 131°	Toumanoff	1959a.
	---; in dense forest along coast and inland, in savannah with light or heavy rainfall; 156	Doucet et al.	1960
	Reedy pools and swamps; ---; 163	Haddow	1942
	---; bites rarely; 163°	Teesdale	1959
	---; ---; 175. Permanent rain pools, slow flowing or stagnant rivers and streams, rock holes; bites day and night, freely enters houses; 186°. Deep shade or rain pools, pools in stream beds; ---; 364	Evans	1938
	Reedy marshes, rice fields; rare; 176. Weedy marshes, rice fields, clear water ponds, springs, ditches; ---; 186	de Meillon	1949
	---; ---; 176, 211, 316. (Clear, fresh or slightly polluted, brackish water, grassy lake margins, broad ditches, quiet backwaters of slow-flowing rivers, streams with vegetation, swamps, rice fields, street gutters, night flier, rarely bites man)	Peus	1942
	Brooks near coast with feeble current and vegetation, brooks with winding course bordered by grasses and ferns, rice fields with irrigation canals; Feb., Mar., houses at night; 186	Grjebine & Brygoo	1958
	In sun or shade, warm water of rice fields, among *Marsilea* leaves; ubiquitous; 186	Grjebine	1956
	Lakes with rich vegetation, fish, dead leaves, among mangrove roots in flooded mangrove terrain, clear, lightly salty, sunny stagnant in places; ---; 186	Grjebine	1954
	Floating algae, grassy zones of streams, pools, flooded fields near large ponds and wells, rock cracks with clean water; ---; 186	Hamon	1954c.
	Hoof imprints, muddy water hole under rail, canal with fast moving water; ---; 186	Doucet	1949
	Breeds in water with light saline contents; ---; 186	Gebert	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *coustani* Laveran (cont.)	Clear water with slight current; ---; 186	Monier	1935
	---; nocturnal, peak of activity earlier in the night; 186	Halcrow	1956
	---; naturally infected with infective stage of filariae, suspected vector of filariae; 186	Huehns	1953
	---; all year; 186	Lacan	1954
	Fish-culture ponds; ---; 206	Lacan	1958
	In ditches; ---; 226	Boorman & Service	1960
	---; June-Apr., peak Sept.; 226°	Hanney	1960
	---; June, July, Sept., Nov.; 226	Mattingly	1949b.
	Dams, temporary rock pools, streams, seepage, ditches; Jan.-Nov.; 227	Pielou	1947
	Fresh water of rice fields, grassy marshes, *Pistia*, shaded brooks; houses during day, bites in houses at sunset; 273°	Hamon et al.	1956a.
	Pool in potato garden; ---; 279	Blacklock & Wilson	1942
	Pot hole; ---; 279	Lewis	1956c.
	Wide varieties of habitats, all types of permanent and semi-permanent waters; seldom bites man, naturally infected with *Plasmodium falciparum*, oocyst, in houses; 292°	Reid & Woods	1957
	---; ---; 299	de Meillon	1943
	Littoral swamps, very turbid shallow water, among elephant grass *Pennisetum*, inner or lakeward side of littoral swamp containing *Pistia* and/or *Ceratophyllum*, among fern, in clear or shallow water exposed to full sunlight in permanent inland swamps, high and low altitudes, sphagnum swamps, swamp pools of seasonal inland swamps; ---; 320	Goma	1961
	Lake shores, rivers, inland valley swamps, grass, papyrus and sphagnum swamps, wide ranges of swamp conditions, polluted water; ---; 320	Goma	1960
	Cultivated and uncultivated swamps, virgin papyrus zone, swamp periphery with permanent and semi-permanent pools; ---; 320	Goma	1958
	---; bites by night in lowland forest and open ground; 320°	Haddow et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
coustani Laveran (cont.)	Borrow pit; ---; 322	Steyn et al.	1955
	Borders of shaded brooks, grassy marshes exposed to sunshine; ---; 324	Vilain	1949
	Stagnant and running water, in sun or shade, in rice fields; ---; 361	Meyus & Bervoets	1958
	---; in houses; 361	Mattingly	1949
	In rice fields, swamps, weedy pools in shady erosion gullies; bites at night; 364°	Smith	1955
	---: bites indoors and outdoors; 364°	Smith	1955a.
coustani var. *caliginosus* de Meillon	---; enters houses in evenings; 43	de Meillon	1947
	---; ---; 44	Lips	1959
coustani *coustani* Laveran	In open marshes with dense vertical vegetation, existing among areas covered with dense forest; enters houses; 102. (Can be carrier of malaria). ---; can be carrier of malaria; 284	Giaquinto-Mira	1950
	Marshes, sugar plantations; Sept.; 102	Ovazza et al.	1956
	---; ---; 112	Hamon	1954
	---; bites rarely outdoors and very rarely inside houses; 163°	van Someren et al.	1955
	---; nocturnal; 163	Lumsden	1955
	---; attacks with ferocity after sunset and sometimes during day; 186°. (Can tolerate very cold water at night, 4°C.)	Hamon et al.	1956
	---; maximum biting activity at 7 p.m.; 186°	Hamon	1956
	Streams with overgrown vegetation; bites indoors and outdoors; 226	Hanne	1960
	---; Aug.-Nov.; 226°	Service	1963
coustani var. *tenebrosus* Dönitz	---; ---; 14	Gândara	1958
	---; ---; 42, 44. (Permanent water with much vegetation, but few trees)	Edwards	1941
	---; bites by day in shade preferably between 6 to 7 p.m.; 43°, 44°, 163°, 322°, 364°. ---; bites by day in shade; 230°	de Meillon	1947a.
	---; marshy region near river; 44	Vincke	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *coustani* var. *tenebrosus* Dönitz (cont.)	Reedy edges of large pools, borrow pits, stagnant drains, rice fields; bites by night, enters tents; 96°	Evans	1938
	Marshes, sugar plantations; Nov., Dec.; 102	Ovazza et al.	1956
	---; vector of malaria; 123*	Grundy	1945
	---; ---; 132	Fraga de Azevedo et al.	1945
	---; bites rarely outdoors and very rarely indoors; 163°	van Someren et al.	1955
	---; June-Sept. and Nov.-Jan., in houses; 163	Goma	1958
	---; bites rarely; 163°	Teesdale	1959
	---; nocturnal; 163	Lumsden	1955
	---; ---; 176	Russell et al.	1943
	---; ---; 186	Grjebine	1954
	Shallow swamps with vegetation; ---; 214	de Meillon	1949
	---; rarely in houses; 214°	de Meillon	1938
	---; enters houses; 226	Anderson	1933
	---; ---; 227	Robinson	1948
	---; ---; 292	Reid & Woods	1957
	---; bites by night in lowland forest, rare; 320°	Haddow et al.	1951
	---; naturally infected with filariae; 364	Muirhead-Thomson	1951
coustani var. *ziemanni* Grünberg	Swamps; bites outdoors at night; 13°	Lewis	1948
	---; ---; 13, 115, 175, 227. (Permanent water with much vegetation but few trees)	Edwards	1941
	---; river banks; 14	Gándara	1958
	---; bites man in houses at 8:30 p.m. and in thick bush between 3 and 5 p.m.; 43°	de Meillon	1947
	Marshy region near river; marshy region near river; 44	Vincke	1959
	---; in houses; 44, 361	Mattingly	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *coustani* var. *ziemanni* Grünberg (cont.)	---; bites, naturally infected; 61°. ---; very aggressive outdoors between 14 and 19 hours on edge of water courses; 102°. ---; attacks with ferocity after sunset and sometimes during day; 273°	Hamon et al.	1956
	---; ---; 61. (Clear water with vegetation, swamps, ponds, stream backwaters, springs, ditches)	de Meillon	1949
	---; houses; 71. ---; ---; 206, 319. (Houses, very aggressive)	Lacan	1958
	---; near coast, bites at sunset, Nov.-Dec., Apr., May; 89	Hamon et al.	1956b.
	Springs; Dec., attacks man at dark and dusk, enters houses; 102°. ---; considered to be vector of malaria, naturally infected with sporozoites; 176	Giaquinto-Mira	1950
	Marshes; rarely in houses; 102	Ovazza et al.	1956
	---; edge of swamp, lake borders; 102	Beven	1937
	---; houses at night; 112	Hamon	1954
	---; in huts; 117	Bertram et al.	1958
	---; ---; 123, 230, 279. Swamps near lake shore in standing vegetation including tall reeds next to papyrus belt, also in *Pistia*-covered swamp, and slow flowing grass grown drain; ---; 163. Shallow grassy ponds in sun; ---; 226. Tree holes near ground; ---; 320	Evans	1938
	---; ---; 131	Toumanoff & Simond	1956 (1957)
	Streams with vegetation, slow current; ---; 156	Adam & Hamon	1958
	---; dense forests along coast, in savannahs with light rainfall; 156	Doucet et al.	1960
	---; peak of incidence in May and June and after long rains; 163. (Permanent water with vegetation, papyrus swamps, margins of lakes and rivers)	de Meillon	1947
	---; bites very rarely indoors and outdoors; 163°	van Someren et al.	1955
	Natural collections of clear water such as swamps, small streams, ditches with slowly running water, shade not important but water with green flamentous algae and some floating plants preferred; 175	Peters	1956
	---; ---; 211. Coconut palms; ---; 364	Senevet & Andarelli	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
coustani var. *ziemanni* Grünberg (cont.)	---; ---; 214	Smart	1943
	In streams with overgrown vegetation; bites indoors and outdoors; 226°	Hanney	1960
	---; Jan., Apr., Aug.-Oct., Dec.; 226	Service	1963
	Shaded clear water in dam irrigation ditches; rarely enters houses; 273	Kartman et al.	1947
	In fresh and briny water; ---; 316	Juminer	1959
	---; bites by night in lowland forest, plantations, and canopy; 320°	Haddow et al.	1951
	---; ---; 324	Hamon	1954a.
culicifacies Giles	---; ---; 8. Brackish water, oasis; rare; 96	Gough	1914
	Wells, cisterns; possible carrier of malaria; 100	Moise	1940
	---; ---; 102	Giaquinto-Mira	1950
culicifacies adenensis Christophers	---; ---; 56	Smart	1943
	Artificial containers, irrigation wells of gardens containing salt and nitrates; ---; 100	Ovazza et al.	1956
	---; ---; 102	Stone et al.	1959
	Wells; ---; 282	Leeson & Theodor	1948
cydippis de Meillon	---; ---; 44	Lips	1959
dancalicus Corradetti	Saline pools, marshy areas; attacks in the open at dawn; 102°	Giaquinto-Mira	1950
	Brackish water; 250 meters above sea level; 102	Corradetti	1939d.
	In small saline puddles encrusted with salt; ---; 102	de Meillon	1949
	---; ---; 359	Senevet	1948
daudi Coluzzi	---; ---; 284	Stone et al.	1959
demeilloni Evans	---; ---; 13, 54, 206	Stone et al.	1959
	---, ---; 43	de Meillon	1947
	Marshy region near river; ---; 44	Vincke	1959
	---; in houses; 44, 351	Mattingly	1949

TABLE 1 - MOSQUITOES

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *demeilloni* Evans (cont.)	---; ---; 44°	Vincke et al.	1957
	---; shelters under rocks, mountain species; 61	Mouchet & Gariou	1961
	Hill stream; ---; 100	de Burca & Shal	1943
	Shaded, running water in rivers, streams, swamps, irrigation ditches; ---; 102. ---; peak of biting Dec. and Jan.; 320°. Clean, moving or quiet water with vegetation, seepages; ---; 322	de Meillon	1947a.
	Rocks and ground holes near dam and river edges, shallow marsh with grassy edges and reeds in center and outlet; ---; 102	Ovazza & Neri	1955 (1956)
	Bed of drying rivers, collection of water among stones, rock pools, springs; ---; 102	Giaquinto-Mira	1950
	---; Feb.-July; 102. At altitudes from 1 2000 meters; ---; 214	Corradetti	1939c.
	---; rare in houses; 102	Hamon et al.	1956
	Rivers, streams, swamps, seepages, pools, irrigation ditches, more or less clean water, shaded with jungle vegetation, not domestic; ---; 163. ---; rare in houses; 292, 322. Clean, cool stationary water with algae and grass, swamps; enters houses; 320. Usually not below 3000 meters; ---; 364	Evans	1938
	---; in huts; 163	Garnham & Harper	1944
	---; ---; 214, 230, 322. (Semi-permanent water with much vegetation but few trees, used open ditches, ponds and wells)	Edwards	1941
	Seepages, streams, ditches; ---; 227	Pielou	1947
	---; in houses; 292	Reid & Woods	1957
	---; ---; 299	de Meillon	1943
	---; bites by night in lowland forest, plantations and canopy; 320°	Haddow et al.	1951
	---; peak Apr. and Nov.; 320	Lumsden	1952
demeilloni var. *carteri* Evans & de Meillon	---; in houses; 292	Reid & Woods	1957
	River pools with spirogyra, ponds, pools with fairly clear water and vegetation; ---; 322	de Meillon	1947a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *demeilloni* var. *carteri* Evans & de Meillon (cont.)	---; ---; 322. (Ponds, pools with clear water and vegetation, river pools)	de Meillon	1949
distinctus (Newstead & Carter)	---; ---; 43, 56, 230	Stone et al.	1959
	Marshy region near river; marshy region near river; 44	Vincke	1959
	Swamps; occasionally enters houses; 44	de Meillon	1947a.
	Rocky and limpid stream; ---; 44	Schwetz	1927
	Well-shaded seepage pools and swamp pools; ---; 227	de Meillon	1949
	---; ---; 292. (Semi-permanent and permanent water with little vegetation, usually open ditches, ponds, wells)	Edwards	1941
	---; ---; 364	Gillies	1958
distinctus var. *ugandae* Evans	---; ---; 44, 115, 364. (Semi-permanent water with little or no vegetation)	Edwards	1941
	Clean water with little vegetation, in abandoned sand pits; ---; 320	Evans	1938
	Clear water with vegetation at the edge of swamps; ---; 320	Gillett	1955
domicolus Edwards	Vegetation at stream edges in rapid current; ---; 57	Mattingly	1947
	Lakes, grassy edges of torrent; houses; 89	Hamon et al.	1956b.
	In rivers with dense horizontal or vertical vegetation, light current, in grasses of mountain torrents, clear, rapid and cold water; ---; 112	Hamon	1954
	---; ---; 113	Stone et al.	1959
	---; uncommon; 123, 320. ---; enters houses; 226, 320	Evans	1938
	---; ---; 156. 319. Shallow water, abundant especially at end of rainy season; ---; 226. (Brooks with vegetation, grassy torrents with clear, cold and rapid water, in "marelles" of rocks crossed by light current)	Hamon et al.	1956
	---; ---; 227	Edwards	1941
	Ditch; ---; 279	Blacklock & Evans	1926

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
domicolus Edwards (cont.)	---; ---; 292	Smart	1943
	---; July-Aug., savannah; 324	Holstein	1953
d'thali Patton	Little hole of water in sand, large sheet of water full of vegetation; ---; 8	Senevet & Fratani	1938
	---; ---; 8, 13, 96, 284. (Wells, brackish water preferred, enters houses at night, bites man readily)	Peus	1942
	Unshaded and slow running water over grass, stagnant weedy pools, wells, springs, pools in river beds; ---; 13, 100. Sunlit seepage pools in river bed; enters houses; 102	de Meillon	1947a.
	In various types of water, including bare sandy pools; ---; 13	Lewis	1956
	---; ---; 56	Smart	1943
	---; ---; 71	Rioux	1959
	Stagnant weedy pool, swift flowing small drain with green algae and muddy bottom, slow flowing stream over grass, and weedy pools at sides of large fast running stream, some saline waters; ---; 96	Evans	1938
	In slowly flowing streams or pools with green algae floating and with clear water; ---; 96	Abdel-Malek	1956
	Artificial containers, hill streams, river pools; culverts; 100	de Burca & Shah	1943
	Water exposed to sun; bites man, rarely in houses; ---; 100°	Giaquinto-Mira	1950
	---; Apr. and May; 102	Corradetti	1938
	---; ---; 102*	Raffaele	1942
	---; ---; 186	Senevet et al.	1960
	---; ---; 201, 282	Stone et al.	1959
	---; ---; 211	Stone	1961
	Brackish water in trench, sea water, seepages, water holes in sand, rock pools, brick pits, artificial containers, warm mineral springs; ---; 284	van Someren	1943
	Desert mineral springs, shaded tree-lined section under dead leaves in cool clear water with muddy bottom; ---; 284	Bailly-Choumara	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
d'thali Patton (cont.)	Clear, fairly swift or slow-moving water, vegetation, trees, dry leaves; ---; 284	Maffi & Coluzzi	1960
	Can exist in hard water; ---; 284°	Choumara	1961
	Footprints; ---; 284. (Stagnant, weedy pool, unshaded running water)	de Meillon	1949
	Water holes sunken in sand and blocked more or less with vegetation; ---; 316	Juminer	1959
	Puddles with and without vegetation; ---; 316	Vermeil & Doby	1950
d'thali wardi Leeson & Theodor	Running, standing, muddy, clear, brackish or fresh water with or without vegetation; ---; 282	Leeson & Theodor	1948
dureni Edwards	Small, sandy, well-vegetated, shallow rivers with clear slowly moving water; in houses, bites readily in morning and evening; 44°. (Incriminated as a good vector of malaria)	de Meillon	1949
	In the fringing forests of streams; fierce biter in shade between 10 and 2 during day; 44°	Evans	1938
	In clear, non-calcerous water with sandy or muddy bottom in very shaded places; ---; 44	Bouillon	1952
	---; naturally infected with malaria; 44. ---; ---; 227	Lips	1960
	---; ---; 44. (In clear water, stagnant or running, of forest galleries)	Lips	1959
	---; ---; 113	Holstein	1953a.
	Brook in forest reserve; ---; 156	Hamon et al.	1956
	---; in houses; 361	Mattingly	1949
elutus Edwards	---; ---; 8	Kumm	1929
erythraeus Corradetti	Along the bed of a semi-dried-up stream, at about 1000 meters in altitude; ---; 100	Corradetti	1939e.
	---; ---; 102	Smart	1943
faini Leleup	In grottoes, pools fed by seepages, little bodies of water left by drying up stream; ---; 44	Leleup	1952
	---; grotto; 206	Adam	1961
flaviceps Edwards	---; June; 13	Edwards	1921

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
flavicosta Edwards	---; ---; 13°	Lewis	1956
	---; bites at night, plains; 61°	Mouchet & Gariou	1961
	Lakes; houses; 89	Hamon et al.	1956b.
	Rivers with dense vegetation, light current; ---; 112	Hamon	1954
	---; ---; 113	Holstein	1953a.
	---; rarely in dwellings; 123, 226	Evans	1938
	Permanent breeding places in dry season; ---; 131	Toumanoff	1959a.
	Dry season in marshes, sunlight, clear water holes with aquatic vegetation and muddy bottoms; ---; 131	Toumanoff & Simond	1956 (1957)
	---; in dense inland forest; 156	Doucet et al.	1960
	---; in houses, Jan.; 156	Hamon et al.	1962
	Ricefields; attacks at sunset and during night outdoors, in houses, Aug., Sept., Dec.; 186°. ---; ---; 319. ---; naturally infected with sporozoites; 324	Coz et al.	1960
	Puddles and swamps with tall grasses; active Sept.-Feb., abundant Dec.; 226	Hanney	1960
	Streams with moderate slow and with surface vegetation; ---; 226	de Meillon	1949
	---; feed mainly during first half of night, Jan.-Apr., Aug.-Dec.; 226°	Service	1963
	Marigots, brooks; houses; 273	Hamon et al.	1956a.
	Rice field, shaded, slow stream containing algae and much surface and underwater vegetation; ---; 279	de Meillon	1947a.
	---; attack outdoors and indoors; 324. (Abundant at end of rainy season in running water with vegetation, role as vector very discreet)	Hamon & Mouchet	1961
	---; savannah; 324	Holstein	1953
freetownensis Evans	Galleries of water adduction, debris under rocks; forests, savannahs, Aug.; 61	Mouchet	1957
	Stone pits in large forest; ---; 61	Mouchet et al.	1957
	---; shelters under rocks; 61. ---; ---; 123, 226, 324. ---; grottos in forest gallery; 319	Hamon et al.	1956
	---; Nov., Feb.; 61	Adam & Hamon	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
fraetcamensis Evans (cont.)	---; houses; 61	Adam	1956
	Forest gallery in shallow brooks with clear, cold water and muddy or sandy bottom with cascades; river banks; 112, 131	Bailly-Choumara & Adam	1960
	Brooks in forest, rock holes with dead leaves; ---; 156	Hamon et al.	1962
	---; in savannah with heavy rainfall; 156	Doucet et al.	1960
	Rock pools; very rare; 163	Service	1958a.
	Rock pools in streams in some shade, in pool by side of rocky river; non domestic; 279	Evans	1938
	Rock pools; ---; 292	de Meillon	1947a.
funestus Giles	Bodies of permanent, clear water such as swamps, lakes, edges of rivers and seepage with vegetation and shaded; in houses; 13	Foote	1953
	---; May-Oct. ; 13. ---; May-Sept.; 115. Limpid and shaded water; in houses; 163°. ---; peak during end of rainy season; 226. ---; ---; 284. May-Sept. and Oct.-Apr., peak in Jan.; 292. ---; in houses, all year; 320. Stream margins shaded with thick vegetation; all seasons; 322	La Face	1937
	---; all year, bites within an hour after sunset and before sunrise in open; 13°	Henderson	1932
	---; suspected to be an important vector of malaria; 13. (Important vector of *Wuchereria bancrofti*)	Lewis	1956
	---; ---; 13*	Lewis	1958
	River banks; ---; 14	Gândara	1958
	---; ---; 14, 43, 56, 186. (Permanent water, swamps, weedy sides of streams, rivers, furrows, ditches, protected portions of lake shores, weedy ponds, seepages, in houses, anthropophilic, important vector of malaria)	de Meillon	1949
	---; in houses, naturally infected with bancroftial filaria, full development of *Wuchereria bancrofti*; 44. ---; suspected vector of bancroftial filariasis; 279. Rice fields, swamps, grass pits, river beds, erosion gullies with grass; peak July or Aug.; 364	Smith	1955
	---; extremely common, suspected vector of malaria organism; 44	Schwetz	1947
	---; marshy region near river; 44	Vincke	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES funestus Giles (cont.)	---; ---; 44°, 111°. (Enters houses, malaria vector, clear water, ponds, seepages, protected lake shores, swamps, furrows, some shade necessary). Confined to swamps, ponds, marshes and rice fields; ---; 214°. ---; peaks in Mar. and Sept. after rains; 226. ---; readily dispersed via human transport; 227. Confined to large rivers and swamps; ---; 322°	de Meillon	1947a.
	---; ---; 44, 61, 117, 214, 227, 230, 279, 365. (Permanent waters with much vegetation but few trees)	Edwards	1941
	---; ---; 54	Neave	1912
	---; common; 57. (Natural carrier of malarial parasites). ---; Feb.-June; 292. ---; Aug., Oct.-June; 322*	Bedford	1928
	Wells, pools for watering garden; naturally infected with malaria, May-Dec.; 61. ---; Sept.; 71. Soft water; naturally infected with malaria; 89. In grasses in cold water torrents, in rice fields, especially those badly cared for, grassy streams with slow current and warm water; in houses; 112. ---; ---; 132. ---; in houses; 186. ---; Mar.-Dec., naturally infected with malaria, in houses; 206. Cement wells; ---; 226. Wells and pools dug for watering gardens; ---; 273. Wells and pools dug for watering gardens; naturally infected with malaria, forest galleries; 319. Grassy breeding places, in rainy season in marshes and rice fields, among debris of floating wood, in streams without vegetation, under shade; naturally infected with malaria; 324	Hamon et al.	1956
	In temporary pools of stagnant water after rainfall, made of natural or artificial depressions with elementary algae and other vegetation; ---; 61	Rousseau	1918
	Savannah, marshes and flooded zones of streams under the sun and with abundant vegetation, ponds and basins of fish cultures; ---; 61	Mouchet & Gariou	1960
	---; mountain regions, cleared parts of forest; 61	Mouchet & Gariou	1961
	---; houses; 61*	Adam	1956
	---; ---; 61°	Cavalie & Mouchet	1962
	Pistia, in residual puddles of lakes, grasses in lakes, brooks, torrents, brackish water near coast; houses, bites at sunset, Nov.-Dec., Apr.-May; 39°	Hamon et al.	1956b.
	Lakes formed by flood water; ---; 89	Bauvallet	1928
	Hill stream pools; ---; 100	de Burca & Shah	1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES funestus Giles (cont.)	Small sluggish river; ---; 102	Giaquinto-Mira	1950
	---; banks of rivers; 102	Bevan	1937
	Clear, running water or fish culture ponds with calm and often polluted water; ---; 111. Clear running, shaded streams, fish culture ponds; bites in forest gallery; 206°	Lacan	1958
	Pools with rich vegetation and *Pistia*; swamps, river edges with and without vegetation; 112	Holstein	1949
	---; Aug.-Dec., Mar.; 112	Holstein	1953a.
	---; natural vector of *Wuchereria bancrofti*; 113*, 186*. ---; naturally infected with *W. bancrofti*; 123, 226, 273, 279	Raghavan	1961
	Fresh waters with green algae and with feeble current, stagnant water, rivers and holes, all exposed to light; savannah, not abundant; 115. Swamps; domestic, less abundant in coastal regions; 123. Shaded ponds, floating papyrus, river edges with feeble currents, footprints; ---; 163. ---; domestic, less abundant in coastal regions; 279. Shaded pools; ---; 364	Galliard	1932a.
	---; Oct.-Nov., suspected vector of *W. bancrofti*; 117°	Bertram et al.	1958
	Pools with *Pistia*; ---; 123	Macfie & Ingram	1923
	Clean ditches and ponds; ---; 123	Colbourne & Wright	1955
	Dry stream beds; ---; 123	Ingram & Macfie	1919
	---; bites at night, indoors, carri of malaria, Jan.-Mar.; 123°. ---; bites at night, indoors, carrier of malaria, Aug.-Sept.; 279°	Ribbands	1945
	---; important vector of malaria; 123*	Grundy	1945
	Dry season in marshes; holes of clear water with muddy bottom and rich aquatic vegetation exposed to sun; ---; 131	Toumanoff & Simond	1956 (1957)
	Permanent breeding places in dry season; ---; 131	Toumanoff	1959a.
	Brooks, ponds in forests or shade, marsh with feeble current, rock holes exposed to sun and with dead leaves; ---; 156	Hamon et al.	1962

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES funestus Giles (cont.)	---; in dense forest on coast and inland, in savannahs with light and heavy rainfall; 156	Loucet et al.	1960
	---; in houses, all year, peak Sept.-Oct.; 156*	Escudie et al.	1962
	Occasionally in muddy water, sometimes in pH8.8; ---; 163. ---; ---; 267. ---; peaks of biting in dry season and shortly after the long rains, naturally infected with malaria; 320°. Limited to small streams; peak of entry into houses 11 p.m.; 322 °. ---; ---; 364 . (Clear water, more or less permanent, swamps, weedy sides of streams, rivers, furrows, ditches, protected portions of lake shores, ponds, especially when weedy, also brickpits, hoofmarks)	Evans	1938
	Wells, swamps, seepages, pools, dams, streams, rarely in pits, artificial containers; ---; 163	van Someren et al.	1955
	---; June, Sept., Nov.-Jan., in houses all day, bites day and night, rare species; 163°	van Someren et al.	1958
	---; naturally infected with malaria sporozoites and O'nyong-nyong fever virus; 163	Smith	1962
	---; naturally infected with effective vector of *Wuchereria bancrofti*; 163*	Nelson et al.	1962
	---; peaks in Mar.-June and Sept.-Nov.; 163	Smith & Draper	1959
	---; all year, peak May-Aug.; 163	Haddow	1942
	---; mainly nocturnal; 163	Lumsden	1955
	---; bites rarely; 163°	Teesdale	1959
	---; ---; 163*	Heisch & Harper	1949
	Permanent waters such as swamps, edges of streams and ditches containing flood water in early and late rains, always in clear water containing vegetation and well shaded by overhanging grass, shrubs; dominant species in houses in Feb.-May and Nov.-Dec.; 175*	Peters	1956
	Slow running stream edges with floating vegetation; ---; 175. (Experimentally infected with *Plasmodium falciparum* and *P. malariae*, one of the most important carriers of malaria)	Bequaert	1930
	Permanent water, especially in shade, marshes and ponds fed by temporary streams and rain, ponds rich in aqautic vegetation, brooks with bordering vegetation and shaded by trees, brooks containing filamentous algae and dead leaves, irrigation ditches of rice fields with aquatic vegetation; ---; 186	Grjebine	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *funestus* Giles (cont.)	Uncultivated or fallow rice fields; Dec.-July; 186*	Monier	1937
	Clear water with slight current; ---; 186	Monier	1935
	---; experimentally infected with *W. bancrofti*; 186	Gebert	1937
	---; naturally infected with filariae; 186	Brygoo & Grjebine	1958
	---; enters houses, all year; 201	Sautet et al.	1948
	---; capable of transmitting malaria in the winter; 214	de Meillon	1939
	---; in houses; 214	de Meillon	1938
	---; naturally infected with spirochaetes; 225	Masseguin & Palinacci	1954
	Pond open to the sun and abundantly supplied with dead grass, partially wooded swamps, in pods covered with *Pistia*, muddy ditches, large clear river; all year with peak in Sept., naturally and experimentally infected with malaria, enter houses; 226	Barber & Olinger	1931
	Boats, canoes; ---; 226	Dalziel	1920
	---; all year, peaks of activity between 12 p.m. to 2 a.m. and 3 a.m. to 4 a.m., bites indoors and outdoors, in huts, empty huts, grain bins, near wells, dry pots, zana mattings, grass, tree holes, rodent holes; 226°. (Established primary vector of human malaria)	Service	1963
	---; complete development of larvae of *Wuchereria bancrofti* obtained in this species, suspected principal vector of this filaria; 226 , 279	Neveu-Lemaire	1933
	---; enters houses at night, July, active at dawn; 226	Bruce-Chwatt	1950
	---; in houses, bites all night; 226°	Hanney	1960
	---; carry filariasis; 226	Senevet	1935
	---; ---; 226*. ---; in houses; 299	Kuhlow	1962
	Dam pools, seepages, ditches, rivers, water furrows; Jan., Mar.-Aug., Oct.; 227	Pielou	1947
	Springs, swamps; all year, peak Nov.-Apr.; 227*°	Watson	1932
	Water densely shaded from sun; ---; 227	de Meillon	1937
	---; in tents, carrier of malaria, densely foliaged trees, open country, bites man; 230°	Davey & Newstead	1921

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
funestus Giles (cont.)	---; all year, peak Sept.; 230. (A river breeder)	Lamborn	1925
	Shaded or exposed edges of swamps, small clear ponds, drainage ditches, irrigation ditches, wells, temporary rain pools, grassy edges of lake shore; enters houses; 273	Kartman et al.	1947
	Brackish water, grassy marshes, rice fields; ---; 273	Hamon et al.	1956a.
	Fast and slow streams with vegetation; ---; 279	Blacklock & Evans	1926
	Isolated rock pools; ---; 279	Bacot	1916
	Crab holes; ---; 279	Dalziel & Johnson	1915
	---; in houses, experimentally infected with filariasis; 279	Gordon et al.	1932
	---; in houses by night, in dark houses by day; 279	Tredre	1946
	---; Sept.; 279	Blacklock & Wilson	1942
	Edges of streams, in swamps and in permanent collection of water with slow currents, and with vegetations, and with shade; cavities and vegetation along stream banks, earth crevices, hide by day beneath stones, enters houses; 292	Evans & Leeson	1935
	Permanent streams, edges of small streams or swamps with slow current and vegetation; ---; 292*°	Reid & Woods	1957
	---; Mar.; 292	Galliard	1931a.
	Lagoons; all year; 307	Tournier	1934
	In littoral swamps with papyrus, reeds, short grass, or other vegetation growing in quite clear shallow water, at periphery of permanent inland swamps where water is clear, shallow and exposed to full sunlight, seasonal inland swamps; ---; 320	Goma	1961
	In margins of swamps but not intensively, in fringe of papyrus *Cyperus papyrus* zone; ---; 320*	Goma	1958
	---; bites by day and night, lowland forest plantations, canopy, and open ground; 320°	Haddow et al.	1951
	---; naturally infected with malaria, in houses; 322	de Meillon	1936
	Waters with vegetation; enters houses, all year; 324*	Vilain	1949
	---; naturally infected with sporozoites; 324	Hamon et al.	1961a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
funestus Giles (cont.)	---; savannah, July-Aug.; 324	Holstein	1953
	---; ---; 360. (Most injurious as transmitter of malaria)	Brighenti	1930
	Semi-permanent marshes with high vegetation, such as grasses and reeds, formed by flooded rivers, small narrow and deep streams in midst of native farms; in houses; 361*	Meyus & Bervoets	1958
	Flooded rice fields, large shallow swamps, backwaters of rivers; near flooded rice fields; 364	Aders	1917a.
	Prefers shaded waters; naturally infected with *Plasmodium sporozoites*; 364	Mackay	1935
	---; June-Oct., Dec.-Apr., coastal regions in houses, bites at night, naturally infected with malaria; 364*°	Gillies & Wilkes	1963
	---; naturally infected with microfilariae, bites indoors and outdoors; 364°	Smith	1955a.
	---; naturally infected with *Wuchereria bancrofti*; 364	Hicks	1932
funestus var. *confusus* Evans & Leeson	Marshy region; ---; 44	Vincke	1959
	---; ---; 102, 186	Stone et al.	1959
	---; ---; 163, 292, 322. (Permanent waters with much vegetation but few trees)	Edwards	1941
	---; ---; 163, 364. (Weedy stream margins, rivers, ditches, ponds, water with vegetation)	de Meillon	1949
	Fish culture ponds; ---; 206	Lacan	1958
	---; ---; 214	Pereira	1946
	Edges of streams, in swamps and in permanent collection of water with slow current and with vegetation and shade; cavities and vegetation along stream banks, earth crevices, hide by day beneath stones, enters houses; 292	Evans & Leeson	1935
	Seepages in an erosion gully, rice field, grassy bed of a river; ---; 364	Smith	1955
funestus funestus Giles	---; in houses; 44**	Bouillon	1953
	---; in houses; 163, 292. ---; ---; 284, 322, 344. (Vector of malaria)	La Face	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
funestus funestus Giles (cont.)	---; houses, night and day, all year, peak July-Aug.; 186	Gruchet	1962
	In ditches; ---; 226	Boorman & Service	1960
funestus var. *fuscivenosus* Leeson	---; ---; 14	Stone et al.	1959
	---; in native huts, drain near river, May-Aug.; 292	Leeson	1930
	---; in houses, crevices; 292	Reid & Woods	1957
funestus var. *imerinensis* Monier & Treillard	---; ---; 186	Monier & Treillard	1935
funestus leesoni Evans	Marshy regions; ---; 44	Vincke	1959
	---; ---; 102, 163, 214, 226, 227, 320, 322	de Meillon	1947a.
	---; ---; 284, 344. ---; in houses; 292	La Face	1937
funestus var. *rivulorum* Leeson	Marshy region; ---; 44	Vincke	1959
	---; ---; 163, 214, 226, 320, 322, 364. (Slow moving streams, near banks and among boulders)	de Meillon	1947a.
	Slow moving streams near banks and among boulders; along streams, in crevices and cavities in banks; 292	Leeson	1935
funestus var. *subumbrosa* Theobald	---; ---; 117	Findlay & Davey	1936
funestus umbrosa Theobald	---; ---; 117	Findlay & Davey	1936
fuscicolor van Someren	Rice fields; ---; 186	de Meillon	1949
fuscicolor var. *soalalaens* Grjebine	---; ---; 186	Grjebine	1954
gambiae Giles	Edges of swamps with disturbed vegetation; rarely bites man; 13*	Lewis	1948
	Rain pools, puddles, in flooded sunt, *Acacia arabica*, forest; in houses; 13*	Lewis	1958
	On rivers, in irrigated areas, on or near certain hills, residual pools; ---; 13, 96. (Chief vector of malaria in northern provinces)	Lewis	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae Giles (cont.)	---; population heaviest at times of rain; 13, 230°, 299°, 322°. ---; ---; 43°, 56°, 57°. Marshes, flooded islands; population heaviest at times of rain, malaria vector; 44*°. Found in natural water of pH 4.0; ---; 123. ---; in houses, biting peak Oct.-Dec., transported on trains; 163°. Eroded soil areas; ---; 292°. - -; forest twenty-four hours a day when micro climate is stable; 320. Found in complete darkness of underground water tanks, heavy larval population in newly cultivated, turned or eroded soil and rice lands; usually restricted to native reserve if livestock have denuded field, and to widely spread rivers; 322°. (Most common forest mosquito, malaria vector)	de Meillon	1947a.
	River banks; river banks; 14	Gândara	1958
	---; ---; 42	Smart	1943
	Along road exposed to sun in river valley; all year, near coffee and oil palm plantations; 44	Laarman	1958
	Crab holes; ---; 44	Wanson	1935
	---; forests; 44. All kinds of water exposed to sun; ---; 115, 279, 292. Artificial containers; ---; 131. Latrine and trench water, all kinds of water exposed to sun; ---; 163. All kinds of water with green algae; ---; 226, 230. ---; outdoors, on vegetation and holes along rivers; 344. Latrine and trench water; ---; 364	Galliard	1932a.
	---; naturally infected with sporozoites; 44, 112, 117, 230, 320	Marneffe & Sautet	1944
	---; full development of *Wuchereria bancrofti*; 44. ---; suspected vector of bancroftial filariasis; 279. Rice fields, swamps, *Pistia* beds, grass pits, erosion gullies with grass, sunlit pools in beaches and rocks; in houses, ubiquitous, peak in May; 364	Smith	1955
	---; Feb.-June; 44	Wanson	1935a.
	---; ---; 44*	Bouillon	1953
	---; experimental infection of *Plasmodium falciparum*; 54	Pringle	1962
	---; ---; 56, 365. (Semi-permanent and permanent water, with little vegetation or none, usually open ditches, ponds, wells)	Edwards	1941
	All types of water collections, if they do not contain too much organic material, mineral salts and if they have no current, prefers little sunlit collections of water, vegetation may be entirely submerged or absent, generally in clear or milky water, sometimes in muddy water but not in very polluted water, tree	Rageau et al.	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae Giles (cont.)	cracks, leaf sheathes, springs, residual pools of ponds, flood zones, puddles near water courses, rock seepages, ditches, rice fields, artificial containers, all man made excavations in clay soil with stagnant water; in houses, bites in houses, essentially nocturnal 6 p.m. to 6 a.m. in houses; 61°. ---; houses; 113	Rageau et al. (continued)	1953
	Ponds, fish culture ponds, on roads, stagnant water in holes between rocks, exposed edges of large marshes, edges of paths, sandpits, in rainy periods; June, plain, near fish culture ponds; 61	Mouchet & Gariou	1960
	Forest region, foot paths, car tracks, cleared areas, need rainfall and sunlight; July, Sept.-Jan., forest region, bites during night; 61*°	Mouchet & Gariou	1957
	Beginning of rainy season, Oct.-Nov., Apr., May, numerous in temporary breeding places; 61	Adam	1956
	Spring water pools; ---; 61	Rageau & Adam	1953
	---; attacks during day in houses at beginning of dry season, aggressive outdoors beginning at sunset, naturally infected with malaria; 61°. ---; natural infection of malaria; 89. ---; bites in houses at night, bites outdoors at high altitudes and in sugar cane plantations; 102°. ---; can bite all day long in houses and in dark places, in rainy season activity increases after sunset until a few hours after sunrise, natural infection of malaria, Jan.-Oct.; 132°. ---; in houses, natural infection of malaria, Mar.-Dec.; 206. ---; recrudescence of activity at dawn; 273. ---; ---; 319. Residual puddles of temporary ponds and marshes, in dry season, in drying up marshes and rice fields in savannah zone; natural infection of malaria, bites during day in houses, outdoor aggression starts at sunset, recrudescence in activity at dawn; 324°	Hamon et al.	1956
	---; principal vector of malaria; 65*°, 102*	Russell	1957
	Pools of water in palm groves; ---; 71	Saugrain & Taufflieb	1960
	---; houses; 71	Lacan	1958
	Artificial containers; houses, bites at sunset, Nov.-Dec., Apr., May; 89°	Hamon et al.	1956b.
	Flood lakes; ---; 89	Bauvallet	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae Giles (cont.)	---; ---; 96, 275. (All kinds of small water collections exposed to sun, crab holes, artificial containers, occasionally in slow flowing water, fresh, brackish or polluted, domestic, bites indoors and outdoors, nocturnal with peak of activity at sunset, vector of malaria)	Peus	1942
	Sandy sunny pools, artificial containers; enters houses; 100*	de Burca & Shah	1943
	River beds; abundant; 102. ---; Oct.-May, enters houses at night; 115. Covered water ditch; ---; 123. ---; all year, peak May-June; 163. Water exposed to sun with green algae; ---; 186, 230. Water exposed to sun; ---; 226. Irrigation canal with limpid water rich with vegetation; May-Aug., Oct., Dec., in houses; 284. ---; Jan., abundant in Mar.; 292	La Face	1937
	Dead branch of river, water holes along river bank, water holes and among rocks near dam, shallow swamps with vegetation, shallow marshes with grasses along edge and reeds in center and outlet; bites in morning, especially under cover near rivers; 102°	Ovazza & Neri	1955 (1956)
	---; all year; 102. Found at altitudes from 400 to 1800 meters; ---; 214	Corradetti	1939c.
	---; ---; 106	Maffi	1962
	Temporary breeding places, muddy water, rock crevices without vegetation and exposed to sun, residual puddles of marigots in sun; in houses at night; 112	Hamon	1954
	Pools with rich vegetation, swamps, river edge with and without vegetation, holes with *Pistia* stratiotes, irrigation channels, hoof prints; 112	Holstein	1949
	Tree holes; bites at nightfall, domestic; 112*°	Sautet & Marneffe	1943
	---; natural infection with spirochetes; 112	Masseguin & Palinacci	1954
	---; Aug.-Dec., Mar.: 112	Holstein	1953a.
	Sun-exposed stagnant muddy water without vegetation; ---; 113	Le Gall	1944
	River banks with papyrus; ---; 115	Galliard	1932
	---; ---; 117**	Bertram & McGregor	1956
	Ditches, pools, footprints, seepages, pools in stream beds; ---; 123	Colbourne & Wright	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae Giles (cont.)	Large permanent swamp; ---; 123	Ribbands	1946a.
	---; naturally infected with *Wuchereria bancrofti*; 123, 132. ---; experimental infection and natural vector of *W. bancrofti*; 175*. ---; natural infection and natural vector of *W. bancrofti*; 273*, 364*	Raghavan	1961
	---; bites at night, indoors, malaria carrier, Jan.-Mar.; 123°. ---; bites at night, indoors, malaria carrier, Aug.-Sept.; 279°	Ribbands	1945
	---; experimental infection with *Plasmodium falciparum*; 123	Robertson	1945
	---; experimentally infected with *W. bancrofti*; 123	Muirhead-Thomson	1954
	In fresh water during dry season, in temporary fresh water pools in rainy season, on submerged plant *Paspalum vaginatum* near coast, in temporary or permanent breeding places during dry season, in marshes of fresh water fed by streams or in brackish water during high tides; in villages during day, in houses; 131*	Toumanoff	1959a.
	Dry season, holes of clear water with muddy bottom and rich aquatic vegetation exposed to sun, pools of stagnant water; attacks outdoors at night and in houses during day; 131°	Toumanoff & Simond	1956 (1957)
	---; ---; 132*	Ruffie	1957
	---; bites at night; 156°. ---; maximum aggressiveness before dawn; 163°. ---; maximum aggressiveness 7 p.m. and 4 a.m.; 226°. ---; bites from sunset to dawn; 320°	Doucet	1961 (1962)
	---; all over, in dense forest along coast or inland, in savannahs with heavy or light rainfall; 156	Doucet et al.	1960
	---; in houses, all year, peak Sept.-Oct.; 156*	Escudie et al.	1962
	Pits, drains, seepages, swamps, pools, rock pools, wells, dams, streams, artificial containers, sea water, tanks; bites outdoors and indoors; 163°	van Someren et al.	1955
	Borrow pits; ---; 163	Haddow	1942
	---; naturally infected with malaria sporozoites and o'nyong-nyong fever virus; 163	Smith	1962
	---; naturally infected with and effective vector of *W. bancrofti*; 163*	Nelson et al.	1962
	---; mainly nocturnal; 163	Lumsden	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae Giles (cont.)	---; bites rarely; 163°	Teesdale	1959
	---; ---; 163*	Heisch	1947
	Temporary pools, borrow pits, swamps, ditches, rock pools, especially liable to breed in small ground pools near houses, hoof prints, car ruts or any small pool with muddy water, fully exposed to sun which does not dry up too quickly; abundant in coastal savannah, most abundant species in June, in houses, naturally infected with malaria sporozoites and filaria; 175*	Peters	1956
	Artificial containers, tree holes, river beds in sun, wells, open ponds; bites day and night; 175°. ---; partial development of *Dipetalonema perstans*; 320	Bequaert	1930
	---; experimentally infected with malaria; 175. ---; naturally and experimentally infected with malaria, carrier of *Wuchereria bancrofti*, peak June-July; 226, 322. ---; important malaria vector; 230*°, 273*°. ---; ---; 267. Sunlit muddy pools with no vegetation, reclaimed land; naturally infected with sporozoites; 320°. Rock holes, holes in coral roadbed; 364. (Water partially exposed to direct sunlight, including puddles, borrow pits, animal hoof prints, drains, ditches, irrigation furrows and seepages, in drying-up beds of streams or near edges of lakes and swamps, shallow overflow from streams or drains, usually permanent water, floating plants including water lilies and *Pistia*, or submerged vegetation, feeds mainly on human blood and bites indoors and outdoors, enters houses, important vector of malaria, crepuscular where abundant, important carrier of *W. bancrofti*)	Evans	1938
	---; all year, abundant May-Oct., naturally infected with *Plasmodium falciparum, P. malariae,* and *P. ovale*; 175	Fox	1957
	---; experimentally infected with *P. falciparum* from man; 175	Muirhead-Thomson	1957
	---; rest on walls and low ceilings; 175	Briscoe	1950
	---; ---; 176	Vermeil	1953a.
	Breeding places almost always temporary, very little fauna or microflora, water well-oxygenated with mud in suspension, little or no ferric hydroxyde, water slightly or not at all polluted, especially in man-made places, excavation ruts, holes made for rice culture, brick quarries, gravel pits, artificial containers, rock excavations, natural breeding places, flooded areas, receding rivers, rain puddles, especially in lakes with much vegetation, such as *Pistia* and filamentous algae, manure pits, ubiquitous; 186	Grjebine	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTIONS (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *gambiae* Giles (cont.)	Crab holes on edge of brackish lagoon; maximum biting at midnight; 186°	Hamon	1956
	Among mangrove roots in flooded mangrove terrain, clear, clean, calm, lightly salty, sunny stagnant water, rice fields irrigated by canals, rice nursery in clear sunny spaces; ---; 186	Grjebine	1954
	Clear or stagnant water with vegetation, slow moving streams, canals, puddles in rice bale; ---; 186	Doucet	1949
	---; nocturnal, peak of activity early in the night, minor vector of filariasis; 186*	Halcrow	1956
	---; naturally infected with malaria organism, Nov.-Dec., Mar.-May; 186*	Wilson	1947
	---; in houses, Dec.-Mar., peak in Feb.; 186	Lacan	1954
	---; coastal and forest regions, bites outdoors; 186°	Joncour	1956
	---; ---; 187, 285	Kumm	1929
	---; river and marsh edges, enters houses, all year, most abundant in winter; 201	Sautet et al.	1948
	---; May-Sept.; 206*	Merle & Maillot	1955
	---; ---; 211	Séguy	1930
	In salt water; ---; 214. In salt-water pools; rest in shade at base of trees, on stalks of *Avicenna*, on shaded termite mounds, under fallen leaves, in crab holes, under coralline rocks; 364	Iyengar	1962
	Artificial containers; ---; 214	de Meillon	1938
	---; ---; 214*	Huehns	1953
	---; naturally infected with *Wuchereria bancrofti*; 225*. ---; experimentally and naturally infected with *W. bancrofti*; 226, 279*	Neveu-Lemaire	1933
	Native canoe, rain-filled coconut husks, pools in small silted updrains especially with *Paspalum* grass; ---; 226	Gilroy & Bruce-Chwatt	1945
	Artificial containers with red muddy water due to suspended colloidal clay; ---; 226	Bruce-Chwatt	1957
	In ditches, puddles, and sand pits; ---; 226	Boorman & Service	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae Giles (cont.)	---; all year, bites indoors and outdoors, in huts, grain bins, near wells, dry pots, zana matting grass, tree holes, rodent holes; 226°. (Established primary vector of human malaria)	Service	1963
	---; in houses, bites at night; 226°	Hanney	1960
	---; Feb.-Nov., peak June and July; 226°	Mattingly	1949a.
	---; ---; 226*	Harris	1961
	Dams, pools, rock pools, puddles, seepages, hoof prints; Jan.-May; 227	Pielou	1947
	Surface pools in mopane clay-soil among *Acacia* and small bushy trees; ---; 227	Muspratt	1945a.
	Exposed rain water puddles; ---; 227	de Meillon	1937
	Small pools directly or partially exposed to sunlight, drainage ditches, edges of small streams and swamps, temporary rain pools and puddles, stream overflows, sand pools, pits of clear water, weeds, small pond with high organic content; enters houses; 273	Kartman et al.	1947
	Rain puddles, rice fields; bites from sunset to just before dawn; 273°	Hamon et al.	1956a.
	Earth pools, street drains, recesses along grassy edges of streams; Apr.-July, Sept.-Dec.; 279	Blacklock & Wilson	1942
	Rock pools; naturally infected with malaria sporozoites, all year, peak June, July; 279*	Walton	1947
	Grassy covered area; Jan.-May; 279	Ribbands	1944
	Brackish and fresh water, rain pools and puddles, sweet potato mounds, in *Avicennia* orchards and *Rhizophora* trees; ---; 279	Muirhead-Thomson	1945
	---; in houses at night, dark houses by day; 279	Tredre	1946
	---; rests in open, on hedges and oil palms; 279	Logan et al.	1953
	---; carries *Wuchereria bancrofti*; 279	Senevet	1935
	Marshes and temporary ponds, animal foot prints, artificial containers, prefers soft water; on plateau region without permanent water, bites at sunset, dawn, middle of night; 284*°	Choumara	1961
	In water with vegetation, shade, muddy water, in water with feeble currents; ---; 284 °	Maffi	1960
	Small wells on rocks with water exposed to sun; ---; 284	Corradetti	1939b.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae Giles (cont.)	Wells and small collections of water; ---; 284	Tedeschi & Scalas	1934
	Warm shaded drain with vegetation; ---; 284	van Someren	1943
	In salt water; ---; 284	Maffi	1960a.
	Permanent and semi-permanent water; naturally infected with *Plasmodium falciparum*, main malaria vector; 292*	Reid & Woods	1957
	---; Nov.-June; 292	Thomson	1929
	---; in houses; 292	Alves	1951
	---; ---; 299*	Mastbaum	1954
	Sunny forest ground pools, slow flowing saline streams; bites day and night, open lowland ground; 320°	Haddow et al.	1951
	In swamps, highly saline tepid water, sulphurous water; ---; 320	Goma	1960
	Periphery of permanent inland swamps where water is clear, shallow, exposed to full sunlight; ---; 320	Goma	1961
	Sheet rock without cover of earth or grass, temporary rain puddles; ---; 320	Hopkins	1942
	Swamp margins with vegetation; ---; 320*	Goma	1958
	---; June, Aug., Nov.-Dec., in houses all day, nocturnal, bites more often outside than inside; 320°	van Someren et al.	1958
	---; all year, peak Feb., Apr., Oct.; 320	Lumsden	1952
	---; ironwood forest; 320	Haddow & Dick	1948
	---; ---; 320*	Reeves	1962
	Prefers freshly formed small rainwater pools in sunny arid areas; naturally infected with malaria, in houses; 322	Swellengrebel et al.	1931
	Quarry, borrow pit, pond; ---; 322	Steyn et al.	1955
	---; Feb.-May; 322*	Bedford	1928
	---; ---; 322. (Small natural water collections, in sun, artificial containers, tree holes, enters houses, vector of malaria)	de Meillon	1949
	Rain puddles; predominant in all places and all year, domestic; 324*	Vilain	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDOPHELES *gambie* Giles (cont.)	---; attacks at night in houses and outside; 324°	Adam et al.	1960 (1961)
	Artificial containers, puddles of rain water, river overflowing and back waters, stagnant pools, ponds with emerging or flowing vegetation, wells, irrigation canals, drainage ditches, ruts, leakages of pipes; in houses; 361*°	Meyus & Bervoets	1958
	Sunny open swamps, shallows and backwater of rivers, borrow pits, shallow depression in coral rocks, hoof prints, boats, artificial containers; naturally infected with filariasis; 364	Aders	1927
	In fresh and high saline content waters, preferably under sunlight; naturally infected with *Plasmodium*; 364	Mackay	1935
	Streams, shallow earth pits, borrow pits; ---; 364	Christie	1954
	Coconut palms; ---; 364	Haworth	1922
	---; bites outdoors and indoors; 364°	Smith	1955a.
	---; malaria vector; 364*°	Draper & Smith	1957
gambiae *gambiae* Giles	---; bites indoors, experimentally infected with *P. falciparum*; 57°	Bruce-Chwatt	1950
	Pistia, in puddles, rock crevices, grassy streams, residual puddles of marigots; houses: 89	Hamon et al.	1956b.
	---; experimental infection with *P. falciparum*; 123, 226	Draper	1953
	Soft water marshes, inundated fields; ---; 131	Toumanoff	1959
gambiae var. *melas* (Theobald)	---; ---; 14	Gândara	1958
	---; ---; 44	Lips	1960a.
	Salt water along lagoons and tidal swamps, *Avicennia* mangroves, coarse marsh grass; bites indoors, preferably at dawn, anthropophilic, experimentally infected with *P. falciparum*; 57°	Bruce-Chwatt	1950
	Marshes; ---; 89	Hamon et al.	1956b.
	---; ---; 113	Holstein	1953a.
	---; ---; 115	Lacan	1958
	Swampy ground and rice-furrows, ditches with overgrown vegetation, shallow brackish water; in huts; 117°	Bertram et al.	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES gambiae var. *melas* (Theobald) (cont.)	---; ---; 117**	Bertram & McGregor	1956
	---; ---; 123, 206, 273, 279. (In water of sand holes of high salt content)	Hamon et al.	1956
	On coast, pools formed by infiltration of sea water, in mangrove fields, dry season in mango fields bordered by sand dunes; in houses during day and night; 131*°	Toumanoff	1959a.
	---; coastal zone, bites man, Dec., naturally infected with *Filaria bancrofti*; 131°	Toumanoff	1959
	---; in dense forest near coast; 156	Doucet et al.	1960
	Submerged algae in dark rock pool; ---; 163. Brackish coastal water; ---; 226. Peaty water; ---; 320	Evans	1938
	Brackish water in lagoons and tidal swamps, particularly associated with *Avicennia* mangrove; naturally infected with malaria sporozoites; 175*	Peters	1956
	---; ---; 186	Stone et al.	1959
	Crab-holes; ---; 226*	Gilroy & Bruce-Chwatt	1945
	---; experimentally infected with malaria; 226. Mangrove swamps, brackish or salt water; domestic; 279	de Meillon	1947a.
	Boggy area of sedge and seagrass intertidal zones, *Avicennia* orchards; mouth of river, in houses; 279	Muirhead-Thomson	1945
	Grassy covered area; Jan.-May, peak 3 to 4 weeks after causative rainfalls; 279	Ribbands	1944
	---; effective vector of malaria; 279*	Tredre	1946
garnhami Edwards	---; ---; 13	Stone et al.	1959
	---; in houses; 44	Mattingly	1949a.
	---; ---; 44, 163, 320. (Semi-permanent and permanent water with much vegetation, but few trees)	Edwards	1941
	Largely restricted to high altitudes; ---; 102. ---; ---; 292. Foot prints, semi-stagnant ditches with vegetation, swamps, seepages, shaded permanent and running water; ---; 320. Largely restricted to high altitude; ---; 322	de Meillon	1947a.
	Highly contaminated rock pools, grassy edges of swift flowing irrigation channel, stagnant and overgrown irrigation channel, clear mountain stream; ---; 102	Bevan	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
garnhami Edwards (cont.)	Water holes, in rocks near dam, shall w swamp with vertical vegetation, river banks; - -; 102	Ovazza & Neri	1955 (1956)
	---; Nov.-Apr., July-Aug.; 102. Found at altitude of 1900-2500 meters; ---; 214	Coradetti	1939c.
	Small open swamp in forest at 8000 feet, small pool in deep shade in bed of temporary stream at 11,000 feet, at edges of slow flowing shady stream and irrigation ditches, in running and well shaded water by jungle growth, seepages, swamp areas, ditches; in native huts; 163. In rock pool at edge of stream in dense forest shade, clean water of backwater of small stream at 6000 feet, swamp in bamboo forest at 8000 feet; ---; 320. (Hoof prints at side of river, semi-stagnant ditches overgrown with vegetation)	Evans	1938
	---; high altitude; 320	Goma	1960
	---; in houses, naturally infected with malaria sporozoites; 364	Gillies	1957
	---; in phoretic association with a mite; 364	Peters	1955a.
garnhami basilewskyi Leleup	---; ---; 364	Stone et al.	1959
garnhami garnhami	---; Feb.-May and July; 364	Freyvogel	1956
garnhami walshi Evans & de Meillon	---; ---; 44	Lips	1959
	---; between 1850 to 2200 meters; 102	Hamon et al.	1956
	Streams; ---; 292	Reid & Woods	1957
	---; mountains; 322	Evans	1938
gingeroi Corradetti & Archetti	---; ---; 102	Stone et al.	1959
grassei Grjebine	---; ---; 186	Stone et al.	1959
griveaudi Grjebine	---; mountain forest, July; 186	Grjebine	1960 (1961)
hamoni Adam	Residual puddles of underground streams, puddles formed by stalagmites; grottoes; 206	Adam	1962
hancocki Edwards	---; forest species; 44. ---; ---; 111. (Considered secondary vector of malaria)	Lips	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES hancocki Edwards (cont.)	---; ---; 44, 61, 279. (Permanent water with much vegetation but few trees, edges and backwaters of streams, usually well shaded)	Edwards	1941
	---; naturally infected with malaria; 57, 226	Bruce-Chwatt	1950
	---; forests, mountain regions; 61	Mouchet & Gariou	1961
	---; houses; 61	Adam	1956
	---; ---; 102, 123*	Grundy	1945
	---; ---; 113	Holstein	1953a.
	Dry season in marshes, holes with clear water, muddy bottom and aquatic vegetation, exposed to sun, irrigation gutters, brooks in banana plantations; ---; 131	Toumanoff & Simond	1956 (1957)
	Small lakes, brooks in forest, marshes with feeble currents; houses. Sept.-Jan.; 156	Hamon et al.	1962
	---; in dense inland forest; 156	Doucet et al.	1960
	Margins of streams, ditches, shallow grassy waterholes with clean water, small pool in clear, slowly flowing water, partly shaded; common in houses, peak Sept.-Dec., bites man indoors and outdoors, naturally infected with malaria sporozoites; 175*°	Peters	1956
	Shallow native wells, drainage ditches, swamps, vegetated pools; ---; 175	Briscoe	1950
	---; enters houses; 186°, 320°	de Meillon	1949
	Small streams; in houses, 226°	Hanney	1960
	Margins of streams, seepage water near river, large, clear but weedy pools under some shade; naturally infected with sporozoites, bites indoors; 279°. Shallow grassy water holes, grass-grown ditch with slight flow, among *Pistia* in native wells, clean water, enters houses, naturally infected with sporozoites, peak Feb.; 320	Evans	1938
	---; in houses at night, in dark houses by day; 279	Tredre	1946
	Clean water, shallow grass and water holes, ditch with vegetation, wells with *Pistia*; naturally infected with malaria; 320°	de Meillon	1947a.
	Swamp valleys; ---; 320	Gomez	1960
	---; savannah; 324	Holstein	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
hancooki var. *brohieri* Edwards	---; Sept.-Oct.; 226°	Service	1963
hancooki var. *gilroyi* Service	Swamps; - -; 226	Service	1960
hancooki var. *masseguini* Hamon	Marshes; ---; 324	Hamon	1954a.
	---; Sept.; 324	Adam et al.	1956 (1957)
hancooki var. *seydeli* Edwards	---; ---; 44	Lips	1959
hargreavesi Evans	---; ---; 14	Gândara	1958
	Among vegetation along border of river; forest galeries; 44	Lips	1961
	Sides of streams among vegetation; ---; 44. Foul, sewage-contaminated water covered with *Pistia*, in sun and partly shaded places, among *Pistia* in clean water in more open jungle areas, among grass growing in open swamp; ---; 226. (Bites man freely outdoors at night)	de Meillon	1949
	---; naturally infected with malaria; 57	Bruce-Chwatt	1950
	Edge of fish-culture ponds; forest species; 61	Mouchet & Gariou	1961
	Edges of rivers in *Pistia*; houses; 61	Adam & Hamon	1956
	---; very prevalent in vegetation, role as vector almost nil, most aggressive at dawn, attacks at day in shade; 61°. ---; most aggressive at dawn, attacks at day in shade; 226°	Hamon & Mouchet	1961
	Shaded pools exclusively with *Pistia*, on edge of lagunas or lakes; in houses; 89	Hamon et al.	1956b.
	---; ---; 102. ---; vector of malaria; 123*	Grundy	1945
	Clear, slow brooks with vegetation on edges and in artificial breeding places with muddy water; fish-culture ponds; 111. ---; ---; 206, 319	Lacan	1958
	---; naturally infected with malaria; 115	de Meillon	1947a.
	---; ---; 115, 123, 279. (Permanent water with much vegetation but few trees)	Edwards	1941
	Irrigation gutters, brooks in banana plantations; ---; 131	Toumanoff & Simond	1956 (1957)

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
hargreavesi Evans (cont.)	---; ---; 132. ---; in houses, bites at night outdoors; 226*. (Cannot live in salt water)	Hamon et al.	1956
	Mountainous forest region, in stream with large stones, rapid and clear water, sandy bottom, in shade; ---; 156	Adam	1957 (1958)
	Streams with vertical vegetation, slow current; ---; 156	Adam & Hamon	1958
	---; in dense coastal forest or dense interior forest; 156	Doucet et al.	1960
	Standing water containing *Pistia* and at the side of a stream with vegetation; ---; 175. ---; bites outdoors, naturally infected with malaria sporozoites; 226*	Peters	1956
	---; occasionally found indoors; 175	Gelfand	1954
	Wooded or brushy swamps, permanent stream with swampy margins, *Pistia* covered pools; all year with peak in Sept., bites indoors and outdoors; 226*	Barber & Olinger	1931
	Artificial containers; ---; 226	Boorman & Service	1960
	---; in houses, peak of activity at midnight or later, naturally and experimentally infected with sporozoites; 226. (Foul, sewage-contaminated water covered with *Pistia*, in sun or shade, among *Pistia*, in clear water, among grass in open swamps, almost non-existent in dry season)	Evans	1938
	---; bites mainly between midnight and sunrise, Feb.-Nov.; 226*	Mattingly	1949a.
	---; in houses by night, in dark houses by day; 279	Tredre	1946
	---; occasionally in forest, canopy, plantation and open ground, bites by day and night; 320*	Haddow et al.	1951
harperi Evans	---; ---; 14	Stone et al.	1959
	---; ---; 102. (Permanent water with vegetation)	de Meillon	1947a.
	In backwater of a dam in a tributary of a river, shallow water with standing grass and shaded by trees separated by tall reeds; ---; 163	Evans	1938
hispaniola (Theobald)	Near coast; June-Sept., peak in June, in mountains; 8	Senevet	1936
	On little beaches with feeble current on sides of shallow rivers filled with filamentous algae, in shallow water, in polluted marshes with slight flowing water, Apr., Oct., in small pockets of water; ---; 8	Clastrier	1936a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
hispaniola (Theobald) (cont.)	In little pools formed by rain in dried-up canal, in Nov.; ---; 8	Collignon	1938
	In water in sandy bed of stream; ---; 8	Collignon	1939
	---; in valleys, nocturnal; 8. In stagnant pools and in oasis streams, in sandy seepage areas in dried-up beds of rivers; ---; 316	Séguy	1924
	---; in houses; 8	Senevet & Andarelli	1956
	---; May-Dec.; 8	Senevet & Andarelli	1960
	---; ---; 8, 63, 176, 211, 316. (Stream and river-bed pools, brackish water with or without vegetation, seldom in houses)	Peus	1942
	---; ---; 44	Stone	1963
	Saline pools, ravines, clefts in rocks, reservoirs; ---; 63	Christophers	1929
	---; ---; 71	Rioux	1959
	---; ---; 96. (Wells with green algae, river beds with temporary currents, irrigation water, saline water)	Edwards	1926
	Stagnant backwater; ---; 211°	Ristorcelli	1946
	---; ---; 253	Logan et al.	1953
	Water courses in rock beds; mountain species; 316*	Juminer	1959
	In gutters with aquatic plants, in streams with *Chara* and *Zannichellia*, in soft-water stream with filamentous algae *Oedogonium*; Apr. and Oct.; 316	Seurat	1943
hyrcanus (Pallas)	---; ---; 176	Goodwin	1961
	---; ---; 211	Kumm	1929
hyrcanus var. *pseudopictus* Grassi	---; ---; 176	Le Face	1937
	---; ---; 211	Senevet & Andarelli	1956
implexus (Theobald)	---; ---; 13. (Streams, seepages, swamps, pools, especially in shade)	de Meillon	1949
	Densely shaded water on clay soil with dead leaves, shady marshes on loamy soil, artificial containers, stagnant shady drains with vegetation; occasionally bites man; 44°. Footprints; ---; 123. Shaded seepages, pools, ponds, streams; occasionally in houses; 163	de Meillon	1947a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *implexus* (Theobald) (cont.)	Shaded backwaters; ---; 44. Clear or muddy and usually stagnant pools; enters huts; 320. (Well shaded backwater of streams, shaded spring water, seepages, swampy areas, pits and pools, forest at 3000 to 5000 feet)	Evans	1938
	Rivers; forest galleries, houses; 44°. ---; ---; 362. Rivers; ---; 363	Lips	1960
	Stagnant water in wooded areas; river edges; 44	Vincke & Leleup	1949
	Gallery of savannah, edge of large forest; ---; 61	Mouchet & Gariou	1961
	Holes in rocks in forest-gallery near river, holes in sand on edge of forest-gallery; ---; 102	Ovazza et al.	1956
	Grassy marshes; ---; 156. ---; aggressive in open and grassy regions near rivers; 206°. Diverticulum of brook in forest gallery; ---; 319	Hamon et al.	1956
	---; in dense forest along coast or inland or in savannah with heavy rainfall; 156	Doucet et al.	1960
	River pools, forest; vicious biter during day; 163°	Garnham et al.	1946
	Holes, puddles, and swamps; ---; 163	van Someren et al.	1955
	Marshy regions; ---; 206. (Grassy brooks)	Lacan	1958
	Temporary pools in forest, isolated belts of forest galleries bordering streams; bites between 12 a.m. to 9 p.m.; 226°	Hanney	1960
	---; Feb.; 226	Service	1963
	---; ---; 227. (Shaded, semi-permanent water, margins and backwaters of streams)	Edwards	1941
	Under heavy tree shade, peripheral zones of papyrous swamp, mixed grass-papyrus swamps, water fairly clean but containing brown flocculence at bottom, in dense shade at edges of swamps and in more open swamps, in slashed and true *Phoenix* swamps; ---; 320	Goma	1960
	Permanent inland swamps, in heavy shade of palm trees in seasonal inland swamps; ---; 320	Goma	1961
	Seepages, in shade; ---; 320	de Meillon	1949
	---, bites by day and night, lowland and highland forest and plantations, scarce in canopy and open ground; 320°	Haddow et al.	1951

TABLE 1 - MOSQUITOES

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
implexus (Theobald) (cont.)	---; lakeshore forest stream edges; 320	Haddow & Dick	1948
	---; essentially nocturnal; 320	Haddow	1961
	---; Apr., Nov.; 320	Lumsden	1952
implexus var. *henrardi* Wolfs	---; ---; 44	Lips	1960a.
jacobi (Hill & Haydon)	Small springs at sea level; ---; 322	Evans	1938
jebudensis Froud	---; ---; 44	Lips	1960a.
	Cement gallery of water adduction; ---; 61	Adam & Hamon	1956
	---; Jan.; 61. In mountainous forest region in stream with large stones, sandy bottom, rapid clear water, in shade; 156	Adam	1957 (1958)
	---; Nov.; 61. Very wooded and shaded part of forest where sun never enters, in clear, slow water without vegetation, sometimes with dead leaves; ---; 206	Lacan	1958
	---; ---; 111	Stone	1963
	---; in inland dense forest; 156	Doucet et al.	1960
	Seepages, ditch with vegetation; ---; 226	de Meillon	1949
keniensis Evans	---; ---; 44. (Light shade, slow streams, stream margins)	de Meillon	1949
	Clean shaded rivers, swamp edges, canals, seepages, borrow pits, among rocks, stones, tree roots; July-Aug.; 163	de Meillon	1947a.
	Streams in thick forest of big trees, thick or low shade or partially sunlit places, mainly at shallow margins among rocks; rare in houses; 163. ---; ---; 364	Evans	1938
	Streams, rivers; in houses; 163	van Someren et al.	1955
	Damp tree trunks; ---; 163	Garnham et al.	1946
	---; bites day and night in lowland forest; occasionally in plantations, rarely in canopy; 320°	Haddow et al.	1951
	---, ---; 364. (Edges and backwaters of streams, usually well shaded)	Edwards	1941
kibena Peters	---; indoors; 364	Peters	1955a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
kingi Christophers	Rocky, limpid stream; ---; 44	Schwetz	1927
	---; ---; 44, 364. (Gently flowing water with vegetation, bites outdoors, in houses)	de Meillon	1949
	---; Aug., Oct.-Dec.; 102°	Giaquinto-Mira	1950
	---; in huts; 163	Garnham & Harper	1944
	Found at 7000 feet in gently flowing water of small marsh among *Cyperus dicroostachyrus* Hochs in cool water (13°C.); rare in houses; 320	Evans	1938
	Abandoned, previously cultivated sedge swamps, brackish water; high altitudes; 320	Goma	1960
	Permanent inland swamps at high altitudes; ---; 320	Goma	1961
	---; ---; 322	Smart	1943
labranchiae Falleroni	Fresh and brackish waters of rivers and marshes; chief malaria vector; 8*, 211*, 316*	Russell	1957
	---; ---; 176	Goodwin	1961
labranchiae labranchiae Falleroni	Fresh and saline waters, rivers and marshes; ---; 176, 211	Logan et al.	1953
labranchiae sicaulti Roubaud	---; ---; 211	Sicart & Ruffie	1960
lacani Grjebine	Grassy pools, brooks in forest, in rich floating aquatic vegetation; ---; 186	Grjebine	1954
leesoni Evans	---; ---; 13	Lewis	1956
	---; ---; 44, 324	Lips	1959
	Rivers; savannah species; 61	Mouchet & Gariou	1961
	Residual puddles of torrents, grassy banks of brooks and streams; ---; 89. Grassy ditches; ---; 226	Hamon et al.	1956
	---; ---; 102, 226, 322. (Permanent clear shaded water with vegetation, swamps, weedy stream margins, rivers, ditches, ponds, in houses)	de Meillon	1949
	Grasses of mountain torrents, rapid clear cold water, floating grasses and roots, light current, muddy water, on river edges in forest-gallery; ---; 112	Hamon	1954
	---; ---; 113	Holstein	1931a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
leesoni Evans (cont.)	---; in dense inland forest; 156	Doucet et al.	1960
	---; ---; 163, 227, 320. (Permanent waters with vegetation and few trees)	Edwards	1941
	Clean, running, shaded streams; ---; 206. ---; ---; 319	Lacan	1958
	Weedy stream margins; ---; 214	Pereira	1946
	---; ---; 214. (Crevices under banks and stones)	Russell et al.	1943
	Clear water with vegetation in shade; ---; 227	de Meillon	1947a.
	Streams, water supply ditches; ---; 227	Pielou	1947
	Edges of slow moving streams with grasses providing shade and protection, swamps, permanent collection of water with vegetation; in cavities and vegetation along stream banks, earth crevices, hide by day beneath stones, enters houses; 292	Evans & Leeson	1935
	---; ---; 299	de Meillon	1943
	Rivers; ---; 320	Leeson	1937
	Crevices, under banks and stones; enters houses; 322	Evans	1938
	---; enters houses; 364	Wilson	1938
listeri de Meillon	---; ---; 14	Stone et al.	1959
	---; in houses; 56°, 322	de Meillon	1947a.
	---; ---; 56, 322. (Semi-permanent and permanent waters with little or no vegetation, usually open ditches, ponds, wells)	Edwards	1941
	---; ---; 214. (Exposed stream-bed pools, in houses)	Russell et al.	1943
	Ground pools; in houses; 292	Reid & Woods	1957
	---; ---; 292. (In pools and river beds, completely exposed to sun or with slight shade from short grass)	de Meillon	1949
	Exposed pools in stream beds; occasionally in houses, Mar. and Apr.; 322	Evans	1938
	River; ---; 322	Steyn et al.	1955
lloreti Gil Collado	Shady backwaters of mountain streams without vegetation; ---; 106	de Meillon	1949
	---; ---; 365. (Edges and backwaters of streams, usually well graded)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
longipalpis Theobald	---; ---; 13, 102	Stone et al.	1959
	---; ---; 44	Lips	1960a.
	Collections of stagnant water on edge of brooks; houses, savannah; 61°	Mouchet & Gariou	1961
	---; forest galleries, Aug.; 61	Mouchet	1957
	Littoral pools in partly dried rivers, clear water with vegetation; ---; 102	Giaquinto-Mira	1950
	---; rarely in huts; 163. ---; rare indoors; 292. (Closely hidden in edges of streams with plenty of shade, sometimes with vegetation)	Evans	1938
	---; ---; 163, 230, 322. (Edges and backwaters of streams, usually well-shaded)	Edwards	1941
	Clear, running, shaded streams; ---; 206. ---; ---; 319	Lacan	1958
	Clean, running shaded water in streams, ditches, swamps; ---; 214	de Meillon	1947a.
	---; bites outdoors at midnight; 226°	Hanney	1960
	Edges of streams, hoof prints, exposed pools; not frequenting houses; 292	Reid & Woods	1957
	Puddles, streams, ponds; ---; 322	Swellenberger et al.	1931
	---; Apr.; 322	Bedford	1928
	Fresh water, sometimes in stagnant and shaded water; ---; 361	Meyus & Bervoets	1958
	Artificial pits; July; 364	Smith	1955
longipalpis var. *domicolus* Edwards	Shallow, rapid water of cement drains in sun, rock crevices, rocky banks of brooks with rapid current and little vegetation; ---; 226. Grassy edges of lakes; ---; 324	Adam et al.	1956
	---; Aug.; 226°	Service	1963
lovettae Evans	Infiltrations between rocks in forest; ---; 364	Adam & Mattingly	1956 (1957)
	---; in houses; 364	Evans	1938
machardyi Edwards	Slow moving water with large amounts of organic matter, forest and ground pools; forest species; 364	de Meillon	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
macmahoni Evans	Swampy pools; enters houses; 13°	Lewis	1943
	Permanent and clear brooks; savannah; 61	Mouchet & Gariou	1961
	Along bed of semi-dried up river about 1000 meters in altitude; ---; 100. Found at altitudes from 1200 to 1700 meters; ---; 214	Corradetti	1939e.
	Gently flowing water with thickly overgrown weeds; under culverts; 100	de Burca & Shah	1943
	Sand hole with very polluted water; ---; 102. Under shade with much vegetation debris; ---; 324.	Hamon et al.	1956
	---; Jan.-Apr., June-July and Nov.; 102	Corradetti	1939c.
	---; Sept.-Nov.; 102	Ovazza & Neri	1955 (1956)
	---; ---; 113	Rickenbach et al.	1958
	Permanent breeding places in dry season; ---; 131	Toumanoff	1959a.
	In swamps; Nov. and Dec.; 163	Evans	1938
	Swamps with clear, slow moving water, among vegetation and slight shade; ---; 163	de Meillon	1949
	In desert mineral springs; under dead leaves in clear cool water with muddy bottom; ---; 284	Bailly-Choumara	1960
	Warm shaded spring with vegetation; ---; 284	van Someren	1943
	Residual pools and mud puddles; ---; 324	Adam et al.	1957a.
	In moderately flowing or still water with moderate vegetation; ---; 360	Maffi	1960
maculipalpis (Giles)	---; maximum activity May-July; 8	Sergent	1936
	---; ---; 13. ---; occasionally in houses, naturally infected with malaria organism; 186°, 292°	de Meillon	1947a.
	---; ---; 14, 44, 123, 163, 186, 226, 292, 320, 322, 364. (Semi-permanent and permanent waters with little or no vegetation, usually open ditches, ponds, wells, small pools in rocks)	Edwards	1941
	Marshy region near river; ---; 44	Vincke	1959
	---; naturally infected with sporozoites; 44, 61. ---; experimentally infected with *Plasmodium vivax*, in houses; 201°. ---; in houses; 364. ---; ---; 362	Lips	1962a.
	---; ---; 54, 102	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *maculipalpis* (Giles) (cont.)	---; ---; 89, 112, 319. During dry season, in marshes and rice fields in process of drying up with only a thin film of water over the mud, ditches and marshes filled with reddish flocculations, in furrows freshly filled with water, without vegetation, in water seepages; ---; 113. Stagnant water among *Vistia*; ---; 226	Hamon et al.	1956
	---; in savannah with heavy rainfall; 156	Doucet et al.	1960
	[illegible]s, streams, seepages, pools; ---; 163	van Someren et al.	1955
	---; rarely in houses; 163. In cattle salt licks on patches of clay; abundant, non-domestic; 320°. (Clear or muddy water, shaded or unshaded, never in fast current, particularly in shallow seepage water, in semi-stagnant pools in streams, rock pools with little vegetation and in shallow water as to be liquid mud, adults wild, but not a carrier of malaria)	Evans	1938
	---; natural vector of *Wuchereria bancrofti*; 186*	Raghavan	1961
	---; ---; 186*	Huehns	1953
	---; experimentally infected with *W. bancrofti*; 186	Gebert	1937
	---; ---; 206, 322*	Bedford	1928
	Clear water with vegetation; ---; 214	Pereira	1946
	---; Jan., Aug.-Nov.; 226°	Service	1963
	Dams, water seepage, streams; ---; 227	Pielou	1947
	Pools fed by slow moving streams with little or no shade; ---; 230	Fitzsimmons	1958
	Rice fields, ditches, ground holes, marigots; ---; 273	Hamon et al.	1956a.
	Semi-permanent and permanent waters; in houses, potential vector of malaria; 292°	Reid & Woods	1957
	Fish culture basin with muddy water under sun, with little vegetation, animal footprints in bed for dry water course; ---; 319	Lacan	1958
	Swamps; ---; 320	Goma	1960
	Small pools of muddy water, devoid of current; ---; 322	Ingram & de Meillon	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
maculipalpis (Giles) (cont.)	Semi-stagnant water, small pools more or less isolated from principal current, shady or sunny, with or without aquatic vegetation; ---; 324	Vilain	1949
	---; ---; 344	Senevet	1935
	Marshes and drying rivers, stagnant pools in dry season; ---; 361	Meyus & Bervoets	1958
	Grassy seepage; July; 364	Smith	1955
	---; bites outdoors; [illegible]	Smith	1955a.
maculipennis Meigen	(A beginning of the [illegible]opment of the larvae of *Filaria ozzardi* and [illegible]*talonema perstans*)	Neveu-Lemaire	1933
	Lakes; Mar.-July, pea[illegible]me, Sept.-Oct.; 8	Collignon	1939
	In ditches, seepages [illegible] of rock; Apr.-Sept.; 8	Collignon	1938
	In holes of clear wat[illegible] dried up stream; Sept.; 8	Ambialet	1938
	On edge of lakes, in p[illegible] formed by rain in dried up canals; Nov.; 8	Collignon	1938a.
	In *marl* pits, dead br[illegible]es of riv[illegible]s; ---; 8	Senevet & Fratani	1938
	In water among filamentous algae, *Spirogyrus*, *Cladophores*; ---; 8	Sergent & Sergent	1918a.
	---; Mar.-Dec.; 8	Senevet & Andarelli	1960
	---; ---; 8. (Parasites: *Plasmodium vivax*, *P. falciparum*, *P. malariae*, *Crithidia fasciculata*, *Thelohania legeri*, principal vector of malaria)	Séguy	1924
	---; ---; 8, 96, 211. (Standing or slow flowing sunny or shaded, vegetated, fresh or brackish, clear water, in ponds, pools, swamps, ditches, streams and stream beds, cisterns, artificial containers, in houses at dusk and night, bites man, important vector of malaria)	Peus	1942
	---; naturally infected with *P. ovale*; 44	Papafigou	1947
	---; ---; 176, 316. (Appears to be most important species as vector of malaria)	Brighenti	1930
	Irrigation channels; ---; 211	Ristorcelli	1946
	---; all year, peak Apr.-Oct.; 211	d'Anfreville	1916
	---; domestic; 211	Gaud	1948a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
maculipennis Meigen (cont.)	---; ---; 284	Corrado	1925
	In stream with aquatic plants with submerged leaves and the algae *Chara foetida* and *Potamogeton natans*; ---; 316*	Seurat	1943
maculipennis var. *atroparvus* van Thiel	---; ---; 8	Sergent	1940
maculipennis labranchiae Falleroni	Salty and marshy "dead" branch of stream connected to the sea in winter only; ---; 8	Sergent	1936
	Rice fields; ---; 8	Senevet & Andarelli	1961
	---; ---; 8°	Senevet & Andarelli	1960
	---; domestic; 211	Gaud	1948
	Briny, dirty water without vegetation; lives in human habitats; 316*	Juminer	1959
maculipennis melanoon Hackett	Salty and marshy "dead" branch of streams connected to sea during winter only; ---; 8	Sergent	1936
maculipennis var. *sicaulti* Roubaud	Salty and marshy "dead" branch of streams connected to the sea during winter only; ---; 8	Sergent	1936
	---; anthropophilic; 211	Roubaud	1935
maliensis Bailly-Choumara & Adam	---; ---; 61	Mouchet & Gariou	1961
	Forest gallery in shallow brooks with clear, cold water and muddy or sandy bottom with cascades; river banks; 112, 131	Bailly-Choumara & Adam	1960
marshallii (Theobald)	Edges of sluggish stream; ---; 13	Abbott	1948
	---; ---; 14, 56, 214, 324	Stone et al.	1959
	---; ---; 43	de Meillon	1947
	Fresh, clear, shaded, slowly flowing water, stream backwaters and seepage areas with vegetation; ---; 44. Slowly flowing water; ---; 226. Fresh, clear water with vegetation; ---; 322, 364. (Enters houses)	de Meillon	1947a.
	Marshy region near river; ---; 44	Vincke	1959
	---; on board ship in rivers, active throughout day, biting at all hours; 44°. (Slowly running or stagnant water of pools or backwaters of rivers where larvae often hide among water lettuce, *Pistia stratiotes*)	Bequaert	1930

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES marshallii (Theobald) (cont.)	---; in houses; 44	Vincke et al.	1957
	---; houses; 61	Adam	1956
	Marshes, brackish water; Sept.-Oct.; 102°	Giaquinto-Mira	1950
	---; ---; 102	Bevan	1937
	---; ---; 113	Holstein	1953a.
	Clear water; ---; 115. Clear water or fish culture pond; ---; 319	Lacan	1958
	Pool covered with *Pistia*, tree holes; ---; 123	Ingram & Macfie	1917
	---; ---; 131	Toumanoff & Simond	1956 (1957)
	---; ---; 156. Canals of running clear water with grass; ---; 226	Hamon et al.	1956
	Edges of streams with slow current and vegetation shade, slow streams heavily overgrown with low weeds; rare indoors; 163. From pools or pools in stream beds; rare indoors; 292, 322.	Evans	1938
	Swamps, streams, rivers, pits; in houses; 163	van Someren et al.	1955
	Streams, renewable areas of water such as rice fields, on edge of mountain brooks with almost no current, among creeping and floating *Stenotaphrum dimidiatum*; in houses, region of plateau; 186	Grjebine	1956
	Brooks with grasses or fallow fields with renewable water; Feb., Mar.; 186°	Grjebine & Brygoo	1958
	Rice fields, small pools with vegetation; ---; 186	Doucet	1949
	---; houses at night, Jan., Apr.-Dec., maximum, July-Aug.; 186	Lacan	1954
	---; ---; 186. (Fresh, clear shaded water, backwaters of streams, seepages with vegetation)	de Meillon	1949
	---; ---; 206	Merle & Maillot	1955
	---; experimentally infected with *Wuchereria bancrofti*; 226	Neveu-Lemaire	1933
	---; enters houses; 226	Anderson	1933

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *marshallii* (Theobald) (cont.)	Water seepage, streams; ---; 227	Pielou	1947
	---; ---; 230. *Pistia*-covered pool; ---; 320	Bedford	1928
	---; bites indoors early in the morning; 279°	Lewis	1956c.
	---; enters houses; 279	Gordon & McDonald	1930
	Sand pools, hoof prints; in houses, seldom bites man; 292°	Reid & Woods	1957
	---; bites in lowland forest at night, rare; 320°	Haddow et al.	1951
	Permanent inland swamps at high altitudes; ---; 320	Goma	1961
	---; active at night; 320	Corbet & Haddow	1961
	---; ---; 344	Senevet	1935
	Irrigation canals, streams; ---; 361	Mayus & Bervoets	1958
	---; indoors; 364	Peters	1955a.
marshallii var. *freetownensis* Evans	---; ---; 279	Evans	1925a.
marshallii var. *gibbinsi* Evans	---; ---; 13, 102	Stone et al.	1959
	---; ---; 44. (Permanent water with much vegetation but few trees)	Edwards	1941
	Standing vegetation in unshaded shallow streams and drains; ---; 163. ---; enters houses; 320. (Apparently confined to relatively high altitude)	de Meillon	1949
	Rock pool; ---; 163	Garnham et al.	1946
	---; ---; 163. (Sporozoitic indication, transmits malaria) ---; ---; 344, 364	Hamon & Mouchet	1961
	---; ---; 206	Lacan	1958
	Swamps, brackish water; ---; 320	Goma	1960
	Permanent inland swamps at high altitudes; ---; 320	Goma	1961
	---; frequents houses; 320*	Evans	1935
	---; naturally infected with malaria organism; 320. ---; ---; 361	Evans	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *marshallii* var. *hargreavesi* Evans	---; ---; 115, 226, 279	Galliard	1932
marshallii var. *mouchesti* Evans	---; on board ship in rivers, active throughout day, biting at all hours; 44*. (Favorite breeding places: slowly running or stagnant water of pools or backwater of rivers where larvae are often hidden among water lettuce, *Pistia stratiotes*)	Bequaert	1930
marshallii var. *mousinhoi* de Meillon & Pereira	---; ---; 44, 214, 292. (Permanent swamp among vegetation)	de Meillon	1949
	Rock pool; rare; 163	Service	1958a.
	---; ---; 226	Service	1961
	Streams, swampy area; ---; 292	Reid & Woods	1957
	Slow flowing clear water among grass and reeds; ---; 292	de Meillon	1947a.
marshallii var. *pitchfordi* (Giles)	---; ---; 14	Gândara	1958
	---; ---; 44	Schwetz & Edwards	1927
	---; ---; 320, 364	de Meillon et al.	1936
	---; ---; 322	de Meillon	1947a.
marteri Senevet & Prunnelle	Mountain stream, rock pools; Apr.-Oct.; 8	Senevet	1936
	Streams, small ponds; Apr.-June, Aug., Oct.-Nov.; 8	Senevet & Andarelli	1960
	In shallow excavations lined with ferns; Apr., Nov.; 8	Clastrier	1936
	At base of rocks, in seepage; May; 8	Collignon	1938
	---; ---; 8. (Deeply shaded rocky pools in mountain streams)	Russell et al.	1943
	---; ---; 176	Goodwin	1961
	---; ---; 211	Logan et al.	1953
	Mountain streams; ---; 316	Juminer	1959
mascarensis de Meillon	In floating vegetation on edges of little torrential brooks in forest; ---; 186	Grjebine	1954
	Shaded, stony brook flowing between wooded hills; ---; 186	Mouchet & Gariou	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
hancocki maceguini Hamon	---; Nov.-Dec.; 131	Toumanoff & Simond	1956 (1957)
mauritianus Grandpre & Charmoy	---; ---; 13. In forests during dry season; ---; 115	Galliard	1932
	---; ---; 14, 206. Very slow and steadily flowing water, clean or polluted pools containing little vegetation; all year, in houses, bite early afternoon, in thick bush during daytime; 322°	Bedford	1928
	Shady forest strip, lakeshore among *Pistia* and grasses; ---; 44	Schwetz	1927
	---; ---; 54, 227, 320	Neave	1912
	---; ---; 56	Edwards	1924a.
	Reedy edges of large pools, borrow pits, stagnant drains and misgas, rice fields; enters tents, bites during the night; 96°	Kirkpatrick	1925
	Lake margins and swamps; ---; 96	Barraud	1921
	---; ---; 100, 102, 176, 284, 344	La Face	1937
	Water with slow current and with weeds; ---; 115. ---; ---; 292	Galliard	1931
	Holes in rocks, banks, in forests, small rivers or lakes with or without algae but with other vegetation; very common, occasionally domestic, abundant in wet season; 115°. Hollows between rocks in river beds with vegetation; rarely enters houses; 123. Aquatic vegetation in fresh water, prefers alternating shadow and light; enter houses; 163	Galliard	1932a.
	---; ---; 117	Findlay & Davey	1936
	Pools with *Pistia*; ---; 123	Macfie & Ingram	1923
	Clear and slow moving water; ---; 186	Monier	1935
	---; ---; 186. (In large swamps, especially near coast)	Séguy	1924
	---; ---; 214	Edwards	1928
	Wooded or brushy swamps, permanent stream with swampy margins; experimentally infected with malaria, bites freely in the open but is rarely in dwellings; 226°	Barber & Olinger	1931
	Roof gutters, artificial containers; houses; 226	Dalziel	1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
mauritianus Grandpré & Charmoy (cont.)	---; experimentally infected with larvae of *Wuchereria bancrofti*; 226	Neveu-Lemaire	1933
	---; low lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; indoors at night, July, Aug., Sept.; 230	Davey & Newstead	1921
	---; swamps with vegetation, in houses; 279°	Simpson	1913
	---; along the sea; 307	Tournier	1934
	Puddles, streams, swamps, seepages and ponds; ---; 322	Swellengrebel et al.	1931
	---; Feb., May-July, Sept.-Oct.; 322	Edwards	1915
	---; ---; 324	Legendre	1928
	Crowns of coconut palms; enter houses; 364°	Haworth	1924
	Large swamps; ---; 364	Aders	1917a.
mauritianus var. *paludis* Theobald	---; ---; 14, 279, 364	Edwards	1928
	On board ship in river; ---; 44. ---; ---; 96, 176, 186. (Larvae common in swamps, among leaves of floating weeds especially *Pistia stratiotes*, occasionally in stagnant water, roadside puddles)	Bequaert	1930
	---; on banks of river; 102	Bevan	1937
	---; ---; 115	Galliard	1932
	---; ---; 123	Simpson	1914
	---; ---; 175	Evans	1932
	Ponds and rivers well supplied with living aquatic vegetation; ---; 226	Barber & Olinger	1931
	---; enters houses; 226	Anderson	1933
mauritianus var. *tenebrosus* Dönitz	---; ---; 96, 163, 230, 234	La Face	1937
	---; ---; 115	Galliard	1932
mauritianus var. *ziemanni* Grünberg	---; ---; 13, 123, 176, 230, 279. ---; suspected vector of malaria; 102. ---; enters houses; 320	La Face	1937
	---; ---; 44	Bequaert	1930
	---; ---; 115	Galliard	1932
	---; ---; 201	Schwetz & Edwards	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
mauritianus var. *ziemanni* Grünberg (cont.)	---; in houses; 226	Anderson	1933
	Shallow grassy ponds open to the sun; ---; 226	Barber & Olinger	1931
melanoon Hackett	---; ---; 8	Logan et al.	1953
melas Theobald	Brackish water; experimentally infected with *Plasmodium falciparum*; 123	Robertson	1945
	---; ---; 123*	Grundy	1945
	---; indoors, bites at night, carrier of malaria, Jan.-Mar.; 123*. ---; indoors, bites at night, carrier of malaria, Aug.-Sept.; 279*	Ribbands	1946
	---; indoors; 175*	Gelfand	1954
	In brackish pools in mangrove; ---; 175	Fox	1957
	Saline waters; ---; 175	Burgess	1962a.
	---; naturally infected with *Wuchereria bancrofti*; 175	Raghavan	1961
	---; artificially infected with *P. falciparum*; 175	Burgess	1960
	---; in houses; 279	Davidson	1947
merus Dönitz	---; ---; 364	Mortatt	1913
michaeli de Meillon & Leeson	---; ---; 44, 227. (Permanent marshes among *Cyprus* and *Typha*)	de Meillon	1949
	---; reedy marshes; 44	Vincke & Leleup	1949
	---; in houses; 292	Reid & Woods	1957
milloti Grjebine & Lacan	Ground holes, sunny marshes with short grass, stagnant water but seepages, grassy shaded or sunny pools with clean, renewable water or pools with floating, rich aquatic vegetation; ---; 186	Grjebine	1954
minutus Macquart	---; ---; 273	Stone et al.	1959
mortiauxi Edwards	In small shaded gently flowing rivers with sandy bottom and edge of grassy vegetation; ---; 44	Wanson & Barteaux	1954
moucheti Evans	---; ---; 13	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *moucheti* Evans (cont.)	Vegetation along river banks, streams, grassy pools; enters houses; 44. Large pools of clean water with grass or other vegetation, moderate shade, slow steady flow; enters houses, naturally infected with malaria organism; 320	Evans	1938
	Flooded river islands; ---; 44	de Meillon	1949
	Marshy region near marshes; ---; 44	Vincke	1959
	---; forest species, in forest galleries, houses; 61*°	Mouchet & Gariou	1960
	Only in *Pistia stratiotes* and floating grasses of large streams; ---; 61	Adam	1956
	---; along rivers; 61. (In floating grasses and cut reeds in clear, almost immobile river water)	Hamon et al.	1956
	Edges of brooks and streams in immerged vegetation; houses; 111°. ---; ---; 115, 319. Fish culture ponds in paspallum; ---; 206	Lacan	1958
	---; ---; 123*	Grundy	1945
	Permanent breeding places in dry season; ---; 131	Toumanoff	1959a.
	Reeds on river banks, floating grasses; Dec.-Mar.; 206	Merle & Maillot	1955
	---; in a hut; 226	Zumpt	1937
	Swamps fringed with papyrus; ---; 320	Goma	1960
	Littoral swamps; ---; 320	Goma	1961
	---; in houses; 320*	Gibbins	1932
	---; bites day and night, in lowland forest, rare at night in canopy; 320°	Haddow et al.	1951
	---; ---; 365. (Permanent water with much vegetation but few trees)	Edwards	1941
moucheti *pervoetsi* D'haenans	---; ---; 44	Lips	1960
moucheti *moucheti* Evans	Fish ponds under sunlight; ---; 44. Fish ponds under sunlight; experimental transmission of malaria, massive forest; 61. ---; experimental transmission of malaria; 226. ---; massive forest; 320. (Along running water and vegetated area)	Hamon & Mouchet	1961
moucheti var. *nigeriensis* Evans	---; ---; 44	Mouchet & Gariou	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *mouchati* var. *migeriensis* Evans (cont.)	---; naturally infected with malaria; 57	Bruce-Chwatt	1950
	---; ---; 113	Holstein	1953a.
	---; ---; 115, 131	Hamon et al.	1956
	---; ---; 123*	Grundy	1945
	In clear grassy water, clear water with *Pistia*, in open swamps with clear water; enters houses; 226	Evans	1938
	Partly wooded and vegetated swamps with clear water; ---; 226.	de Meillon	1947a.
	Rivers; ---; 226	de Meillon	1949
	---; naturally infected with malaria, incriminated as vector of malaria; 226. (Accidental vector of malaria)	Hamon & Mouchet	1961
	---; bites man at night, Apr.-Nov.; 226*	Mattingly	1949b.
mueticinctus Edwards	Cool water streams, with overhanging shade; ---; 163	Edwards	1930
multicolor Camboulin	Collections of water on palms, small streams; ---; 8	Clastrier & Senevet	1961
	---; June-Dec.; 8	Senevet & Andarelli	1960
	---; July-Sept.; 8, 96. (Standing or slow flowing salty water, irrigation ditches with or without vegetation, unused wells, small puddles, hoof prints, nocturnal, enters houses, readily bites man, vector of malaria)	Peus	1942
	---; ---; 8*	Foley et al.	1925
	Saline water in canal; ---; 13	Lewis	1944a.
	---; ---; 13. (Semi-permanent and permanent water with little or no vegetation, usually open ditches, ponds and wells, inland alkaline or salt areas)	Edwards	1941
	---; ---; 14	Gândara	1958
	---; ---; 57	Mattingly	1947
	---; ---; 63	Edwards	1921a.
	Chiefly in seepage water with fairly liberal amount of salt; Mar., Apr., suspected vector of malaria, experimentally infected with *Plasmodium falciparum*; 96	Gad	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY: DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
multicolor Camboulin (cont.)	Stagnant and flowing drains, unused shallow wells, enters houses and bites by night, experimentally infected with oocysts; 96*	Evans	1938
	Small pools with or without vegetation; bites by night; 96*	Kirkpatrick	1925
	Marshes with salt water, all year; 96	Senevet & Andarelli	1956
	Borrow pits with stagnant and brackish water with floating green algae; ---; 96	Abdel-Malek	1956
	---; ---; 96*, 186. (Breeds in deserted well with water high in salinity)	La Face	1937
	---; ---; 96. (Characteristic species of desert, larvae live in hypersalted wells of "uadi" to raise the concentration of NaCl)	Brighenti	1930
	---; ---; 117*, 316*	Juminer	1959
	Abandoned wells; ---; 176	Vermeil	1953
	---; ---; 186. (In saline water)	Edwards	1926
	---; enters houses, Aug.; 211	Messerlin & Treillard	1938
	In gutters with aquatic plants, in brackish water streams with aquatic plants, *Chara zannichellia, Lamprothamnus alopecuroides, Chadophora fracta, Scirpus littorales*; ---; 316	Seurat	1943
	---; Jan.; 316	Séguy	1934
myzomyifacies Theobald	---; ---; 8	Sergent	1919
natalensis (Hill & Haydon)	---; ---; 14	Stone et al.	1959
	Among vegetation and rocks in stream backwaters; ---; 44, 163, 292, 322	de Meillon	1947a.
	In marshy region near river; ---; 44	Vincke	1959
	Grassy edges of little cold, clear brooks; mountain species; 61	Mouchet & Gariou	1961
	---; ---; 100	Verrone	1962
	River beds; ---; 156. Marshy regions; ---; 324	Rickenbach et al.	1958
	Shady pools; under overhanging banks and bridges; 163	Garnham et al.	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *natalensis* (Hill & Haydon) (cont.)	In waters of great temperature changes; ---; 163. ---; ---; 322. (Eddies and sides of swift streams usually with rocks, among grasses, ditches, fresh running rivers shaded by banks with vegetation)	Evans	1938
	---; enters huts; 163	Garnham & Harper	1944
	Small permanent streams with vegetation; rare; 292	Reid & Woods	1957
	Small clear lakes, in borders with semi-imerged vegetation; ---; 319	Lacan	1958
	Eddies in running streams in which grass and rushes were growing; ---; 322	Bedford	1928
	---; ---; 364. (Edges and backwaters of streams, usually well shaded)	Edwards	1941
natalensis var. *multicinctus* Edwards	---; ---; 44. Cool fresh running water shaded by deep banks and jungle vegetation; ---; 163. Stream with little shade and gentle flow; ---; 320	Evans	1938
	---; ---; 61	Stone	1961
	---; ---; 292, 322. (Shaded backwaters)	de Meillon	1947a.
	---; ---; 292. (Streams, in houses)	de Meillon	1949
nili (Theobald)	---; bites man in evening outdoors and inside houses, bites in daylight; 13*. (May be important vector of malaria)	Lewis	1956
	---; in houses; 13*	Foote	1953
	---; ---; 13, 44, 123, 163, 175, 214, 226, 279, 320, 322, 344. (Among vegetation along sides of running streams under heavy shade of jungle or steep banks, sometimes found indoors, naturally infected with malaria organism)	Russell et al.	1943
	---; ---; 14	Gândara	1958
	---; active in evenings; 43	de Meillon	1947
	Naturally infected with malaria, vegetated islands; occasionally bites man; 44*. In vegetation and shade along stream and river edges; ---; 102	de Meillon	1947a.
	Clear, shallow water, feeble current, bottom of clay with abundant vegetation; ---; 44	Bouillon	1953
	Marshy region near river; ---; 44	Vincke	1959
	---; possible vector of malaria; 44	Senevet	1935

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
nili (Theobald) (cont.)	---; ---; 57	Mattingly	1947
	Edges of rapid lightly shaded streams and rivers with little aquatic vegetation; ---; 61*°	Mouchet & Gariou	1961
	Little brooks and water courses in forest, rodent holes; ---; 61. ---; all year, in houses; 112. ---; ---; 113, 131, 132, 319. ---; forest; 206. ---; bites after dark; 324°	Hamon et al.	1956
	Spring water pools, *Pistia* on edge of rivers; ---; 61	Rageau & Adam	1953
	---; forest regions, houses, naturally infected with malaria; 61. ---; naturally infected with malaria; 112. ---; ---; 322. (Vector of malaria)	Rivola & Holstein	1957
	---; experimental transmission of malaria; 61. Pits; experimental transmission of malaria; 324	Hamon & Mouchet	1961
	Marshes near lakes in muddy water with vegetation; houses, Nov., Dec.; 71°. ---; ---; 115. Clear, often rapid water, on twigs on river surface; houses; 206	Lacan	1958
	Marigots; houses; 89	Hamon et al.	1956b.
	---; attack indoors and outdoors, near warm streams, Oct. and Nov.; 102°	Giaquinto-Mira	1950
	Mountain torrents in grasses, clear, rapid cold water, in roots and floating grasses of forest gallery on river edges in light current, muddy water; ---; 112	Hamon	1954
	Among *Pistia stratiotes* in river; ---; 123	Macfie & Ingram	1923a.
	---; ---; 123*	Grundy	1945
	---; ---; 123, 226, 227, 230, 320, 322. (Permanent waters with much vegetation but few trees, edges and backwaters of streams, usually well shaded)	Edwards	1941
	Rivers and streams in forests; all year, rarely in houses, bites at night; 156°	Hamon et al.	1962
	---; in dense forest inland and savannahs; 156	Doucet et al.	1960
	---; wells; 156	Le Gac et al.	1945
	Clean running water in heavy shade of banks and jungle vegetation; ---; 163. (Among *Pistia* in streams and rivers, in shade or sun, usually in clear water flowing well in middle, rare in houses)	Evans	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *nili* (Theobald) (cont.)	Mainly in small shade of streams; sometimes enters houses and may transmit malaria, naturally infected with malaria and filaria; 175	Peters	1956
	---; in houses, malaria vector; 175*°. Shaded backwaters with steep banks and fringe of grass or grass roots, grass and weeds around boulders in mid-stream, pools at edge of river; Jan., in houses; 279*°	Muirhead-Thomson	1945
	Streams, among aquatic plants in river; ---; 226	Barber & Olinger	1931
	---; July-Oct. and Apr.-Sept., in houses, bite at night and greatest at midnight indoors and outdoors; 226°	Hanney	1960
	---; all year, peak of activity between 12 to 1 a.m. and 3 to 4 a.m.; 226	Service	1963
	---; naturally infected with malaria; 226	Bruce-Chwatt	1950
	---; Nov.; 226	Mattingly	1949a.
	---; houses; 273	Hamon et al.	1956a.
	---; in houses by night, in dark houses by day; 279	Tredre	1946
	Edges of well vegetated streams, in low-lying areas; rare; 292	Reid & Woods	1957
	---; ---; 307. ---; near river, Apr.; 322	Bedford	1928
	---; bites by day in forest; 320°	Haddow et al.	1951
	---; plantations; 320	Lumsden	1951
	Streams, seepages, ponds; ---; 322	Swellengrebel et al.	1931
	---; enters houses; 324	Vilain	1949
	---; savannah region; 324	Holstein	1953
	---; ---; 364	Wilson	1938
nili var. *somalicus* Rivola & Holstein	---; ---; 61	Mouchet & Gariou	1961
	In vegetation on edge of rivers; ---; 284	Rivola & Holstein	1957
njombiensis Peters	---; ---; 14	Gandara	1958
	---; indoors; 364	Peters	1955a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
notleyi van Someren	---; ---; 186	Stone et al.	1959
obscurus (Grünberg)	---; ---; 13	Lewis	1956
	Shaded pools and cool forest streams, open and wooded swamps, coconut nurseries, brackish water; ---; 44. (Naturally infected with malaria). Shaded pools and cold forest streams, in open or wooded swamps; rarely enters houses; 102. Shaded pools, coconut nurseries, shaded forest streams, brackish coastal swamps; ---; 279	de Meillon	1947a.
	In rivers; ---; 44	Lambrecht & Zaghi	1960
	---; ---; 57	Stone et al.	1959
	Shaded pools, swamps open or wooded, coconut nurseries, cool forest streams with heavy shade; does not enter houses readily; 61	de Meillon	1949
	Sunny pools without vegetation containing shells of coconuts, under rocks and verandas; ---; 61. Grassy marshes in open ground; under verandas; 156. Brooks with aquatic vegetation, grassy and shaded marshes of forest galleries often filled with vegetation matter and dead leaves, in shaded pools; ---; 206	Hamon et al.	1956
	Always with vegetation and almost always in sunlight, flooded forest paths; ---; 61	Doby & Mouchet	1957 (1958)
	Stone pits in large forest; ---; 61	Mouchet et al.	1957
	---; forest; 61. ---; ---; 364	Mouchet & Gariou	1961
	Lagoons, grassy marshes; attack at sunset, houses during day, Nov.-Dec.; 89°	Hamon et al.	1956b.
	---; ---; 111	Lips	1961
	---; ---; 113	Holstein	1953a.
	Near coast in little sunlit turbid pools without vegetation; forest; 115. Clear, slow water without vegetation in thick forest; ---; 206. ---; ---; 319. (Rivers with running, clear water, shaded in forest and in marshy places with more or less polluted water)	Lacan	1958
	---; ---; 123, 226, 279, 320. (Semi-permanent and permanent waters, edges and backwaters of streams and ponds, usually well shaded)	Edwards	1941
	In fresh water; ---; 131°	Toumanoff	1959a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES obscurus (Grünberg) (cont.)	In marshes, in holes of clear water with muddy bottom and rich aquatic vegetation exposed to sun; ---; 131	Toumanoff & Simond	1956 (1957)
	Marshes, ponds, small lakes, streams, generally under shades, on rock holes exposed to sun and with dead leaves; ---; 156	Hamon et al.	1962
	---; in dense forest near coast and inland; 156	Doucet et al.	1960
	---; Dec.; 156	Doucet	1961 (1962)
	Small ponds; common; 163	Service	1958a.
	Natural water collections, swamps, small streams, ditches with slowly flowing water, shade not important but water with green filamentous algae and some floating water plants preferred; ---; 175	Peters	1956
	Shaded hillside streams; ---; 175	Evans	1932
	Clear, slow moving stream, marshes with dirty and stagnant water, puddle; ---; 186	Doucet	1949
	Brushy swamps; naturally infected with malaria; 226	Barber & Olinger	1931
	Open and wooded swamps, especially in shaded, dead fronds of ferns overhanging water, floating debris in wooded swamps, cocoa tree nurseries in wet shaded ground; ---; 226. Swamp covered with mat of wet grass; ---; 279. Cool water in forest, especially in drift of broken over stems and leaves; ---; 320	Evans	1938
	In ditches; ---; 226	Boorman & Service	1960
	---; possible vector of malaria; 226	Senevet	1935
	---; June-Oct.; 279	Mattingly	1949a.
	Tree holes, swamps; ---; 279	Lewis	1956c.
	---; bites by day in lowland forest and plantations, rare at night in forest; 320°	Haddow et al.	1951
obscurus var. *nowlini* Evans	---; ---; 44	de Meillon & Lavoipierre	1944
	Mountain forest region, in streams with large stones, rapid and clear water, sandy bottom, shade; ---; 156	Adam	1957 (1958)
	---; in dense inland forest; 156	Doucet et al.	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
obscurus var. *nowlini* Evans (cont.)	Clear wooded hill streams, tendency to cling to rocks; ---; 175	Evans	1938
	---; ---; 175. (Edges and backwaters of streams, usually well shaded)	Edwards	1941
	---; ---; 214	Stone et al.	1959
	Ditch with vegetation; ---; 226	Froud	1944
	---; ---; 226. (Swamps, shaded pools, streams)	Service	1962
obscurus obscurus (Grünberg)	---; ---; 44	Bouillon	1953
paludis Theobald	Natural, clear water collections with aquatic and semi-aquatic vegetation; ---; 14, 175, 279, 320. Preferably natural collections of clear water with vegetation, backwaters of streams, ponds, springs, ditches, rice fields; ---; 44. ---; attacks outdoors; 226°	de Meillon	1947a.
	In permanent swamps, along river borders with vegetation; in houses, violently attacks man, naturally infected with malaria; 44*°. ---; ---; 102, 111, 112, 248, 267, 273, 362, 364	Lips	1961a.
	Dark and marshy tufted undergrowth, scattered with cacao trees near edge of rivers; June, July, diurnal, forest region; 61. (Grassy marshes, edge of ponds)	Mouchet	1957
	---; bites during day in underwood, at night in forest villages; 61°	Mouchet & Gariou	1961
	---; houses; 61, 206	Hamon et al.	1956
	---; attacks at sunset outdoors; 89°	Hamon et al.	1956b.
	---; ---; 123. (Permanent waters with much vegetation, but few trees)	Edwards	1941
	Streams with vegetation, slow current; ---; 156	Adam & Hamon	1958
	---; in dense forest near coast; 156	Doucet et al.	1960
	---; Dec.; 156	Doucet	1961 (1962)
	---; bites outdoors; 163°	van Someren et al.	1955
	---; bites rarely; 163°	Teesdale	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
paludis Theobald (cont.)	Natural collections of water ducts in swamps, small streams, ditches with slowly flowing water , shade not important but water with green filamentous algae and some floating water plants preferred; in houses but may be a canopy-dweller; 175	Peters	1956
	Densely shaded swampy areas with vegetation; ---; 175	Briscoe	1950
	---; Dec.-June, peak Jan.-Mar.; 175	Fox	1958
	---; bites in houses; 206°	Lacan	1958
	In ditches; ---; 226	Boorman & Service	1960
	---; bites, peak at night, all year, peak in Nov.; 226°	Mattingly	1949b.
	Ponds and rivers with vegetation; ---; 226. Swamps; ---; 279	Evans	1938
	---; ---; 279. (Natural collections of clear water with aquatic and semi-aquatic vegetation such as swamps, ponds, backwaters of streams, springs and ditches, assumed rarely enters habitations, may play part in transmission of malaria in certain localities, in others it is relatively harmless)	de Meillon	1949
	---; bites by day and night in lowland forest canopy, and plantations; 320°	Haddow et al.	1951
parensis Gillies	---; ---; 163	Stone	1963
	---; outdoors and indoors, bites mostly outdoors at night; 292°	Gillies & Furlong	1964
	---; ---; 364	Gillies	1962
pauliani Grjebine	Running or renewable water, notably shaded brooks or "phréatic" sources and brooks with clear water of a transparent blue and with underground infiltrations, can be scattered with *Aponogetor ulvaceus*, among floating roots of trees in well-oxygenated water; coast, attacks man, even during day in forest of decayed leaves; 186°	Grjebine	1956
	Brooks with slow current, in aquatic plants and floating dead leaves, in deep almost stagnant renewable water; ---; 186	Grjebine	1954
pharoensis Theobald	Reservoirs in areas with creeping grass; in houses bites outdoors; 13°	Lewis	1958
	Swamps; bites especially at sunset; 13°	Lewis	1948
	Canal; ---; 13	Lewis	1944a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *pharoensis* Theobald (cont.)	---; carrier of malaria; 13, 44, 96, 226. Overgrown drains and streams; swamps around lakes, enter huts midnight to dawn; 163	Garnham	1945
	---; sparse in dry season; 13. All kinds of water, stagnant and rich with vegetation, in wells; Feb. and Mar.; 96	La Face	1937
	---; suspected vector of malaria; 13. (In swamps and rice fields, vegetation necessary, bites inside houses)	Russell et al.	1943
	---; ---; 13*°. Essentially in grass, reed and papyrus swamp, numerous in papyrus belts and in extensive wet season, inundations along banks of some rivers; ---; 163	Evans	1938
	---; ---; 13, 14, 44, 102, 115, 117, 123, 186, 226, 230, 279, 322. (Permanent waters with much vegetation but few trees, margins of holes and rivers)	Edwards	1941
	---; enters houses in the evening; 43	de Meillon	1947
	Water with reeds; ---; 44°. ---; bites ferociously at sunset; 96°. ---; experimentally infected with malaria; 112, 117. Lakeshore swamps with *Pistia* and other vegetation, rice fields; enters houses midnight to 2 a.m.; 163. Stream edges with vegetation; ---; 214. Swamps, lake shores, among masses of decaying roots; ---; 320. (Naturally infected with malaria, suspected malaria vector)	de Meillon	1947a.
	In *Ceratophyllum demersum*; ---; 44. ---; May-Dec., considered to be responsible for malaria in rice field regions; 96	Senevet & Andarelli	1956
	---; naturally infected with malaria; 44. ---; infected with filariae; 226	Senevet	1935
	---; naturally infected with bancroftial filaria; 44. Swamps; peak in Dec.-Jan., rare at most times, in huts, bites at night; 364°	Smith	1955
	---; in houses; 44	Schwetz	1927
	---; ---; 44, 96, 117, 186, 292. (Can be infected with malaria). ---; ---; 322*	Bedford	1928
	---; infected with malaria; 57	Bruce-Chwatt	1950
	Marshes with abundant vegetation; savannah; 61°	Mouchet & Gariou	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
pharoensis Theobald (cont.)	---; in houses, attack indoors and outdoors at sunset; 71°. ---; in houses, attack indoors and outdoors at sunset, naturally infected with malaria; 89°, 307°. ---; naturally infected with malaria; 112, 324. ---; ---; 131, 175, 225, 279. (Ditches in sweet potato cultures and irrigation wells)	Hamon et al.	1956
	---; Sept., Oct., very aggressive, suspected vector of malaria; 71°. Natural or artificial places, sunny or shady, clear or polluted water; ---; 111. ---; ---; 206, 319	Lacan	1958
	Pistia, rivers, grassy marshes; Nov.-Dec., Apr.-May; 89	Hamon et al.	1956b.
	In lakes formed by flood water; June; 89	Bauvallet	1928
	---; weak sporozoitic indication; 89, 226, 307, 320. ---; in dry season; 113. ---; in marshes all year, in rainy season; 324. ---; active at night; 364	Hamon & Mouchet	1961
	Stagnant water near and in rice fields, pools and borrow pits with vegetation, sakia pits, shallow wells, artificial containers; enters houses, active evening and night; 96	Kirkpatrick	1925
	All collections of water with some vegetation and especially in rice fields; ineffective vector of malaria, naturally infected with malaria; 96	Gad	1956
	Very common in rice fields, disused shallow wells and old water tanks; ---; 96. Stream edges, swamps, shaded by tall grass, reeds, papyrus, lakeshore swamps; weakly anthropophilic; 163. ---; strongly anthropophilic; 226. Lake shore swamps with *Pistia* grass, and floating vegetation; ---; 320	de Meillon	1949
	Seepage water; ---; 96	Manson-Bahr	1920
	Drain; ---; 96	Mohyeddin Farid	1940
	---; naturally infected with Sindbis virus; 96	Taylor et al.	1955
	---; common in cultivated areas, July-Oct.; 96	Hurlbut & Weitz	1956
	---; ---; 96. (Ponds and water holes rich in vegetation, ditches, flat foundations, and reservoirs)	Peus	1942
	---; ---; 100	Corradetti	1939e.
	Rivers and wells; ---; 102	Mira	1938
	---; naturally infected with malaria; 102*	Ovazza & Neri	1955 (1956)

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
pharoensis Theobald (cont.)	---; indoors and outdoors, attacking at dawn, Oct.; 102°	Giaquinto-Mira	1950
	---; swamps, viscious biter; 102°	Scott	1927
	---; in houses, Sept.-Dec., river valleys, savannahs, very aggressive outdoors; 102	Ovazza et al.	1956
	---; rivers, lake and swamp edges; 102	Bevan	1937
	---; Feb.-Apr. and July-Sept.; 102. At an altitude of 600 to 1400 meters; ---; 214	Corradetti	1939c.
	---; houses, Aug.-Nov., Mar.; 112. ---; savannah; 324	Holstein	1953
	River, banks, papyrus; ---; 115	Galliard	1932
	---; in huts, Sept.; 117	Bertram et al.	1958
	Pools with *Pistia*; ---; 123	Macfie & Ingram	1923
	---; ---; 123*	Grundy	1945
	---; Jan., Mar.-May, attacks at night; 156°	Hamon et al.	1962
	---; in dense forest near coast and inland; 156	Doucet et al.	1960
	Pools; bites outdoors; 163°	van Someren et al.	1955
	---; rarely bites; 163°	Teesdale	1959
	---; peak May-Sept.; 163	Haddow	1942a.
	Very weedy pools, seepages, lakes and stream margins; occasionally indoors; 175	Gelfand	1954
	---; ---; 176	Goodwin	1961
	Rice fields, clear slow stagnant water with vegetation, muddy and clear slow moving water, hoof imprints, hole under rail; ---; 186	Doucet	1949
	---; Oct.-Jan.; 186°	Lacan	1954
	---; houses, Mar.; 186. ---; naturally infected with non-infective filariae; 364	Grjebine & Brygoo	1958
	---; all year; 186	Couvy	1925
	---; ---; 186*	Legendre	1924
	---; in village, Aug.; 201	Sautet et al.	1948

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
pharoensis Theobald (cont.)	Ponds especially with grassy margins, swamps; naturally infected with malaria; 226	Barber & Olinger	1931
	Edge of fresh water swamp surrounded by salt marshes; malaria vector of secondary importance; 226	Gilroy & Bruce-Chwatt	1945
	---; natural development of immature larvae of *Wuchereria bancrofti*, experimentally infected with *W. bancrofti*; 226	Neveu-Lemaire	1933
	---; July-Mar., peak of activity in second half of night; 226°	Service	1963
	---; in huts; 226	Kuhlow	1962
	Dams; ---; 227	Pielou	1947
	---; dark tent, Aug.; 230	Davey & Newstead	1921
	Rice fields; houses, bites at sunset; 273°	Hamon et al.	1956a.
	Small slow stream and pool formed by a stream; July-Nov.; 273	Kartman et al.	1947
	---; ---; 284	Corradetti	1940
	---, all year; 307	Tournier	1934
	Lake shore swamps, in clear water, among *Ceratophyllum*, edges of swamps where cultivation ends; ---; 320	Goma	1960
	Littoral swamps, permanent inland swamps, seasonal inland swamps; ---; 320	Goma	1961
	---; bites by day in lowland forest, by night in forest canopy and plantations; 320°	Haddow et al.	1951
	Lake edges; ---; 322	Ingram & de Meillon	1927
	Only in mud puddles in sandy terrain; ---; 361	Meyus & Bervoets	1958
	---; in houses; 361	Mattingly	1949
	---; bites indoors and outdoors; 364°	Smith	1955a.
pitchfordi (Giles)	---; ---; 14, 206, 320. ---; bushy country; 322	Bedford	1928
	In holes; ---; 44	Schwetz	1927
plumbeus Stephens	Tree holes; ---; 8	Senevet et al.	1954
	---; altitudes to 1200 meters above sea level; 8	Senevet & Andarelli	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES pretoriensis (Theobald)	Residual pools in water courses in dry season; Sept., Oct., enters houses; 13°	Lewis	1943
	Streams, pools, in marshes; ---; 13	Abbott	1948
	---; ---; 13, 44, 102, 123, 163, 230, 320, 322, 364. (Semi-permanent and permanent waters with little or no vegetation, usually open ditches, ponds wells, small pools in rocks)	Edwards	1941
	---; ---; 43	de Meillon	1947
	On drainage, streams with still or running water; in houses; 44. ---; ---; 100*, 163°. ---; naturally infected with malaria; 322, 344	Lips	1962a.
	In marshy vegetation near river; in marshy region near river; 44	Vincke	1959
	---; naturally infected with malaria; 55. ---; ---; 102. (Regarded as malaria vector). ---; streams, swamps, rivers, canals; 163	de Meillon	1947a.
	Sunny residual pools of a lake, puddles on sand and rocks with or without algae, grassy sunny ditches; ---; 61, 226. Grasses of streams and marshes, small pools and marelles of grass-covered rocks with warm water and light current, puddles without vegetation and very shady; ---; 113	Hamon et al.	1956
	---; savannah cleared parts of forest; 61	Mouchet & Gariou	1961
	Residual puddle in river bank; ---; 71. Fish culture ponds; ---; 206	Lacan	1958
	Grassy edges of forests and brooks; ---; 89	Hamon et al.	1956b.
	Vegetated stream pools in hills, rocky rain pools; culvert; 100	de Burca & Shah	1943
	Between pebbles on little wooded river banks of torrents; savannahs; 102	Ovazza et al.	1956
	Streams; ---; 102*	Mira	1938
	---; Mar., Apr., June-Aug., Nov.; 102. Found at altitudes from 800 to 1800 meters; ---; 214	Corradetti	1939c.
	---; Apr.-May; 102	Corradetti	1938
	Residual puddles of marigot, without vegetation; mountain torrents in grasses with clear, cold rapid water, sunny rock pools with vegetation and light current, rivers with dense vegetation and light current; 112	Hamon	1954

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
pretoriensis (Theobald) (cont.)	Pools in stream beds; ---; 123	Colbourne & Wright	1955
	Shallow pools; ---; 123	Ingram & Macfie	1919
	---; ---; 123*	Grundy	1945
	---; in savannahs with light rainfall; 156	Doucet et al.	1960
	---; rare in houses; 163. ---; dry season, seldom in houses; 230. ---; ---; 292. ---; rare in houses; 322. (Less common in seepages, in rock pools, bare shade, and semi-stagnant pools in streams and ditches)	Evans	1928
	In most kinds of standing water with partial shade, appearing to tolerate water containing red flocculent precipitates, may also occur in streams; ---; 175	Peters	1956
	Sunny bodies of water, especially cracks between rocks in rivers; ---; 186	Grjebine	1956
	---; ---; 214. (Sunny rock pools, semi-stagnant streams and ditch pools, hoof prints, enters houses, naturally infected with malaria)	Russell et al.	1943
	---; Feb., Aug.; 226°	Service	1963
	Dams, hoof prints, pools, seepages, temporary rock pools; ---; 227	Pielou	1947
	---; ---; 284	van Someren	1943
	Permanent and semi-permanent waters; in houses, naturally infected with malaria oocytes, seldom bites man; 292°	Reid & Woods	1957
	Puddles, streams, seepages, ponds; indoors, naturally infected with malaria; 322	Swellengrebel et al.	1931
	In pools near river; Oct.-July; 322	Bedford	1928
	Backwaters of rivers; ---; 322	Nieschulz et al.	1934
	River, quarry; ---; 322	Steyn et al.	1955
	Small excavations on rocks containing water; ---; 324	Vilain	1949
	---; savannah, in houses; 324	Holstein	1953
	Coconut palms; ---; 364	Edwards	1923a.
radama de Meillon	---; coast and near water bodies; 186	Lacan	1954

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
rageaui (Mattingly & Adam)	Under rocks; ---; 61	Adam & Hamon	1956
	---; in tunnel; 61	Mattingly & Adam	1954
ranoi Grjebine	Brooks and streams in forest, in running water on edges of streams and floating aquatic vegetation; ---; 186	Grjebine	1954
rhodesiensis Theobald	---; near houses; 13	Henderson	1932
	---; ---; 43	de Meillon	1947
	Exposed and shaded waters, rock pools, stream beds, stream margins, seepages, springs, pools, ditches, foot prints, artificial containers; ---; 44, 64, 102, 123, 227, 230, 292	de Meillon	1947a.
	---; ---; 54	Stone et al.	1959
	Shaded rocky basins with clear, calm, renewed water; forest, plateaux, savannah; 61	Mouchet & Gariou	1961
	In thin film of water in tunnel; ---; 61	Mattingly & Adam	1954
	---; shelters under rocks, houses; 61. ---; ---; 112, 206, 226, 324	Hamon et al.	1956
	Marigots; ---; 89	Hamon et al.	1956b.
	All kinds of water; in houses at night; 96, 279	La Face	1937
	Fresh water of slow moving stream, stagnant, weedy pool, drain; enters houses, bites viciously after dark; 96°	Kirkpatrick	1925
	---; ---; 100. ---; severely attacks in open; 102*°	Giaquinto-Mira	1950
	---; ---; 113	Holstein	1953a.
	---; ---; 123*	Grundy	1945
	Dry season in marshes, holes of clear water with muddy bottom and rich aquatic vegetation exposed to sun; ---; 131	Toumanoff & Simond	1956 (1957)
	Rock holes under shade and sunlight, small lakes, marsh under shade; ---; 156	Hamon et al.	1962
	In swampy areas, running clear water and some in areas shaded by vegetation; non-domestic; 163. ---; ---; 214. Clean water; naturally and experimentally infected with *Plasmodium falciparum*; 279. Running water, pools in stream beds; non-domestic; 292. In	Evans	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *rhodesiensis* Theobald (cont.)	nearly all water; indoors; 364. (Margins of shady streams with sluggish current, ditches trickling water in marshy area, pools at side of shallow streams, rock pools, shallow water hole overgrown with vegetation)	Evans (cont.)	1938
	Streams, pools, rock holes; ---; 163	van Someren et al.	1955
	---; in huts; 163	Garnham & Harper	1944
	Rock pool; ---; 279	Evans	1925
	---; vector of nocturnal filariasis; 279*. ---; naturally infected with *Wuchereria bancrofti*, vector of nocturnal filariasis; 364*	Manson-Bahr	1959
	---; experimentally infected with *W. bancrofti*; 279	Neveu-Lemaire	1933
	---; ---; 284	van Someren	1943
	All types of permanent and semi-permanent water; in houses, naturally infected with malaria; 292	Raid & Woods	1957
	Fresh culture pools, muddy water, sunny with little vegetation; ---; 319	Lacan	1958
	In rice fields, swamps, grassy pools, edges of rivers; common in June; 320	Smith	1955
	Partly filled well containing fresh and clear water with some plants and grass growing; ---; 322	Ingram & de Meillon	1927
	---; Sept.-June; 322	Bedford	1928
	---; ---; 344	Sonevat & Fratani	1938
	Swamps; ---; 364	Peters	1955a.
rhodesiensis dthalisimilis Corradetti	---; ---; 102	Corradetti	1939
	At altitude of about 1400 meters; ---; 214	Corradetti	1939c.
rhodesiensis rupicolus Lewis	---; ---; 8	Stone	1961
	---; ---; 13, 96, 100, 102	Stone et al.	1959
	---; ---; 71	Rioux	1959
	---; ---; 111	Stone	1963
	---; in dense forests near coast and inland; 156	Doucet et al.	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES rivulorum Leeson	Grassy swamps, among pebbles, river edges; ---; 13	Lewis	1945
	---; bites outdoors; 13°	Lewis	1956
	---; ---; 44	Lips	1959
	Rapid water; savannah; 61	Mouchet & Gariou	1961
	Residual puddles of torrents and grassy banks of brooks and streams; ---; 89	Hamon et al.	1956
	---; ---; 102	Verrone	1962
	Grasses of mountain torrents in clear, rapid cold water; ---; 112	Hamon	1954
	---; ---; 113	Holstein	1953a.
	---; in dense inland forests; 156	Doucet et al.	1960
	More or less permanent, shady clear water with vegetation, often with *Pistia*; cracks in stream banks; 163, 214, 226, 292, 320, 322, 364	de Meillon	1947a.
	Swamps with stagnant water with *Pistia*, lake shore with *Pistia* and *Papyrus*, slow running river partly shaded by tall weeds; in houses; 163	Evans & Garnham	1936
	Streams, swamps, dams, pools, rock holes, wells; ---; 163	van Someren et al.	1955
	Fish culture ponds; ---; 206	Lacan	1958
	Weedy stream margins; ---; 214	Pereira	1946
	---; ---; 227	Robinson	1948
	In slow moving streams near banks and among boulders; along streams and banks; 292	Evans	1938
	Streams, pools, borrow pits, ruts, seepages, vleis; not frequenting houses; 292	Reid & Woods	1957
	Edges of streams with grasses where there was no *Pistia* or other floating plants; ---; 320	Evans & Leeson	1937
	Inner or lakeward side of littoral swamps with *Pistia* and/or *Ceratophyllum*; ---; 320	Goma	1961
	River swamps in grass zone among *Pistia* and *Ceratophyllum*; ---; 320	Goma	1960
	---; enter houses; 320	Leeson	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
rivulorum Leeson (cont.)	---; ---; 322. (Edges and backwaters of streams, usually well shaded)	Edwards	1941
	---; ---; 324	Hamon	1954a.
	Among *Pistia* beds in swamps; ---; 364	Smith	1955
	---; in houses, all year; 364*	Gillies & Smith	1960
rivulorum var. *garnhamellus* Evans & Leeson	Swamp pools with *Pistia*, rivers; ---; 163, 320, 364	Evans & Leeson	1937
	Only in *Pistia* except in Digo District; ---; 163. In clear still pools in swamps, mostly in *Pistia*; ---; 364	Evans	1938
	Water with high salinity; indoors; 320	Leeson	1937
	Inner or lakeward side of littoral swamps with *Pistia* and/or *Ceratophyllum*; ---; 320	Goma	1961
	River swamps, swamp pools; ---; 320	Goma	1960
rodhaini Leleup & Lips	---; in grottos; 44	Leleup	1952
roubaudi Grjebine	In shade in floating vegetation on edges of little torrential brooks in forest; ---; 186	Grjebine	1954
ruarinus Edwards	---; river banks; 14	Gândara	1958
	---; ---; 56	Stone et al.	1959
	Rock pools; Jan., Mar.; 292	Edwards	1940
	Shallow pools on granite hills, river pools, puddles at the edges of vleis; ---; 292	Reid & Woods	1957
	Rock pool in receding river; ---; 299, 322	de Meillon	1947a.
rufipes (Gough)	Among vegetation *Naias pectinata*, in swamps, small seepages, pools on river banks; common in houses by day, probably not important vector of malaria; 13. ---; naturally infected with malaria, in houses; 226, 324	Lewis	1956
	Reservoirs, irrigated areas, areas overgrown with creeping grasses, sheets of water without thick covering of vegetation; in houses; 13	Lewis	1958
	---; nocturnal; 13	Lewis	1948
	---; ---; 13*. ---; ---; 42. ---; in houses, naturally infected with malaria; 44	Lips	1962a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES rufipes (Gough) (cont.)	---; ---; 13, 44, 56, 102, 186, 214, 292, 299, 322, 364. (Shaded, unshaded stagnant and running water, rock pools in river beds, marshes, foot prints, artificial containers)	de Meillon	1947a.
	---; ---; 13*	Lewis	1947
	River banks; near rivers; 14	Gândara	1958
	---; active at evenings; 43	de Meillon	1947
	In marshy region; ---; 44	Vincke	1959
	Clear, calm or lightly flowing water; houses, savannah, cleared parts of forest; 61*	Mouchet & Gariou	1961
	---; ---; 61	Hamon & Mouchet	1961
	Palm groves in pools of clear water, shaded and bordered by light vegetation; July; 71	Saugrain & Taufflieb	1960
	Small pools, flooded fields, muddy water; ---; 71. Very fast water in water pipe of fish culture pond and very wooded and shaded parts of forest and clear slow water without vegetation; ---; 206	Lacan	1958
	Grassy banks of marigots and brooks, pools, *Pistia*; houses; 89	Hamon et al.	1956b.
	River seepage; dwelling; 100	de Burca & Shah	1943
	Rice fields in river valley, rainy season; in houses, Feb.-May, July, Sept.-Jan.; 112. ---; in houses; 113. ---; ---; 132, 279, 319. (In rice fields and grassy marshes drying up, ditches between sweet potato culture)	Hamon et al.	1956
	Puddles on river edge, residual puddles of marigots without vegetation in sun, mountain torrents in grass, in clear, cold, rapid water, sunny rock pools with vegetation, feeble current, rice fields and rivers with dense vegetation, light current; ---; 112	Hamon	1954
	---; ---; 112. (Stagnant, rock and ground pools, hoof prints, running water in sun, artificial containers, marshes)	de Meillon	1949
	Springs with green algae; ---; 115, 344	Galliard	1932
	---; ---; 115, 163, 226, 320, 322. (Semi-permanent and permanent waters with little or no vegetation, usually open ditches, ponds, wells, small rock pools)	Edwards	1941
	---; in huts; 117	Bertram et al.	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES rufipes (Gough) (cont.)	Pools with emergent vegetation, pools in stream beds; ---; 123	Colbourne & Wright	1955
	Pools of clear water in dry stream bed; ---; 123	Ingram & Macfie	1919
	---; ---; 131	Toumanoff	1959a.
	In streams; in houses, Mar.-Apr.; 156	Hamon et al.	1962
	---; in dense inland forest, in savannah; 156	Doucet et al.	1960
	In clear rain water, occasionally muddy; enters houses, rare; 163. Most extensively in pools and stream beds and running water, less frequent in seepages, puddles and borrow pits; enters houses; 292. ---; enters houses; 322. (Most freely in stagnant or semi-stagnant pools and rock pools, in beds of streams, usually in unshaded areas but will tolerate shade from vegetation, sometimes in marshes, comparitively rare)	Evans	1938
	Residual water of rivers, clay crevices in temporary marshes, ponds and marshes with aquatic vegetation; ---; 186	Grjebine	1956
	---; enters houses, Aug. and Dec.; 201	Sautet et al.	1948
	---; ---; 225	Hamon et al.	1961a.
	Hoof prints, dams, pools, seepages, ditches, rivers; all year; 227	Pielou	1947
	---; in huts in Oct.-Nov.; 227	Robinson	1948
	Shaded brook, grassy puddles, rice fields, marshes; houses; 273	Hamon et al.	1956a.
	---; enters houses; 279	Gordon et al.	1932
	Ponds, swamps, quiet parts of streams, hoof marks; ---; 292	Leeson	1927
	Permanent or semi-permanent collection of waters; naturally infected with malaria, seldom bites man; 292°	Reid & Woods	1957
	Puddles, streams, seepages, ponds; in rock clefts, indoors; 322	Swellengrebel et al.	1931
	---; common, Jan.-Apr.; 322	Bedford	1928
	Shallow, sunny limpid water with or without vegetation; enters houses all year; 324	Vilain	1949
	---; savannah; 324*	Holstein	1953

TABL_ 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
rufipes (Gough) (cont.)	---; naturally infected with malaria; 324	Holstein	1950
	In grassy pools and edges of rivers; uncommon, bites at night; 364°	Smith	1955
	---; bites indoors and outdoors; 364°	Smith	1955a.
rufipes var. *bruoechwatti* Hamon, Taufflieb & Dyemkouma	---; July; 71. ---; well, Mar.; 324	Hamon et al.	1961a.
	---; Feb.; 226°	Service	1963
rufipes var. *ingrami* Edwards	---; ---; 13°	Lewis	1943
	---; ---; 13	Lewis	1956
	---; naturally infected with malaria; 44, 324	Holstein	1950
	---; ---; 89	Hamon et al.	1961a.
	---; ---; 112	Holstein	1949
	---; in huts; 117	Bertram et al.	1958
	---; ---; 123, 214. (Large shallow fresh water pools, enters houses). ---; ---; 226. (Large shallow fresh water pools)	Russell et al.	1943
	---; enters houses; 226. In large shallow fresh water pools; rare in houses, Apr. and May, experimentally infected with oocysts; 279	Evans	1938
	---; feeds mainly first half of the night, Mar.-May, Sept.-Dec.; 226°	Service	1963
	---; experimentally infected with malaria; 226	Gelfand	1947
	---; ---; 227. In large shallow fresh water pools; ---; 279.	de Meillon	1949
	---; houses; 273	Hamon et al.	1956a.
	Fish culture pool in muddy, sunny water with little vegetation; ---; 319	Lacan	1958
	---; enters houses; 322	de Meillon	1947a.
rufipes rufipes (Gough)	---; ---; 89	Hamon et al.	1956b.
	---; Jan.-Feb., Mar.-Apr., Sept.-Oct.; 226°	Service	1963
rufipes senevati Rioux	---; ---; 71	Rioux	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
rupicolus Lewis	Rock pool, metal water container; ---; 13	Evans	1938
	---; ---; 13, 102. (Small containers)	Edwards	1941
	---; ---; 96. (Rock pools, artificial containers)	de Meillon	1949
	Rocky pools; ---; 100	de Burca & Shah	1943
	Rock pools, artificial containers; ---; 102	de Meillon	1947a.
sacharovi Favre	---; ---; 8	Senevet	1935
	---; ---; 176	Goodwin	1961
salbaii Maffi & Coluzzi	---; ---; 284	Stone et al.	1959
schwetzi Evans	---; ---; 13. (In forest gallery near river)	Lips	1959
	---; ---; 44	de Meillon	1949
	---; rare; 112	Evans	1938
sergentii (Theobald)	Water-cress beds, small sunlit pools without vegetation, canal encumbered with stagnant branches of wadis with vegetation and green algae; ---; 8. (Attacks man)	Senevet & Andarelli	1956
	Small pools and springs, streams, river bed pools; ---; 8	de Meillon	1949
	---; July-Aug.; 8. Stagnant pools, streams of oasis and sandy seepages in dried-up river beds; ---; 316	Séguy	1924
	---; ---; 8, 96*, 316. (Rice fields, borrow pits, irrigation ditches with vegetation, seepages and drains, enters houses at night and bites most frequently after dark)	Russell et al.	1943
	---; ---; 8, 96, 176, 211, 316. (Water in open areas with vegetation, slow moving water, inlet with still water, beds of mountain and hill lakes, nocturnal, Sept.-Nov.). Vegetated open sunny slow-flowing water, rice fields, irrigation ditches, salty water preferred; enters houses at dusk and night, bites man; 63°	Peus	1942
	Pocket-like pools in rocks; ---; 63	Christophers	1929
	---; ---; 63. (Lake border). ---; June-Nov., peak Sept.-Oct.; 211	Gaud	1948a.
	Weedy edges of slowly running water arising from permanent wells and springs, rice-field channels, seepage; desert; 96	Gad	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
sergentii (Theobald) (cont.)	Small pools of seepage water, drains; in houses; 96	Mohyddin Farid	1940
	Waste well water and canals; ---; 96, 176	Russell	1957
	Slowly flowing streams and weedy pools, with floating green algae; ---; 96	Abdel-Malek	1956
	Abandoned wells; ---; 176	Vermeil	1953a.
	---; ---; 176*	Zavattari	1934
	Marshy areas; ---; 211	Langeron	1938
	---; in houses, Sept.-Oct.; 211	Messerlin & Treillard	1938
	Small ponds without vegetation; desert; 316	Juminer	1959
sergentii macmahoni Evans	---; ---; 8	Stone	1961
	---; ---; 13, 163, 284, 324	Stone et al.	1959
	Shaded clear water pools with vegetation, river bed during dry season; ---; 102	Giaquinto-Mira	1950
seydeli Edwards	Marshy region near river; ---; 44	Vincke	1959
	---; ---; 102	Verrone	1962
	Along side of very fast running stream with clear water, shaded with short grass, also in slow moving water under culvert; ---; 214	de Meillon	1949
	Clear water, in shade of fast flowing streams; ---; 227	de Meillon	1947a.
	---; ---; 230	Stone et al.	1959
	Along edges of streams; ---; 292	Reid & Woods	1957
sinensis Wiedemann	---; ---; 211	Charrier	1924a.
smithi Theobald	---; enters houses; 106. Shaded leafy, rocky bottom of pools connected to running streams, heavy shaded pool edges of vegetation; ---; 279	Evans	1938
	Streams in forest, rock holes under sun and with dead leaves; rock holes, Jan., May, Sept.; 156	Hamon et al.	1962
	Rocky pools in connection with running water and containing dead vegetation, usually well-shaded; may enter houses; 175	Peters	1956
	Quiet pools with dense vegetation; ---; 175	de Meillon	1947a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY: DISTRIBTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
smithi Theobald (cont.)	Shaded streams, rock pools in stream bed with vegetation; ---; 279	Blacklock & Evans	1926
	---; ---; 279. (Rarely enters houses, bites man)	Russell et al.	1943
	---; ---; 365	Smart	1943
smithi var. *rageaui* Mattingly & Adam	Underground gallery in the film of muddy water, under overhang of rocky cliff; maximum Dec., June, Apr.; 61	Adam & Mattingly	1956 (1957)
	Underground gallery of city water system, stone pits and grottos in large forest, under rocks in streams of clear water, slightly running water; ---; 61	Mouchet et al.	1957
	Streams, cracks between rocks, grassy holes, little light, acid water; ---; 61	Doby & Mouchet	1957 (1958)
	Mountainous forest region in streams with large stones, rapid clear water, sandy bottom in shade; ---; 156	Adam	1957 (1958)
squamosus Theobald	Open rain water floods with some grass but no permanent aquatic vegetation; bites outdoors at dusk; 13°	Lewis	1956
	River banks; river banks; 14	Gândara	1958
	---; ---; 42	Smart	1943
	In marshy region near river; in marshy region near river; 44	Vincke	1959
	In holes; ---; 44	Schwetz	1927
	Streams; in houses, naturally infected with malaria oöcysts; 44	Lips	1962a.
	---; ---; 56. At altitudes up to 6600 feet ; ---; 102. Seepages, drains, irrigation canals; ---; 163. River pools, backwaters; ---; 186. River pools; ---; 292. (Standing or slow moving water with some shade, ponds, pools, borrow pits, seepages, ditches, swamp edges, river pools, backwaters and edges of slow flowing streams)	de Meillon	1947a.
	Marshes with abundant vegetation; savannah; 61°	Mouchet & Garinu	1961
	---; ---; 71, 117, 132, 206, 319	Hamon et al.	1956
	Puddles, marshes and grassy marigots; ---; 89	Hamon et al.	1956b.
	---; ---; 96	Gough	1914
	Vegetated rain water and river pools; ---; 100	de Burca & Shah	1943
	Marshes, drainage canals; wooded savannah; 102	Ovazza et al.	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES squamosus Theobald (cont.)	Shallow marsh with gramineés on edge, reeds in center and outlet; ---; 102	Cvazza & Neri	1955 (1956)
	Small collections of water under stones; ---; 102	Giaquinto-Mira	1950
	---. Mar.-Apr.; 102. At altitudes from 1600 to 2000 meters; ---; 214	Corradetti	1939c.
	Rice fields with dense vegetation; ---; 112	Hamon	1954
	---; houses, Aug., Sept., Nov.; 112	Holstein	1953a.
	---; ---; 123, 226, 227, 230, 279, 322, 364. (Semi-permanent and permanent waters with much vegetation but few trees, open ditches, ponds and wells)	Edwards	1941
	---; ---; 123*, 186*	Grundy	1945
	In fresh water, permanent breeding places in dry season; ---; 131	Toumanoff	1959a.
	In sunlit pools with aquatic vegetation; July-Aug.; 131	Kremer	1960
	---; in dense forests near coast and inland, in savannahs with light and heavy rainfall; 156	Doucet et al.	1960
	Occasionally in muddy water, with vegetation or floating debris; rare in houses; 163. Running water, seepages, pools in streams, veld pools, borrow pits, rare in houses; 292. Only in clear water; ---; 320. (Occurs in ponds, borrow pits, but not freshly dug, edges of slow flowing streams and pools in their beds, ditches, hoof marks, swamps where ample free water and short vegetation exist, comparatively rare)	Evans	1938
	Swamps, dams, pools streams, wells; bites indoors and outside houses; 163°	van Someren et al.	1955
	---; rarely in houses, nocturnal, main biting at midnight; 163°	van Someren et al.	1958
	---; bites rarely; 163°	Teesdale	1959
	Moderately shaded, standing or slow flowing water, pools, seepages, swamp margins and stream backwaters; ---; 175	Gelfand	1954
	All stages of rice cutting especially rice fields with clear and renewable, well-oxygenated water, in depressions during dry season on edge of rice fields and marshes; forest, houses, active at night, anthropophilic; 186°	Grjebine	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES squamosus Theobald (cont.)	Streams, lakes rich in aquatic vegetation with many fish, fresh water swamps with plants; ---; 136	Grjebine	1954
	---; all year from 6 p.m. to 10 p.m., maximum Sept.-Nov., in houses at night; 186	Lacan	1954
	---; Feb., Mar.; 186	Grjebine & Brygoo	1958
	---; ---; 186*	Legendre	1924
	Sparingly in ponds; ---; 226	Barber & Olinger	1931
	---; naturally infected with *Wuchereria bancrofti*; 226. ---; naturally and experimentally infected with *W. bancrofti*; 279	Neveu-Lemaire	1933
	---; Sept.-Dec., feed mainly first half of night; 226°	Service	1963
	Dams, hoof prints, pools, seepages, ditches, rivers; ---; 227	Pielou	1947
	Flooded fields, rice fields, grassy imprints, *Pistia*, puddles; houses; 273	Hamon et al.	1956a.
	Unshaded pool; ---; 279	Blacklock & Evans	1926
	---; important vector of *W. bancrofti*; 279*. Among *Pistia* in swamps; scarce; 364	Smith	1955
	---; naturally and experimentally infected with filariasis; 279	Hicks	1932
	---; vector of nocturnal filariasis; 279*, 364*	Manson-Bahr	1959
	In salt water; ---; 284	Maffi	1960a.
	Wide varieties of habitats, permanent and semi-permanent waters; seldom bites man, frequents houses, crepuscular; 292°	Reid & Woods	1957
	---; ---; 299	de Meillon	1943
	Inner or lakeward side of littoral swamp with *Pistia* and/or *Ceratophyllum*; ---; 320	Goma	1961
	---; bites by night in lowland plantations and open ground, rare; 320°	Haddow et al.	1951
	River beds, marshy pools by small spring, pools containing little or much vegetation near a river and in a stream in which the water was flowing slowly; found during the day in the open, all year; 322	Bedford	1928
	Backwaters of river, temporary pools without any vegetation; ---; 322	Nieschulz et al.	1934

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
squamosus Theobald (cont.)	---; indoors; 322	Swellengrebel et al.	1931
	Puddles in sunlight, in bodies of water with slow current and floating vegetation; ---; 361	Meyus & Bervoets	1958
	---; in houses; 361	Mattingly	1949
	In swamps; ---; 364	Peters	1955a.
	---; bites outdoors; 364*	Smith	1955a.
	---; in houses; 364	Gillies	1954
squamosus var. *cydippes* de Meillon	In marshy region; ---; 44	Vincke	1959
	Swamps, streams along forest galleries; ---; 44. ---; ---; 113, 362, 363	Lips	1962a.
	---; mountains; 61	Mouchet & Gariou	1961
	---; ---; 71, 206, 319	Lacan	1958
	---; ---; 102, 156, 214, 299, 322. Marshes; ---; 324	Rickenbach et al.	1958
	Rice fields with clear and renewable well-oxygenated water, depressions during dry seasons on edge of rice fields and marshes; forest, houses, active at night, anthropophilic, ubiquitous; 186	Grjebine	1956
	Permanent and semi-permanent water; ---; 292	Reid & Woods	1957
	---; ---; 320	de Meillon	1947a.
	---; ---; 364	Stone et al.	1959
squamosus var. *entebbiensis* Evans	---; ---; 44	de Meillon	1943
	---; ---; 102,	Smart	1943
	---; ---; 299	de Meillon	1943
	In short grass in water hole of clear water fed by spring; ---; 320	Evans	1938
squamosus squamosus	---; naturally infected with *Wuchereria bancrofti*; 279	Manson-Bahr	1959
superpictus Grassi	---; ---; 8, 96. (Flat, pebbly river bottom, backwaters with slow current, isolated pools and ponds with algae, near rivers, often in sun, nocturnal, bites often indoors or outdoors)	Peus	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
superpictus Giles (cont.)	---; ---; 8. (Experimentally infected with *Plasmodium vivax*)	Séguy	1924
	---; ---; 63	Frey et al.	1936
	Slow flowing streams with clear and with thick floating green algae; ---; 96	Abdel-Malek	1956
	Stagnant water; ---; 96. (Readily enters houses, carrier of malaria)	Kirkpatrick	1925
	---; rare; 96	Gad	1956
	---; ---; 176. (Breeds in running water with or without vegetation, stagnant water, domestic species)	La Face	1937
	---; June, Aug.; 211	Séguy	1934
	Running and stagnant water; ---; 316	Jusiner	1959
superpictus var. *vassilievi* Portchinsky	---; ---; 8, 96. (Habitually in mountains, breeds in mountain and ravine streams with algae)	Edwards	1926
swahilicus Gillies	In swamps filled with water, all year, in zones of floating *Pistia*; ---; 163°. ---; ---; 364	Gillies	1964
symesi Edwards	---; ---; 13	Lewis	1956
	Lake borders; ---; 44	Lips	1962
	---; ---; 44, 163, 320. (Papyrus swamps along shores)	de Meillon	1949
	---; ---; 44. (Permanent water with much vegetation, but few trees)	Edwards	1941
	Pistia, papyrus swamps; ---; 163, 320	Evans	1938
	---; in houses; 163	Haddow	1942a.
	In dense papyrus swamps; ---; 320	Goma	1960
	Littoral swamps; ---; 320	Goma	1961
tchekedi de Meillon & Leeson	River banks; ---; 14	Gândara	1958
	Swamps; ---; 43	de Meillon	1949
tenebrosus Dönitz	---; ---; 14, 42, 96, 163, 176, 214°, 322°. In swamps; in houses; 361	Lips	1962
	---; ---; 44	Lips	1959
	---; ---; 364	Gillies	1963

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
theileri Edwards	Shady margins of streams, one flowing rapidly; in houses; 44, 322	Evans	1938
	---; ---; 102	Verrone	1962
	---; ---; 186	Wilson	1947
	---; ---; 214, 292. (Shady stream margins, rapid water)	de Meillon	1949
	---; June-Apr., peak Aug.-Sept.; 226*	Hanney	1960
	Pools, dams, temporary rock pools; ---; 227	Pielou	1947
	Streams; ---; 279	Blacklock & Evans	1926
	---; outdoor biter; 279*	Gordon et al.	1932
	Permanent streams, edges of small streams or swamps with slow current and vegetation; in crevices; 292	Reid & Woods	1957
	Edges of swamps; ---; 320	Goma	1960
	---; ---; 322. (Shady stream margins)	de Meillon	1947a.
theileri var. *brohieri* Edwards	---; ---; 123	Smart	1943
theileri var. *hancocki* Edwards	---; ---; 175	Evans	1932
	---; ---; 226	Edwards	1929
	---; ---; 320*	Gibbins	1932
theileri var. *septentrionalis* Evans	Margins of shady streams; rarely indoors; 13, 320	Evans	1938
	---; near swamp; 13*	Lewis	1947
	In stagnant ditches with profuse emergent vegetation; bites between 8 p.m. and 2 a.m., peak before 9 p.m.; 226*	Hanney	1960
theileri var. *seydeli* Edwards	---; ---; 44	Smart	1943
	Shade of short grass next to fast running river with clear water, slow moving water in shade under culvert; ---; 214	de Meillon & Pereira	1940
	---; rare; 227	Evans	1938
theileri theileri Edwards	Stagnant ditches with profuse emergent vegetation; occasionally bites indoors and in evening; 226*	Hanney	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
transvaalensis Carter	Rocky recess in river; ---; 44	Schwetz	1927
	---; ---; 54	Neave	1912
	---; ---; 102	Bevan	1937
	---; ---; 163	Anderson	1919
	---; ---; 186	Edwards	1920a.
	---; common; 214	Séguy	1933
	---; ---; 320	Gibbins	1933
	Streams, seepages, ponds; found indoors; 322	Swellengrebel et al.	1931
	---; Sept.-May; 322	Bedford	1928
turkhudi Liston	Stream pools; ---; 8	de Meillon	1949
	Pools, shallow seepages with algae growth in sandy river beds, in pools in the bed of hill streams; ---; 13	Evans	1938
	---; in houses; 13°	Lewis	1956
	---; ---; 57	Mattingly	1947
	Brackish water, brook of highly saline water, stagnant water; ---; 96, 186. (Suspected vector of malaria)	Gough	1914
	Small collection of water on mountain, slowly flowing streams with clear water and thick floating green algae; ---; 96	Abdel-Malek	1956
	River pools; ---; 100	de Burca & Singh	1943
	---; ---; 102	Smart	1943
	---; suspected vector of malaria; 123	Grundy	1945
	---; enters houses; 211	Gaud	1948a.
	---; Apr.-Dec., July-Sept.; 211	Gaud et al.	1950
	In algae tufts, in running water; ---; 284°	Choumara	1961
	Cold or warm water with vegetation; ---; 284	van Someren	1943
	Water that is clear or has green algae; ---; 284	Maffi	1960
	---; ---; 316	Langeron	1918a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
umbrosus (Theobald)	---; ---; 61	Edwards	1912a.
	---; arid, sandy soil, thick and transitional forest; 123. ---; low-lying swamp surrounded by lagoon; 226	Macfie & Ingram	1916a.
	Swamp; ---; 279	Evans	1925
upemba Mattingly	---; ---; 44	Lips	1960a.
vanhoofi Wanson & Lebied	In grottos; ---; 44	Leleup	1950
	Cave pools; ---; 44	de Meillon	1949
	---; grotto; 206	Adam	1961
vanthieli Laarman	Muddy edges and backwaters of small streams with stony beds in dark forests; Mar.-Apr., July, between stones in caves; 44	Laarman	1959
	In streams near grottos and water under rocks; suspected vector of *Plasmodium atheruri*; 44	Lambrecht & Zaghi	1960
vinckei de Meillon	Clear, very shady water of overgrown dams and streams; ---; 44	de Meillon	1947a.
	Creeks along river; rare; 44	de Meillon	1949
walravensi Edwards	---; ---; 14	Stone et al.	1959
	Reedy swamps; ---; 44	Vincke & Leleup	1949
	---; ---; 227. (Clear water on river margins)	Evans	1938
	Streams; in houses, naturally infected with malaria; 292	Reid & Woods	1957
	---; ---; 292°. (Permanent marsh and temporarily inundated ground)	de Meillon	1947a.
	---; ---; 364	Peters	1955a.
walravensi var. *milesi* de Meillon & Evans	---; ---; 292, 322	de Meillon & Evans	1935
walravensi var. *schwetzi* Evans	On river edge; naturally infected with malaria oocysts; 44. ---; ---; 217, 292	Lips	1959
	---; ---; 112, 364	Stone et al.	1959
watsoni (Leicester)	---; ---; 123	Simpson	1914

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
wellcomei Theobald	Lakes and streams with floating vegetation; voracious outdoor biter all day; 13°. ---; ---; 14	Evans	1938
	Swamps; rarely in houses, might carry malaria, bites after sunset; 13°	Lewis	1948
	---; bites freely in daytime and in bright sunlight; 14°, 123°, 364°	de Meillon	1947a.
	River; in house; 44	Schwetz	1927
	Clear water marshes with light current and *Pistia* zone of rivers; houses; 61°. ---; rarely in houses; 71. Grasses in cold, clear rapid torrents; ---; 112. Grassy edges of a river; ---; 226. Marshes with dense vegetation, zone of *Pistia*; ---; 273. Grassy marshes, rice fields with warm water having light current; rarely in houses, attacks with ferocity after nightfall, maximum aggression 10 p.m. to midnight; 324°	Hamon et al.	1956
	Large forest, river edges, edges of ponds, savannahs, cultivated plateaux; ---; 61	Mouchet & Gariou	1961
	---; abundant in houses, Nov.; 71. ---; ---; 115	Lacan	1958
	Marigots; ---; 89	Hamon et al.	1956b.
	---; river banks; 102	Bevan	1937
	---; rare, in houses, vegetation on edge of rice fields, Aug.-Nov., Mar.; 112	Holstein	1953a.
	---; ---; 117, 175, 320	Stone et al.	1959
	---; in houses in savannahs, June; 156	Hamon et al.	1962
	Floating vegetation in small open pools in water course; Aug.-June, maximum biting between dark and 9 p.m. gradually falling off until 4 a.m., bites outdoors and indoors; 226°	Hanney	1960
	---; Apr.-May, Sept.-Dec.; 226°	Service	1963
	---; bites outdoors; 364°	Smith	1955a.
	---; June; 364	Smith	1955
wellcomei crepans Gillies	---; ---; 14, 61, 71, 89, 112, 115, 123, 175, 226, 273, 324. ---; Mar., Apr.; 44	Lips	1959
	---; ---; 163. Permanent and semi-permanent swamps and streams; bites at night; 364°	Gillies	1958
wellcomei ugandae (Evans)	---; ---; 13	Gillies	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
welloomei welloomei Theobald	---; ---; 61, 102, 163, 324, 364	Gillies	1958
	In clumps of short grass growing through clear water on the outer edge of swamps; ---; 320	Goma	1960
	Littoral swamps with papyrus, reeds, short grass, other vegetation in quite clear, shallow water; ---; 320	Goma	1961
wilsoni Evans	---; ---; 57	Mattingly	1947
	Forest, in water containing large amounts of organic matter, in pools or small puddles, usually very slow running water; rarely found in houses; 364	de Meillon	1949
siemanni Grünberg	---; ---; 13, 14, 115, 123, 163, 186, 206, 226, 230, 279, 320, 344, 363, 364. ---; naturally infected with malaria sporozoites, suspected vector of malaria; 44. ---; naturally infected with malaria sporozoites, bites day and night; 102*	Lips	1962
	---; Jan.-Mar.; 175*	Fox	1958
ARMIGERES			
albomarginatus (Newstead)	---; ---; 44	Schwetz & Edwards	1927
argenteoventralis (Theobald)	---; ---; 163	Edwards	1915
	---; ---; 175	Bequaert	1930
	---; enter houses, Mar.; 322	Bedford	1928
BANKSINELLA			
lineatopennis (Ludlow)	---; ---; 44	Schwetz	1927
	---; thick forest with transitory rainfall; 123. ---; lowlying swamp surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; June; 322	Edwards	1915
	---; ---; 364	Aders	1917a.
luteolateralis Theobald	---; ---; 44	Bequaert	1913
	---; ---; 54, 230, 320	Neave	1912
	---; ---; 163	Anderson	1919
	---; ---; 226	Simpson	1912
	---; Mar., Apr., June; 322	Edwards	1915
luteolateralis var. *albicosta* Edwards	---; ---; 13, 54, 163	Edwards	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
BANKSINELLA			
luteolateralis var. *flavinervis* Edwards	---; June, Sept.; 322	Edwards	1915
punctocostalis Theobald	---; thick forest and transitional forest; 123. ---; lowlying swamps surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; houses; 226	Dalziel	1920
CULEX			
acrostichalis Edwards	---; ---; 13, 320	Edwards	1941
	---; near river; 44	Mattingly & Lips	1953
adairi Kirkpatrick	---; ---; 71	Rioux	1959
	---; ---; 96, 111	Stone et al.	1959
adami (Hamon & Mouchet)	---; ---; 61	Stone et al.	1959
adersianus Edwards	---; in dense coastal forest; 156	Doucet et al.	1960
	Tree holes, scarce, wells and bamboo pots; ---; 163	van Someren et al.	1955
	Tree holes; ---; 334	Edwards	1941
ager Giles	---; ---; 123, 226	Edwards	1912
ager var. *ethiopicus* Edwards	---; ---; 44	Bequaert	1913
	Water holes with clear water and semi-submerged filmy algae; June-Dec.; 123	Ingram	1912
albertianus Edwards	---; ---; 44, 163, 364	Edwards	1941
albiventralis Edwards	River; ---; 44	Schwetz	1927
	---; Feb., Mar.; 156°	Doucet	1961 (1962)
albiventris Edwards	Artificial containers, in dead leaves and in tree holes; ---; 44	Laubrecht & Zaghi	1960
	---; ---; 61, 206, 319	Stone et al.	1959
	Tree holes, bamboo stems; in houses; 123, 279	Edwards	1941
	---; in dense coastal and inland forests, in savannah with heavy rainfall; 156	Doucet et al.	1960
	---; along coasts, very rare; 163	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
albiventris Edwards	In tree holes in high forest; ---; 175	Peters	1956
(cont.)	Artificial containers, tree holes; ---; 226	Surtees	1959
	Forest tree holes; lowland forest and plantation; 320	Haddow et al.	1951
alpha Séguy	---; ---; 8	Séguy	1924
andersoni Edwards	Artificial containers; enters houses; 44	Mattingly	1949
	---; ---; 44, 163, 320. (Rock pools)	Edwards	1941
	---; high altitude; 102	Bequaert	1930
	Contaminated rocky pools, roadside ditches, hoof marks, clear mountain streams; ---; 102	Bevan	1937
	---; ---; 230, 364	Stone et al.	1959
	Fallen split bamboo with rain water; ---; 320	Edwards & Gibbins	1939
	Tree holes in highland forest; ---; 320	Haddow et al.	1951
	Swamp at about 8,000 feet; ---; 320	Goma	1960
andersoni abyssinicus Edwards	Artificial containers, pools in stream; ---; 100	Lewis	1943a.
	---; ---; 102	Giaquinto-Mira	1950
andersoni bwambanus Edwards	---; ---; 39. Tree holes, pools, streams, swamps, dams, troughs, crab holes, rarely in artificial containers; ---; 322	Muspratt	1955
	---; ---; 230	Stone et al.	1959
	Rock pools; ---; 320	Hopkins	1952
	---; lowland forest; 320	Haddow et al.	1951
	Exposed rocks in a stream bed; ---; 322	de Meillon	1943
	---; in houses; 361	Mattingly	1949
andreanus Edwards	---; ---; 44, 123, 226. (Permanent water with vegetation)	Edwards	1941
	Pools in virgin *Miscanthidium*, untouched and slashed *Phoenix*, "makindu" palm, swamps, pools among tall papyrus and *Phoenix reclinata*; ---; 320	Goma	1960
annulatus var. *marocanus* d'Anfreville	---; rural species, enters houses; 211	d'Anfreville	1916

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *annulioris* Theobald	---; ---; 9, 14, 44, 117, 123, 227, 230, 292, 320, 322, 364. (Permanent and semi-permanent water)	Edwards	1941
	Marshy region near river; ---; 44	Vincke	1959
	---; in houses; 44	Mattingly	1949
	Ponds, stone pits, marshes with vegetation, streams, always associated with green filamentous algae; ---; 61	Doby & Mouchet	1957 (1958)
	---; Apr., June; 61	Rageau & Adam	1953
	---; ---; 71	Rioux	1959
	Brooks, grassy marigots and puddles among green filamentous algae; Apr., May, bites at sunset; 89*	Hamon et al.	1956b.
	---; houses, Nov., Dec.; 89	Hamon	1954b.
	Streams; ---; 100	Lewis	1943a.
	Abundant, long, fine green algae on plateau; ---; 102	Ovazza et al.	1956
	Clear pools with masses of *Spirogyra*; ---; 102	Bevan	1937
	---; bites in evening, in houses, Aug.-Sept.; 117*	Bertram et al.	1958
	In *Mixanthidium* swamp, ground pools, artificial containers; ---; 123	Surtees	1958
	Algae; ---; 123. ---; ---; 186. ---; Jan.-May; 322	Bedford	1928
	---; thick and transitional forests, open orchard bush; 123	Macfie & Ingram	1916a.
	---; in houses, July-Aug.; 131	Kremer	1960
	---; in dense coastal forest and savannah with heavy rainfall; 156	Doucet et al.	1960
	---; June-Feb., in bush; 163	van Someren et al.	1958
	Swamps; bites outdoors, enters houses; 163*	van Someren et al.	1955
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 227, 230, 292, 322. (Clear water in ground pools with algae in drains and river pools, bites man day and night)	Leeson	1958
	Among filamentous algae in ditches; ---; 226	Boorman & Service	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
annulioris Theobald (cont.)	Artificial containers; ---; 226	Bruce-Chwatt	1957
	Green filamentous algae on edge of marigots and rice fields; ---; 273	Hamon et al.	1956b.
	Swamp, latrine washing-bucket; ---; 279	Evans	1925
	---; in houses; 279	Gordon et al.	1932
	---; ---; 292°	McIntosh et al.	1963
	Grass and papyrus swamps, at both high and low altitudes, among filamentous green algae, and *Utricularia*, in peripheral zones, in permanent and semi-permanent swamp pools, in lake shore swamps, in clear water, in abandoned, previously cultivated, papyrus swamps, *Miscanthidium*, and *Phoenix* swamps, in cut *Miscanthidium* and in virgin and burnt papyrus; ---; 320	Goma	1960
	Virgin papyrus zone in swamps, periphery of swamps with permanent and semi-permanent pools; ---; 320	Goma	1958
	In seasonal inland swamps with *Spirogyra*; ---; 320	Goma	1961
	---; bites day and night in lowland forest; 320°	Haddow et al.	1951
	---; peaks of activity in afternoon and post-sunset period; 320	Williams	1963
	---; all year; 320	Corbet	1963a.
	Pools, streams, swamps, dams, troughs, crab holes; common and widely distributed; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
	---; in houses; 361	Mattingly	1949
	In stagnant water with green algae, seepages, rice fields, swamps; in huts, bites outdoors and indoors at night; 364°	Smith	1955
	Pools with vegetation; slow streams; 364	Harris	1942
annulioris consimilis Newstead	---; ---; 13, 44, 115, 123, 175, 226, 279, 320, 365	Edwards	1941
	Green filamentous algae on edge of brooks; houses, Mar.; 89	Hamon	1954b.
	Pond; rare; 163	Service	1958a.
	Open ponds near forest clearing, clear still or running water with filamentous algae, temporary puddles in forest clearings exposed to sun; ---; 175	Peters	1956
	---; 214	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS: ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
annulioris consimilis Newstead (cont.)	Pools with filamentous algae; ---; 226	Hanney	1960
	Water with vegetation; ---; 226	Zumpt	1937
	Swamps with filamentous algae; ---; 279	Lewis	1936c.
	---; enters houses; 279	Gordon et al.	1932
	---; ---; 320	McClelland	1959
	---; Mar., June; 364	Smith	1955
annulioris var. *zambiensis* Theobald	---; ---; 117	Findlay & Davey	1936
annulioris major Edwards	---; ---; 103, 320	Edwards	1941
	---; coastal; 214	Brooke Worth & de Meillon	196
	---; in houses; 361	Mattingly	1949
annulirostris Skuse	---; ---; 186	Hamon	1954c.
annulirostris consimilis Newstead	Temporary puddles, forest clearings exposed to sun; ---; 175	Briscoe	1950
annulitaeis Macquart	---; ---; 186	Edwards	1920a.
antennatus (Becker)	Swamps; bites man after sunset; 13°	Lewis	1948
	Axils of *Sansevviera* and banana; ---; 13	Lewis	1943
	---; common; 13°. ---; naturally infected with Western Nile virus; 96	Taylor et al.	1956
	---; ---; 14	Brooke Worth & Paterson	1961
	---; bites in forests in evening and afternoon, in houses; 43°. Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 43, 214, 227. (Swamps, drains and borrow pits, bites by day, outdoors and indoors)	Leason	1958
	---; ---; 44	Stone et al.	1959
	Grassy marshes; ---; 89	Hamon	1954b.
	---; naturally infected with West Nile virus; 96. ---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX antennatus (Becker) (cont.)	Common on cultivated areas; abundant July-Oct.; 96°	Hurlbut & Weitz	1956
	---; naturally infected with Sindbis virus; 96	Taylor et al.	1955
	Drainage channels; ---; 102	Ovazza et al.	1956
	---; lake edges; 102	Bevan	1937
	---; ---; 113	Senevet & Andarelli	1959
	Artificial containers; in houses, Oct.; 117	Bertram et al.	1958
	Tree holes; ---; 123	Boorman & Porterfield	1957
	---; in dense coastal forests; 156	Doucet et al.	1960
	---; Mar.; 156	Doucet	1961 (1962)
	Scarce in wells, swamps and pools, rare in tanks, dams, drains and pits, exceptional in tree holes; bites outdoors and indoors; 163°	van Someren et al.	1955
	---; mainly nocturnal, bites at night starting at sunset; 163°	van Someren et al.	1958
	---; bites rarely; 163°	Teesdale	1959
	---; bites in vast numbers in swamps; 175°	Lewis	1956a.
	Hoof imprints, muddy water, slow moving clear stream, ditch, artificial containers, canal; ---; 186	Doucet	1949
	Weedy pools; ---; 226	Hanney	1960
	Sunny, clear, stagnant or turbid water with vegetation in swamp, irrigation ditches, temporary rain pools, wells, sandy holes, artificial containers; ---; 273	Kartman et al.	1947
	---; houses; 273	Hamon et al.	1956a.
	Forest ground pools; bites by day in lowland forest and plantations; 320°	Haddow et al.	1951
	Holes in swamps, abundant in swamps; ---; 320	Gosa	1960
	Fresh or stagnant standing water, swamps; 324	Hamon	1954a.
	In grassy swamps; ---; 364	Smith	1955
	---; bites outdoors and indoors, naturally infected with microfilaria; 364	Smith	1955a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
apicalis Adams	---; ---; 8, 316	Senevet	194?
	Pools in stream from a spring; Aug.; 63	Christophers	1929
	Marshes, clear water with vegetation; ---; 211	Charrier	1924a.
arabicus Becker	---; ---; 282	Edwards	1941
arbieeni Salem	---; ---; 8	Senevet & Andarelli	1960
	Water reservoir, puddle in sandy stream bed; ---; 13	Hopkins	1952
	Edges of rocky permanent streams; ---; 13	Abbott	1948
	---; ---; 63, 96	Stone et al.	1959
	---; ---; 71	Rioux	1959
argentiopunctatus (Ventrillon)	---; ---; 14	Gándara	1958
	---; ---; 43	de Meillon	1947
	---; ---; 44	Mattingly & Lips	1953
	Rock pools with vegetation on edge; ---; 112	Hamon	1954 (1955)
	---; ---; 123	Simpson	1914
	Canal with dirty water; ---; 186	Doucet	1949
	---; active at night; 320	Corbet & Haddow	1961
	---; ---; 364	Hamon	1954a.
argenteopunctatus kingii (Theobald)	---; ---; 13, 44, 112. (Ground pools)	Hopkins	1952
	---; ---; 14. 54, 55, 56, 123, 206, 279, 319	Stone et al.	1959
	---; ---; 43, 227, 230, 292. (Ground pools, bites day and night)	Lozano	1958
	Streams; highland; 163	van Someren et al.	1955
	Grassy rice fields; ---; 273	Hamon et al.	1956a.
	---; bites day and night in lowland forest and plantations; 320°	Haddow et al.	1951
	---; in forest; 320	Corbet	1964a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
argentiopunctatus kingii (Theobald) (cont.)	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; in erosion gully; 364	Smith	1955
astridianus de Meillon	---; ---; 44, 361	de Meillon	1942
ataeniatus Theobald	---; ---; 322	Stone et al.	1959
aurantapex Edwards	---; ---; 14	Gândara	1958
	---; ---; 44	de Meillon	1943
	---; ---; 54, 320. (Incomplete development of *Wuchereria bancrofti* obtained experimentally)	Noveu-Lemaire	1933
	Semi-permanent and permanent water; ---; 163	Edwards	1941
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Swamps bordering a lake, *Miscanthidium*, papyrus and *Phoenix* swamps, in cut *Miscanthidium* and in virgin and burnt papyrus areas; ---; 320	Goma	1960
	In littoral swamps with papyrus, reeds, short grass and other vegetation in quite clear, shallow water; ---; 320	Goma	1961
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 322. (Swamp pools with high organic content)	Leeson	1958
aurantapex abyssinicus van Someren	---; ---; 102	van Someren	1945
aurantapex sillinoras Ovazza, Hamon & Neri	---; on plain; 102	Ovazza et al.	1956
aurantapex var. *jinjaensis* Edwards	---; ---; 227	Robinson	1948
	---; ---; 320	Edwards	1941
	---; ---; 322	Brooke Worth & Paterson	1961
avianus de Meillon	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
avianus de Meillon (cont.)	Rock pool in deep shade of small stream; ---; 122	de Meillon	1963
beta Séguy	---; ---; 8	Séguy	1924
bitaeniorhynchus Giles	Swamps; ---; 13	Lewis	1946
	---; ---; 13, 44, 163, 320, 364. (Semi-permanent and permanent water)	Edwards	1941
	---; ---; 14	Gândara	1958
	On ponds with slow current with silk-weed; ---; 44, 115, 123, 226, 322	Galliard	1931
	Marshy region near river; ---; 44	Vincke	1959
	In rivers; ---; 44	Lambrecht & Zaghi	1960
	---; in houses; 44	Mattingly	1949
	Green filamentous algae on brook edges; houses; 89	Hamon	1954b.
	---; ---; 102, 322. (Polluted water). Filmy algae; ---; 123	Bedford	1928
	---; in houses, Aug.-Sept.; 117	Bertram et al.	1958
	Marsh, pond, stream; common; 163	Service	1958a.
	---; in houses; 163	Haddow	1942a.
	Rice fields, ditches, hollow tree stumps, in rainy season; ---; 175	Peters	1956
	In mangrove roots in flooded mangrove terrain in clear lightly salted and sunny water, stagnant in places; ---; 186	Grjebine	1954
	---; ---; 206, 319	Stone et al.	1959
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 292. (Ground pools with algae, bites in daytime and at dusk)	Lesson	1958
	Sunny stagnant water with vegetation in swamps and irrigation ditches; ---; 273	Karman et al.	1947
	Green filamentous algae on edge of marigots and rice fields; ---; 273	Hamon et al.	1956a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY: DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
bitaeniorhynchus Giles (cont.)	Grass and papyrus swamps at high and low altitudes, at edges, invariably among filamentous green algae, pools in virgin and completely regenerated papyrus swamps, papyrus swamps fringing lake; ---; 320	Goma	1960
	---; ---; 324	Hamon	1956a.
	---; ---; 361	Mattingly	1949
	Clean water of streams, drains, dams with vegetation; ---; 364	Harris	1942
bitaeniorhynchus var. *tenax* Theobald	---; river banks; 102	Bevan	1937
bukavuensis Wolfe	Pools of more or less clear water on river bank; ---; 44	Hopkins	1952
calabarensis Edwards	---; houses; 89	Hamon et al.	1956b.
	---; ---; 226	Edwards	1941
calurus Edwards	---; ---; 163	Stone et al.	1959
cambournaci Hamon & Grandara	---; ---; 248	Stone et al.	1959
	---; Nov., near coast; 267	Hamon & Gândara	1955 (1956)
castelli Hamon	---; in savannah with heavy rainfall; 156	Doucet et al.	1960
castor de Meillon & Lavoipierre	In rivers and on *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
chorleyi Edwards	Artificial containers; in houses; 44. ---; in houses; 361	Mattingly	1949
	Marshy regions near river; ---; 44	Vincke	1959
	---; ---; 44, 320, 361. (Semi-permanent water with little or no vegetation)	Edwards	1941
	Ground holes, grassy marshes, drainage channels; ---; 102	Gwanza et al.	1956
	Sedge-papyrus swamp connecting lakes, in trodden foot-path and in previously cut papyrus inside the swamp, water with irridescent ferruginous surface scums and containing brown flocculence, open pools in swamps; ---; 320	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS, ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
chorleyi Edwards (cont.)	In littoral swamps near dry land, in permanent inland swamps at high altitudes; ---; 320	Goma	1961
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
cinerellus Edwards	Pools beside a stream in the deep shade of forest gallery; ---; 13	Lewis	1954
	---; ---; 13, 44, 226, 279. (Crab holes)	Edwards	1941
	---; ---; 14	Gândara	1958
	Tree holes; ---; 44	Lambrecht & Zaghi	1960
	Crab holes; Mar.; 61	Rageau & Adam	1953
	Crab holes; houses; 89	Hamon et al.	1956b.
	---; in dense coastal or inland forest in savannah with heavy rainfall; 156	Doucet et al.	1960
	Streams; very rare; 163	van Someren et al.	1955
	Water-filled calabash, disused wells with floating debris, small ground pools with clear water and well shaded; ---; 175	Peters	1956
	Tree holes; ---; 186	Grjebine	1954
	---; ---; 206, 267, 319	Stone et al.	1959
	Artificial containers in forest; ---; 226	Hanney	1960
	Tree holes; ---; 279	Lewis	1956c.
	Forest tree holes; lowland forest and plantations; 320	Haddow et al.	1951
	Artificial container; ---; 320	Hopkins	1952
	---; in forest; 320	Corbet	1964a.
	Rot holes, pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
cinereus Theobald	Pit latrine; ---; 13	Lewis	1954
	---; ---; 14, 61, 227, 322	Stone et al.	1959
	---; ---; 44, 123, 292	Edwards	1941
	Indigo pits, temporary puddles; ---; 89	Hamon et al.	1956b.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
cinereus Theobald (cont.)	---; in dense forest and inland forests, in savannahs; 156	Doucet et al.	196[illegible]
	Latrines; bites outdoors, enters houses; 163°	van Someren et al.	1955
	---; rarely bites; 163°	Teesdale	1959
	---; in houses and outdoor latrines; 175	Peters	1956
	Tree holes; ---; 186	Grjebine	1954
	---; low vegetation in underwood of gallery forest; 206	Hamon et al.	1957 (1958)a.
	Tree holes, artificial containers; indoors; 226	Zumpt	1937
	Unused pits; ---; 226	Hanney	1960
	---; enters houses; 279°	Gordon et al.	1932
	---; lowland forest; 320	Haddow et al.	1951
	---; ---; 320°	Corbet et al.	1961
	---; ---; 324	Hamon	1954a.
	---; in houses; 361, 364	Mattingly	1949
cinereus uniformis Theobald	---; ---; 123	Edwards	1941
	---; in outdoor latrines; 175	Peters	1956
	---; in forest; 320	Haddow et al.	1961
consimilis Newstead	---; ---; 13, 206	Bedford	1928
	In rivers; ---; 44. Open pond in forest clearing; ---; 175. ---; ---; 279, 320	Bequaert	1930
	---; ---; 54	Edwards	1912
	Algae in clear water; ---; 123	Macfie & Ingram	1916
	---; thick and transitional forest, open orchard brush; 123	Macfie & Ingram	1916a.
	---; ---, 163	Anderson	1919
	Wells, crab holes; 226	Dalziel	1920
	---; ---; 322	Nieschulz et al.	1934
coursi Doucet	Rice field; ---; 186	Doucet	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
cummini Theobald	---; ---; 44	Bequaert	1913
decens Theobald	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 123, 186, 226, 279, 320, 322, 334, 364. (Semi-pemanent and permanent water, crab holes, rock pools, in houses)	Edwards	1941
	---; ---; 14	Gândara	1958
	Marshy region near river; ---; 44	Vincke	1959
	Ditch; Apr.-May; 44	Schwetz	1927
	---; ---; 56	de Meillon & Lavoipierre	1944
	---; ---; 57	Macfie & Ingram	1920
	Sand pit, marshes with vegetation, flooded forest paths, grassy holes, mud puddles, depressions; ---; 61	Doby & Mouchet	1957 (1958)
	---; June, Sept., Dec.; 61	Rageau & Adam	1953
	---; ---; 71	Rioux	1959
	Artificial containers, marshes, grassy marigots; houses; 89	Hamon et al.	1956b.
	---; ---; 96	Storey	1919
	Pools, wells; ---; 100	Lewis	1943a.
	---; ---; 113, 267	Senevet & Andarelli	1959
	Flooded canoe on creek shore, seepage pool outside rice field; in houses; 117	Bertram et al.	1958
	Swampy pools; domestic; 123	Ingram & Macfie	1919
	Rotting wood, pools with *Pistia*; ---; 123	Macfie & Ingram	1923
	---; arid sandy soil, thick and transitional forest, open orchard bush; 123	Macfie & Ingram	1916a.
	Septic tanks; ---; 131	Toumanoff & Simond	1956 (1957)

TABLE 1 MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
decens Theobald (cont.)	---; in dense coastal or inland forests, in savannahs of heavy or light rainfall, all over country; 156	Doucet et al.	1960
	---; Feb., Mar.; 156	Doucet	1961 (1962)
	Marsh, stream; abundant; 163	Service	1958a.
	Unused wells; ---; 163	Lumsden	1955
	---; Apr.-June, Sept.-Nov., bites occasionally; 163*	Teesdale	1959
	Holes of fallen trees in forest clearing; ---; 175	Bequaert	1930
	---; in houses; 175	Peters	1956
	Shaded swamps, tree holes; ---; 186	Grjebine	1954
	---; coastal, inland lowland, riverine, highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 227, 292, 322. (Swamps, borrow pits, river pools, rarely in tree holes and artificial containers)	Leeson	1958
	Crab holes, tree holes, wells, artificial containers; crab holes, houses; 226	Dalziel	1920
	Rock holes; ---; 226	Boorman	1961
	Artificial containers; ---; 226	Bruce-Chwatt	1957
	Rock pools; ---; 226	Philip	1962
	---; Dec.; 226*	Service	1963
	Tree holes; ---; 227	Muspratt	1945
	Sunny clear water in well; enters houses; 273	Kartman et al.	1957
	Artificial containers; houses, wells; 273	Hamon et al.	1956a.
	Little rock pools in streams; ---; 279	Wigglesworth	1929
	Tree holes and artificial containers; ---; 279	Anonymous	1915
	---; in houses; 279	Gordon et al.	1932
	---; ---; 286	van Someren	1943
	Papyrus and lake shore swamps in cut burnt and regenerating papyrus areas, common in edges of swamps. water with thin iridescent ferruginous surface scums and somewhat flocculent, on shores of lake, in swamp with clear water, pH 6·8, in floating *Laersia hexandra* "lawn" just before fern zone bordering open lake water, abandoned, previously cultivated papyrus swamp and cut *Miscanthidium*	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
decens Theobald (cont.)	swamp; ---; 320	Goma (cont.)	1960
	Littoral swamps, permanent inland swamps, seasonal inland swamps in exposed parts, among short grass, in small pools; ---; 320	Goma	1961
	Lowland forest tree holes, ground pools; plantations; 320	Haddow et al.	1951
	Periphery of swamps with permanent and semi-permanent pools; ---; 320	Goma	1958
	---; ---; 320°	Corbet	1963a.
	Pools, swamps, streams, dams, troughs, crab holes, rarely in tree holes, artificial containers; ---; 322	Muspratt	1955
	Tubs, coal mine; Aug.-June; 322	Bedford	1928
	Artificial containers; ---; 322	Steyn et al.	1955
	---; ---; 324	Hamon	1954a.
	In swamps, tree holes, rock pools with rotten leaves; ---; 364	Smith	1955
	Old tins, water holes, road puddles; ---; 364	Aders	1917a.
	Crown of coconut palms; ---; 364	Haworth	1924
	---; in houses; 364	Smith	1955a.
decens var. *invidiosus* Theobald	---; ---; 44	Schwetz & Edwards	1927
	---; ---; 123	Ingram & Macfie	1924
	Artificial containers; ---; 226	Connal	1926a.
	Tree hole, swamp, hospital drain area, rock pool; ---; 279	Evans	1925
	---; enters houses; 279	Gordon et al.	1922
	Water from coconut palms; ---; 364	Edwards	1923a.
demaillioni Doucet	---; ---; 186	Stone et al.	1959
deserticola Kirkpatrick	Clear water, pools with vegetation, water with feeble currents; ---; 8	Clastrier & Senevet	1961
	River, pools with vegetation; ---; 8	Senevet	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
dissertiocola Kirkpatrick (cont.)	---; Mar.-May, July, Nov.-Dec.; 8	Senevet & Andarelli	1960
	---; ---; 71	Rioux	1959
	Temporary rock pool, clear fresh rain water; ---; 96	Kirkpatrick	1925
	In salt pool; ---; 96	Gad	1956
	---; ---; 176	Goodwin	1961
	---; ---; 211	Senevet et al.	1955
	---; ---; 316	Stone et al.	1959
draconis Ingram & de Meillon	---; ---; 163	Bedford	1928
	Edge of stream running among rocks; ---; 322	Ingram & de Meillon	1927
drymozeius Speiser	---; ---; 364	Morstatt	1913
duttoni Theobald	Water holes, water vessels; ---; 13*	Lewis	1943
	---; ---; 13, 14, 44, 102, 115, 117. 123, 163, 175, 186, 226, 227, 230, 279, 292, 320, 322, 364, 365. (Permanent water without much vegetation, rock pools, in houses)	Edwards	1941
	Borrow pits, holes in swamps and rock pools, with water commonly muddy then clean and high organic content, holes on grounds used for macerating manioca; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 43, 214, 227, 230, 292, 322. (Borrow pits, hoof prints. ditches, tanks and ground pools)	Leeson	1958
	Small collection of stagnant water; in houses; 44	Schwetz	1933
	Marshy region near river; ---; 44	Vincke	1959
	---; ---; 56, 64. Pools, str ams, swamps, dams, troughs, crab holes, rarely in artificial containers; common and widely distributed; 322	Muspratt	1955
	Barrels, tubs, pools; June-Aug.; 56. ---; Jan.-Apr.; 322	Bedford	1928
	Putrid water rich in organic materials, not much vegetation mud puddles, tire tracks, ditches, gutters, in sunlight; ---; 61	Doby & Mouchet	1957 (1958)
	---; houses; 61	Rageau et al.	1953
	---; ---; 71	Rioux	1959
	Artificial containers, stream pools; ---; 100	Lewis	1943a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *duttoni* Theobald (cont.)	Sand holes, marsh holes; ---; 102	Ovazza et al.	1956
	Rivers in savannah regions; in houses, in dry season; 115	Galliard	1931
	Artificial containers; in huts; 117	Bertram et al.	1958
	---; arid sandy soil, old sea bed, thick and transitional forest, open orchard bush; 123. Low-lying swamps surrounded by lagoon; ---; 226	Macfie & Ingram	1916a.
	Water holes with somewhat foul water, artificial containers where water had accumulated for a few days; ---; 123	Ingram	1912
	Small pools; ---; 131	Joyeaux	1915
	---; all over country, in dense coastal and inland forests, in savannahs with heavy or light rainfall; 156	Doucet et al.	1960
	Rare in swamps, scarce in artificial containers, wells, pits, pools and dams, exceptional in tree holes; bites outdoors, enters houses; 163°	van Someren et al.	1955
	In wells during dry season; ---; 175	Lewis	1956a.
	Mud puddles with seepages and foliage debris; ---; 186	Grjebine	1954
	Stagnant water; ---; 214	Pereira	1946
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Boats, canoes, artificial containers; houses; 226	Dalziel	1920
	Dirty water in rock holes, swamps, ditches; ---; 226	Zumpt	1937
	Water polluted by organic matter; ---; 226	Bruce-Chwatt	1957
	Rock pools; ---; 226	Philip	1962
	Tree holes; ---; 226	Boorman & Service	1960
	---; Mar., May-Dec., feed throughout night; 226°	Service	1963
	---; ---; 267	Senevet & Andarelli	1959
	Sunny clear water in irrigation ditch, shallow sandy water hole with slightly turbid water; enter houses; 273	Kartman et al.	1947
	Rice fields; ---; 273	Hamon et al.	1956a.
	Receptacles containing water; ---; 279	Simpson	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
duttoni Theobald (cont.)	---; enters houses; 279	Gordon et al.	1932
	---; ---; 286	van Someren	1943
	Pools in cut *Miscanthidium* swamp, holes in swamps, water more commonly muddy than clear and often foul from organic matter, small pools in cut papyrus swamps, overgrown ditches in abandoned, previously cultivated papyrus swamps; ---; 320	Goma	1960
	Tree holes in lowland forest, and ground pools, leaf pools in plantations; ---; 320	Haddow et al.	1951
	Permanent or temporary stagnant water, polluted water in ditches covered with grass; ---; 322	Nieschulz et al.	1934
	---; ---; 324	Hamon	1954a.
	Streams, pools, lake shore swamps, in dry season in cement and iron water tanks, rock pools with rotting vegetation; ---; 364	Harris	1942
	Ground pools with dead leaves; in hut; 364	Smith	1955
	In water from the top of coconut palms; ---; 364	Edwards	1923a.
aethiopicus Edwards	Residual pools in water courses in dry season; ---; 13°	Lewis	1943
	Stream edges; ---; 13	Abbott	1948
	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 123, 226, 292, 320, 364. (Permanent or semi-permanent water, with or without vegetation, of lake or river margins, ditches, ponds, wells)	Edwards	1941
	---; ---; 14	Gândara	1958
	---; ---; 43, 214, 227, 292, 322. (Streams and river-side puddles)	Leeson	1958
	---; ---; 54	Stone et al.	1959
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1956
	Brooks, grassy marigots and puddles, among green filamentous algae; ---; 89	Hamon et al.	1956b.
	Hill stream pool, swamp; ---; 100	Lewis	1943a.
	Grassy edges of pools, rice furrows; in houses; 117	Bertram et al.	1958
	Swamp pools; ---; 123	Ingram	1919
	---; in dense inland forest, savannah with heavy rainfall; 156	Doucet et al.	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
ethiopicus Edwards (cont.)	Swamps; along coast, highland; 163	van Someren et al.	1955
	---; coastal, inland lowland, highland: 214	Brooke Worth & de Meillon	1960
	Open swamp; ---; 226	Hanney	1960
	Green filamentous algre on edge of marigots and rice fields; ---; 273	Hamon et al.	1956a.
	Warm pool; ---, 286	van Someren	1943
	Sedge swamps near a lake, in neglected, previously cultivated swamps; ---; 320	Goma	1960
	In littoral, swamps, permanent and seasonal inland swamps; ---; 320	Goma	1961
	---; ---; 324	Hamon	1954a.
	---; ---; 361	Mattingly	1949
fatigans Wiedemann	---; ---; 13, 44, 56, 102, 115, 117, 123, 163, 175, 186, 214, 230, 275, 286, 292, 320, 322, 364, 365. (Semi-permanent water with little or no vegetation, artificial containers, bites at night, inside and outside houses)	Edwards	1941
	---; ---; 13, 44, 57, 163, 230, 284, 320, 322*, 364. (All year, near habitations, vicious biter, carrier of *Wuchereria bancrofti*)	Bedford	1928
	---; ---; 13°. (Experimental transmission of yellow fever)	Lewis	1947
	---; ---; 14	Gândara	1958
	---; ---; 43, 214, 227, 230, 292, 322. (Foul water, some shade being necessary, cesspools, septic tanks, sewage effluents and artificial containers, bites man, indoors and outdoors, evenings and nights, experimentally capable of transmitting yellow fever)	Leeson	1958
	---; very common in intertropical regions; 44, 163, 226. In holes along river banks; in houses; 115	Galliard	1931b.
	---; common in houses; 44	Schwetz	1927
	---; domestic; 56	de Meillon	1943
	Grassy holes, sand pits, gutters, drainage ditches, artificial containers, infrequently with vegetation and in sunlight; ---; 61	Doby & Mouchet	1957 (1958)
	---; houses; 61	Rageau et al.	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *fatigans* Wiedemann (cont.)	---; naturally infected with *Wuchereria bancrofti*; 96	Manson-Bahr	1959
	---; common; 96	Gough	1914
	Artificial containers; ---; 100*	Levis	1943a.
	---; ---; 100	Mara	1946
	---; river banks; 102	Bevan	1937
	Artificial containers; houses at night; 112	Hamon	1954
	---; bites at the beginning of rainy season; 115°	Galliard	1936
	---; ---; 117*	Findlay & Devey	1936
	Artificial containers; arid sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
	Septic tanks; houses; 131	Toumanoff & Simond	1956 (1957)
	---; all over country, in dense coastal or inland forests, in savannah with light or heavy rainfall; 156	Doucet et al.	1960
	---; naturally infected with *W. bancrofti*; 163, 186, 264	Raghavan	1961
	---; in houses; 163	Heisch et al.	1956
	---; ---; 176	Vermeil	1953a.
	---; nocturnal, peak of activity earlier in the night, major vector of filariasis; 186*°	Halcrow	1956
	Wells, puddles near ravines, rock cracks; ---; 186*	Hamon	1953
	---; satisfactory development of filariae; 186	Buehns	1953
	Tree holes and bamboo cracks; ---; 186	Hamon	1954c.
	---; houses, 186	Grjebine	1954
	---; rural species, in houses and gardens, 211	d'Anfreville	1916
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Wells, boats, canoes, artificial containers; crab holes, houses; 226	Dalziel	1920
	Water collections near dwellings, brackish water, crab holes; in huts; 226	Dumpt	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
fatigans Wiedemann (cont.)	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	---; ---; 234. Artificial containers, pools, streams, dams, troughs, crab holes; abundant in most localities except in more arid parts; 322	Muspratt	1955
	---; ---; 267	Senevet & Andarelli	1959
	Artificial containers; Dec., Jan., Feb.; 273	Gretillat	1962
	---; suspected vector of dengue fever; 273	Cazanove	1932
	Ground pools; ---; 275	Harper	1947
	Wells and artificial containers; ---; 282	Leeson & Theodor	1948
	---; ---; 316	Weiss	1912
	---; Feb., Mar., May-July, Dec., in houses; 322	Edwards	1915
	Artificial container; in huts; 322	Ingram & de Mazillon	1927
	---; ---; 324	Brown	1962
	---; in houses; 361	Mattingly	1949
	Small collections of water in cesspits, cattle water holes, wells, swamp pools; enters houses particularly during dry season; 364	Harris	1942
	Water rich in decaying animal and vegetable matter; many containing *Wuchereria bancrofti*; 364	Aders	1913
	Artificial containers, steel water tanks, mango tree holes, pineapple axils; enters huts; 364°	Lumsden	1955
	---; naturally and experimentally infected with *W. bancrofti*; 364	Jordan & Goatley	1962
	Water from coconut palms; ---; 364	Edwards	1923
fatigans var. *nigripostris* Enderlein	---; ---; 186	Enderlein	1920
fumbriferus Edwards	Rivers, tree holes, dead leaves, *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
	---; ---; 44, 320. (Densely shaded forest pools)	Edwards	1941
flavus Ventrillon	---; ---; 186	Enderlein	1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
furlongi van Someren	Bamboo pots; bites outdoors; 163°	van Someren et al.	1955
	---; rarely bites; 163°	Teesdale	1959
galliardi Edwards	---; ---; 44, 115, 226, 279	Edwards	1941
	---; in huts; 117	Bertram et al.	1958
	---; ---; 175	Stone et al.	1959
gamma Séguy	---; ---; 8	Séguy	1924
gigantea Ventrillon	---; ---; 186	Edwards	1920a.
gilliesi Hamon & van Someren	Axil of *Pandanus* leaves; ---; 364	Hamon & van Someren	1961
grahamii Theobald	Rain pools; ---; 13	Abbott	1948
	---; ---; 14, 89, 186, 206, 319	Stone et al.	1959
	Marshy region near river; ---; 44	Vincke	1959
	---; ---; 44, 123, 226, 279, 320. (Permanent water with vegetation)	Edwards	1941
	Small pools beside crab holes; in huts, July; 117	Bertram et al.	1958
	---; acid, sandy soil, old sea bed, thick and transitional forest, open orchard bush; 123. ---; low-lying swamp area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	Pools, swamps; ---; 123	Macfie & Ingram	1923a.
	---; in dense coastal inland forest; 156	Doucet et al.	1960
	Common in swamps and pools, rare in dams, seepages, drains, pits, wells, tanks and artificial containers, exceptional in tree holes and plant axils; bites outdoors; 163°	van Someren et al.	1955
	---, Jan., Aug., Dec., bites occasionally; 163°	Teesdale	1959
	Pond; very rare; 163	Service	1958a.
	---; June-Dec., in bush; 163	van Someren et al	1958
	Ground pools, sand pit filled by overflowing river, clear ditch water; ---; 175	Peters	1956
	Rock pools, small, temporary ponds; ---; 226	Hanney	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *grahamii* Theobald (cont.)	Wells; houses; 226	Dalziel	1920
	Rice fields, grassy pools; ---; 273	Hamon et al.	1956a.
	Little forest pool; ---; 307	Hamon et al.	1956b.
	Common in clear water in peripheral zones of swamps, particularly in permanent and semi-permanent pools; ---; 320	Goma	1960
	Brick pits with clear water and some vegetation; ---; 320	Hopkins	1952
	---; lowland forest; 320	Haddow et al.	1951
	---; ---; 324	Hamon	1954a.
grahamii var. *farakoensis* Hamon	Rock pool with vegetation on edges; ---; 112	Hamon	1954 (1955)
	---; ---; 226	Stone	1963
guiarti Blanchard	---; ---; 13, 112, 117, 319, 322	Stone et al.	1959
	---; ---; 14	Gândara	1958
	Lakes, ponds with vegetation; plantations; 44, 115, 123, 226, 230	Galliard	1931
	Marshy region near river; ---; 44	Vincke	1959
	Puddles and grassy marshes, *Pistia*, in pools; ---; 89. Forest pools; ---; 307	Hamon et al.	1956b.
	---; river banks; 102	Bevan	1937
	Swamp with *Pistia stratiotes*; ---; 123	Ingram & Macfie	1917
	---; ---; 131	Toumanoff & Simond	1956 (1957)
	---; in dense coastal or inland forests; 156	Doucet et al.	1960
	Swamps, wells, streams; bites outdoors; 163°	van Someren et al.	1955
	---; June-Jan., in bush; 163	van Someren et al.	1958
	---; ---; 163, 175, 320, 364. (Permanent water with vegetation)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *guiarti* Blanchard (cont.)	In various types of ground pools, usually with clear water exposed to sun and with little vegetation, pools formed by overflow of streams in rainy season favored; in abandoned wooden buildings near breeding sites; 175	Peters	1956
	Temporary ground pools in forest clearings; ---; 175	Briscoe	1950
	Water with light current; ---; 186	Doucet	1949
	---; low vegetation in underwood of gallery forest; 206	Hamon et al.	1957 (1958)a.
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214. (Borrow pits, clear water with algae and pools with other vegetation)	Leeson	1958
	In ditches; ---; 226	Boorman & Service	1960
	---; ---; 230	Neave	1912
	Flooded fields, rice fields, marshes, grassy puddles, brooks in forest; ---; 273	Hamon et al.	1956a.
	Most frequent in peripheral zones of swamps, particularly in open permanent and semi-pemanent pools, breeding among *Utricularia* in fairly clear water of a lake-shore grass swamp, virgin and cut *Miscanthidium*, recently cut and previously burnt papyrus swamps and in slashed *Phoenix* swamps; ---; 320	Goma	1960
	In littoral swamps near dry land, at periphery of permanent inland swamps where water is clear, shallow and exposed to sunlight; ---; 320	Goma	1961
	---; lowland forest; 320	Haddow et al.	1951
	---; ---; 320°	Corbet	1963a.
	---; ---; 324	Hamon	1954a.
guiarti var. *sudanicus* Edwards	---; ---; 123, 226	Edwards	1941
hancocki Edwards	---; ---; 163, 320. (Bamboo stems)	Edwards	1941
harleyi Peters	Leaf axils of *Pandanus*; ---; 175	Peters	1956
hopkinsi Edwards	---; ---; 44	Stone et al.	1959
	---; ---; 163, 320. (Rock pools)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
hopkinsi Edwards (cont.)	Ground pools; ---; 320	Edwards & Cibbins	1939
horridus Edwards	---; ---, 13, 44, 123, 163, 226, 279, 292, 320, 364, 365. (Tree holes, bamboo stems, in houses)	Edwards	1941
	---; ---; 14	Gândara	1958
	Marshy region near river; ---; 44	Vincke	1959
	---; ---; 54, 61, 206, 227, 319	Stone et al.	1959
	---; forest gallery; 89	Hamon et al.	1956b.
	---; in dense coastal forest; 156	Doucet et al.	1960
	---; July-Dec., bites outdoors; 163°	Teesdale	1959
	---; in tree holes in the bush; 175	Peters	1956
	---; tree holes; 186	Grjebine	1954
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Tree breeder: ---; 226	Zumpt	1937
	---; Apr.-May, July-Sept., Dec.; 226*	Service	1963
	---; enters houses; 279	Gordon et al.	1932
	---; bites day and night in lowland forest and in plantations; 320°	Haddow et al.	1951
	Tree holes; rare; 320	Muspratt	1955
	---; ground holes in riverine forest; 322	Brooke Worth & Paterson	1961
	Tree holes in forest gallery; ---; 324	Hamon	1954a.
	Bamboo traps in tree shade, stone lined wells; ---; 364	Harris	1942
	Water from coconut palms; ---; 364	Edwards	1923
horridus var. *rageaui* (Hamon & Rickenbach)	---; ---; 61, 89 324	Stone et al.	1959
	---; Dec.-Mar.; 156	Doucet	1961 (1962)
hortensis Ficalbi	Stagnant and polluted water courses; ---; 8	Clastrier	1936
	---; May-June, Aug.-Sept., Nov.; 8	Senevet & Andarelli	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
hortensis Filcalbi (cont.)	---; in houses; 8	Villeneuve	1919
	Reservoirs and pools of clear water covered by vegetation; wooded areas; 63	Braga	19[illegible]
	---; Feb.; 63. ---; ---; 112. (In ponds)	Séguy	19[illegible]
	---; Aug.; 63. Pools in stream beds; July; 187	Christophers	[illegible]
	Clear water with vegetation; ---; 211	Charrier	19[illegible]
	In mountains; ---; 211	Callot	1947
	---; ---, 316	Séguy	1924
hortensis madarensis Mattingly	---; ---; 187	Stone et al.	1959
inconspicuousus (Theobald)	---; ---; 13, 44, 115, 123, 279, 292, 320, 364. (Permanent pools with little or no vegetation)	Edwards	1941
	---; ---; 14	Gândara	1958
	Marshy region near river; ---; 44	Vincke	1959
	---; ---; 54, 206, 227, 248, 319	Stone et al.	1959
	Lakes, ferryboat; ---; 61. (In *Pistia* in shaded zones of brooks with slow current)	Rageau & Adam	1953
	Banks and residual puddles of streams among floating vegetable debris; ---; 89	Hamon et al.	1956b.
	Rivers with dense vegetation; ---; 112	Hamon	1954
	Edges of grassy and shallow stream; ---; 117	Bertram et al.	1958
	Pools with *Pistia*; ---; 123	Macfie & Ingram	1923
	---; in houses; 123	Macfie & Ingram	1916a,
	---; in dense coastal and inland forests, in savannah with heavy rainfall; 156	Doucet et al.	1960
	---; Dec., Mar.; 156	Doucet	1961 (1962)
	Common in wells, swamps, rare in drains, streams, pits, pools and rock holes; bites outdoors; 163°	van Someren et al.	1955
	---; bites rarely; 163°	Teesdale	1959
	At edges of shaded streams and in drains from shallow well; tr[illegible] holes; 175	Peters	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
inconspicuosus (Theobald) (cont.)	---; highland; 214	Brooke Worth & de Maillon	1960
	Crab holes; ---; 226. ---; Mar. and Apr.; 322	Bedford	1928
	Streams, among vegetation; ---; 226	Boorman	1961
	---; in forest; 226	Hanney	1960
	---; July-Aug.; 226	Mattingly	1949a.
	---; ---; 267	da Costa Pinhão & da Costa Mourão	1961
	Rice fields; ---; 273	Hamon et al.	1956a.
	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	Clear water in swamp or stream bed pools; ---; 322	Ingram & de Maillon	1927
	Shaded woodland pool; ---; 322	Brooke Worth & Paterson	1961
	---; ---; 324	Hamon	1954a.
	Water holes, seepage pools, marshes and river backwater; ---; 364	Harris	1942
ingrami Edwards	---; ---; 13, 115, 206, 319	Stone et al.	1959
	---; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 44, 123, 320. (Semi-permanent water with little or no vegetation)	Edwards	1941
	Flooded forest paths, grassy holes, muddy puddles, sand pits, depressions, sunny, little vegetation; ---; 61	Doby & Mouchet	1957 (1958)
	Rock pool in forest gallery; ---; 102	Ovazza et al.	1956
	Artificial containers, banana leaf axils, fallen leaves, ground pools; ---; 123	Surtees	1958
	Small pool in borrow pit; ---; 123	Macfie & Ingram	1923a.
	---; ---; 131	Toumanoff & Simond	1956 (1957)
	---; throughout country, in dense coastal or inland forests, in savannah of light or heavy rainfall; 156	Doucet et al.	1960

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
inconspicuosus (Theobald) (cont.)	---; highland; 2[illegible]	Brooke Worth & de Meillon	1960
	Crab holes; ---; 226. ---; Mar. and Apr.; 322	Bedford	1928
	Streams, among vegetation; ---; 226	Boorman	1961
	--; in forest; 226	Hanney	1960
	---; July-Aug.; 226	Mattingly	1949a.
	---; 267	Costa Finhão & Costa Mourão	1961
	fields; ---; 273	Hamon et al.	1956a.
	s, streams, swamps, dams, troughs, crab holes; 322	Muspratt	1955
	ar water in swamp or stream bed pools; ---; 322	Ingram & de Meillon	1927
	ded wood and pool; ---; 322	Brooke Worth & Paterson	1961
	---; ---; 3[illegible]	Hamon	1954a.
	Water holes, seepage pools, marshes and river backwater; ---; 364	Harris	1942
ingrami Edwards	--- ---; 13, 115, 206, 319	Stone et al.	1959
	---; ---; 14	Brooke Worth & Paterson	1961
	--; ---; 44, 123, 320. (Semi-permanent water with little or no vegetation)	Edwards	1941
	Flooded forest paths, grassy holes, muddy puddles, sand pits, depressions, sunny, little vegetation; ---; 61	Doby & Mouchet	1957 (1958)
	Rock pool in forest gallery; ---; 102	Ovazza et al.	1956
	Artificial containers, banana leaf axils, fallen leaves, ground pools; ---; 123	Surtees	1958
	Small pool in borrow pit; ---; 123	Macfie & Ingram	1923
	---; ---; 131	Toumanoff & Simond	1956 (1957)
	---; throughout country, in dense coastal or inland forests, in savannah of light or heavy rainfall; 156	Doucet et al.	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
ingrami Edwards (cont.)	Pools; ---; 163	Service	1958a.
	In most kinds of temporary ground pools, ditches and drains containing fresh water; ---; 175	Peters	1956
	---; ---; 226	Mattingly	1947
	---; ---; 279	Lewis	1956c.
	Forest ground pools; lowland forest; 320	Haddow et al.	1951
	Somewhat uncommon in swamp pools; ---; 320	Goma	1960
	Littoral swamps; ---; 320	Goma	1961
insatiabilis Bigot	---; ---; 186	Enderlein	1920
insignis (Carter)	---; ---; 13, 44, 123, 186, 214, 226, 230, 279, 320. (Permanent water with vegetation, rock pools)	Edwards	1941
	---; ---; 14. ---; ground holes in "riverine" forest; 322	Brooke Worth & Paterson	1961
	---; ---; 89	Hamon et al.	1955b.
	---; ---; 115, 206	Hamon et al.	1957 (1958)a.
	---; arid sandy soil, old sea bed, thick and transitional forest; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	Crab holes along river; ---; 123	Macfie & Ingram	1916
	Edge of furrows; in houses; 163	van Someren et al.	1955
	Shaded rock cracks, water with vegetation; ---; 186	Hamon	1954c.
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Artificial containers; ---; 226	Connal	1926a.
	Crab holes; ---; 226	Hanney	1960
	Littoral swamps; ---; 320	Goma	1961
	Swamp: ---; 320	Goma	1960
	---; lowland forest; 320	Haddow et al.	1951
	---; active at night; 320	Corbet & Haddow	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
insignis (Carter) (cont.)	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 324	Stone et al.	1959
	Swamp area; ---; 364	Aders	1917a.
invidiosus Theobald	---; ---; 13, 44, 123, 226, 279, 320, 364. (Semi-permanent water with little or no vegetation, in houses)	Edwards	1941
	---; ---; 14	GAnders	1958
	---; ---; 57	Macfie & Ingram	1920
	---; houses, crab holes; 89	Hamon et al.	1956b.
	Infiltration water, stagnant canals and debris; ---; 96	Storey	1919
	Running and muddy water, residual ponds, pit pans along rivers; in houses, in forests or savannahs during dry season; 115	Galliard	1931b.
	---; ---; 117	Bertram et al.	1958
	---; thick and transitional forest, open orchard bush, arid sandy soil, old sea bed; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; Dec.; 156	Doucet	1961 (1962)
	Common in wells, streams and swamps, rare in pools, rock holes, drains and pits, exceptional in tree holes, bamboo pots and artificial containers, tanks inside building, highland, bites outdoors; 163°	van Someren et al.	1955
	---; Sept., Nov., Dec., bites occasionally; 163°	Teesdale	1959
	---; May-Jan., Mar., in bush; 163	van Someren et al.	1958
	Ground pools including roadside ditches with turbid stagnant water, disused pits and well with clean water; on swampy grounds and in a house; 175	Peters	1956
	Edge of small fresh-water swamps surrounded by salt-water marshes; ---; 226	Gilroy & Bruce-Chwatt	1945
	Artificial containers; ---; 226	Dalziel	1920
	---; ---; 230	Edwards	1912
	Sunny turbid water of high organic content in grassy pool; ---; 273	Kartman et al.	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
invidiosus Theobald (cont.)	---; wooded zone; 273	Hamon et al.	1956a.
	Edges of swamps; ---; 320	Goma	1960
	---; lowland forest and plantations; 320	Haddow et al.	1951
	Swamps; ---; 364	Aders	1917a.
invidiosus var. *vexillatus* Edwards	Fresh water in pig wallows; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 44, 226, 320	Edwards	1941
	---; ---; 206	Stone et al.	1959
invidiosus vicinalis de Meillon & Lavoipierre	---; ---; 44	de Meillon & Lavoipierre	1944
iracundus Walker	---; ---; 186	Hamon	1954c.
iridescens (Lutz)	---; ---; 186	Hamon	1954c.
kanyamwerima van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
kilara van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
kingianus Edwards	---; ---; 13, 44, 320. (Permanent forest pools with vegetation)	Edwards	1941
	---; ---; 61	Stone	1961
	---; ---; 123, 226	Edwards	1922
	---; dense coastal forest; 156	Doucet et al.	1960
	---; Feb.; 156	Doucet	1963 (1962)
	Swamps with fresh water and aquatic plants; ---; 186	Grjebine	1954
	---; ---; 319	Stone et al.	1959
	Pools in virgin and slashed *Phoenix*, virgin *Miscanthidium* swamps, papyrus swamps burnt earlier; ---; 320	Goma	1960
	---; lowland forest, rare; 320	Haddow et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
kirkpatriki Edwards	Rock holes containing polluted rain water; ---; 96	Edwards	1926b.
laplantei (Ramon, Adam & Mouchet)	---; ---; 61	Stone et al.	1959
latioinotus Edwards	Marshes of stagnant water in intermittently flowing river, stonework reservoirs with vegetation, exposed to sun, small pools of dried-up bed of stream; ---; 8	Clastrier	1936
	---; abundant Sept.-Oct.; 8. ---; ---; 14. (Accidentally domestic). ---; Jan.; 316	Séguy	1924
	---; Jan., June; 8	Senevet & Anderwalli	1960
	---; Aug. and Sept.; 8	Senevet	1936
	---; in houses; 8	Clastrier & Senevet	1961
	Wells and pools in streams, rock pools, artificial containers, wells, deep rock clefts; ---; 13. Tanks and pools in streams, drains, wells, barrels; ---; 100. ---; ---; 163	Lewis	1956a.
	---; ---; 13, 286. (Permanent water with little or no vegetation)	Edwards	1941
	---; ---; 44, 360	de Meillon & Lavoipierre	1944
	---; in houses, Jan.; 63	Séguy	1921
	---; Aug.; 63	Christophers	1929
	---; ---; 71	Rioux	1959
	Artificial pools and containers, sakia pools; domestic, peak Aug.-Sept.; 96	Kirkpatrick	1925
	Shallow borrow pits with stagnant brackish water, disused shallow wells; ---; 96	Abdel-Malek	1956
	---; ---; 102	Stone et al.	1959
	---; ---; 112	Séguy	1925
	---, ---; 176	Goodwin	1961
	---; ---; 206	Séguy	1921
	---; ---; 211	Senevet	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
laticinctus Edwards (cont.)	Well, rock holes, seepages; --; 282	Leeson & Theodor	1946
	Shallow wells of fresh water; ---; 284	Bailly-Choumara	1960
	Warm springs, well; ---; 284	van Someren	1943
	---; oasis near sea in pool of spring fed water with little vegetation, Dec.; 316	Vermeil	1953
laurenti Newstead	On board ships in rivers; vicious biter; 44*	Bequaert	1930
	Lake shore with *Pistia* and grasses; ---; 44	Schwetz	1927
	Rice fields, small irrigation channels and drains in rice fields; enters houses, bites outdoors, usually at night; 96*	Kirkpatrick	1925
	---; ---; 96	Edwards	1921a.
	---; ---; 163	Anderson	1924
	---; ---; 186	Edwards	1920a.
	---; ---; 226	Phillip	1931
	---; in houses; 320	Gibbins	1932
	Pools, ponds, swamps and streams with algae, pools at base of piers; ---; 322	Ingram & de Meillon	1927
	Swamps, water holes; ---; 364	Aders	1917a.
liberiensis Peters	*Pandanus* leaf axils; ---; 44	Laarman	1959a.
	Pandanus leaf axils; ---; 175	Peters	1956
macfiei Edwards	Tree hole; ---; 13	Lewis	1954
	Dead leaves, tree holes, *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
	Marshy region near river; ---; 44	Vincke	1959
	---; Sept.-Oct.; 61	Rageau & Adam	1953
	Tree crevices; ---; 89	Hamon et al.	1956b.
	Tree holes; ---; 123	Macfie & Ingram	1923a.
	---; in dense coastal forests; 156	Doucet et al.	1960
	---; Feb.; 156	Doucet	1961 (1962)

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
macfiei Edwards (cont.)	---; ---; 163	Gerchem et al.	1946
	Tree holes predominantly; ---; 175	Peters	1956
	---; ---; 226, 279, 320. (Tree holes)	Edwards	1941
	---; ---; 267, 319	Stone et al.	1959
	Artificial containers; ---, 273	Hamon et al.	1956a.
	Forest tree holes; bites by day in lowland forest; 320°	Haddow et al.	1951
	---; ---; 324	Hamon	1954a.
mauritanicus Callot	---; ---; 211	Stone et al.	1959
milloti Doucet	Water with vegetation, foul water; ---; 186	Doucet	1949a.
minettiens Noé	Water courses, marshes; Sept.; 8	Senevet	1936
	Small pools in dried-up beds of streams; ---; 8	Clastrier	1936
	Mountain streams; ---; 8	Collignon	1936
	---; Feb., June-Sept.; 8	Senevet & Andarelli	1960
	---; ---; 316	Senevet & Prunelle	1928
minutus var. *tarsalis* Newstead	---; ---; 44	Bequaert	1913
mirifieus Edwards	---; ---; 54	Edwards	1913
	Shallow water around edges of lake full of decaying vegetable matter; ---; 163	Hopkins	1952
	Inland, salt or alkaline areas; ---; 163	Edwards	1941
modestus Ficalbi	---; Aug.-Sept.; 8. (In woods and thickets, in houses, bites by day, sunset and night)	Séguy	1924
	---; ---; 96	Barraud	1921
mongiro van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
mouchati Evans	---; ---; 13	Stone et al.	1959
	Tree holes; ---; 44, 226, 320	Edwards	1941
	Banana axils; ---; 61	Hopkins	1952

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
moucheti Evans (cont.)	---; Mar., Apr., Nov.; 61	Rageau & Adam	1953
	Tree holes, fallen leaves; ---; 163	van Someren et al.	1955
	Rain water in tree stumps, permanent pools, coastal savannah, artificial containers; in abandoned building; 175	Peters	1956
	Pots with water polluted by organic matter; ---; 226	Bruce-Chwatt	1957
	Native pit latrine; lowland forest plantation, bites by day; 320°	Haddow et al.	1951
	---; in forest; 320	Haddow et al.	1961
mundulus Grünberg	---; ---; 61	Stone	1961
	---; ---; 226	Stone et al.	1959
musarum Edwards	---; ---; 44, 163. (Leaf axils)	Edwards	1941
	Plant axils; ---; 102	Giaquinto-Mira	1950
	Artificial containers; ---; 226	Elliot	1955
	Plant axils in highland forest and plantations; ---; 320	Haddow et al.	1951
	---; ---; 361	Mattingly	1949
muspratti Hamon & Lambrecht	---; ---; 44	Stone	1961
nakuruensis Mattingly	---; ---; 163	Stone et al.	1959
neavei Theobald	---; ---; 54, 320	Edwards	1914
	---; ---; 163	Anderson	1924
nebulosus Theobald	Water vessels; ---; 13°	Lewis	1943
	---; ---; 13, 44, 115, 117, 123, 175, 320, 365. (Tree holes, artificial containers)	Edwards	1941
	---; ---; 14	Gândara	1958
	---; ---; 43, 227, 292. (Tree holes, barrels, tanks, leaf axils, other containers)	Leeson	1958
	In rivers, ---; 44	Lambrecht & Zaghi	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *nebulosus* Theobald (cont.)	---; ---; 56. Tree holes, artificial containers, leaf axils of *Strelitzia*; common and widely distributed; 322	Muspratt	1955
	---; ---; 57	Mattingly	1962
	---; in houses; 61	Rageau et al.	1953
	Artificial containers, tree crevices, indigo pits; houses; 89. ---; houses; 307	Hamon et al.	1956b.
	Tree holes with polluted water, leaf axils in savannah; ---; 102	Ovazza et al.	1956
	Artificial containers; in houses; 117	Bertram et al.	1958
	Artificial containers, fallen leaves, flower heads of *Heliconia*, pineapple leaf axils; ---; 123	Surtees	1958
	---; ---; 131	Peters	1955
	---; in dense coastal or inland forest, and savannah of light or heavy rainfall; all year; 156	Doucet et al.	1960
	Common in tree holes, occasionally in bamboo pots, coconut shells and steps cut in coconut palms, rare in seed pods, pits, wells, tanks, rock holes and tins; bites outdoors and indoors; 163°	van Someren et al.	1955
	Tree holes, artificial containers; ---; 163	Lumsden	1955
	---; Jan., Nov., Dec., bites occasionally; 163°	Teesdale	1959
	Tree stumps and hollowed logs, foul water in septic tanks and artificial containers; frequently in houses and latrines; 175	Peters	1956
	Banana stems, rot holes; ---; 175	Roseboom & Burgess	1962
	Tree holes; ---; 186	Grjebine	1954
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Tree holes, artificial containers; in houses, rarely bites; 226°	Kerr	1933
	Drainage canals, roof gutters, wells, pools, crab holes, sump pits; ---; 226	Bauer	1928
	Cut bamboo, shells, latrines, fallen cocoa pods; ---; 226	Zumpt	1937
	Bamboo pots; ---; 226	Boorman	1961
	Rock pools; ---; 226	Philip	1962

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *nebulosus* Theobald (cont.)	---; Aug.-Oct., Dec.; 226	Service	1963
	---; Dec.-Feb.; 226	Connal	1926
	Tree holes; ---; 227	Muspratt	1945
	Tree holes, artificial containers; houses; 273	Hamon et al.	1956a.
	Clear water in baobab tree holes; on branches near tree holes; 273	Kartman et al.	1947
	Banana tree, old mortar, near river, tree holes, artificial containers, streams; ---; 279	Evans	1925
	---; common; 279, 320. ---; ---; 292	Bequaert	1930
	---, enters houses; 279	Hicks	1932
	Bamboo, plant axils, forest leaves and ground pools; lowland and highland forests and plantations; 320	Haddow et al.	1951
	---; in houses; 320	Corbet	1964a.
	Latrine; bush, in houses, May and June; 322	Bedford	1928
	Tree holes in forest; forest; 322	Ingram & de Meillon	1927
	---; ---; 324	Hamon	1954a.
	Water from coconut palm; ---; 364	Edwards	1923a.
nebulosus var. *pseudocinereus* Theobald	---; ---; 13, 56. Tree holes, artificial containers, leaf axils of *Strilitzia*; common and widely distributed; 322	Muspratt	1955
	---; ---; 43, 227, 292. (Tree holes, leaf axils, artificial containers)	Leeson	1958
	Tree holes, artificial containers; ---; 44, 230, 292	Edwards	1941
	---; ---; 61	Rageau & Adam	1953
	---; ---; 226	Stone et al.	1959
	Small collections of rain water, tree holes, water barrels, tins; ---; 364	Harris	1942
neireti Ventrillon	---; ---; 186	Enderlein	1920
ninagongoensis Edwards	On mountains, small hole with spring water amidst lava rocks; ---; 44	Bequaert	1930
	---; ---; 44, 320. (Permanent water with little or vegetation)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
ninagongoensis Edwards (cont.)	Swamp at about 8,000 feet, numerous in peripheral pools of sphagnum swamp in the crater of mountain at about 11,100 feet, at lower altitudes in papyrus swamp at 6,000 to 7,000 feet; a high-altitude species; 320	Goma	1960
nyangae Galliard	Water with slow current and silk-weeds; ---; 115	Galliard	1931
ornatothoracis Theobald	---; ---; 14	Brooke Worth & Paterson	1961
	---, ---; 123	Edwards	1941
	---; coast and highland; 163	van Someren et al.	1955
	---; ---; 226	Simpson	1912
	---; bites by day in lowland forest and plantations; 320°	Haddow et al.	1951
pallidocephalus Theobald	---; ---; 13, 163	Edwards	1913
	---; common; 96	Gough	1914
	---; ---; 230, 320	Bedford	1928
	---; Sept.; 322	Edwards	1915
perexiguus Theobald	---; ---; 8	Senevet	1936
	Borrow pits and pools, not always with water-weeds or reeds, sakia pits, stagnant drains, canals, old wells, tanks, rice fields; peak Sept.-Nov., enters houses, bites man; 96°	Kirkpatrick	1925
	---; ---; 96	Edwards	1921a.
	Shallow muddy water with grasses near the causeway over the stream; ---; 117	Bertram et al.	1958
	---; ---; 292, 322. (In houses, bite)	Séguy	1924
perfidiosus Edwards	Semi-permanent water with little or no vegetation, forest pools; ---; 44, 115, 123, 226	Edwards	1941
	Stagnant water in forest, dugout boats along rivers; ---; 44, 115, 226	Galliard	1931
	Marshy region near river; ---; 44	Vincke	1959
	On board ships in rivers; ---; 44	Bequaert	1930
	---; ---; 61, 319	Stone et al.	1959

TABLE 1 -- MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *perfidiosus* Edwards (cont.)	Muddy pools in rice fields, artificial containers; ---; 123	Surtees	1958
	---; in dense coastal forests in savannahs; 156	Doucet et al.	1960
	Grassy pools in ditches; ---; 175	Peters	1956
	---; muddy water without vegetation; 186	Doucet	1949
	---; forest gallery under overhang of steep bank; 206	Hamon et al.	1957 (1958)a.
	---; ---; 227. (Forest pools)	Leeson	1958
perfuscus Edwards	Artificial containers; ---; 13	Abbott	1948
	---; ---; 13, 44, 115, 123, 226, 230, 279, 320. (Semi-permanent water with vegetation, forest pools)	Edwards	1941
	---; ---; 54, 226, 230. Water in forest with green algae, putrid, residual ponds in the wood, small rivers or lakes, river banks with slow current and pit pans; in houses; 115	Galliard	1931b.
	Marshes encumbered with vegetation, edge of lakes, grassy holes, mud puddles, tire tracks, sand pits, cassava holes, sometimes in sunlight; ---; 61	Doby & Mouchet	1957 (1958)
	Grassy pools, temporary puddles, residual puddles of streams; ---; 89. ---; ---; 307	Hamon et al.	1956b.
	---; forest; 102	Ovazza et al.	1956
	---; ---; 111, 175	Stone et al.	1959
	---; in dense coastal or inland forest, and savannah; 156	Doucet et al.	1960
	Swamps; bites indoors and outdoors; 163°	van Someren et al.	1955
	---; May-Jan., in bush, in houses; 163	van Someren et al.	1958
	---; bites rarely; 163°	Teesdale	1959
	---; coastal, highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 230. (Forest pools and streams)	Leeson	1958
	In swamp, overgrown ditches in an abandoned previously cultivated high-altitude papyrus swamp, on shores of lake, water with iridescent ferruginous surface scums and containing reddish-brown flocculence; ---; 320	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
perfuscus Edwards (cont.)	---; lowlands, forest, and plantations; 320	Haddow et al.	1951
	---; ---; 322	Brooke Worth & Paterson	1961
	---; indoors; 364°	Aders	1917a.
	---; ---; 364	Harris	1942
paringusyi Edwards	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
philipi Edwards	---; ---; 89	Hamon et al.	1956b.
	---; in huts, July; 117	Bertram et al.	1958
	---; ---; 123, 226, 279. (Crab holes, artificial containers)	Edwards	1941
	---; in coastal dense forest and savannah; 156	Doucet et al.	1960
	---; ---; 273	Stone et al.	1959
pipiens Linnaeus	---; ---; 4, 163. (Tubs, water barrels). ---; Sept. and Oct.; 322	Bedford	1928
	Temporary and permanent pools; common, in houses; 8	Villeneuve	1919
	Ditches with polluted water; ---; 8	Collignon	1936
	---; naturally infected with *Plasmodium relictum*; 8	Sergent & Sergent	1918
	---; all year; 8	Sergent	1936
	Man-made places; ---; 13°	Lewis	1956a.
	---; ---; 13, 14, 44, 102, 163, 186, 320, 322, 364. (Permanent water with little or no vegetation, flood and rain pools)	Edwards	1941
	Artificial containers; in houses; 44	Mattingly	1949
	Ditch; ---; 44	Schwetz	1927
	---; ---; 58. Pools, streams, swamps, dams, troughs, crab holes; common, widely distributed; 322	Muspratt	1955
	Cement tanks in gardens; in houses, Jan.-June, Aug.; 63°. ---; Jan., in houses; 187	Christophers	1929
	---; Oct., Dec.-Mar.; 63	Séguy	1921
	---; ---; 71	Rioux	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *pipiens* Linnaeus (cont.)	Sakia pits, disused wells, artificial containers, borrow pits, pools stagnant drains and irrigation canals, cesspits; enters houses, vicious biter by night and day, all year; 96°	Kirkpatrick	1925
	Common in cultivated areas, July-Oct.; 96°	Hurlbut & Weitz	1956
	Borrow pits with stagnant and polluted water, barrel, stagnant and small pool with emergent weeds and floating brown algae; ---; 96	Abdel-Malek	1956
	---; naturally infected with *Wuchereria bancrofti*; 96*	Raghavan	1961
	---; natural infection and experimental transmission of Sindris virus; 96	Taylor et al.	1955
	---; experimental infection and transmission of Western Nile virus; 96	Hurlbut	1956
	---; near human dwellings; 96	Barraud	1921
	---; common; 96	Gough	1914
	---; ---; 100	Lewis	1943a.
	Rock and ground holes, drainage canals; thickets; 102	Ovazza et al.	1956
	---; lake edges; 102	Bevan	1937
	---; abandoned wells, polluted waters; 176°	Vermeil	1953a.
	Rain water containing organic matter, sewers and the effluent from septic tanks; cow sheds; 186°	MacGregor	1927
	Stagnant and clear, muddy and slowly moving water with vegetation; ---; 186	Doucet	1949
	--- enters houses; 211	Charrier	1924a.
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	---; ---; 227, 292, 322. (Natural and artificial water collections; attack man indoors and outdoors)	Leeson	1958
	---; artificial containers; enters houses; 273	Cazanove	1932
	---; ---; 284	Tedeschi & Scalas	1934

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
pipiens Linnaeus (cont.)	In brackish streams with aquatic plants, *Chara foetida* and *Atheina filiformis* and reeds; ---; 316	Seurat	1943
	---; spring-fed pools near sea with not much vegetation, Dec.; 316	Vermeil	1953
	Tree holes and leaf pools, in lowland forest; ---; 320	Haddow et al.	1951
	Littoral swamps, permanent inland swamps; ---; 320	Goma	1961
	Swamps; ---; 320	Edwards & Gibbins	1939
	---; active at night; 320	Corbet & Haddow	1961
	---; in houses; 361	Mattingly	1949
	Swampy, marshy areas, artificial containers; ---; 364	Harris	1942
pipiens fatigans Wiedemann	Septic tanks; ---; 13°	Lewis	1956a.
	---; ---; 44*. ---; naturally infected with bancroftial filaria; 364	Smith	1955
	---; forest; 57. ---; ---; 111, 123, 279	Mattingly	1962
	---; vector of nocturnal filariasis; 96*, 163*, 364*	Manson-Bahr	1959
	---; houses, aggressive; 102°	Ovazza et al.	1956
	---; July-Aug.; 117	Bertram et al.	1958
	---; in houses; 131	Kramer	1960
	Outdoors: wells and tree holes, seed pods, bamboo pots, artificial containers, tanks, swamps, dams and pits, rare in brackish pools. Indoors: pit latrines and cesspools, drains and tanks, rarely in artificial containers; bites indoors and outdoors; 163°	van Someren et al.	1955
	---; in houses, anthropophilic, naturally and experimentally infected with *Wuchereria bancrofti*; 163*	Heisch et al.	1959
	---; May, Sept.-Mar., in bush, houses, mainly nocturnal but bites by day, biting peak in second half of night; 163°	van Someren et al.	1958
	---; common; 175°	Peters	1956
	All small and medium-sized water collections rich in organic debris, cut bamboo stems, tree and rock cracks, polluted artificial containers, polluted stream and ponds; in houses, all year, bites especially middle of night; 186°	Hamon	1954c.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
pipiens fatigans Wiedemann (cont.)	Crab holes; bites outdoors and in houses day and night, peak midnight; 186*	Hamon	1956
	---; all year, huts, grain bins, near wells, dry pots, zana matting tree holes, rodent holes; 226*	Service	1963
	Sunken pools and wells, small ground pools, tree holes; rarely bites man; 275*	Mattingly & Brown	1955
	Pools in the edge of swamps; ---; 320	Goma	1960
	---; villages of the bush; 324. (Naturally infected with *Wuchereria bancrofti*)	Hamon et al.	1958
	---; ---; 364*	Smith & Brausby-Williams	1962
pipiens molestus Forskål	---; ---; 8, 96, 316	Stone et al.	1959
	Pools, wells, bilge water of barges, pit latrines; Apr., June, and Dec.; 13*	Lewis	1945
pipiens pipiens Linnaeus	---; ---; 14, 322	Brooke Worth & Paterson	1961
	---; ---; 163	Lumsden	1955
	Pools at edges of swamps, swamps, in recently cut and regenerating papyrus areas, lake shore swamps and in abandoned previously cultivated papyrus swamps, a mixed fern-*Typha*-sedge-papyrus swamp near lake, pools, pools in cut and virgin *Miscanthidium* swamps, clear water or with irridescent ferruginous surface scums and containing brown flocculence; ---; 320	Goma	1960
pipiens quinquifasciatus Say	---; ---; 292*	McIntosh et al.	1963
pipiens var. *zombaensis* Theobald	---; ---; 54, 227, 230, 320, 364	Neave	1912
pluvialis Kirkpatrick	Rock pools with clear fresh rain water; ---; 96	Kirkpatrick	1925
poicilipes (Theobald)	Swamps; ---; 13	Lewis	1948
	---; bites mainly at night; 13*	Lewis	1947
	---; ---; 13, 14, 44, 102, 117, 123, 156, 186, 216, 226, 227, 292, 320, 322, 364. (In permanent water with little or no vegetation)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *potoilipes* (Theobald) (cont.)	---; ---; 43, 214, 227, 292, 322. (In ground pools with vegetation and borrow pits, usually exposed to sunlight; bite man day and night, indoors and outdoors, suspected of harbouring the virus of yellow fever)	Leeson	1958
	Marshy region near river; marshy region near river; 44	Vincke	1959
	---; ---; 56. Pools, streams, swamps, troughs, crab holes; rare; 322	Muspratt	1955
	Pistia, pools, grassy marshes, streams, grassy marigots; Nov., Dec., bites at sunset; 89*	Hamon et al.	1955b.
	---; houses, crab holes; 89	Hamon	1954b.
	---; ---; 100	Lewis	1943a.
	Holes in ground, gardens, irrigation canals in sugar cane plantation; ---; 102	Ovazza et al.	1956
	---; lake edges; 102	Bevan	1937
	In roots and floating grasses on river edge in forest galleries, muddy, light current, rice fields with dense vegetation; ---; 112	Hamon	1954
	Hoof prints heavily shaded with grass and green algae, rice fields; in houses; 117	Bertram et al.	1958
	---; in dense coastal or inland forest; 156	Doucet et al.	1960
	---; Dec., Mar.; 156	Doucet	1961 (1962)
	Swamps, pools, streams, drains and pits; bites outdoors, enters houses; 163*	van Someren et al.	1955
	---; June-Feb., in bush; 163	van Someren et al.	1958
	---; bites rarely; 163*	Teesdale	1959
	Turbid, clear and slow moving water, edge of canal with vegetation; ---; 186	Doucet	1949
	Algae on vegetation debris floating near banks of ponds, flooded fields; ---; 186	Hamon	1954c.
	Large pool with vegetation; ---; 186	Grjebine	1954
	---; ---; 186*	Hamon	1956
	---; coastal, inland lowland, riverine, highland; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *poicilipes* (Theobald) (cont.)	---; Jan.-Apr., Nov.; bites at night, ground pools and borrow pits; 226°	Hanney	1960
	---; Feb.-Sept., Dec.; 226	Service	1963
	---; June-Nov.; 226	Mattingly	1949b.
	Grassy rice fields; ---; 273	Hamon et al.	1956a.
	---; ---; 292°	McIntosh et al.	1963
	Prefers clean water, frequent in lake shore swamps and the river swamps, among *Pistia* and *Ceratophyllum*, occasionally in very foul and turbid water, scanty in swamps with green filamentous larvae; ---; 320	Gorsa	1960
	---; lowland forest, plantations and canopy, bites by day and night; 320°	Haddow et al.	1951
	---; near lake shore, bites readily after sunset, ground level feeders; 322°	de Meillon et al.	1957
	---; ---; 324	Hamon	1954a.
	River pool; railway car; 364	Harris	1942
	In swamps, stagnant pools with algae, amongst reeds and *Pistia* plants; ---; 364°	Smith	1955
pruina Theobald	---; ---; 13, 131, 206, 319	Stone et al.	1959
	Rock pools, crab holes, artificial containers; ---; 44, 115, 123, 175, 226, 365	Edwards	1941
	Mud puddles, depressions, Cassara holes, not found with vegetation; ---; 61	Doby & Mouchet	1957 (1958)
	Residual ponds; ---; 115. (Very common and domestic)	Galliard	1931
	Water hole with decaying vegetable matter; ---; 123	Macfie & Ingram	1916
	---; dense coastal and inland forests, savannahs; 156	Doucet et al.	1960
	---; found biting in forest; 163°	Garnham et al.	1946
	In several types of water, clear, chalky water in shallow well and bowls, foul grassy water in small hole in ground used for washing palm nuts; tree holes; 175	Peters	1956
	Holes of fallen trees in forest clearings; ---; 175	Bequaert	1930
	In ditches, tree holes, snail shells, puddles; ---; 226	Boorman & Service	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
pruina Theobald (cont.)	---; ---; 279	Simpson	1913
	Forest ground pools; forest, plantations and canopy, bites by day and night; 320*	Haddow et al.	1951
pruina eschirasi Galliard	---; ---; 61	Rageau & Adam	1953
	Permanent water with little or no vegetation; ---; 115	Edwards	1941
	Stagnant water along banks of streams; ---; 115	Galliard	1931
	---; in dense inland forest, savannah; 156	Doucet et al.	1960
	---; ---; 206, 319, 320	Stone et al.	1959
	---; ---; 226	Mattingly	1947
pseudopruina van Someren	---; lowland forest; 320	Haddow et al.	1951
pulchrithorax Edwards	---; ---; 64. ---; rare; 322	Muspratt	1955
	---; ---; 214	Edwards	1941
	---; in houses, Oct. and Sept.; 322	Bedford	1928
pusillus Macquart	Clean, moving water, pool with vegetation, well drains; ---; 8	Senevet	1947
	Artificial containers; ---; 8	Séguy	1924
	Seepage pools caused partly by high river levels due to the action of Aswan Dam; ---; 13	Lewis	1954
	Pools with or without reeds, reedy edges of large pools, stagnant salt drains, wells, sakia pits, salt pools, stagnant canals; all year, peak Sept.-Nov.; 96	Kirkpatrick	1925
	In seepage water, drains, channels with high concentration of salts; abundant all year except in Dec.-Mar.; 96	Gad	1956
	Wide well with vegetation; ---; 176	Vermeil	1953a.
	---; spring-fed pool near sea, without much vegetation, Dec.; 316	Vermeil	1953
pyrenaicus Brolemann	---; ---; 8, 316. (Grassy pools, clear water, pools without vegetation)	Séguy	1924
	---; ---; 63	Germer & Behrens	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
quasigelidus Theobald	---; ---; 13, 186, 225. Rice fields, drains, pools with thick growth of water weeds, sakia pits; peak in July, enters houses; 96	Kirkpatrick	1925
	---; ---; 14, 112, 117. (In grassy pools)	Séguy	1924
	Lake shore among *Pistia* and grasses; ---; 44	Schwetz	1927
	On boats in rivers; ---; 44	Bequaert	1930
	Small pool with *Pistia*; ---; 56. ---; ---; 206	Bedford	1928
	---; ---; 102	Giaquinto-Mira	19[illegible]
	Borrow pits with clear water, overhung with grass and covered with algae; Oct.-Dec.; 123	Ingram	19[illegible]2
	Ponds with *Pistia*; ---; 123	Zetek	1920
	---; arid sandy soil, old sea bed, open orchard bush; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; in houses; 226	Dalziel	1920
	---; ---; 230, 320	Neave	1912
	Edges of small lake; ---; 322	Ingram & de Meillon	1927
quasiguiarti Theobald	---; ---; 44	Stone et al.	1959
	---; forest near marshes; 102	Ovazza et al.	1956
	---; ---; coast and highland; 163	van Someren et al.	1955
	---; ---; 186	Edwards	1941
	Littoral swamps; ---; 320	Goma	1961
	In a swamp; ---; 320	Goma	1960
	---; bites by day in lowland forest and plantations; 320°	Haddow et al.	1951
	---; in forest; 320	Corbet	1964a.
	---; in houses; 361	Mattingly	1949
quasimodestus Theobald	---; rare; 96	Gough	1914
quiarti (Bl.)	---; ---; 322	de Meillon et al.	1957

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *quinquefasciatus* Say	---; ---; 13, 284, 322, 364. In boats, rivers; domestic; 44. ---; common in July; 175. (Intermediary host of *Wuchereria bancrofti*)	Bequaert	1930
	Polluted drainage water, tree holes, artificial containers exposed to sun and with water covered with algae; in huts; 273	Kartman et al.	1947
richteri Ingram & de Meillon	Rock pools in riverbeds; ---; 322	Ingram & de Meillon	1927
	---; river, Mar.; 322	Bedford	1928
rima Theobald	---; ---; 44, 319	Stone et al.	1959
	---; crab holes; 89	Hamon	1954b.
	---; ---; 115. (In houses)	Edwards	1941
	Artificial containers; ---; 123. Crab holes; ---; 123, 163	Surtees	1958
	---; in dense coastal or inland forests and savannah; 156	Doucet et al.	1960
	---; Dec., Mar.; 156	Doucet	1961 (1962)
	---; in houses and tree holes; 175	Peters	1956
	Rock holes, ground holes, shaded ponds, foul water with decomposed vegetation; ---; 186°	MacGregor	1927
	---; ---; 206	Bedford	1928
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Crab holes; crab holes, houses; 226	Dalziel	1920
	Edge of fresh-water swamps surrounded by salt-water marshes; ---; 226	Gilroy & Bruce-Chwatt	1945
	---; enters houses; 279	Gordon et al.	1932
	---; ---; 320	Bequaert	1930
	Water hole in forest; ---; 322	Ingram & de Meillon	1927
	---; rare; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
rima var. *koumbai* Galliard	---; in houses; 115. ---; ---; 44, 226, 320, 322	Galliard	1931b.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY: DISTRIBUTION (GENERAL STATEMENTS)	AUHTOR	DATE
CULEX			
robici Doucet	---; ---; 186	Stone et al.	1959
rubinotus Theobald	---; ---; 13, 44, 102, 163, 320. (In permanent pools with vegetation)	Edwards	1941
	---; ---; 14, 61, 206, 227, 273, 319	Stone et al.	1959
	---; lake edge; 102	Bevan	1937
	---; in dense coastal and inland forests; 156	Doucet et al.	1960
	---; coastal; 214. ---; naturally infected with H 336, Germiston, Witwatersrand viruses; 322	Brooke Worth & de Meillon	1960
	Most regular in swamps, particularly in papyrus swamps, grass and papyrus swamps at high altitudes, very rare in river swamps, virgin or cultivated papyrus, *Phoenix miscanthidium*, higher productivity in recently cut papyrus habitats; ---; 320	Goma	1960
	In littoral swamps near dry land, in permanent inland swamps at both high and low altitudes, in seasonal inland swamp pools between mounds growing *Miscanthidium violaceum*; ---; 320	Goma	1961
	Cultivated swamps, periphery of swamps with permanent or semi-permanent pools; ---; 320	Goma	1958
	---; active at night; 320	Corbet & Haddow	1961
	---; lowland forest; 320	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; naturally infected with Witwatersrand virus; 322	McIntosh et al.	1960
	---; near lake shore; 364	Harris	1942
salisburiensis Theobald	---; ---; 13, 163, 227, 292, 322. (In permanent water with little or no vegetation, stream edges and backwater)	Edwards	1941
	---; ---; 39, 320	Stone et al.	1959
	---; ---; 43. Pools, streams, swamps, dams, troughs, crab holes; common and widely distributed; 322	Muspratt	1955
	Marshy region near river; ---; 44	Vincke	1959
	---; ---; 56	Edwards	1924a.
	Stream pools; ---; 100	Lewis	1943a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
saliaburiensis Theobald (cont.)	Edges of slow stream; ---; 102	Ovazza et al.	1956
	---; ---; 186	Doucet	1949
	Crab holes; in a house, crab holes; 226	Dalziel	1920
	---; ---; 227, 292. (In pools and edges of slow moving streams)	Leeson	1958
	Among flotsam at edge of side-channel of woodland river; ---; 322	Brooke Worth & Paterson	1961
	Stationary or slow flowing stream, pools; ---; 322	Bedford	1918
	Rock pools containing no vegetation; ---; 322	Nieschulz et al.	1934
salisburiensis naudeanus Muspratt	---; ---; 322	Stone	1963
schwetzi Edwards	---; ---; 44	Edwards	1941
	Rock pools in rivers fully exposed to sun, disused wells, borrow pit; ---; 175	Peters	1956
scottii Theobald	---; ---; 201	Schwetz & Edwards	1927
	---; ---; 275	Edwards	1941
seldeslachtsi Wolfs	Ditch with stagnant water; ---; 44	Hopkins	1952
semibrunneus Edwards	Permanent pools with vegetation; ---; 44, 320	Edwards	1941
	---; Dec., Mar., May; 156	Doucet	1961 (1962)
	---; along coast, very rare; 163	van Someren et al.	1955
	---; forest gallery under overhang of steep bank; 206	Hamon et al	1957 (1958)a.
	Pools in slashed *Phoenix* swamps, pools among tall papyrus and *Phoenix reclinata*; ---; 320	Goma	1960
	---; lowland forest; 320	Haddow et al.	1951
	---; in forest; 320	Corbet	1964a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
sergentii Theobald	---; ---; 8	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
seyrigi Edwards	---; ---; 186	Edwards	1941
shoae Hamon & Ovazza	Banana trees or *Musa*; ---; 102	Ovazza et al.	1956
simpliciforceps Edwards	Swampy edges of reservoir; ---; 13	Hopkins	1952
	Swamps; ---; 13	Lewis	1948
	---; ---; 44	de Meillon & Lavoipierre	1944
	---; in forest, dense, inland; 156	Doucet et al.	1960
	---; forest, under rocks near river; 206	Hamon et al.	1957 (1958)a.
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
simpsoni Theobald	---; ---; 13, 44, 163, 186, 292, 322, 364. (Permanent pools and rock pools with little or no vegetation)	Edwards	1941
	---; ---; 14	Gândara	1958
	---; ---; 43, 214, 227, 292, 322. (Ground pools, backwaters of rivers, river pools and in streams, or house frequenter)	Leeson	1958
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; common and widely distributed; 322	Muspratt	1955
	---; ---; 71	Rioux	1959
	Rock crevices; ---; 89	Hamon et al.	1956b.
	Stream pool; ---; 100	Lewis	1943a.
	Holes in ground, river banks; ---; 102	Ovazza et al.	1956
	---; ---, 131	Toumanoff & Simond	1956 (1957)
	Common in swamps, wells, occasionally in rock holes and pools, rare in drains, dams, pits, streams and tanks; rarely indoors; 163	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
simpsoni Theobald (cont.)	---; Aug.-Oct., Dec.-Jan., Mar., in bush, rare especially in forest; 163	van Someren et al.	1958
	Natural waters; ---; 186°	MacGregor	1927
	Sunny rock cracks in streams, tree holes; ---; 186	Grjebine	1954
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Surface pools with mopane-clay-soil among *Acacias* and bushy trees; ---; 227	Muspratt	1945a.
	Large bodies of water, spring-fed reservoir, sunken pools and wells, small ground pools, artificial pools, troughs, tanks, exposed rock pools; rarely bites man; 275°	Mattingly & Brown	1955
	Artificial containers; occasionally in houses, Sept.-June; 322	Bedford	1928
	Pools; ---; 322	Steyn et al.	1955
	---; June; 322	Edwards	1915
	River pools, seepages, slow running water with vegetation, rock pools below artificial water tanks; ---; 364	Harris	1942
	Swamp water; ---; 364	Aders	1917a.
sinaitious Kirkpatrick	---; bites at night; 13°. ---; common; 100	Lewis	1956a.
	---; ---; 13. (In permanent pools with little or no vegetation)	Edwards	1941
	Stagnant pools with or without vegetation, fast flowing drains, under small waterfalls 6 inches to 8 inches in height; indoors, bites by night; 96°	Kirkpatrick	1925
	Borrow pits with stagnant brackish water, fresh water pools with stagnant water and floating green algae, fresh water streams with slow current and floating green algae; ---; 96	Abdel-Malek	1956
	In drains and pools; Aug.-Sept.; 96	Kirkpatrick	1924
	Stream, wells; ---; 100	Lewis	1943a.
	Lagoons, seepages, wells, pools: ---; 282	Leeson & Theodor	1948
	Springs, wells, seepages in river beds, without vegetation; ---; 284	van Someren	1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULI			
sitiens Wiedemann	Sea water; ---; 13	Hopkins	1952
	---; ---; 13, 186. (In inland salt or alkaline areas)	Edwards	1941
	---; ---; 54	Ovazza et al.	1956
	---; ---; 100	Hamon	1957
	Wells; ---; 102	Giaquinto-Mira	1950
	Common in wells, swamps, pits, and crab holes; bites outdoors, enters houses; 163°	van Someren et al.	1955
	---; all year, in bushes, in houses; 163°	van Someren et al.	1958
	---; naturally infected with Mossuril virus; 214	Kokernot et al.	1962a.
	---, coastal; 214	Brooke Worth & de Meillon	1960
	Boats, canoes; ---; 226	Dalziel	1920
	Lagoons, wells, crab holes, streams, mangrove swamps; ---; 282	Leeson & Theodor	1948
	Sea water in split trench, brackish water in brick pits; enters houses; 284	van Someren	1943
	Cesspits; ---; 364	Harris	1942
	---; in huts; 364°	Aders	1917a.
spathipalpis Rondani	---; ---; 176	Brighenti	1930
stellatus van Someren	Steps cut in coconut trees; ---; 275	van Someren	1947
stoehri Theobald	---; ---; 54, 230	Neave	1912
	---; ---; 163	Anderson	1919
striatipes Edwards	---; ---; 44	Stone et al.	1959
	Drainage canals; ---; 102	Ovazza et al.	1956
	---; in dense inland forest and savannah; 156	Doucet et al.	1960
	---; ---; 163	Edwards	1941
	---; June; 226°	Service	1963
	---; ---; 227	de Meillon et al.	1945

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *striatipes* Edwards (cont.)	---; ---; 292, 322. (In river pools)	Leeson	1958
striatipes joanae Muspratt	Flooded grassy streams, pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
subaequalis Edwards	---; ---; 44	Stone et al.	1959
	---; in dense inland and coastal forests; 156	Doucet et al.	1960
	Clean, shaded water, spring pools near rivers, forest, bamboo pots; ---; 163	van Someren	1945
	---; lowland forest, plantation and canopy; 320	Haddow et al.	1953
subrima Edwards	---; ---; 44, 226. (In houses)	Edwards	1941
	---; ---; 61	Stone et al.	1959
	---; in dense coastal forests; 156	Doucet et al.	1960
	---; on sides of trees and tree holes in the bush; 175	Peters	1956
	---; low vegetation in underwood of gallery forest; 206	Hamon et al.	1957 (1958)a.
	---; in forest; 320	Corbet	1964a.
sinyamiensis Edwards	---; ---; 13, 123, 226	Edwards	1941
	---; ---; 61, 117, 273	Stone et al.	1959
	Crab holes; ---; 89	Hamon et al.	1956b.
	---; in dense coastal and inland forests, savannah; 156	Doucet et al.	1960
	---; on sides of trees and tree holes in the bush; 175	Peters	1956
	---; coastal; 214	Brooke Worth & de Meillon	1960
tamsi Edwards	---; ---; 267, 365	Edwards	1941
telesilla de Meillon & Lavoipierre	---; ---; 14	Gândara	1958
	---; ---; 44	Mattingly & Lips	1953
	Very stagnant water in old stream beds; ---; 175	Peters	1956
	---; inland lowland, riverine; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
tenagius van Someren	---; ---; 163, 320	Stone et al.	1959
terzii Edwards	---; ---; 102, 163, 292, 320	Stone et al.	1959
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
thalassius Theobald	---; ---; 14	Gândara	1958
	---; ---; 44, 117, 123, 132, 163, 186, 214, 226, 279, 364. (Inland salt or alkaline areas, crab holes, experimentally infected with yellow fever, bites man at night, in and outside of houses)	Edwards	1941
	---; ---; 57	Stone et al.	1959
	Grassy edges of brackish lagoons; ---; 89. Grassy gutters; ---; 307	Hamon et al.	1956b.
	---; ---; 113	Senevet & Andarelli	1959
	---; ---; 115. ---; May; 322	Edwards	1915
	Drainage ditch, fairly deep water; in houses, bites indoors and outdoors in evening; 117°	Bertram et al.	1958
	---; ---; 117*	Findlay & Davey	1936
	Fresh rain water, polluted and non-polluted pools, artificial containers, brackish lagoons; ---; 123	Ingram & Macfie	1917
	---; arid sandy soil, old sea bed; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; outdoors and inside houses, attacks man frequently; 123°	Kerr	1932
	Septic tanks; ---; 131	Toumanoff & Simond	1956 (1957)
	---; coastal region; 131	Toumanoff	1959a.
	---; dense inland forest; 156	Doucet et al.	1960
	In brackish water in lagoons and tidal swamps particularly associated with *Avicennia* mangrove; 175	Peters	1950
	---; coastal, inland lowland, maximum abundance one to three or four miles inland from the edge of the bay; 214	Brooke Worth & de Meillon	1960
	Crab holes, boats, canoes, artificial containers, pools, brackish swamps; crab holes, houses; 226	Dalziel	1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *thalassius* Theobald (cont.)	---; bites man morning and night, mainly at night, Mar.-May, and Sept.-Nov.; 226°	Mattingly	1949a.
	---; nocturnal, active two hours after sunset; 226 (Experimental vector of yellow fever)	Kerr	1933
	Sunny turbid water with vegetation in ponds, temporary rain pools, brackish pools, edges of swamps and pools formed from stream overflow; enters houses, May-June; 273	Kartm. et al.	1947
	Rock pool; ---; 279	Evans	1925
	---; enters houses; 279°	Gordon et al.	1932
	Pools; ---; 282	Leeson & Theodor	1948
	Salt water on foreshore; ---; 364. (Rare)	Harris	1942
thalassius var. *fuscus* Theobald	---; ---; 123	Ingram & Macfie	1924
theileri Theobald	Ponds, small streams; ---; 8	Clastrier & Senevet	1961
	---; Mar.-Oct., Dec.; 8	Senevet & Andarelli	1960
	Canal, pools; ---; 13	Lewis	1944a.
	In puddles; ---; 13	Lewis	1956a.
	---; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 39. Pools, streams, swamps, dams, troughs, crab; abundant in most localities except in arid regions; 322	Muspratt	1955
	---; ---; 43, 227, 230, 292. (Backwaters of rivers, river pools and ditches, suspected vector of Rift Valley fever)	Leeson	1958
	---; ---; 44	Schwetz	1915
	Collections of water near houses; rarely enters houses; 63	Brage	1931
	---; Aug.; 63. Pools in stream beds; ---; 187	Christophers	1929
	---; ---; 71	Rioux	1959
	In rice fields, pools and drains; very common to abundant in oasis; 96°	Gad	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *theileri* Theobald (cont.)	Shallow borrow pit and pools with stagnant and brackish water with floating green algae; ---; 96	Abdel-Malek	1956 a
	Weedy streams; ---; 100	Lewis	1943a.
	Slightly polluted water with some vegetation, irrigation canals, temporary water holes, river edges; in houses; 102	Ovazza et al.	1956
	Grass edge or irrigation channel; ---; 102	Bevan	1937
	---; bites in evening; 102°	Scott	1927
	---; ---; 176	Goodwin	1961
	---; inland lowland; 214. ---; naturally infected with Rift Valley fever virus; 322	Brooke Worth & de Meillon	1960
	---; Mar., Sept.; 226°	Service	1963
	---; ---; 284	Tedeschi & Scalas	1934
	---; ---; 292°	McIntosh et al.	1963
	Pools in papyrus swamps burnt earlier; ---; 320	Goma	1960
	Littoral swamps; ---; 320	Goma	1961
	Permanent or temporary waters; ---; 322	Nieschulz et al.	1934
	---; naturally infected with Germiston virus; 322	Kokernot et al.	1960
tigripes Grandpre & Charmoy	Water holes; ---; 13°	Lewis	1943
	Stagnant water, edges of streams; ---; 13	Abbott	1948
	Wells; ---; 13	Lewis	1948
	---; ---; 13, 44, 102, 106, 115, 117, 123, 163, 175, 186, 214, 226, 227, 230, 279, 292, 320, 322, 364, 365. (Artificial containers, permanent pools, forest pools, with little or no vegetation)	Edwards	1941
	---; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 43, 56. Pools, streams, swamps, dams, troughs, crab holes, artificial containers; common and widely distributed; 322	Muspratt	1955
	Marshy region near river; ---; 44	Vincke	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
tigripes Grandpre & Charmoy (cont.)	---; ---; 54	Neave	1912
	Artificial containers, cracks between rocks, grassy holes, tire tracks, mud puddles; ---; 61	Doby & Mouchet	1957 (1958)
	Spring water pools; ---; 61	Rageau & Adam	1953
	---; houses; 61	Rageau et al.	1953
	---; ---; 71	Rioux	1959
	Artificial containers, puddles, wells, marigots, grassy pools, marshes; ---; 89	Hamon et al.	1956b.
	Stream pools, artificial containers; ---; 100	Lewis	1943a.
	---; forest; 102	Bevan	1937
	Sunny rock crevices, without vegetation; ---; 112	Hamon	1954
	Rain butt, artificial containers, seepage from rice fields, hoof prints, rice fields; in huts; 117°	Bertram et al.	1958
	Artificial containers with foul water; ---; 123	Ingram	1919
	---; in dense coastal or inland forests, in savannahs; 156	Doucet et al.	1960
	---; Dec.; 156	Doucet	1961 (1962)
	Common in wells and swamps, rare in tree holes, plant axils, artificial containers, bamboo pots, tanks, pools, rock holes, drains, pits, and streams; bites outdoors; 163°	van Someren et al.	1955
	Borrow pits, muddy pools, swamps, tree holes; ---; 163	Haddow	1942
	Abundant in marsh, streams, ponds; ---; 163	Service	1953a.
	---; May-Oct., Dec.-Feb., in the bush; 163	van Someren et al.	1958
	---; in houses; 163	Haddow	1942a.
	In any type of breeding site where there are other larvae, predaceous; ---; 175	Peters	1956
	Tree or bamboo cracks, wells, rock cracks, filled with very polluted water; houses; 186	Hamon	1954c.
	Rock cracks in ravine; ---; 186	Hamon	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *tigripes* Grandpre & Charmoy (cont.)	Shaded swamps; ---; 186	Grjebine	1954
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Wells, artificial containers; houses; 226	Dalziel	1920
	Ponds, stagnant, and canoes; ---; 226	Boorman & Service	1960
	Rock pools; ---; 226	Philip	1962
	Predaceous; ---; 226	Jackson	1953
	---; experimental infection with *Wuchereria bancrofti*; 226	Neveu-Lemaire	1933
	---; Apr.-May, July-Oct.; 226°	Service	1963
	---; ---; 248, 267	da Costa Pinhão & da Costa Mourão	1961
	Sunny vegetated water in irrigation ditches, clear or turbid water high in organic content in temporary pools, wells, sandy water holes; shaded groves of palm and mango trees; 273	Kartman et al.	1947
	Rice fields: houses; 273	Hamon et al.	1956a.
	Crab holes; ---; 279	Dalziel & Johnson	1915
	Tree holes; ---; 279	Lewis	1956c.
	Deep pit in very saline water, "warm spring"; ---; 284	van Someren	1943
	Common in swamps, more particularly papyrus swamps, in virgin, cut and regenerated papyrus areas, in high altitude swamps, highest larval productivity occurs in recently burnt papyrus areas, virgin and altered *Miscanthidium* and *Phoenix* swamps; ---; 320	Goma	1960
	In littoral swamps near dry land, permanent inland swamps at both high and low altitudes, swamp pools of seasonal inland swamps; ---; 320	Goma	1961
	Cultivated or uncultivated papyrus swamps; ---; 320	Goma	1958
	---; lowland forest, plantations and canopy; bites by day and night; 320°	Haddow et al.	1951
	---; May, June, Aug., Sept., pool; 322. (Predators)	Edwards	1915
	---; ---; 324	Hamon	1954a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
tigripes Grandpre & Charmoy (cont.)	---; in houses; 361	Mattingly	1949
	Predacious, ditches, pools, discarded tins, snail shells; ---; 364	Harris	1942
	In rice fields, grass pits; ---; 364	Smith	1955
	Tree holes, swamps; ---; 364	Aders	1917a.
	Tops of coconut palms; ---; 364	Haworth	1922
tigripes var. *fusca* Theobald	---; ---; 44	Schwetz	1915
	---; forest; 102	Bevan	1937
	Pools with *Pistia*; ---; 123	Macfie & Ingram	1923a.
	Water hole; ---; 123	Ingram	1919
	---; thick and transitional forest, open orchard bush, arid sandy soil, old sea bed; 123. Low-lying swampy area surrounded by lagoon; ---; 226	Mactie & Ingram	1916a.
	Artificial containers; ---; 226	Dalziel	1920
	---; ---; 279	Simpson	1913
tipuliformis Theobald	---; Aug.; 8. ---; desert; 176	Séguy	1924
	---; ---; 54	Edwards	1912
	---; ---; 63, 96, 230, 316	Galliard & Coutelen	1926
	Reedy and weedy pools, often in muddy and foul-smelling water, unused wells; enters houses, bites at night; 96°	Kirkpatrick	1925
	---; ---; 163	Anderson	1919
	Clear or dirty temporary or permanent water, often near dwellings; rarely in houses; 187	Braga	1931
	Pools; May; 322	Edwards	1915
	Streams; ---; 322	Bedford	1918
toroensis Edwards & Gibbins	---; ---; 13, 230	Stone et al.	1959
	---; ---; 44, 163, 320. (Fresh permanent water with little or no vegetation)	Edwards	1941
	---; ---; 61	Stone	1961

TABLE I - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
toroensis Edwards & Gibbins (cont.)	---; ---; 216. Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 322. (Rock holes, marshy pools and ditches)	Leeson	1958
	---; ---; 361	Mattingly	1949
toroensis macrophyllus Edwards & Gibbins	---; ---; 61	Stone	1961
	Semi-permanent water with little or no vegetation; ---; 320	Edwards	1941
	Swamp, at about 8,000 feet; ---; 320	Goma	1960
trifilatus Edwards	---; ---; 13	Stone et al.	1959
	---; ---; 14	Brooke Worth & Paterson	1961
	---; enters houses; 44, 361	Mattingly	1949
	---; 44, 163, 227, 230, 292, 320. (Permanent water with little or no vegetation, rock pools)	Edwards	1941
	---; ---; 54	Edwards	1914
	---; Jan , Apr.; 61	Rageau & Adam	1953
	Artificial containers; ---; 100	Lewis	1943a.
	Tree holes, rock holes in waterfall, forest gallery, drainage channels, ground holes, artificial containers; thickets; 102	Ovazza et al.	1956
	---; highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 227, 230, 292. (Ground pools, rock pools, drains, rarely in tree holes, attacks man day and night)	Leeson	1958
	Pools, streams, swamps, dams, troughs, crab holes, rarely in tree holes; ---; 322	Muspratt	1955
	Tree holes; ---; 322	de Meillon	1943
	Rock pools and bamboo pots; ---; 364	Harris	1942
trifilatus aenescens Edwards	Rock pools ditches, rain pools, artificial containers; ---, 320	Hopkins	1952
	Ditches in cultivated swamps; ---; 320	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *trifoliatus* Edwards	---; ---; 13, 44, 123	Edwards	1941
	---; ---; 14. Shaded pool with overflow from river; ---; 322	Brooke Worth & Paterson	1961
	---; ---; 56. Rock pools in river bed, swampy streams, pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; forest gallery; 89	Hamon et al.	1956b.
	Rock pools; ---; 102	Ovazza et al.	1956
	---; in dense coastal forest; 156	Doucet et al.	1960
	---; along coast and highland; 163	van Someren et al.	1955
	---; inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; in vegetation in forest; 226	Hanney	1960
	Ground pools; ---; 320	van Someren	1956
	---; lowland forest and plantations; 320°	Haddow et al.	1951
	Water from coconut palms: ---; 364	Edwards	1923a.
tritaeniorhynchus Giles	Marshes encumbered with vegetation, grassy holes, sometimes in sunlight; ---; 61	Doby & Mouchet	1957 (1958)
	Pistia pools, grassy marshes; Nov., Dec., Apr.-May, bites man at sunset; 89°. Grassy lagoon; ---; 307	Hamon et al.	1956b.
	---; houses, crab holes; 89	Hamon	1954b.
	Rice fields, stagnant drains, slow-moving mises; peak Oct., enters houses, bites by evening and night, 96°	Kirkpatrick	1925
	Drains of rice fields; ---; 96	Gad	1956
	---; experimental transmission of West Nile virus; 96	Taylor & Hurlbut	1953
	Pools with algae in rice furrow; in houses, bites indoors in evening; 117°	Bertram et al.	1958
	Semi-Permanent and permanent water, without much vegetation, flood pools; ---; 123, 186, 226, 364	Edwards	1941
	Brackish water holes, swamps; ---; 123	Ingram & Macfie	1917

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
tritaeniorhynchus Giles (cont.)	---; in dense coastal forest and savannah; 156	Doucet et al.	1960
	Swamps; bites outdoors, enters houses; 163°	van Somaren et al.	1955
	---; bites rarely; 163°	Teesdale	1959
	---; ---; 175	Burgess	1962
	Crab holes; bites outside day and night; 186°	Hamon	1956
	Wells, flooded fields and shallow marshes, rock cracks, hoof prints, tire imprints, likes sunshine; ---; 186	Hamon	1954c.
	Rice fields irrigated by canals; ---; 186	Grjebine	1954
	---; coastal, inland lowland, maximum abundance from 1 to 3 or 4 miles inland from edge of bay; 214	Brooke Worth & de Meillon	1960
	Artificial containers; ---; 226	Bruce-Chwatt	1957
	Rice fields; houses; 273	Hamon et al.	1956a.
	---; in huts, grass in wooded area; 273	Kartman et al.	1947
	---; very aggressive; 284°	Bailly-Choumara	1960
	---; ---; 319	Stone et al.	1959
	Stagnant pools; ---; 364	Harris	1942
umbripes Edwards	---; ---; 44	Mattingly & Lips	1953
univittatus Theobald	Clear water, ponds, streams, water with vegetation; ---; 8	Clastrier & Senevet	1961
	---; Mar., May-Dec.; 8	Senevet & Andarelli	1960
	---; most common and widely distributed culicine, rarely bites; 13°	Lewis	1956a.
	---; in houses by day; 13	Lewis	1947
	---; ---; 13, 14, 44, 56, 115, 117, 123, 163, 186, 214. 226, 227, 230, 292, 320. (Permanent water)	Edwards	1941
	---; ---; 39, 43, 289. Pools, streams, swamps, dams, troughs, crab holes; common and widely distributed; 322	Muspratt	1955
	---; persistent biter, occassionally troublesome in late afternoon; 43°	de Meillon	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *univittatus* Theobald (cont.)	Marshy region near river; marshy region near river; 44	Vincke	1959
	---; in houses; 44, 361	Mattingly	1949
	---; ---; 71	Rioux	1959
	Grassy marshes and pools, residual puddles of marigots, grassy rain puddles; ---; 89	Hamon et al.	1956b.
	Borrow pits, sakia pits, stagnant drains and canals, old wells, rice fields, artificial containers; enters houses, bites at night, all year, peak Sept.-Oct.; 96*	Kirkpatrick	1925
	Common in cultivated areas; July-Oct.; 96	Hurlbut & Weitz	1956
	Shallow stagnant pools with emergent weeds and submerged algae, borrow pit with stagnant water without vegetation, disused well, barrel; ---; 96	Abdel-Malek	1956
	Marshes and stream pools, generally away from dwellings; ---; 96	Barraud	1921
	In pools, wells, drains; ---; 96	Gad	1956
	---; naturally infected with West Nile virus; 96, 322. ---; coastal, inland lowland, highland; 214. ---; naturally infected with Wesselsbron virus; 322	Brooke Worth & de Meillon	1960
	---; most important vector of Sindbis and West nile virus; 96**	de Meillon et al.	1957
	---; natural infection and experimental transmission of Sindbis virus; 96	Taylor et al.	1955
	---; experimental infection and transmission of Western Nile virus; 96	Hurlbut	1956
	---; ---; 100	Lewis	1943a.
	Rock or ground holes, banks of slow river or lake, cold parts of marsh fed by thermal springs; thickets, rarely in houses; 102	Ovazza et al.	1956
	---; ---; 113. ---; on animals in thick bush at night and also in early morning between 6 and 6:30 o'clock; 322. ---; ---; 344	Bedford	1928
	---; rare, in houses, Nov., July; 115	Galliard	1931b.
	Water holes; June-Dec.; 123	Ingram	1912
	Grassy pool with clear water; ---; 123	Ingram & Macfie	1919

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX univittatus Theobald (cont.)	---; open orchard bush, thick and transitional forest; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	Common in streams and swamps, occasionally in wells and tanks, rare in pools, drains, rivers, dams and pits, exceptional in tree holes and bamboo pots; bites outdoors, enters houses; 163°	van Someren et al.	1955
	---; May-June, Aug.-Jan., in bush; 163	van Someren et al.	1958
	---; in dense inland forest, light rainfall; 156	Doucet et al.	1960
	Water with vegetation. abandoned wells, polluted water, artificial containers; ---; 176	Vernail	1953a.
	Muddy water, hoof imprints, slow moving water with vegetation; ---; 186	Doucet	1949
	Flooded fields, pools, tire prints, clean water in rock cracks; ---; 186	Hamon	1954c.
	Wells, rock cracks in ravine; ---; 186	Hamon	1953
	---; ---; 211, 316	Senevet	1947
	Rock pools; ---; 226. (Occasionally attacks man, efficient vector of yellow fever)	Philip	1962
	Small pools, and holes in river banks; ---; 226	Hanney	1960
	Artificial containers; ---; 226	Elliot	1955
	---; houses; 226	Dalziel	1920
	Pistia, grassy rice fields; houses; 273	Hamon et al.	1956a.
	---; ---; 284	van Someren	1943
	Forest ground pools; lowland forest and plantations, enters houses, bites by day and night; 320°	Haddow et al.	1951
	Grass and papyrus swamps, lake shore, river and inland valley swamps, at rank-growing edges and inside papyrus swamps, in virgin, trampled, cut, burnt, and completely regenerated papyrus areas, highest productivity in recently cut papyrus habitats, untouched and slashed *Phoenix*, and virgin and cut *Miscanthidium* swamps, water often with iridescent ferruginous surface scums and containing brown flocculence; ---; 320	Gouza	1960
	Inner or lakeward side of littoral swamp with *Pistia* or *Ceratophyllum*, permanent inland swamps, exposed parts of seasonal inland swamps, among short grass, in small pools; ---; 320	Gouza	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *univittatus* Theobald (cont.)	Cultivated swamps, periphery of swamps with permanent or semi-permanent pools; ---; 320	Goma	1958
	Backwaters and pools in small streams; ---; 322	Ingram & de Meillon	1927
	---; experimentally infected with H 336 virus; 322. (Vector of West Nile virus)	Smithburn et al.	1959
	---; naturally infected with Spandarin and Sindbis virus; 322	Brooke Worth et al.	1963
	---; in houses, Feb., May, June, Oct.; 322	Edwards	1915a.
	---; ---; 324	Hamon	1954a.
	Edges of grassy pools and rivers, in seepages and in stagnant water, in rocks; bites indoors mainly at night, common during day; 364*	Smith	1955
	Clear water, slow running streams, seepage pools and rain water pools; ---; 364	Harris	1942
	Rice swamps; ---; 364	Aders	1917a.
	---; bites outdoors; 364°	Smith	1955a.
univittatus var. *neavei* Theobald	Edges of swamps; ---; 13	Lewis	1948
	---; ---; 13°	Lewis	1947
	---; ---; 102	Stone et al.	1959
	---; ---; 163	Anderson	1919
	---; lowland forest and plantations; 320	Haddow et al.	1951
	---; active at night; 320	Corbet & Haddow	1961
	---; ---; 322	Brooke Worth & Paterson	1961
	---; in houses; 364	Smith	1955a.
vansomereni Edwards	---; ---; 13, 364	Stone et al.	1959
	---; ---; 44, 102, 320. (Rock pools, rain and flood pools)	Edwards	1941
	Artificial containers; in houses; 44. ---; ---; 361	Mattingly	1949b.
	Grasses in rivers, springs; ---; 102	Ovazza et al.	1956
	---; rivers and forests; 102	Bevan	1937
	---; in houses; 163, 322	Haddow	1942a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
vansomereni Edwards (cont.)	---; highland; 214	Brooks North & de Meillon	1960
	---; ---; 292. (Backwaters of rivers, ground pools and artificial containers)	Leeson	1958
vansomereni draconis Ingram & de Meillon	(Rock pools)	Edwards	1941
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
vansomereni elgonicus Edwards	---; ---; 102	Owaza et al.	1956
	---; ---; 163, 320. (Rock pools)	Edwards	1941
vansomereni macrophyllus Edwards & Gibbins	Swamp; ---; 320	Edwards & Gibbins	1939
ventrilloni Edwards	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schwetz & Edwards	1927
vinckei Hamon, Holstein & Rivola	---; forest gallery, Apr.; 44	Hamon et al.	1957 (1958)
	Bamboo; ---; 156	Doucet & Cachan	1962
	---; rare; 156	Doucet	1961 (1962)
viridiventer Giles	---; ---; 186	Hamon	1954c.
vittatus Bigot	Edge of fresh water swamps surrounded by salt water marshes; ---; 226	Gilroy & Bruce-Chwatt	1945
wansoni Wolfs	---; ---; 44	Stone et al.	1959
watti Edwards	---; ---; 14	Gândara	1958
	---; ---; 123, 320, 364. (Semi-permanent and permanent water without vegetation, rock pools)	Edwards	1941
	---; ---, 163	Anderson	1924
	---; bites by day in lowland forest; 320?	Haddow et al.	1951
weschei Edwards	---; ---; 13	Lewis	1956a.
	---; ---, 44, 97	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
weschei Edwards (cont.)	---; ---; 89. Little forest pools; ---; 307	Hamon et al.	1956b.
	---; in houses; 117	Bertram et al.	1958
	Permanent water with vegetation; ---; 123, 226	Edwards	1941
	---; coastal; 214	Brooks Worth & de Meillon	1960
	Rock pools with emergent vegetation and flood pools; ---; 226	Hanney	1960
	Rice fields, grassy pools, flooded fields, grassy and muddy puddles; ---; 273	Hamon et al.	1956a.
	---; ---; 279	Lewis	1956c.
	---; ---; 324	Hamon	1954a.
	---; ---; 344	Lewis	1949
weschei gediensis Edwards	Common in swamps, rare in wells, drains, dams, pools, tanks and artificial containers; bites outdoors; 163*	van Someren et al.	1955
	---; July, Aug., Sept., bites occasionally; 163*	Teesdale	1959
	---; June-Nov., in bush; 163	van Someren et al.	1958
wigglesworthi Edwards	---; ---; 13, 61, 324	Stone et al.	1959
	---; ---; 44, 123, 163, 279. (Shaded stream edges and backwaters)	Edwards	1941
	---; in dense coastal forest; 156	Doucet et al.	1960
	---; Dec., Mar.; 156	Doucet	1961 (1962)
	Backwater in forest stream shaded but not heavily, clear slow flowing water; 163	van Someren	1945
	Scarce in streams and swamps, once in tree holes; ---; 163	van Someren et al.	1955
	Tree hole traps; ---; 175	Rozeboom & Burgess	1962
	Tree holes and artificial containers in forest; ---; 226	Hanney	1960
	Tree holes; ---; 279	Lewis	1956c.
	---; above lowland forest canopy, rare; 320	Haddow et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
seltneri Neveu-Lemaire	---; ---; 102	Stone et al.	1959
zombaensis Theobald	---; ---; 13, 14, 44, 227, 230, 364	Stone et al.	1959
	Marshes, slow river with large grasses, dams, ground holes; ---; 102	Ovazza et al.	1956
	---; ---; 163	Lumsden	1955
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	---; ---; 226	Simpson	1912
	---; ---; 292°	McIntosh et al.	1963
	In an abandoned, previously cultivated, high-altitude papyrus swamp on the shore of lake, water with fairly heavy ~ descent ferruginous surface scum and containing reddish-brown flocculence; ---; 320	Gome	1960
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Foul, stagnant shady pools; ---; 322	Brooke Worth & Paterson	1961
	---; in houses; 361	Mattingly	1949b.
CULICADA			
lateralis (Meigen)	---; ---; 8	Schneider	1914
CULICIOMYIA			
nebulosa (Theobald)	---; ---; 57. ---; May, June; 322	Edwards	1915
	---; very common, in houses; 115	Galliard	1931b.
	Artificial containers; ---; 123	Ingram	1919
	Rot holes in trees; ---; 123	Ingram & Macfie	1917
	---; thick and transitional forest, open orchard bush, arid sandy soil, old sea bed; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	Holes in tree trunks; ---, 131	Joyeux	1915
	Crab holes, tree holes, wells, boats, canoes, roof gutters, artificial containers, crab holes; in houses; 226	Dalziel	1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULICIOMYIA			
nebulosa (Theobald) (cont.)	---; ---; 226°	Johnston	1916
	---; ---; 279°	Anonymous	1915
	---; ---; 320	Neave	1912
	Swamps, artificial containers; ---; 364°	Aders	1917a.
CULISETA			
fraseri (Edwards)	---; ---; 13, 44, 61, 206, 225, 279, 292, 320	Stone et al.	1959
	Tree holes, bamboo; ---; 156	Doucet & Cachen	1962
	Tree holes; ---; 163	Garnham et al.	1946
litorea (Shute)	---; ---; 8	Stone et al.	1959
longiareolata (Macquart)	Artificial container; all year; 8	Senevet & Andarelli	1960
	Stonework reservoir with vegetation exposed to sun, stagnant and polluted water courses; ---; 8	Clastrier	1936
	Wells, collections of water on palms, clear water with vegetation; ---; 8	Clastrier & Senevet	1961
	River banks, stagnant water; ---; 8	Foley	1928
	Ditches with polluted water; ---; 8	Collignon	1936
	---; very common near coast; 8. ---; ---; 112, 211	Séguy	1920
	---; abundant June-Oct.; 8	Senevet	1936
	More or less permanent waters with less vegetation usually open, transitory rain or flood water pools; ---; 13, 42, 56, 102, 113, 284, 322. ---; ---; 36	Edwards	1941
	Water of salt lake; ---; 13	Abbott	1948
	Natural pools, wells; ---; 13	Lewis	1956b.
	---; ---; 39. Ponds, streams, swamps, dams, troughs, crab holes; common; 322	Muspratt	1955
	---; ---; 4. 292. (Pools, barrels and other artificial containers in which the water is often foul, bites man indoors at night)	Leeson	1958
	Cement tanks, pools in stream beds; Jan., Mar., June, Aug.; 63. Pools in stream beds; ---; 187	Christophers	1929
	Artificial water reservoirs; domestic; 187	Braga	1931

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULISETA			
longiareolata (Macquart)	---; Feb., Apr.; 63	Séguy	1921
	---; ---; 71	Rioux	1959
	In seepage and surface water, frequently in unused wells; occasionally in houses, prevalent Nov.-Apr.; 96	Gad	1956
	Stagnant puddles; ---; 96	Storey	1919
	---; ---; 96. (Water-barrels, artificial containers and cisterns)	Barraud	1921
	Artificial containers, ditches and pools; ---; 100	Lewis	1943a.
	Artificial containers, abandoned wells, polluted waters; common in Saharan oasis; 176	Vernail	1953a.
	---; ---; 284	van Someren	1943
	In brackish water streams with aquatic plants *Chara foetida*, *Atherina filiformis* and reeds; ---; 316	Seurat	1943
	---; open country, rare; 320	Haddow et al.	1951
	---; ---; 322. (Usually near habitations, all year)	Bedford	1928
moreitans (Theobald)	---; ---; 211	Stone et al.	1959
subochrea (Edwards)	---; ---; 8, 211	Stone et al.	1959
CYATHOMYIA			
fusca (Theobald)	Tree holes; ---; 123	Ingram & Macfie	1917
	---; arid sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
	---; ---; 131	Joyeux	1915
	Artificial containers; ---; 226	Dunn	1928
	Tree holes; ---; 226	Dunn	1927
	Tree holes; ---; 364	Adera	1917a.
DANIELSIA			
wellmani Theobald	---; ---; 163	Anderson	1919
EREMAPODITES			
argyrurus Edwards	---; Mar., May-Oct.; 156	Doucet & Cachan	1961 (1962)

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES *argyrurus* Edwards (cont.)	In snail shells and tins; ---; 226	Boorman & Service	1960
oedipodium	Artificial containers, rivers, dead leaves, *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
chrysogaster Graham	---; experimental transmission of yellow fever organism; 13*	Lewis	1947
	---; ---; 14	Kumm	1931
	Rivers, *Pandanus* plants, tree holes; ---; 44	Lambrecht & Zaghi	1960
	---; experimental carrier of yellow fever; 54	Muspratt	1955
	---; in houses; 61	Rageau et al.	1953
	---; in houses; 89	Bauvellet	1931
	---; experimental vector of yellow fever, May; 102	Giaquinto-Mira	1950
	---; ---; 117, 248, 365. ---; experimentally infected with yellow fever; 226. (Large fallen leaves, coconut shells, bites viciously day and night in swamps)	Edwards	1941
	---; ---; 117*	Findlay & Davey	1936
	Achatina shells, flowered heads of *Heliconia*, banana leaf axils, empty cacao pods; ---; 123. Empty cacao pods, peridomestic places; Jan.-Aug., Oct.-Dec.; 156. Tree holes, bamboos, leaf sheathes, pineapple leaf axils; ---; 226	Doucet & Cachan	1961 (1962)
	Cut bamboos, in small collection of water in banana leaves on ground, tree stumps; ---; 123	Macfie & Ingram	1923a.
	---; thick and transitional forest; 123	Macfie & Ingram	1916a.
	---; Dec., bites morning and afternoon; 156*	Doucet	1961 (1962)
	---; all over, in dense coastal and inland forests and savannahs; 156	Doucet et al.	1960
	Banana axils and tree holes, artificial containers; ---; 163	Lumsden	1955
	In old calabash, artificial containers, under the bush, tree holes, banana leaf axils; ---; 175	Pet[illegible]s	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TEMAPODITES chrysogaster Graham (cont.)	Cut bamboo stumps with rain water in forest; ---; 175. (Predaceous)	Bequaert	1930
	Small collections of water; bite day and night, blood-sucker; 226°. Plant axils; ---; 279	Bauer	1928
	Collection of water on fallen leaves and cocoa pods; seldom in houses, in cocoa plantations, bites only rarely during the first three hours after sunset; 226°	Kerr	1933
	Snail shells, gourd shells or artificial containers; ---; 226	Surtees	1959
	Edge of fresh-water swamps surrounded by salt-water marshes; ---; 226	Gilroy & Bruce-Chwatt	1945
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	---; ---; 227. (Fallen leaves, ground pools, tree holes, plant axils, predatory on other mosquito and aquatic larvae, forest and plantation, bites man day and night, suspected vector of yellow fever)	Leeson	1958
	---; ---; 230, 364	Edwards	1914
	---; ---; 273	Stone et al.	1959
	Banana tree; ---; 279	Evans	1925
	Fallen leaves; ---; 279	Lewis	1956c.
	Leaf pools, tree holes and plant axils; lowland forest plantations and canopy, bites day and night; 320°	Haddow et al.	1951
	Op. stumps in bamboo area, fallen split bamboo with rain water; ---; 320	Edwards & Gibbins	1939
	Predaceous, banana plantations; ---, 320	Haddow	1946
	---; uninhabited forests, potential vector of yellow fever; 320	Mahaffy et al.	1942
	Hollow stems of cut bamboo in forest; ---; 322	Ingram & de Meillon	1927
	---; on animals standing in thick bush, Feb.-Mar.; 322	Bedford	1928
	---; evergreen thicket; 364°	Harris	1942
chrysogaster var. *subsimplicipes* Edwards	Small dirty collections of water, artificial containers; low bushes, wooded areas; 364	Aders	1917a.
condei Ventrillon	---; ---; 186	Enderlein	1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITE			
corbati Hamon	---; forest, May; 320	Hamon	1962
dracaenae Edwards	Leaf axils of *Dracaena* and *Colocasia esculenta*; ---; 89	Hamon et al.	1956b.
	Larvae in *Dracaena*; ---; 102	Chabaud & Ovazza	1958
	---; ---; 123, 279, 320. (Leaf axils)	Edwards	1941
	Axils of bananas growing in forest; ---; 226	Hannay	1960
	---; ---; 320°	Corbet et al.	1961
ferox Haddow	Lowland rain forest; ---; 44	Haddow	1955
	Plant axils, leaf pools; bites day and night in lowland forest and plantations; 320	Haddow et al.	1951
	Predaceous; ---; 320	Haddow	1946
	Colocasia axils; ---; 320	Haddow	1948
forcipulatus Edwards	---; ---; 44	Edwards	1936
	Fallen leaves; ---; 123, 175	Edwards	1941
	Little collection of water filled with organic material, in shell of dead *Achatina*, on ground in humid, dark underwood of forest; ---; 156	Adam & Hamon	1961
gilletti van Someren	---, forest; 44	Hamon & Adam	1958 (1959)
	Tree holes in Oct. and throughout the rainy season; ---; 175	Peters	1956
	---; lowland forest, rare; 320	Haddow et al.	1951
grahami Edwards	Large fallen leaves; ---; 44, 123, 226, 365	Edwards	1941
	---; naturally infected with Semliki Forest virus; 61°	Haddow	1956
	Puddles on edge of rivers; ---; 123. ---; ---; 156. (Naturally infected with Semliki Forest virus)	Doucet & Cachan	1961 (1962)
	Artificial containers, ground pools; ---; 123	Surtees	1958
	---; ---; 206	Stone et al.	1959
	---; ---; 279	Lewis	1956c.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
grahami Edwards (cont.)	Snail shell in forest; lowland forest and plantations; 320	Haddow et al.	1951
	---; undergrowth of forest; 320°	Haddow	1946
grenieri Hamon & van Someren	Nymph in fallen palm branches in clearing; underwood of forest; 364	Hamon & van Someren	1961a.
haddowi van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
harperi van Someren	---; lowland forest and plantations, rare; 320	Haddow et al.	1951
hightoni van Someren	*Dracaena* axils in forest; ---; 163	Hopkins	1952
	---; ---; 320	Haddow et al.	1951
inornatus Newstead	---; ---; 44. (Bites man)	Edwards	1941
	---; thick and transitional forest; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; water hole with decaying vegetable matter; 123	Macfie & Ingram	1916
	Bamboo pots; ---; 163	van Someren et al.	1955
	Empty snail shell; ---; 175. ---; ---; 279	Bequaert	1930
	---; ---; 206	Stone et al.	1959
	Snail shells, forest leaf pools, plant axils; forest and plantations in lowlands, bites day and night; 320[c]	Haddow et al.	1951
	Colocasia axils, somewhat predaceous; ---; 320	Haddow	1946
intermedius Edwards	---; ---; 13, 206	Stone et al.	1959
	Fallen leaves, tree holes; ---; 44, 163, 320, 364	Edwards	1941
	In *Dracaena* and fallen leaves on ground; ---; 102	Chabaud & Ovazza	1958
	---; lowland forest; 320	Haddow et al.	1951
leucopus Graham	---; ---; 44	Schwetz & Edwards	1927
	---; ---; 123, 279	Edwards	1941
	---; Dec.; 156	Doucet	1961 (1962)
	---; ---; 226	Edwards	1932

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
leucopus leucopus Graham	---; Jan., Mar.-Nov.; 156	Doucet & Cachan	1961 (1962)
leucopus productus Edwards	Leaf axils, forest pools, tree holes; ---; 44	Hopkins	1952
	Leaf axils, bamboo sections and tree holes; ---; 163°	Carnham et al.	1946
	Plant axils, forest leaf pools; forest and plantations, bites day and night; 320°	Haddow et al.	1951
	Tree holes, mildly predaceous; ---; 320	Haddow	1946
	---; Jan., Apr.-Aug., and Oct.-Nov.; 320	Haddow	1948
mahaffyi van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
mattinglyi Hamon & van Someren	Fallen palm branches in forest clearing; ---; 364	Hamon & van Someren	1961
melanopus Graham	---; ---; 44	Schwetz & Edwards	1927
	---; ---; 123	Edwards	1941
oedipodius Graham	---; ---; 61, 186, 319	Stone et al.	1959
	---; ---; 123	Edwards	1941
	Peridomestic; June-Aug.; 156	Doucet & Cachan	1961 (1962)
	Leaf axils; ---; 156	Grjebine	1950
	---; in dense coastal and inland forests; 156	Doucet et al.	1960
	Riverside pools; ---; 163	Lumsden	1955
	Tree holes, artificial containers; ---; 175	Peters	1956
	Artificial containers, snail shells, fallen leaves, *Xanthosoma*, banana and pineapple leaf axils; ---; 226	Surtees	1959
	Fallen leaves: ---; 279	Lewis	1956c.
	---; all year; 320°	Corbet	1963a.
oedipodius douceti Adam & Hamon	In underwood of oil palms on leaves containing water; June; 156	Adam & Hamon	1958 (1959)
	---; ---; 307. ---; June; 324	Hamon	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
oedipodius marcilleae Adam & Hamon	In marshy forests on fallen leaves containing water; ---; 156, 324	Adam & Hamon	1958 (1959)
	---; June; 156. ---; Feb.; 175	Hamon	1961
	---; Mar., May-Nov.; 156	Doucet & Cachan	1961 (1962)
oedipodius oedipodius Graham	---; Nov., Sept.; 44. ---; Oct., Nov.; 123. ---; Mar., Apr., Aug.; 156. ---; Feb., May; 175. ---; Sept.; 279	Hamon	1961
oedipodius parvipluma Edwards	---; ---; 44	Stone et al.	1959
	Fallen leaves and bamboo pots, very rare; ---; 163	van Someren et al.	1955
	Forest leaf pools; bites by day in lowland forest; 320°	Haddow et al.	1951
	---; diurnal; 320	Haddow	1956
	---; Nov.; 320	Hamon	1961
oedipodius stanleyi Edwards	Fallen leaves; ---; 44	Edwards	1941
oedipodius wansoni Edwards	Fallen leaves, coconut and snail shells; ---; 44	Edwards	1941
	---; May: 44	Hamon	1961
	---; ---; 206	Hamon et al.	1957 (1958)a.
pauliani Grjebine	Foot prints and dried leaves in forest; ---; 156	Grjebine	1950
	Leaves on ground: ---; 156	Doucet & Cachan	1961 (1962)
	---; in dense coastal forest; 156	Doucet et al.	1960
paniculatus Edwards	---; ---; 61	Rageau & Adam	1953
	Artificial containers, empty shells of snails; ---; 123	Surtees	1958
	---; ---; 206	Stone et al.	1959
	Snail shells; ---; 226	Surtees	1959
	---; ---; 279	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
penicillatus Edwards (cont.)	Forest snail shells; bites by day in lowland forest and plantations; 320°	Haddow et al.	1951
	Predaceous; ---; 320	Haddow	1946
plioleucus Edwards	---; ---; 123	Edwards	1941
	---; in dense inland forest; 156	Doucet et al.	1960
	---; ---; 186	Mattingly & Brown	1955
plioleucus brevis Edwards	---; ---; 44	Edwards	1941
quinquevittatus Theobald	---; ---; 13	Lewis	1956b.
	---; ---; 44, 123, 186, 226, 279, 292, 322, 364. (Fallen leaves, bites man viciously at 5 p.m.)	Edwards	1941
	Artificial containers, banana leg axils; ---; 123. Snail shells; ---; 226	Surtees	1958
	Common in tanks, snail shells, gully traps and plant axils, rare in bamboo pots, rock holes and bottles; bites outdoors; 163°	van Someren et al.	1955
	Snail shells; ---; 163	Lumsden	1955
	---; Apr.-Jan.; 163	Teesdale	1959
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 292, 322. (Plant axils, snail shells, artificial containers, bite man outdoors in daytime)	Leeson	1958
	Artificial containers; ---; 226	Dalziel	1920
	---; ---; 284. ---; Mar., June, Sept.-Nov.; 322. (Bites at daytime)	Edwards	1915
	---; lowland forest and plantations, rare; 320	Haddow et al.	1951
	---; ---; 320°	Corbet	1963a.
	Artificial containers; bites at daytime; 322°	Muspratt	1955
	All dirty collections of water, artificial containers; low bushes, wooded areas; 364	Aders	1917a.
	Coconut palms; ---; 364	Edwards	1923a.
	Snail shells; ---; 364	Harris	1942

TABLE 2 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS, ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
semisimplicipes Edwards	---; ---; 44, 123, 163, 326, 279, 320. (Bamboo stems, tree holes)	Edwards	1941
	---; all year; 156. Tree holes, rock cracks surrounded by ferns, puddles in rocks in edge of rivers; ---; 163. Leaves on ground, leaf sheathes: ---; 320 (Bites in forest)	Doucet & Cachan	1961 (1962)
	Fern-hung holes in granite boulders; forest, 163	Garnham et al.	1946
	---; ---; 206	Stone et al.	1959
	Forest leaf pools, plant axils; lowland forests and plantations, bites by day and night; 320°	Haddow et al.	1951
	Predaceous; ---; 320	Haddow	1946
silvestris Ingram & de Meillon	Common in tins and bamboo pots, scarce in coconut shells, snail shells and seed pods, rare in plant axils and tree holes; bites outdoors; 163°	van Someren et al.	1955
	---; Feb., Aug., Sept., Oct., Nov., occasionally biting; 163°	Teesdale	1959
	Axils of *Dracaena*, artificial containers; ---; 322	Muspratt	1955
	Leaf axils; ---; 322	Edwards	1941
silvestris conchobius Edwards	Leaf axils of *Sansevieria*; fierce biter; 13°. (Of potential importance in the transmission of yellow fever and is so common in an endemic yellow fever zone)	Lewis	1956b.
	Tree holes; thickets, aggressive; 102°	Ovazza et al.	1956
	---; ---; 102	Stone et al.	1959
	Artificial containers, fallen leaves; ---; 123	Surtees	1958
	Common in tins, bamboo pods, scarce in coconut shells, snail shells and seed pods, rare in plant axils and tree holes; bites outdoors; 163°	van Someren et al.	1955
	Fallen leaves; ---; 163	Edwards	1941
	---; ---; 322	Brooke Worth & Paterson	1961
subsimplicipes Edwards	Bred material from coconut shells, tins, tree holes and bamboo pots; bites outdoors; 163°	van Someren et al.	1955
	---; Jan., Apr., June-Sept., Nov.; 163	Teesdale	1959
	---; ---; 163, 230, 322, 364. (Fallen leaves, bamboo stems)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
subsimplicipes Edwards (cont.)	---; ---; 186	Stone et al.	1959
	---; coastal, highland; 214	Brooke Worth & de Meillon	1960
	Fallen leaves; ---, 246	Surtees	1958
	---; ---; 230, 322. (Water, fallen leaves and artificial containers, bites man outdoors in the daytime, vector of Rift Valley fever and a laboratory vector of yellow fever)	Lawson	1958
	Artificial containers, fallen leaves; bites at daytime; 322'	Muspratt	1955
	Tree holes and coconut shells; ---; 364	Harris	1942
tonsus Edwards	---; ---; 192	Stone et al.	1959
	---; ---; 163	Edwards	1941
	---; lowland forest, rare; 320	Haddow et al.	1951
vansomerenii Hamon	---; May, forest; 320	Hamon	1962
ECHELAROMYIA			
inconspicuosa Theobald	Clear water in hollow of fallen tree; ---; 123	Macfie & Ingram	1916
	---; ---; 364	Aders	1917a.
FILALBIA			
aurata (Doucet)	---; ---; 186	Stone et al.	1959
bernardi (Doucet)	---; ---; 186	Stone et al.	1959
begueti (Doucet)	---; ---; 186	Stone et al.	1959
circumtestatus (Theobald)	---; steamer; 13	Mattingly & Grjebine	1958
	Marshes; houses; 89	Hamon	1954b.
	---; ---; 279	Edwards	1941
	---; in forest; 320	Corbet	1964a.
	---; ---; 322	Brooke Worth & Paterson	1961
	Marshes; ---; 324	Hamon	1954a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA			
femorata Edwards	---; active at night; 320	Corbet & Haddow	1961
	---; in forest; 320	Corbet	1964a.
flavopicta Edwards	---; July; 163	Mattingly & Grjebine	1958
	---; in forest; 226	Hanney	1960
	---; bites by day in lowland forest, by night in canopy, rare; 320°	Haddow et al.	1951
grenieri Hamon	Grassy marshes and pools; ---; 324	Hamon	1954 (1955)a.
hispida (Theobald)	Permanent water with vegetation, ---; 13, 44, 123, 214, 226, 279, 320, 322	Edwards	1941
	---; May, June; 13	Mattingly & Grjebine	1958
	---; ---; 117, 175, 206, 273, 292	Stone et al.	1939
	---; in dense coastal and inland forests; 156	Doucet et al.	1960
	Streams, swamps, pools; in houses; 163	van Someren et al.	1955
	Muddy water; ---; 186	Doucet	1949
	---; highland; 214	Brooke Worth & de Meillon	1960
	---; in tall grass in swamps, Feb., July; 226	Hanney	1960
	Most frequently in papyrus swamps, in virgin cut, burnt and completely regenerated papyrus areas, high altitude swamps, pools in virgin *Miscanthidium* swamps; ---; 320	Goma	1960
	Littoral swamps near dry land, permanent inland swamps; ---; 320	Goma	1961
	In swamps with cut papyrus areas; ---; 320	Goma	1958
	Pools, stream, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
hispida var. *palustris* Theobald	---; ---; 13, 292, 320. (Permanent water with vegetation)	Edwards	1941
	---; in forest; 320	Corbet	1964a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA *hispida* var. *sunyaniensis* Edwards	Permanent water with vegetation; ---; 123	Edwards	1941
	Papyrus swamps, recently cut papyrus areas; ---; 320	Goma	1960
jeansottei (Doucet)	---; ---; 186	Stone et al.	1959
lacustris Edwards	Swamps; ---; 13	Lewis	1948
	---; ---; 44, 71, 320. (Permanent water with vegetation)	Edwards	1941
	Grassy marsh on river edge; ---; 89	Hamon et al.	1956b.
	---; ---; 113	Edwards	1935
	Swamps, pools; ---; 163	van Someren et al.	1955
	---; ---; 206, 226	Stone et al.	1959
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Rice fields; ---; 273	Hamon et al.	1956a.
	Lake shore, river, and inland valley swamps, grass papyrus swamps, common among short grass, and other vegetation at inner edge of swamps; ---; 320	Goma	1960
	Littoral swamps with papyrus, reeds, short grass, other vegetation in quite clear, shallow water, permanent inland swamps, seasonal inland swamps; ---; 320	Goma	1961
	---; Nov.; 320	Mattingly & Grjebine	1958
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
	In coastal swamps with *Pistia*, reeds, floating grass; ---; 364	Smith	1955
malfeyti (Newstead)	---; ---; 13, 44, 61, 175, 230	Stone et al.	1959
	Pistia, grassy marshes; ---; 89	Hamon et al.	1956b.
	---; ---; 115, 123	Galliard	1931b.
	---; in dense coastal and inland forests; 156	Doucet et al.	1960
	---; highland; 214	Brooke Worth & de Meillon	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA			
malfayti (Newstead)	Among *Pistia* in ditches; ---; 226	Boorman & Service	1960
	Pistia, grassy rice fields; ---; 273	Hamon et al.	1956a.
	River swamps, among grass, *Azolla*, *Pistia*, highest population occurs in peripheral zones of permanent and semi-permanent swamp pools, water clear to very turbid and foul; ---; 320	Goma	1960
	Periphery of swamps with permanent and semi-permanent pools; ---; 320	Goma	1958
martinai Doucet	---; ---; 186	Matringe & Grjebine	1958
mediolineata (Theobald)	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 71, 123, 226, 230, 279, 320, 322, 364. (Permanent water with vegetation)	Edwards	1941
	---; ---; 14	Gândara	1958
	---; enters houses in evenings; 43	de Meillon	1947
	---; ---; 43, 227, 230. (Borrow pits among vegetation and in swamps with papyrus)	Leeson	1958
	Grassy marshes on river edge; ---; 89	Hamon et al.	1956b.
	---; river valley, wooded savannah; 102	Ovazza et al.	1956
	---; water shaded with grasses, streams, July; 117	Bertram et al.	1958
	Pool covered by water lettuce, *Pistia stratiotes*; ---; 123	Macfie & Ingram	1923a.
	Streams, swamps, pools; very rare; 163	van Someren et al.	1955
	---; coastal, highland; 214	Brooke Worth & de Meillon	1960
	Rice fields; ---; 273	Hamon et al.	1956a.
	Most frequently inside papyrus swamps, both in virgin and cut papyrus areas, pools in cut *Miscanthidium* swamps, in turbid water; ---; 320	Goma	1960
	In littoral swamps in very turbid, shallow water, among elephant grass, *Pennisetum*, permanent inland swamps; ---; 320	Goma	1961
	Cut papyrus zones in swamps; ---; 320	Goma	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA			
mediolineata (Theobald) (cont.)	---; bites at night in open ground of lowlands; enters houses, rare in forest and plantations; 320°	Haddow et al.	1951
	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
mimomyiaformis (Newstead)	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 71, 163, 226, 230, 292, 320, 364. (Permanent water with vegetation)	Edwards	1941
	---; ---; 56, 299. Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Pistia on edge of river; ---; 61	Rageau & Adam	1953
	Grassy marshes, *Pistias*; crab holes; 89	Hamon	1954b.
	Pistia, grassy puddles, streams, marigots, marshes; ---; 89	Hamon et al.	1956b.
	---; clear savannah; 102	Ovazza et al.	1956
	In roots and floating grasses of river edge in forest galleries, light current and muddy water; rice fields with dense vegetation; 112	Hamon	1954
	Water shaded by grasses, stream; July; 117	Bertram et al.	1958
	---; in dense coastal forest; 156	Doucet et al.	1960
	Swamps, streams, pits, pools, rare; very rare, along coast and highland; 163	van Someren et al.	1955
	---; ---; 175	Peters	1956
	---; coastal, inland lowland and highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 227, 230, 292. (Borrow pits with vegetation, grassy swamps and pools)	Leeson	1958
	Borrow pits; ---; 226	Hanney	1960
	In ditches; ---; 226	Boorman & Service	1960
	Rice fields; ---; 273	Hamon et al.	1956a.
	River swamps, in clear water, among *Pistia* and *Ceratophyllum*, pools in *Miscanthidium* swamps, at margins of swamps, always among vegetation and in clear water; ---; 320	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PICALBIA			
mimomyiaformis (Newstead) (cont.)	---; open ground in lowlands; 320	Haddow et al.	1951
	---; ground holes in a riverine forest especially during dry season; 322	Brooke Worth & Paterson	1961
	---; ---; 324	Hamon	1954a.
mimomyiaformis var. *pincerna* (Graham)	---; ---; 13	Lewis	1956b.
	---; ---; 123, 163, 226, 320. (Permanent water with vegetation)	Edwards	1941
	Swamps pools and edges of small streams; ---; 175	Peters	1956
	Pools at margins of swamps, always among vegetation and always in clear water; ---; 320	Goma	1960
	---; in forest; 320	Corbet	1964a.
nigra (Theobald)	---; ---; 44, 226	Edwards	1941
	---; ---; 89	Hamon	1954b.
	---; ---; 115	Galliard	1932a.
	---; Feb.-May; 156	Doucet	1961 (1962)
	---; in forest; 320	Corbet	1964a.
pallida (Edwards)	Permanent water with vegetation; ---; 44, 123, 226, 230	Edwards	1941
	Pistia pool; ---; 61	Bageau & Adam	1953
	Pistia; ---; 89	Hamon et al.	1956b.
	---; houses; 89	Hamon	1954b.
	---; in dense inland forest; 156	Doucet et al.	1960
	---; Apr.; 156	Doucet	1961 (1962)
	Swamps; along coast; 163	van Someren et al.	1955
	Among *Pistia* in ditches; ---; 226	Boorman & Service	1960
	---; Dec.; 230	Mattingly & Crjebine	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA			
pallida (Edwards) (cont.)	River swamps, among *Pistia*, both at the inner swamp edge when water was clean and at land edge where water was extremely deoxygenated; ---; 320	Goma	1960
palustris Theobald	Swamps; ---; 320	Mattingly & Grjebine	1958
parenti de Meillon & Lavoipierre	---; ---; 44	de Meillon & Lavoipierre	1944
perplexens Edwards	---; ---; 44	de Meillon	1943
	Muddy and shaded water, crags of stream banks, graminéous tufts; ---; 61	Rageau & Adam	1953
	---; in dense coastal forest; 156	Doucet et al.	1960
	Among grass in a river swamp, swamp pools; ---; 320	Goma	1960
	Littoral swamps; ---; 320	Goma	1961
	---; in forest; 320	Corbet	1964a.
pinoerna (Graham)	---; July; 226	Mattingly & Grjebine	1958
plumosa (Theobald)	Swamps; ---; 13	Lewis	1948
	---; ---: 13, 44, 123, 226, 279, 292, 320. (Semi-permanent water with vegetation, densely shaded forest pools)	Edwards	1941
	---; in houses; 44	Mattingly	1949
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	Flowing pools of spring water; ---; 61	Rageau & Adam	1953
	Marshes; palm zone; 89	Hamon	1954b.
	Marshy edges of small ponds; ---; 89	Hamon et al.	1956b.
	---; in dense coastal and inland forests; 156	Doucet et al.	1960
	Swamps; bites outdoors, in houses; 163°	van Someren et al.	1955
	---; rarely bites; 163°	Teesdale	1959
	---; second growth forest; 163	Garnham et al.	1946
	---; ---; 186, 206, 273	Stone et al.	1959

SPECIES	BREEDING HABITATS, ADULT ACTIVITY, DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA			
plumosa (Theobald) (cont.)	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 227, 292. (Borrow pits and pools with vegetation bite at night)	Leason	1958
	Papyrus swamps, inside as well as peripheral zones, in virgin and recently cut papyrus areas, high altitude swamp with high organic matter, *Miscanthidium* swamps, edges of marshes; ---; 320	Gouze	1960
	freshly or recently cut papyrus areas in swamps; ---; 320	Gouze	1958
	Littoral swamps, permanent inland swamps; ---; 320	Gouze	1961
	---; bites by night in open ground of lowlands, enters houses, occasionally in forest; 320°	Haddow et al.	1951
	---; ---; 324	Hamon	1954a.
	---; ---; 364	Harris	1942
roubaudi (Doucet)	Leaf axils; ---; 186	Mattingly & Grjebine	1958
spinosa (Doucet)	---; ---; 186	Stone et al.	1959
splendens (Theobald)	Swamps with sedge and floating grass; ---; 13	Lewis	1948
	---; ---; 13, 44, 123, 214, 226, 230, 320, 365. (Permanent water with vegetation)	Edwards	1941
	Pistia, grassy marsh on river edge; ---; 89	Hamon et al.	1956b.
	Dams, swamps, pools, streams; in bush, very rare; 163	van Someren et al.	1955
	---; ---; 186	Senevet & Andarelli	1959
	---; inland lowland; 214	Brooke Worth & de Meillon	1960
	Pistia-covered borrow pits; ---; 226	Hanney	1960
	Pistia, rice fields; ---; 273	Hamon et al.	1956a.
	---; vegetation surrounding small pond in open country; 273	Kartman et al.	1947
	---; ---; 319	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTIONS (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA			
splendens (Theobald) (cont.)	Lake-shore swamps, river swamps, invariably among *Pistia* and *Ceratophyllum*, in clean water, also in turbid and brackish water, in foul-smelling water, in grass and *Pistia* zone of river swamps; ---; 320	Goma	1960
	Littoral swamps, ---; 320	Goma	1961
	Common among *Pistia* and reeds in coastal bays, in grassy pools; ---; 364	Smith	1955
	Water storage tanks and quarries, ---; 364	Harris	1942
uniformis (Theobald)	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 226, 230, 292, 320. (Permanent water with vegetation)	Edwards	1941
	---; ---; 14	Gândara	1958
	---; ---; 54, 112, 156, 206, 273, 319	Stone et al.	1959
	Pistia on edge of rivers, lakes, ---; 61	Rageau & Adam	1953
	Grassy marshes and *Pistias*; crab holes; 89	Hamon	1954b.
	Streams, rivers, dams, swamps, pools; ---; 163	van Someren et al.	1955
	Clear, slow moving water with vegetation, muddy water; ---; 186	Doucet	1949
	Pools with floating rich vegetation; ---; 186	Grjebine	1954
	---; coastal, highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 227	Peters	1955
	Common in lake-shore swamps, among grass, fern and *Azolla*, also in river swamps, among *Pistia* and *Ceratophyllum*, pools in *Miscanthidium* swamps, clear or foul water; ---; 320	Goma	1960
	---; ---; 322	Mattingly & Grjebine	1958
	---; ---; 324	Hamon	1954a.
	Ground pool, water hole with thick grass, in *Pistia* beds; ---; 364	Smith	1955
uniformis var. *malfeyti* Newstead	---; ---; 13, 44, 123, 226, 320, 365. (Permanent water with vegetation)	Edwards	1941
	Edge of large swamps with *Pistia*; ---; 175	Peters	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY, DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
FICALBIA			
malthozona van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
HARPAGOMYIA			
farquharsoni (Edwards)	Leaf axils in dense underwoods of oil palm zone; ---; 89	Hamon et al.	1956b.
	---; ---; 226	Edwards	1941
fraseri (Edwards)	---; forest, May; 61	Rageau & Adam	1953
	---; very rare in forest; 320	Haddow et al.	1951
marceli (Mattingly)	---; ---; 44	Mattingly & Lips	1953
moucheti (Hamon & Adam)	---; May, Aug.; 61	Hamon & Adam	1955 (1956)
taeniarostris (Theobald)	---; ---; 13, 44	Edwards	1941
	Artificial containers, pineapple leaf axils, *Xanthosoma* axils; ---; 123	Surtees	1958
	---; in dense inland forest; 156	Doucet et al.	1960
	Axils of wild banana near edge of forest; ---; 163	Garnham et al.	1946
	Leaf axils of *Pandanus*; ---; 175	Peters	1956
	Xanthosoma and pineapple axils; ---; 226	Surtees	1959
	Banana axils, at edge of forest; ---; 226	Hanney	1960
	Plant axils; ---; 320	Haddow	1948
	---; plantations and forest in lowlands and highlands, rare in houses and canopy; 320	Haddow et al.	1951
	---; ---; 320°	Lumsden	1952
	Leaf axils of *Bilbergia mutans* and arum lily; ---; 322	Muspratt	1955
	Leaf axils; ---; 364	Harris	1942
trichorostris (Theobald)	---; ---; 44, 123, 279	Edwards	1941
	---; Oct.; 61	Rageau & Adam	1953
	Leaf axils; ---; 89	Hamon et al.	1956b.
	Axils of coco-yam and banana plants; ---; 226	Bruce-Chwatt	1957

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS, ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
HARPAGOMYIA			
trichorostris (Theobald) (cont.)	In axils of *Billbergia nutans* and arum lily; ---; 322	Ingram & de Meillon	1927
HODGESIA			
cyptopus Theobald	---; ---; 13	Lewis	1956b.
	---; ---; 44, 123	Edwards	1941
	---; in dense coastal forest; 156	Doucet et al.	1960
	Shallow well, well-shaded and with little vegetation; ---; 175	Peters	1956
	Grass and papyrus and in river swamps, interior of papyrus swamps, in virgin *Miscanthidium* and in regenerated papyrus areas, highest productivity in recently burnt papyrus habitats; ---; 320	Goma	1960
	Near dry land in littoral swamps, permanent inland swamps, seasonal inland swamps; ---; 320	Goma	1961
	---; bite during day at all levels, peaks before midday, in afternoon; 320*	Williams	1963
	---; banana plantations, diurnal; 320	Haddow & Snenbouge	1962
	---; in forest; 320	Corbet	1964a.
nigerice Edwards	---; ---; 44	de Meillon & Lavoipierre	1944
	Marshes with fresh, stagnant water, filled with vegetation debris, shaded; ---; 89	Hamon et al.	1956b.
	---; ---; 123, 206	Stone et al.	1959
	In dense inland forest; ---; 156	Doucet et al.	1960
	In mill shallow well with clean water; ---; 175	Peters	1956
	---; ---; 226, 279	Edwards	1941
paecilopus Edwards	---; ---; 44	Edwards	1941
	Shaded edges of forest pools, flowings and pools of spring water; ---; 61	Rageau & Adam	1957
	---; ---; 123	Mattingly	1947
sanguinea Theobald	---; ---; 226	Bequaert	1930
	---; ---; 279	Evans	1926

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS: ADULT ACTIVITY: DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
HODGESIA			
sanguinea Theobald (cont.)	Pools in virgin papyrus and virgin *Miscanthidium* swamps and among fern in vegetational zone of swamp, some pools with pH 4.4; ---; 320	Gona	1960
	---; lake shore forests; 320	Haddow & Dick	1948
sanguinis Theobald	---; ---; 44, 320	Edwards	1912
	Residual pool of little shade, dry season pool of extensive swamp; ---; 226	Wigglesworth	1939
	---; houses; 226	Delzial	1920
HOWARDINA			
unilineata Theobald	---; ---; 54, 226	Edwards	1912
	---; ---; 163	Anderson	1924
INGRAMIA			
circumtestacea (Theobald)	---; ---; 13	Edwards	1912
malfeyti (Newstead)	---; ---; 44	Edwards	1912
	Water holes containing clear water with plenty of shade; June-Dec.; 123	Ingram	1912
nigra (Theobald)	---, ---; 44, 226, 320	Edwards	1912
uniformis (Theobald)	---; ---; 13, 230	Edwards	1912
	---; ---; 226	Simpson	1912
	---; ---; 320	Neave	1912
LEPTOSOMATOMYIA			
fraseri (Edwards)	---; ---; 279, 320	Edwards	1914
LEUCOMYIA			
quasigelida var. *conformis* Newstead	---; ---; 163	Anderson	1913
LUTZIA			
bigripes Grenpré & de Charmoy	Ditches, various containers; Apr.-May; 44	Schwetz	1927
	---; very rare; 44. Very predaceous, in dry season; in houses; 115	Gelliard	1931b.
	---; ---; 117, 163, 214, 227, 230, 279, 292, 320. (Barrels, water troughs, dipping tanks, pools, ponds, streams)	Bedford	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS: ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
LUTZIA			
tigripes Grandpré & de Charmoy (cont.)	---; ---; 123	Macfie & Ingram	1916a.
	---; ---, 131	Toumanoff & Simond	1956 (1957)
	Holes of fallen trees in forest clearings, artificial containers of clear or foul water; semi-domestic; 175	Bequaert	1930
	Artificial containers; ---; 226	Connal	1926a.
	Marshy spots with dense vegetation, in pools without vegetation, in concrete basins, in open field and in sheltered places, in clear, muddy or quite dirty water, stagnant water, permanent as well as temporary; ---; 322	Nieschulz et al.	1934
	Water from coconut palms; ---; 364	Edwards	1923a.
tigripes var. *fusca* Theobald	---; ---: 44	Schwetz & Edwards	1927
	Rotting wood, pools with *Pistia*; ---; 123	Macfie & Ingram	1923
	Swamps, hospital drain area; ---; 279	Evans	1925
MALAYA			
farquharsoni (Edwards)	---; ---; 89, 226	Stone et al.	1959
fraseri (Edwards)	---; ---; 320	Stone et al.	1959
marceli (Mattingly)	---; ---; 44	Stone et al.	1959
moucheti (Hamon & Adam)	---; ---; 61	Stone et al.	1959
taeniarostris (Theobald)	---; ---; 13, 44, 175, 226, 320, 322, 364	Stone et al.	1959
trichorostris (Theobald)	---; ---; 61, 89, 123, 279	Stone et al.	1959
	---; ---; 320	Williams	1963
MANSONIA			
africana (Theobald)	---; ---; 13, 43, 44, 102, 117, 186, 227, 230, 279. (Vicious biter, vector of yellow fever)	Kumm	1931
	---; ---; 14	Brooke Worth & Paterson	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS: ADULT ACTIVITY: DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA *africana* (Theobald) (cont.)	---; ---; 43, 214, 227, 230. (Swamps attached to *Pistia* roots, bites man day, evening and night, indoors and outdoors, naturally infected with *Wuchereria* and experimental vector of yellow fever)	Leeson	1958
	Pools, swamps with *Pistia*; ---; 123	Ingram & Macfie	1917
	---; in houses; 123, 163. ---; ---; 214	Laurence	1960
	---; bites at midnight; 156°	Doucet	1961 (1962)
	---; common in the open, all year, peak Oct.-Nov.; 163	Haddow	1942a.
	Swamps and ponds with much vegetation; in dwellings; 175	Briscoe	1950
	---; peak Nov.-Dec.; 175	Fox	1958
	---; coastal, inland lowland, riverine; 214. ---; naturally infected with Spondweni virus; 322	Brooke Worth & de Meillon	1960
	Roots of *Pistia stratiotes*, *Impatiens irvingi*, *Hydrolea glabia*; very abundant, bites indoors and outside houses, greatest density on edges of swamps, bites about sunset, maximum activity about two hours later; 226°. (Experimental vector of yellow fever)	Kerr	1933
	Swamps, *Pistia stratiotes*; Dec.-Jan., late evening hours to early morning, edges of villages near forest, bites man; 226°	Boorman	1960
	Among *Pistia* in ditches; ---; 226	Boorman & Service	1960
	---; experimentally infected with *Wuchereria bancrofti*; 226	Neveu-Lemaire	1933
	---; experimental transmission yellow fever; 226	Bruce-Chwatt	1950
	---; Feb., July-Sept., Nov.; 226	Service	1963
	---; all year; 226	Hanney	1960
	---; ---; 292°	McIntosh et al.	1963
	Preference for moderately clean water, somewhat more in lake-shore swamps, river swamps, inland swamps, in virgin and completely regenerated swamps; ---; 320	Goma	1960
	---; grasslands, thickets, enter huts; 320	Corbet	1964b.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA			
africana (Theobald) (cont.)	---; bites at ground level between 1800-0600 hours; 320°	Williams	1963
	---; active at night; 320	Corbet & Haddow	1961
	---; all year; 320	Corbet	1963a.
	---; lake shore forest; 320	Haddow & Dick	1948
	---; in forest; 320	Corbet	1964
	---; Sept., Oct.; 322. (Swamps, attaches to roots of water plant, *Pistia stratriotes*)	Edwards	1915
	---; ---; 322. (Naturally infected with Bunyamwera Sindbis virus)	Brooke Worth et al.	1961
	---; ---; 364	Gillies	1963
africana var. *nigerrima* Theobald	---; in houses all year, peak Oct.-Nov.; 163	Haddow	1942a.
	---; ---; 273, 320, 364	Stone et al.	1959
annettii (Theobald)	---; ---; 44, 175, 206, 319	Stone et al.	1959
	---; bites at 7 p.m.; 156°. ---; nocturnal, bites 6 p.m. to 6 a.m., maximum 6 p.m. to 10 p.m.; 226°	Doucet	1961 (1962)
	---; ---; 279	Dalziel & Johnson	1915
aurea (Edwards)	---; ---; 13, 44, 226, 364	Stone et al.	1959
	---; highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 292, 322. (Forest pools, bites man outdoors at night and early morning)	Leeson	1958
	---; bites by day in lowland forest, rarely by night in canopy; 320°	Haddow et al.	1951
aurites (Theobald)	---; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 44, 89, 115, 206	Stone et al.	1959
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Among *Pistia* in ditches; ---; 226	Boorman & Service	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA			
uniformis (Theobald) (cont.)	---; ---; 227. (Swamps and grassy foul pits, vegetation is a necessity in these places, bites man, outdoors in daytime)	Leeson	1958
	Shallow grassy swamps, in foul water in swamps; ---; 320	Goma	1960
	---; bites day and night in lowland forest, plantations and canopy, enters houses; 320°	Haddow et al.	1951
	---; swarms at night above forest canopy; 320	Corbet & Haddow	1962
	---; bites after sunset, at night; 320°	Williams	1963
	---; all year; 320	Corbet	1963a.
	---; active at night; 320	Corbet & Haddow	1961
	---; marshy area; 364	Harris	1942
chrysosoma (Edwards)	---; ---; 13, 163, 230, 322	Stone et al.	1959
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
cristata (Theobald)	---; ---; 13, 14, 117, 175, 206, 279, 319	Stone et al.	1959
	---; enters houses; 44	van den Branden & van Hoof	1924
	---; ---; 163	Anderson	1924
	---; inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; bites inside houses; 226°	Hanney	1960
	---; June-July, Nov.; 226	Service	1963
	---; ---; 227, 230, 292. (Swamps and seepage)	Leeson	1958
	In small shallow seepage swamps overgrown with semi-aquatic vegetation; ---; 320	Goma	1960
	---; ---; 322	Brooke Worth & Paterson	1961
flavocincta (Edwards)	---; ---; 44, 227, 292, 364	Stone et al.	1959
fraseri (Theobald)	---; ---; 13, 44	Stone et al.	1959
	In shallow grassy swamp in dense forest; ---; 320	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA			
fraseri (Theobald) (cont.)	---; active at night, rest outside forest during day; 320	Corbet & Haddow	1961
	---; all year; 320°. (Grass swamps)	Corbet	1963a.
fuscopennata (Theobald)	Swamps; ---; 14, 44, 102, 163, 320, 322, 364	Hopkins	1952
	---; ---; 54	Edwards	1915a.
	---; on bushes, forest vegetation, enter houses, bites man at night; 216°, 364°	Edwards	1941
	Swamps dominated by Cyperaceae, grass swamps; ---; 320	Goma	1960
	---; active at night, bite over open ground at night, peak of activity in second hour after sunset for males, in third hour before sunrise for females; 320°	Corbet & Haddow	1961
	---; bites day and night in lowland forest, plantations, canopy and open ground; 320°	Haddow et al.	1951
	---; naturally infected with Rift Valley fever virus; 320. (Vector of Rift Valley fever)	Haddow	1961
	---; swarms at night above forest canopy; 320	Corbet & Haddow	1962
	---; all year; 320	Corbet	1963a.
	---; ---; 320. (Observed beginning development of larvae of *Dipetalonema perstans* in this species)	Neveu-Lemaire	1933
	---; lake shore; 364	Harris	1942
grandidieri (Blanchard)	---; ---; 186	Stone et al.	1959
karandalaensis (Wolfs)	---; ---; 361	Stone et al.	1959
maculipennis (Theobald)	---; ---; 13, 44, 61, 112, 226, 227, 230, 292, 322, 364	Stone et al.	1959
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; lowland forest canopy and plantations, bites day and night; 320°	Haddow et al.	1951
	---; all year; 320	Corbet	1963a.
	---; active at night; 320	Corbet & Haddow	1961

TABLE 1 – [illegible] (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY, DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA			
metallica (Theobald)	---; ---; 13	Stone et al.	1959
	Shallow grassy swamps; ---; 14, 43, 44, 123, 163, 226, 279, 322	Hopkins	1952
	---; Apr.; 156	Doucet	1961 (1962)
	---; in houses; 163	Haddow	1942a.
	Ponds and swamps with vegetation; ---; 175	Briscoe	1950
	---; inland lowland, riverine, coastal, highland; 214	Brooke Worth & de Meillon	1960
	Shallow grassy swamps, peripheral zones in papyrus and mixed grass-papyrus swamps, in foul water; ---; 320	Goma	1960
	Littoral swamps, permanent inland swamps; ---; 320	Goma	1961
	---; active at night, rest outside forest during day, peak of activity in second hour after sunset; 320	Corbet & Haddow	1961
	---; naturally infected with a strain of West Nile virus; 320[c]	Woodall et al.	1961
	---; swarms at night above forest canopy; 320	Corbet & Haddow	1962
	---; all year; 320	Corbet	1963a.
	---; ---; 364	Harris	1942
microannulata (Theobald)	---; ---; 13, 44, 102, 227, 322, 364	Stone et al.	1959
	---; ---; 156	Stone	1963
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Shallow grassy swamps and in a large papyrus swamp where water contains rotting vegetation; ---; 320	Goma	1960
microannulata var. *auripennis* Edwards	---; coastal; 214	Brooke Worth & de Meillon	1960
nigritarsis (Wolfs)	---; ---; 44	Stone et al.	1959
nigrithorax (Theobald)	---; ---; 14, 44	Stone et al.	1959
pseudoconopas (Theobald)	---; ---; 13, 61, 206, 319	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT A[illegible]Y; DISTRIBUTION (GENERAL ST[illegible])	AUTHOR	DATE
MANSONIA			
pseudoconopas (Theobald) (cont.)	Swamps; ---; 44, 320	Hopkins	1952
	---; ---; 156	Stone	1963
	---; lowland forest, plantat[illegible] and ca[illegible]py, bites day and night; 320°	Haddow et al.	1951
	---; swarms at night above forest canopy; 320	Corbet & Haddow	1962
	---; all year; 320	Corbet	1963a.
rochei (Doucet)	---; ---: 186	Stone et al.	1959
schoutedani (Wolfs)	---; ---; 44, 361	Stone et al.	1959
uniformis (Theobald)	(Complete development of *Wuchereria bancrofti* larvae obtained experimentally in Central Africa)	Neveu-Lemaire	1933
	---; ---; 8	Senevet	1936
	---; crab holes; 44	Wanson	1935
	---; ---; 100	Lewis	1943a.
	---; edge of swamp, lake shore; 102	Bevan	1937
	---; experimentally infected with yellow fever virus; 117	Findlay & Davey	1936
	Clear water with *Pistia stratiotes*, mangrove swamps, swamps, lagoon: ---; 123	Simpson	1914
	---; abundant in narrow zone near coast, forest belt, rare species in inland and semi-arid areas; 123. ---; large numbers during height of dry season near marshes with water, active throughout night starting at sunset, vicious biters, inefficient lab vector of yellow fever; 226°. (May be confused with *Taeniorhyneus africanus* which is lab vector)	Kerr	1932
	---; all year, peaks in Oct. and Dec., vicious outdoor biter, bites in houses; 226°	Hanney	1960
	---; ---; 230	Stone et al.	1959
	---; ---; 292°	McIntosh et al.	1963
	Larger swamps, especially lake-shore swamps, river swamps, among grass, *Pistia* and *Ceratophyllum*, in clean and turbid water, in virgin, freshly cut and completely regenerated swamps inland; ---; 320	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA			
uniformis (Theobald) (cont.)	---; grasslands, thickets, bite outdoors at sunset, enter huts: 320°	Corbet	1964b.
	---; Jan.-Nov.; 320	Corbet	1963a.
	---; in forest; 320	Corbet	1964a.
	---; naturally infected with Ndumu virus; 322	Brooke Worth et al.	1961
	---; Oct.; 322. (Known carrier of filariasis)	Edwards	1915
	---; caught biting at night, indoors and outside of houses; 364°	Gillies	1963
vanoyei (Wolfs)	---; ---; 44, 361	Stone et al.	1959
versicolor (Edwards)	---; ---; 44, 61, 102, 163	Stone et al.	1959
	Shallow swamps containing aquatic vegetation, papyrus and mixed grass-papyrus swamps; somewhat rare; 320	Goma	1960
	---; in forest; 320	Corbet	1964a.
wahlbergi (Edwards)	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; ---; 322	Brooke Worth & Paterson	1961
MANSONIOIDES			
africanus (Theobald)	---; ---; 13, 43, 227, 230, 279, 320. ---; in rivers and swamps; 54	Edwards	1913
	---; forests, ponds with papyrus; 44	Schwetz	1933
	Ponds with *Pistia*; ---; 123	Zetek	1920
	---; arid, sandy soil, old sea bed, open orchard bush, thick and transitional forest; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; ---; 163	Anderson	1924
	---; very common; 214	Séguy	1933
	---; crab holes, houses; 226	Dalziel	1920
	---; partial development of *Dipetalonema perstans*; 320	Bequaert	1930
africanus var. *nigerrimus* Theobald	---; ---; 320	Edwards	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIOIDES			
mediolineata Theobald	---; ---; 230	Neave	1912
uniformis (Theobald)	---; ---; 13, 14, 43, 214, 230, 320	Edwards	1913
	Papyrus swamps; in houses: 44	Schwetz	1927
	---; very common: 44	Bequaert	1913
	---; ---; 54, 364	Neave	1912
	In borrow pits containing fairly clear water, overgrown with *Pistia stratiotes*, June-Dec.; ---; 123	Ingram	1912
	---; arid, sandy soil, old sea bed, thick and transitional forest; 123. ---; low-lying swampy area surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; ---; 163	Anderson	1924
	---; houses; 226	Dalziel	1920
	---; in houses; 279°	Simpson	1913
	---; ---; 322	Brooke Worth & Paterson	1961
MEGARHINUS			
aeneus (Evans)	---; ---; 279	Edwards	1941
aeneus var. *varidibasis* Edwards	---; ---; 320	Edwards	1935
barbipes Edwards	Tree holes, artificial containers, pools in granite boulders, fallen trees; ---; 163	Garnham et al.	1946
	---; ---; 320	Edwards	1941
brevipalpis Theobald	---; ---; 44	Schwetz & Edwards	1927
	---; ---; 61, 206, 320	Bedford	1928
	Tree holes; ---; 123	Macfie & Ingram	1923a.
	Artificial containers at high level 50 feet, tree holes, granite holes; ---; 163	Garnham et al.	1946
	Hollow stump of bamboo; ---; 175. ---; ---; 230, 279. (Predaceous)	Bequaert	1930
	Artificial containers, banana and pineapple axils; ---; 226	Surtees	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MEGARHINUS			
brevipalpis Theobald (cont.)	Edge of fresh-water swamps surrounded by salt-water marshes; ---; 226	Gilroy & Bruce-Chwatt	1945
	Tree holes and artificial containers; ---; 227	Muspratt	1945
	---; ---; 292	Edwards	1941
	Leaf axils of *Strelitzia nicolai*, small rot holes in trees and large holes in *Strelitzia* stumps; ---; 322	Muspratt	1951
	Predaceous larvae on other larvae, in tree holes, recorded in tin; ---; 364	Harris	1942
	Water from coconut palms; ---; 364	Edwards	1923a.
brevipalpis conradti Grünberg	---; ---; 13, 44, 113, 117, 123, 226, 279	Edwards	1941
	Tree holes in forest and open ground and in artificial container; enter houses; 320	Haddow et al.	1951
erythrusus (Edwards)	---; ---; 226	Edwards	1941
evansae (Edwards)	---; ---; 279	Edwards	1941
lutescens (Theobald)	---; ---; 230, 292, 364	Edwards	1941
phytophagus Theobald	---; ---; 123, 279	Edwards	1941
ruwenzori (van Someren)	Bored bamboos, mountain forest; ---; 320	Haddow et al.	1951
septentrionalis Dyar & Knab	---; ---; 8	Séguy	1924
viridibasis Edwards	---; ---; 13	Lewis	1945
	---; ---; 226, 320	Edwards	1941
MICRAEDES			
inconspicuosus Theobald	---; arid, sandy soil, old sea bed, thick and transitional forest; 123. ---; low-lying swamp surrounded by lagoon; 226	Macfie & Ingram	1916a.
	Crab holes, ---; 226	Dalziel	1920
	---; ---; 320	Neave	1912
MIMOMYIA			
hispida Theobald	---; ---; 13, 320	Edwards	1912
	Marshy ground along edge of stream; ---; 123	Macfie & Ingram	1916

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MIMOMYIA			
hispida Theobald (cont.)	In borrow pit; ---; 123	Ingram	1912
	---; thick and transitional forest, open orchard bush; 123	Macfie & Ingram	1916a.
	Hospital drain area; ---; 279	Evans	1925
	---; ---; 322	Nieschulz et al.	1934
mimomyiaformis Newstead	---; very frequently found; 44, 115, 123, 226	Galliard	1931b.
	Calabashes and artificial containers; ---; 123	Ingram	1919
	Pools with *Pistia*: ---; 123	Macfie & Ingram	1923
	---; thick and transitional forest, open orchard bush; 123. ---; low-lying swamp, surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; ---; 322	Nieschulz et al.	1934
	---; ---; 364	Aders	1917a.
plumosa Theobald	---; ---; 13, 56, 61, 89, 163, 186, 206, 214, 227, 273, 292, 324, 364	Stone et al.	1959
	---; ---; 44, 226, 320	Edwards	1912
	In marshy grounds on banks of river; ---; 123	Macfie & Ingram	1916
	In borrow pit; ---; 123	Ingram	1912
	---; thick and transitional forest, open orchard bush, arid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
splendens Theobald	---; ---; 13, 320	Edwards	1912
	Lake shore with *Pistia* and grasses; ---; 44	Schwetz	1927
	---; ---; 89, 163, 214, 226, 230, 273, 319	Stone et al.	1959
	Borrow pits covered with *Pistia*; ---; 123	Ingram	1912
	Ponds with *Pistia*; ---; 123	Zetek	1920
	---; open orchard bush, arid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
MUCIDUS			
africanus Theobald	---; ---; 44	Schwetz & Edwards	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MUCIDUS			
mucidus Karsch	---; in savannah forests and in humid shades; 44	Bequaert	1913
	Larvae predators; ---; 115	Galliard	1931b
	---; arid sandy soil, old sea bed, thick and transitional forest; 123	Macfie & Ingram	1916a.
	---; ---; 226	Simpson	1912
	---; ---; 230	Neave	1912
	---; ---; 279	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
	Old cement tank containing water rich in decaying vegetation; in houses; 364	Aders	1917a.
scatophagoides Theobald	---; ---; 13, 123, 320. (After heavy rains in mud pools and marshy ground). ---; Jan. and Feb., June; 322	Bedford	1928
	---; ---; 44	Schwetz & Edwards	1927
	---; ---; 56	Edwards	1924a.
	Temporary waters such as marshy spots covered with grass, pools of muddy water containing no vegetation, larvivorous; ---; 322	Nieschulz et al.	1934
MYZOMYIA			
costalis Loew	In water hole containing opalescent water, in hoof marks, in muddy puddles near swamp; June-Sept., Nov.-Dec.; 123	Ingram	1912
	---; ---; 226	Simpson	1912
funesta Giles	In water holes with clear water, in swamp; June-Dec.; 123	Ingram	1912
	---; ---; 131	Joyeux	1915
	---; ---; 186	Enderlein	1920
	---; ---; 226	Simpson	1912
	---; ---; 273	Noc	1920
marshalli Theobald	---; ---; 226	Simpson	1912
nili Theobald	---; ---; 226	Simpson	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MILONYIA			
pitchfordi Power	---; ---; 226	Simpson	1912
HYDROSCHUS			
barbirostris van der Wulp	---; ---; 186	Enderlein	1920
coustani Laveran	---; ---; 186	Enderlein	1920
mauritianus Grandpré & Charmoy	In water holes shaded by overhanging grass or with water weed growing on surface, at edges of swamp; June-Dec.; 123	Ingram	1912
	---; ---; 186	Enderlein	1920
	---; ---; 226	Simpson	1912
paludis Theobald	In water holes shaded by overhanging grass or with water weed growing on surface, at edges of swamp; June-Dec.; 123	Ingram	1912
	---; ---; 226	Simpson	1912
umbrosus Theobald	---; ---; 226	Simpson	1912
NEOCULEX			
horridus var. *ragesui* (Hamon & Rickenbach)	---; Apr.; 61	Hamon & Rickenbach	1955 (1956)
insignis (Carter)	---; ---; 61. ---; crab holes; 89. ---; thickets near shaded ravines; 324	Hamon & Rickenbach	1955 (1956)
laplantei (Hamon, Adam & Mouchet)	---; Mar., underwood; 61	Hamon et al.	1955 (1956)
sunyaniensis Edwards	Crab holes, under rocks; thickets near stream; 324	Hamon & Rickenbach	1955 (1956)
wigglesworthi Edwards	---; tree holes; 324	Hamon & Rickenbach	1955 (1956)
NYSSORHYNCHUS			
pharoensis Theobald	---; ---; 117	Findlay & Davey	1936
	---; ---; 226	Simpson	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
NYSSORHYNCHUS			
squamosus Theobald	In water holes with clear water overhung with grass; Sept.-Dec.; 123	Ingram	1912
watsoni Edwards	In shaded water holes which often contain filmy algae; Sept.-Dec.; 123	Ingram	1912
OCHLEROTATUS			
abnormalis Theobald	---; ---; 123	Simpson	1914
aderei (Edwards)	Holes in African almond tree; ---; 364	Aders	1917a.
aegypti (Linnaeus)	Brackish and fresh waters; common; 96	Gough	1914
albocephalus (Theobald)	---; ---; 117	Edwards	1912
	Artificial containers, earth drains, pools, crab holes; ---; 123	Ingram & Macfie	1917
	---; Feb., June, Aug.-Dec.; 322	Edwards	1915
	---; ---; 364	Aders	1917a.
alboventralis Theobald	---; ---; 14	Edwards	1912
apicoannulatus Edwards	Water filled hollow between branches; ---; 123	Ingram & Macfie	1917
	Tree holes; ---; 226	Dalziel	1920
	Rock pools and tree holes; 279	Anonymous	191[illegible]
argenteopunctatus Theobald	---; ---; 13, 292, 320	Edwards	1912
	---; houses; 226	Dalziel	1920
	---; ---; 230	Neave	1912
	Pools along river banks during summer months; ---: 322	Bedford	1918
bevisi Edwards	---; May, Sept ; 322	Edwards	1915a.
caballus Theobald	---; ---; 322	Edwards	1912
caliginosus Graham	---; ---; 123	Edwards	1913
	Borrow pits, crab holes, houses; 226	Dalziel	1920
caspius Pallas	---; ---; 96. (Prefer brackish water)	Barraud	1921

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
OCHLEROTATUS			
chelli Edwards	---; ---; 54	Edwards	1915a.
cumminsii Theobald	---; ---; 54, 230, 320	Neave	1912
	---; thick and transitional forest; 123	Macfie & Ingram	1916a.
	---; houses; 226	Dalziel	1920
	---; ---; 279	Simpson	1913
dentatus (Theobald)	---; ---; 54	Edwards	1915a.
	---; ---; 163	Anderson	1919
	---; June; 322	Edwards	1915
detritus (Haliday)	---; ---; 211	Séguy	1925a.
	---; ---; 316. (Common near salt marshes)	Séguy	1920
domesticus (Theobald)	---; arid, sandy soil, old sea bed, thick and transitional forest; 123. ---; low-lying, swampy, surrounded by lagoon; 226	Macfie & Ingram	1916a.
	Crab holes; ---; 226	Connal & Coghill	1916
	---; houses; 226	Dalziel	1920
	---; ---; 320	Edwards	1912
dorsalis (Meigen)	In shallow pool of oasis with sandy bottom having clear mineral water and no vegetation, fed by infiltrations of "séguia"; ---; 316	Langeron	1918a.
durbanensis (Theobald)	---; ---; 54	Neave	1912
	---; ---; 102, 320, 322. (Vicious biters, bites at daytime and dusk)	Edwards	1915
	---; ---; 216	Edwards	1913
	Rain water pool; ---; 364	Aders	1917a.
eatoni Edwards	---; ---; 187	Edwards	1916
echinus Edwards	---; ---; 8, 211	Séguy	1920
fascipalpis Edwards	---; ---; 364	Edwards	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
OCHLEROTATUS			
fulgens Edwards	Hole in mango tree; ---; 364	Aders	1917a.
furcifer Edwards	---; ---; 123	Edwards	1913
geniculatus (Oliver)	---; ---; 8. (Apr. and all summer, especially in woods, attacks man on hot days, tree holes with water)	Séguy	1920
hirsutus (Theobald)	---; ---; 14, 163	Edwards	1915a.
	---; ---; 54, 320	Edwards	1912
	Artificial containers; ---; 123	Ingram & Macfie	1919
	Rain pools, holes on margins of streams and ponds, hoof prints; ---; 322	Bedford	1918
irritans (Theobald)	Arid, sandy soil, old sea bed; in houses; 123. Low-lying, swampy, surrounded by lagoon; ---; 226	Macfie & Ingram	1916a.
	Small pools near lagoon, brackish water 2.2 percent salt; ---; 123	Macfie & Ingram	1916
	Crab holes, wells, boats, canoes, roof gutters, artificial containers; crab holes, houses; 226	Dalziel	1920
	---; ---; 273	Edwards	1912
	---; swamps; 364	Aders	1917a.
jugorum (Villeneuve)	---; ---; 211	Séguy	1925
leucarthrius (Speiser)	---; ---; 364	Neave	1912
longipalpis (Grünberg)	---; ---; 61, 226, 307	Edwards	1912
	Holes in mango trees; ---; 364	Aders	1917a.
longisquamosus (Theobald)	Oasis; ---; 96	Gough	1914
maculiventris (Macquart)	---; ---; 8. (In holes of water at foot of palm trees)	Séguy	1920
mariae (Sergent & Sergent)	---; ---; 8. (In salty water)	Séguy	1920
marshalli (Theobald)	---; ---; 226	Simpson	1912
	---; ---; 239	Neave	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
OCHLEROTATUS *marshalli* (Theobald) (cont.)	---; ---; 292	Edwards	1912
minutus (Theobald)	---; ---; 14, 44, 275, 320	Edwards	1912
	Crab holes in margin of lagoon; in houses; 123	Ingram & Macfie	1917
	---; arid, sandy soil, old sea bed, thick and transitional forest; 123	Macfie & Ingram	1916a.
	Rock pools; ---; 279	Anonymous	1915
nigeriensis (Theobald)	---; ---; 54, 230, 320	Neave	1912
	In muddy pool; ---; 123	Ingram	1912
	---; open orchard bush, thick and transitional forest; 123	Macfie & Ingram	1916a.
	---; ---; 163	Anderson	1919
	---; ---; 225	Simpson	1912
	Rain pool; ---; 364	Aders	1917a.
nigricephalus (Theobald)	Arid, sandy soil, old sea bed; ---; 123. Low-lying, swampy, surrounded by a lagoon; ---; 226	Macfie & Ingram	1916a.
	Crab holes, boats, canoes; houses; 225	Dalziel	1920
	---; ---; 279	Anonymous	1915
ochraceus (Theobald)	---; ---; 54	Edwards	1912
	---; ---; 163	Anderson	1919
	Crab holes; ---; 226	Connal & Coghill	1916
	---; houses; 226	Dalziel	1920
ornatus (Meigen)	---; ---; 8, 211	Edwards	1912
pembaensis Theobald	Crab holes, depressions close to high-water-mark, littoral seashore; indoors, bites man; 364°	Aders	1917a.
punctatus (Meigen)	---; ---; 8, 96. (In clear-water streams, stagnant, brackish or briny pools)	Séguy	1920
	---; ---; 316	Séguy	1929
punctor (Kirby)	---; ---; 8. (In forest)	Séguy	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
OCHLEROTATUS			
punctothoracis (Theobald)	---; ---; 14, 123, 292	Edwards	1912
	Borrow pits; crab holes, houses; 226	Delziel	1920
quadrivittatus (Theobald)	---; ---; 54, 320	Edwards	1912
	---; ---; 163	Anderson	1919
	---; ---; 230	Neave	1912
	---; ---; 292	Edwards	1913
	---; June; 322	Edwards	1915
simulans (Newstead & Carter)	---; ---; 123	Simpson	1914
	Tree hollows; ---; 279	Anonymous	1915
sudanensis Theobald	---; ---; 13	Edwards	1912
	Sides of stream in small opaque crab holes holding much suspended matter; ---; 123	Macfie & Ingram	1916
wellmanii (Theobald)	---; ---; 14, 54, 279	Edwards	1912
ORTHOPODOMYIA			
arboricellis de Charmoy	Tree holes; ---; 186	Edwards	1941
	---; ---; 201	Schwetz & Edwards	1927
	---; ---; 322	Mattingly & Brown	1955
geberti Grjebine	Tree holes in forests; ---; 186	Grjebine	1954
milloti Doucet	---; ---; 186	Stone et al.	1959
pulchripalpis (Rondani)	Tree holes; ---; 8	Senevet et al.	1954
	---; ---; 316	Stone et al.	1959
vernoni van Someren	Tree holes; ---; 186	van Someren	1949
PYRETOPHORUS			
costalis (Loew)	---; enters houses; 131	Joyeux	1915
	---; ---; 163	Anderson	1913
	---; ---; 186	Enderlein	1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PYRETOPHORUS			
marshallii (Theobald)	---; ---; 186	Enderlein	1920
myzomyifacies Theobald	---; in desert, on coast; 8	Sergent & Sergent	1918a.
RAVENALITES			
doucati Grjebine	---; ---; 186	Senevet & Andarelli	1959
jeansottei (Doucet)	---; ---; 186	Senevet & Andarelli	1959
REEDOMYIA			
sudanensis Theobald	Pools shaded by trees; bushes, undergrowth, heavy timbered ravines; 13	Theobald	1913
SABETHES			
chloropterus (Humboldt)	---; ---; 44	Corbet	1963
SKUSEA			
pembaensis Theobald	---; ---; 54, 364. ---; on seashore, attacks man readily, peak of activity at sunrise and sunset; 163*	Neave	1912
STEGOMYIA			
africana Theobald	---; ---; 14, 44, 227, 279, 320	Edwards	1912
	---; thick and transitional forest; 123. ---; low-lying swamps, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	Stagnant and running water; ---; 206	Sicé & Vaucel	1928
albomarginata Newstead	---; ---; 44	Edwards	1912
apicoargentea Theobald	---; ---; 44	Bequaert	1913
	---; thick and transitional forest; 123. ---; low-lying, swampy, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; ---; 279	Simpson	1913
	---; ---; 320	Edwards	1912
argenteoventralis (Theobald)	---; ---; 123	Edwards	1912
calopus (Meigen)	---; ---, 131	Joyeux	1915
	---; naturally infected with spirochetes, probably *Leptospira icteroides*; 273**	Noc	1920
	---; in houses; 316	Langeron	1918
	Crown of coconut palms; ---; 364	Haworth	1924

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
STEGOMYIA			
cartroni Ventrillon	---; ---; 186	Enderlein	1920
fasciata (Fabricius)	---; ---; 8, 63, 96, 316. (Larvae on aquatic plants in water, all year)	Séguy	1930
	---; in and around houses chiefly towards evening; 44	Schwetz	1915
	---; ---; 54, 227, 230, 320, 364	Neave	1912
	---; in houses; 63°	Gorner & Behrens	1942
	Rot holes in trees; ---; 123	Ingram & Macfie	1917
	Artificial containers; ---; 123	Ingram	1919
	Water holes; ---; 123	Ingram	1912
	---; arid, sandy soil, old sea bed, thick and transitional forest, open orchard bush; 123. ---; low-lying, swampy, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; ---; 163	Anderson	1919
	---; ---; 175, 273	Rodhain	1928
	---; ---; 176°	Zanon	1922
	Artificial containers, tree holes in trunks and branches of coco-trees, in mango trees and bamboos; on coast, suspected vector of dengue fever; 186	Legendre	1918
	Stagnant and running water: in houses; 206	Sicé & Vaucel	1928
	---; coastal localities, Apr.-Aug.; 211	d'Anfreville	1916
	Crab holes, tree holes, wells, boats, canoes, roof gutters, artificial containers; crab holes, houses; 226	Dalziel	1920
	Tree holes and artificial containers; ---; 279	Anonymous	1915
	---; inefficient lab vector of *Wuchereria bancrofti*; 279	Hicks	1932
	---; in houses; 279	Gordon et al.	1932
	---; ---; 284	Corrado	1925
	Small collection of water, clear or foul; in houses, Jan., Mar., May, Dec.; 322	Edwards	1915

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
STEGOMYIA			
fasciata (Fabricius) (cont.)	Artificial containers, prefer clear water, holes in mango trees; bites man, naturally infected with *Wuchereria bancrofti*; 364**	Aders	1917a.
fasciata var. *atritarsis* Edwards	---; ---; 123	Edwards	1920
fasciata race *africano-américaine*	---; suspected vector of dengue fever; 324*	Legendre	1927
fasciata race *océano-indienne*	---; ---; 186*	Legendre	1927
fraseri Edwards	---; ---; 320	Edwards	1912
funesta F.	---; ---; 364	Aders	1913
lamberti Ventrillon	---; ---; 186	Enderlein	1920
luteocephalus Newstead	---; ---; 13, 44, 320	Edwards	1912
	Sagging gutters of houses, slightly turbid water with decaying vegetation; ---; 123	Macfie & Ingram	1916
	Rot holes in trees; ---; 123	Ingram & Macfie	1917
	---; arid, sandy soil, old sea bed, thick and transitional forest; 123. ---; low-lying, swampy, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	Tree holes, crab holes, roof gutters, artificial containers; houses; 226	Dalziel	1920
maculoabdominalis Theobald	---; rocky, shady stream; 13	Theobald	1913
marshallii Theobald	Stagnant and running water; ---; 206	Sicé & Vaucel	1928
metallica Edwards	---; ---; 13	Edwards	1912
	Rot holes in trees; arid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
	Holes in *Terminalia catappa* and mango trees; ---; 364	Aders	1917a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
STEGOMYIA			
poweri Theobald	---; ---; 43, 44, 54, 227, 322	Edwards	1912
	---; ---; 163	Anderson	1919
pseudonigeria Theobald	---; ---; 14	Edwards	1912
scutellaris (Walker)	In pools formed at base of coco-trees; near coast; 186	Legendre	1918
simpsoni Theobald	---; ---; 13, 14, 230, 320, 322	Edwards	1912
	---; ---; 44	Bequaert	1913
	Axils of sheathed leaves; ---; 89	Hamon et al.	1956b.
	Rot holes in trees; ---; 123	Ingram & Macfie	1917
	---; thick and transitional forests; 123	Macfie & Ingram	1916a.
	---; ---; 226	Johnston	1916
	Almond trees, earthen ware pots; ---; 364	Aders	1917a.
sugens Theobald	---; ---; 13, 14, 102, 117, 226, 292, 320, 322	Edwards	1912
	In shallow rock pools; ---; 123	Ingram	1912
	---; thick and transitional forest, open orchard bush; 123	Macfie & Ingram	1916a.
	Stagnant and running water; ---; 206	Sicé & Vaucel	1928
	Rock pools; ---; 279	Anonymous	1915
terrens Theobald	Stagnant and running water; ---; 206	Sicé & Vaucel	1928
unilineatus Theobald	---; ---; 54	Neave	1912
	Rot holes in trees; ---; 123	Ingram & Macfie	1917
	---; acid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
vittata Edwards	Artificial containers, rock pools; ---; 123	Ingram	1919
	Large dirty pool in poultry run; ---; 364	Aders	1917a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS africanus Theobald	Grassy swamps; bites man readily near swamps in evening, in unscreened houses by day, outside screens in evening, in steamers and barges; 13*°	Lewis	1947
	Pools covered with *Pistia stratiotes*; ---; 13°	Lewis	1943
	---; ---; 13, 43, 61, 102, 115, 117, 123, 214, 227, 230, 279. (Permanent waters with much vegetation)	Edwards	1941
	---; ---; 14	Gandara	1958
	---; ---; 42. Pools and swamps in which the plant *Pistia stratiotes* was growing; ---; 57. ---; Dec.-Mar., Sept.-Oct.; 322	Bedford	1928
	Marshy region near river; marshy region near river; 44	Vincke	1959
	On board ships in rivers; ---; 44. Attached to duckweed, *Lemna*; ---; 226. (Vector of *Wuchereria bancrofti*)	Bequaert	1930
	---; naturally infected with bancroftial filaria; 44	Smith	1955
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Pistia pools; houses at night, very aggressive, suspected vector of bancroftial filaria; ---; 61°	Rageau & Adam	1953
	Pistia; houses; 89	Hamon et al.	1956b.
	---; houses, underwood, crab holes, attacks at sunset and during day; 89	Hamon	1954b.
	---; plains, thickets, bites during rainy season, in houses, Apr., July, Nov.; 102°	Ovazza et al.	1956
	---; anthropophilic, possible vector of yellow fever; 102	Chabaud & Ovazza	1958
	---; lake shore; 102	Bevan	1937
	---; coasts, forests, savannahs, intolerable by man, attacks man fiercely during dry season; 115°	Galliard	1931b.
	---; in houses, July-Sept., Nov.; 117°	Bertram et al.	1958
	---; in dense inland forest, in savannah with heavy rainfall; 156	Doucet et al.	1960
	Swamps; bites inside houses but commonly outdoors; 163°	van Someren et al.	1955
	---; all year, nocturnal, in houses, bites at night indoors; 163°	van Someren et al.	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS, ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS africanus Theobald (cont.)	---; rarely bites; 163°	Teesdale	1959
	In edge of swamps and in ponds with *Pistia*; in houses, vicious day biter; 175°	Peters	1956
	Tree holes; ---; 186	Grjebine	1954
	Creeks choked with *Pistia*; ---; 226°	Mattingly	1949
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	---; very aggressive at sunset, in houses, bites in underwood 10 a.m.; 273°	Hamon et al.	1956a.
	---; in huts, May-Ju[illegible]: 273	Kartman et al.	1947
	---; in houses; 279	Gordon et al.	1932
	---; bites by day in lowland forest, common, occasionally in open ground and canopy; 320°	Haddow et al.	1951
	---; peak of activity at end of dry season; 320. Breeds throughout year; shrubs, most active biting, enters tents, experimental vector of yellow fever; 322	de Meillon et al.	1957
	---; experimental transmission of yellow fever; 320	Haddow & Dick	1948
	---; uninhabited forests, potential vector of yellow fever; 320	Mahaffy et al.	1942
	---; peak of biting activity 2 a.m. to 5 a.m.; 320°	Gillett	1957
	---; in huts; 320	Hadaway	1950
	---; in trees; 320	Haddow et al.	1948
	---; outside railway coach; 322	Ingram & de Meillon	1927
	---; ---; 324	Hamon	1954a.
	In *Pistia* beds among swamps, in floating grass in swamps, in grass pits: all year; 364	Smith	1955
	Swamps, backwaters, old quarries of water reservoirs; ---; 364	Harris	1942
	---; bites outdoors and indoors, naturally infected with microfilariae; 364°	Smith	1955a.
	---; naturally infected with *Wuchereria bancrofti*; 364*	Manson-Bahr	1959
	---; in houses; 364	Gillies	1954

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS			
africanus var. *nigerrimus* Theobald	---; lowland forest occasionally, bites by day; 320°	Haddow al.	1951
	---; ---; 364	Edwards	1941
annetti Theobald	---; marshy region near river; 44	Vincke	1959
	---; coco-tree zone, houses; 89	Hamon	1954b.
	---; in dense coastal forests; 156	Doucet et al.	1960
	---; forest gallery in low vegetation of underwood;	Hamon et al.	1957 (1958)a.
	---; low-lying swampy, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; houses; 226	Dalziel	1920
	---; ---; 320	Neave	1912
annetti var. *pseudoconops* Theobald	---; ---; 44	Schwetz & Edwards	1927
atroapicalis Gillett	Shallow grassy swamp in thick forest; ---; 320	Gillett	1946
aureus Edwards	---; ---; 13	Lewis	1956b.
	---; ---; 44	Schwetz & Edwards	1927
	---; lowland forest canopy and plantations, bites by day and night; 320°	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; in bush and in grass near water, between 6:30 a.m. and 7 a.m.; 322	Bedford	1928
	---; Sept.-Nov.; 322	Edwards	1915
	---; Sept.; 322	Edwards	1915a.
	---; biting near reeds by river bank; 364°	Harris	1942
auripennis Edwards	---; ---; 13, 320	Edwards	1915a.
	---; ---; 44	Schwetz & Edwards	1927
aurites Theobald	On board ships in rivers; ---; 44. (Apparently restricted to rain forest)	Bequaert	1930
	---; marshy region near river; 44	Vincke	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS aurites Theobald (cont.)	---; oil palm, underwood; 89	Hamon et al.	1956b.
	Water with aquatic vegetation, such as *Pistia stratiotes, Impatiens irvingii,* and *Hydrolea glabra*; ---; 115	Galliard	1931b.
	---; ground level in forest; 163°	Garnham et al.	1946
	---; low-lying swampy, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; houses; 226	Dalziel	1920
	---; ---; 227	Robinson	1948
	Foul water in swamps, drainage ditches with vegetation; ---; 320	Hopkins	1936
	---; lowland forest canopy and plantations, bites by night; 320°	Haddow et al.	1951
	---; in marshes; 364	Harris	1942
chrysosoma Edwards	---; ---; 13	Lewis	1956b.
	---; bites outdoors, very rare; 163°	van Someren et al.	1955
	---; in huts; 163	Garnham & Harper	1944
	---; ---; 214	Pereira	1946
	---; ---; 230	Edwards	1941
chubbi Edwards	---; outside railway coaches; 322	Ingram & de Meillon	1927
	---; Sept.-Oct.; 322	Edwards	1915
cristatus Theobald	Permanent waters with much vegetation; ---; 13, 14, 44, 230, 279, 292, 320	Edwards	1941
	---; bites man readily; 13°	Lewis	1947
	---; marshy region near river; 44	Vincke	1959
	---; ---; 54	Neave	1912
	---; river banks; 102	Bevan	1937
	---; July; 117	Bertram et al.	1958
	---; ---; 163	Anderson	1919
	---; in a house, during daytime; 175	Peters	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS			
cristatus Theobald (cont.)	---; in houses, Nov.; 226	Mattingly	1947
	---; ---; 227	Robinson	1948
	Seepage, swamp; ---; 320	Hopkins	1952
flavocinctus Edwards	Grassy marshes, on aquatic plants; ---; 44	Lips & Hamon	1956
	---; marshy region near river; 44	Vincke	1959
	---; ---; 227, 364	Edwards	1941
	---; ---; 292	de Meillon & Lavoipierre	1944
flavus Ventrillon	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schwetz & Edwards	1927
fraseri Theobald	---; ---; 13	Lewis	1956b.
	---; ---; 44	Gillett	1949
	---; lowlands only; 320	Haddow et al.	1951
fuscopennatus Theobald	---; ---; 14. (Semi-permanent and permanent collections of water with aquatic plants, annoys and bites man). Grassy swamps; ---; 320°	Gillett	1946
	---; marshy region near river; 44	Vincke	1959
	---; near lake; 102	Bevan	1937
	---; in huts; 163	Garnham & Harper	1944
	---; biting in evening in houses, partial development of *Dipetalonema perstans*; 320°. ---; ---; 361	Bequaert	1930
	---; forests, nocturnal, bites man after sunset; 320°	Haddow et al.	1947
	---; lake shore forest; 320	Haddow & Dick	1948
	---; peak Nov.; 320	Lumsden	1952
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; outside railroad carriage; 322	Ingram & de Meillon	1927
	---; Dec.-Feb., Oct., Apr.; 322	Bedford	1928
	---; in houses; 364	Aders	1917a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS			
grandidieri Blanchard	---; ---; 186	Edwards	1941
karandalaensis Wolfs	In marsh; ---; 44	Wolfs	1951
maculipennis Theobald	---; ---; 13	Lewis	1956b.
	---; marshy region near river; 44	Vincke	1959
	Pistia pools; ---; 61	Rageau & Adam	1953
	---; attack man at ground level in forest; 163*	Garnham et al.	1945
	---; very rare, in highland only; 163	van Someren et al.	1955
	---; forest gallery; 226	Hamon	1954
	In shallow dirty waters with aquatic vegetation, both forest and open lake areas; feeds on man by day in forest; 320*	Gillett	1946
	Shallow, grassy swamp; ---; 320	Gillett	1945
	---; peak Nov.; 320	Lumsden	1952
	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
mediolineata (Theobald)	---; ---; 13, 44, 123, 230	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
metallicus Theobald	---; outside house screens in evening, in steamers and barges by day; 13	Lewis	1947
	---; ---; 13, 14	Bequaert	1930
	---; ---; 43, 123, 230, 279	Edwards	1941
	---; marshy region near river; 44	Vincke	1959
	---; ---; 54	Edwards	1915a.
	---; houses, Mar., Apr.; 61	Rageau & Adam	1953
	Grassy marsh; ---; 89	Hamon et al.	1956b.
	---; palm and coco-tree zones; 89	Hamon	1954b.
	---; July; 102	Ovazza et al.	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS metallicus Theobald (cont.)	---; very rare, along coast; 163	van Someren et al.	1955
	---; ---; 175	Peters	1956
	---; low-lying, swampy area, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; houses; 226	Dalziel	1920
	---; in huts, May-June; 273	Kartman et al.	1947
	Grassy swamps; ---; 320	Gillett	1946
	---; forest lowland and plantations, bites by day; 320*	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; Nov.; 322	Edwards	1915
	---; ---; 324	Hamon	1954a.
	---; Mar., Nov.; 364	Smith	1955
microannulatus Theobald	---; ---; 13, 227, 320. (Permanent waters with much vegetation)	Edwards	1941
	---; ---; 44	Mattingly & Lips	1953
	---; in dense inland forest; 156	Doucet et al.	1960
	---; ---; 214	Pereira	1946
	Shallow grassy swamps, papyrus swamp; ---; 320	Gillett	1946
	---; lowland forest canopy and plantations, bites by day and night; 320*	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
microannulatus var. *auripennis* Edwards	---; ---; 13, 320, 364	Edwards	1941
	---; marshy region near river; 44	Vincke	1959
	---; in dense inland forest; 156	Doucet et al.	1960
nigrithorax Theobald	---; ---; 14	Gândara	1958
	River; in houses; 44	Schwenz	1927
	---; marshy region near river; 44	Vincke	1959
pseudoconopas Theobald	---; ---; 13	Lewis	1956b.
	---; ---; 44, 320	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS			
pseudoconopas Theobald (cont.)	---; Mar., Apr., Dec.; 61	Rageau & Adam	1953
	---; in dense coastal forest; 156	Doucet et al.	1960
	Roots of *Thaumatococcus* in 2 cm. of water in dense forest; forest; 320	Gillett	1946
	---; lowland forest canopy and plantation, bites by day; 320*	Haddow et al.	1951
schoutedeni Wolfe	Papyrus swamp; ---; 44	Hopkins	1952
uniformis Theobald	Grassy swamps; bites readily near swamps, outside house screening in evening, in unscreened houses by day, in steamers and barges by day, experimentally infected with yellow fever virus; 13*	Lewis	1947
	---; ---; 13, 55, 163, 279. ---; Nov.-Apr.; 322. (Carrier of *Wuchereria bancrofti*)	Bedford	1928
	---; ---; 13*	Lewis	1956b.
	---; ---; 14, 43, 123, 214, 227, 230, 292. (Permanent waters with much vegetation)	Edwards	1941
	Marshy region near rivers; marshy region near rivers; 44	Vincke	1959
	On board ships in rivers; ---; 44	Bequaert	1930
	---; Jan.-Apr., June; 61	Rageau & Adam	1953
	---; houses; 61	Rageau et al.	1953
	Grassy marshes on river edge; ---; 89	Hamon et al.	1956b.
	---; houses, underwood, crab holes, attacks at sunset and day; 89*	Hamon	1954b.
	---; ---; 100	Lewis	1943a.
	---; banks of rivers; 102*	Ovazza et al.	1956
	---; coasts, forests, savannahs, intolerable by men, attacks man fiercely during dry season; 115*	Galliard	1931b.
	On *Pistia* in fresh water marsh; bites outdoors and indoors, July-Sept., Nov.; 117*	Bertram et al.	1958
	---; in dense inland forest; 156	Doucet et al.	1960
	Swamps; bites inside houses but commonly outdoors; 163*	Van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS uniformis Theobald (cont.)	---; all year, bites after sunset, in houses all day; 163*	van Someren et al.	1958
	---; bites rarely; 163*	Teesdale	1959
	---; in houses, vicious day biter; 175*	Peters	1956
	Marshes with *Pistia stratiotes*, littoral lagoons, ponds, parts of stream with *Pistia stratiotes* and *nymphea*; houses at night, naturally infected with filaria; 186*. ---; naturally infected with non-infective filariae; 364	Grjebine & Brygoo	1958
	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
	---; very aggressive at sunset, bites at 10 a.m. in underwood, houses; 273	Hamon et al.	1956a.
	---; ---; 275*	Mattingly & Brown	1955
	---; ---; 279*	Gordon et al.	1932
	Swampy rivers; ---; 320	Hopkins	1952
	---; lowland forest, huts, tents, common, occasionally on open ground and forest canopy, bites by day; 320*	Haddow et al.	1951
	---; forests, nocturnal, peak of activity, after sunset, 6 p.m.-10 p.m.; 320	Haddow et al.	1947
	Pools, swamps, streams, dams, troughs, crab holes; ---; 322	Muspratt	1955
	---; outside railway coach; 322	Ingram & de Meillon	1927
	---; ---; 322. (Naturally infected with Spondweni)	de Meillon	1957
	---; ---; 324	Hamon	1954a.
	In *Pistia* beds in floating grass in swamps, in grass pits; ---; 364	Smith	1955
	---; bites outdoors and indoors, naturally infected with microfilariae; 364*	Smith	1955a.
	---; in trains and near lake shores; 364	Harris	1942
	---; in houses; 364	Gillies	1954
versicolor Edwards	---; ---; 44	Mattingly & Lips	1953
	---; Apr.; 61	Rageau & Adam	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS			
versicolor Edwards (cont.)	---; banks of lake sand plains, in houses, Apr., July; 102	Ovazza et al.	1956
	---; on tree platform at 30 feet, 163	Garnham et al.	1946
	Shallow swamps containing aquatic plants; ---; 320	Gillett	1946
	---; in houses; 320	Edwards	1913
wahlbergi Edwards	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
THEOBALDIA			
annulata (Schrank)	Collections of water on palms; ---; 8	Clastrier & Senevet	1961
	---; ---; 63	Séguy	1921
	In seepage water; ---; 96	Gad	1956
	---; ---; 211	Senevet & Andarelli	1956
	---; ---; 316°	Roubaud & Colas-Belcour	1933
atlantica Edwards	---; ---; 36	Galliard	1933
fraseri Edwards	---; ---; 13	Lewis	1956b.
	Rivers; ---; 44	Lambrecht & Zaghi	1960
	Rot holes in trees; ---; 44, 226, 279, 292, 320	Edwards	1941
	---; in dense inland forest; 156	Doucet et al.	1960
	Tree holes, holes in fallen trees; ---; 163	Garnham et al.	1946
	---; ---; 292. (Tree holes, bites man by day outdoors)	Leeson	1958
	---; occasionally in lowland forest, bites by day; 320°	Haddow et al.	1951
fumipennis Stephens	Lakes; along roads; 8	Senevet	1936
	---; ---; 8. (Grassy pools covered with *Lemna*, swamps, bites all day, in houses)	Séguy	1924
	---; ---; 211	Senevet et al.	1954
	---; ---, 316	Séguy	1932
litorea (Shute)	In lakes; ---; 8. (Collection of water rich in vegetation, in earth depressions)	Doby et al.	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
THEOBALDIA			
moreitans Theobald	In marshes; ---; 8	Séguy	1932
	---; ---; 8. (Very aggressive at end of Apr.)	Séguy	1924
	---; rare; 211	Charrier	1924a.
spathipalpis Rondani	---; ---; 13, 36, 63, 187. In gardens, artificial containers full of vegetable debris and stagnant water; ---; 316	Langeron	1918
	---; winter; 96	Gough	1914
subochrea Edwards	---; Jan.-July, Sept.-Oct.; 8	Senevet & Andarelli	1960
TOXORHYNCHITES			
aenaeus (Evans)	---; ---; 44, 279	Stone et al.	1959
	---; ---; 156	Doucet	1961 (1962)
barbipes Edwards	---; ---; 163, 175, 320	Stone et al.	1959
	Tree holes and artificial containers; ---; 175	Peters	1956
brevipalpis Theobald	Tree holes, rarely in bamboo pots; ---; 44	Laarman	1958
	Rivers, *Pandanus* plants; ---; 44	Lambrecht & Zaghi	1960
	---; trees in savannahs, in houses; 44*	Bequaert	1913
	---; ---; 61	Edwards	1912
	Tree holes; ---; 123	Boorman & Porterfield	1957
	---; thick and transitional forest; 123. ---; low-lying swampy, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; ---; 131	Joyeux	1915
	---; in dense forests near coast and inland in savannah with light rainfall; 156	Doucet et al.	1960
	Tree holes, artificial containers, bamboo pots, pits, rock holes and wells; in houses; 163	van Someren et al.	1955
	---; ---; 186, 227, 230, 292	Stone et al.	1959
	---; coastal; 214	Brooke Worth & de Meillon	1960
	Predaceous, leaf axils of *Strelitzias nicolai*, tree holes, artificial containers; ---; 216. ---; ---; 64	Muspratt	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TOXORHYNCHITES			
brevipalpis Theobald (cont.)	Pipes, crevices of flamboyants; ---; 273	Hamon et al.	1956a.
	Fork in orange tree, hospital drainage; ---; 279	Evans	1925
	---; in living quarters; 279	Simpson	1913
	Predaceous; usually oviposits near ground level in tree holes in shaded area; 320	Corbet	1964e.
	Rot holes in tree; ---; 322	Ingram & de Meillon	1927
	---; Feb., Apr.; 322	Edwards	1915
	Ubiquitous, holes in mango tree; ---; 364	Aders	1917a.
brevipalpis conradti Grünberg	---; ---; 13, 44, 115, 117, 123, 226, 254, 279	Stone et al.	1959
	Cut bamboo; ---; 61	Rageau & Adam	1953
	Leaf axils, bamboo hollows, tree crevices, artificial containers; ---; 89	Hamon et al.	1956b.
	---; in houses, Aug.-Sept.; 117	Bertram et al.	1938
	---; ---; 156	Doucet	1961 (1962)
	In tree holes and artificial containers; ---; 175	Peters	1956
	---; ---; 206	Enderlein	1931
	---; ---; 248	da Costa Pinhão & da Costa Mourão	1961
	In bamboo holes; ---; 320. (Larvae predatory)	Corbet	1963
	---; ---; 324	Hamon	1954a.
erythrurus (Edwards)	---; ---; 156	Doucet	1961 (1962)
	---; ---; 226	Boorman	1961
evansae (Edwards)	---; houses, June, Dec.; 61	Rageau & Adam	1953
	---; ---; 279	Stone et al.	1959
kaimosi (van Someren)	---; ---; 163	Stone et al.	1959
	In bamboo holes; ---; 320	Corbet	1963

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TOXORHYNCHITES			
lutzeomyia Theobald	Tree holes, steps cut in coconut palms, seed pods, snail shells and bamboo pots; ---; 163	van Someren et al.	1955
	---; ---; 230, 322, 364	Muspratt	1956
	---; ---; 292	Stone et al.	1959
nairobiensis (van Someren)	---; ---; 163	Stone et al.	1959
pauliani (Doucet)	---; ---; 186	Stone et al.	1959
phytophagus Theobald	Large barrel; ---; 44	Hopkins	1952
	---; ---; 44, 175, 279	Stone et al.	1959
	Tree holes, cracks in rocks, little pools; ---; 61	Holstein	1953
	---; ---; 123	Simpson	1914
	---; ---; 156	Doucet	1961 (1962)
ravenzori (van Someren)	---; ---; 320	Stone et al.	1959
schultzei Enderlein	---; ---; 206	Enderlein	1931
viridibasis (Edwards)	Artificial containers; ---; 13	Lewis	1956b.
	---; ---; 44	Stone et al.	1959
	---; in dense coastal forest; 156	Doucet et al.	1960
	Tree holes; ---; 226	Hanney	1960
	---; ---; 324	Hamon	1954a.
URANOTAENIA			
alba Theobald	---; ---; 13	Lewis	1956b.
	---; ---; 44	Mattingly & Lips	1953
	Permanent water with vegetation; ---; 163, 292, 320, 322	Edwards	1941
	Weedy edge of crater lake; ---; 320	Hopkins	1952
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
alboabdominalis Theobald	Permanent water with vegetation; ---; 13, 44, 123, 320	Edwards	1941
	Small pools; ---; 61	Rageau & Adam	1953
	Marshes; ---; 89	Hamon	1954b.
	Marshy ground along stream; ---; 123	Philip	1921a.
	---; in dense inland forests; 156	Doucet et al.	1960
	---; Feb.; 156	Doucet	1961 (1962)
	Swamps, streams, pools, bamboo pots; bites outdoors, enters houses; 163°	van Someren et al.	1955
	---; bites rarely; 163°	Teesdale	1959
	---; ---; 175, 206	Stone et al.	1959
	---; coastal, inland lowland, highland; 214	Brookesworth & de Meillon	1960
	Ground pools in forest; commonly in crab holes; 226	Hanney	1960
	Pools in virgin *Miscanthidium*, virgin papyrus, slashed *Phoenix* swamps; ---; 320	Gows	1960
	Stagnant ditch containing clean water and overgrown with grass; ---; 320	Hopkins	1952
	---; bites by day in lowland forest; 320°	Haddow et al.	1951
	---; in forest; 320	Corbet	1964a.
	---; ---; 324	Hamon	1954a.
	In water hole with grass; ---; 364	Smith	1955
albocephalus (Theobald)	---; ---; 320°	Haddow & Ssenkubuge	1962
andavakae Doucet	Shaded swamps, mud puddles with seepages and foliage debris; ---; 186	Grjebine	1954
andreae Doucet	Bamboo; ---; 156	Doucet & Cachan	1961 (1962)
annulata Theobald	---; ---; 89	Hamon	1954b.
	Crab holes, permanent water with little or no vegetation; ---; 117, 226, 279	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA *annulata* Theobald (cont.)	---; in houses, July; 117	Bertram et al.	1958
	Artificial containers, ground holes, crab holes, tree holes, rock pools; ---; 123	Surtees	1958
	Tree holes, wells; crab holes; 226	Dalziel	1920
	---; underbrush, outhouses, tree holes, occasionally in houses; 226	Philip	1931a.
	---; ---; 273	Stone et al.	1959
	---; ---; 320	Haddow & Ssenkubuge	1962
annulata *annulata*	Crab holes; ---; 89	Hamon et al.	1956b.
	Crab holes; ---; 123	Macfie & Ingram	1916
annulata var. *apicotaeniata* Theobald	Artificial container; ---; 13	Lewis	1956b.
	---; ---; 106, 123, 175	Stone et al.	1959
	---; Feb.; 156	Doucet	1961 (1962)
	---; ---; 365	Edwards	1941
balfouri Theobald	---; ---; 13, 44, 123, 175, 214, 279, 320, 364. (Permanent water with vegetation)	Edwards	1941
	---; ---; 14	Gandara	1958
	---; ---; 54, 57, 206, 227, 319	Stone et al.	1959
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Pools with *Pistia* or manioc holes; Feb.-May; 61	Rageau & Adam	1953
	Flooded forest paths, little grassy holes, sand pits, ruts, muddy puddles; ---; 61	Doby & Mouchet	1957 (1958)
	Pools, marches, grassy marigots, *Pistia*; ---; 89. ---; ---; 307	Hamon et al.	1956b.
	---; river banks; 102	Bevan	1937
	In shallow water densely shaded by grass, stream; in houses, July, Nov.; 117	Bertram et al.	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA balfouri Theobald (cont.)	Water holes containing water with yellowish tinge, often with irridescent surface film; ---; 123	Ingram	1912
	Pools with *Pistia stratiotes*; ---; 123	Macfie & Ingram	1923a.
	---; arid, sandy soil, old sea bed, thick and transitional forest, open orchard bush; 123. ---; low-lying swampy, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; Dec.-Mar.; 156	Doucet	1961 (1962)
	Swamps, streams, pools; in houses; 163	van Someren et al.	1955
	Shallow ground pools with little or no vegetation and with or without shade; ---; 175	Peters	1956
	Clear slow moving water with vegetation, canal with sufficiently fast current; ---; 186	Doucet	1949
	Lake with rich aquatic vegetation and many fish; ---; 186	Grjebine	1954
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Borrow pits, swamps; ---; 226	Philip	1931a.
	---; houses; 226	Dalziel	1920
	Grassy pools, rice fields, brooks; ---; 273	Hamon et a..	1956a.
	Lake shore, river and inland valley swamps, most particularly papyrus swamps, most frequently inside papyrus swamps, virgin and cut *Miscanthidium*, virgin and slashed *Phoenix* swamps; ---; 320	Gosa	1960
	Littoral swamps among fern, permanent inland swamps at both high and low altitudes, seasonal inland swamp pools; ---; 320	Gosa	1961
	In swamps with virgin or cut papyrus areas; ---; 320	Gosa	1958
	---; lowland forest, rare in canopy; 320	Haddow et al.	1951
	---; in forest; 320	Corbet	1964a.
	---; ---; 324	Hamon	1956a.
	In water holes with grass, in grassy pits and seepages; ---; 364	Smith	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA bilineata Theobald	---; in forest; 44	de Meillon & Lavoipierre	1944
	---; ---; 123, 320. (Permanent water with vegetation, crab holes)	Edwards	1941
	---; Jan.; 156	Doucet	1961 (1962)
	---; highland; 214	Brooke Worth & de Meillon	1960
	---; Sept.; 226*	Service	1963
	---; houses; 226	Dalziel	1920
	---; ---; 227	Robinson	1948
bilineata var. *connali* Edwards	---; ---; 44, 123, 292	Edwards	1941
	---; ---; 89	Hamon	1954b.
	---; shelters under rocks near rivers in forest; 206	Hamon et al.	1957 (1958)a.
	---; in forest; 226	Hanney	1960
	---; lowland forest; 320	Haddow et al.	1951
bilineata var. *fraseri* Edwards	---; ---; 13, 292	Edwards	1941
	---; in bush, very rare; 163	van Someren et al.	1955
	Crab holes; crab holes, houses; 226	Dalziel	1920
	---; lowland forest; 320	Haddow et al.	1951
	Pool with vegetation; Mar.; 322	Bedford	1928
	Pools, streams, dams, troughs, crab holes; ---; 322	Muspratt	1955
bilineata var. *obsoleta* Edwards	---; lowland forests, rare in canopy; 320	Haddow et al.	1951
brami Mattingly	Fallen leaves and palm rachides; ---; 275	Mattingly & Brown	1955
brumpti Doucet	---; ---; 186	Stone et al.	1959
cachani (Doucet)	---; ---; 186	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
caerulescephala Theobald	Permanent waters with much vegetation but few trees; ---; 44, 226	Edwards	1941
	---; Jan.; 61	Rageau & Adam	195[illegible]
	---; Feb.; 156	Doucet	1961 (1962)
	---; forest gallery; 206	Hamon et al.	1957 (1958)a.
	---; ---; 320	Haddow & Ssenkubuge	1962
caliginosa Philip	---; ---; 44	Mettingly & Lips	1953
	---; houses; 89	Hamon	1954b.
	---; shelter under rocks along rivers, gallery forest in low vegetation of underwood: 206	Hamon et al.	1957 (1958)a.
	---; indoors, heavily shaded crab hole; 226	Philip	1931a.
candidipes Edwards	---; ---; 13	Lewis	1956b.
	Crab holes; ---; 44, 292	Edwards	1941
	Crab holes, artificial containers; ---; 123	Surtees	1958
	---; in dense forest near coast and savannah with light rainfall; 156	Doucet et al.	1960
	---; Mar.; 156	Doucet	1961 (1962)
	---; in highland bush, along coast, very rare; 163	van Someren et al.	1955
	Mud puddles with seepages foliage and debris; ---; 186	Crjebine	1954
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	---; lowland forests, rare; 320	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
cavernicola Mattingly	---; in forest shelter under rocks near rivers; 206	Hamon et al.	1957 (1958)a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
chorleyi Edwards	---; ---; 13	Stone et al.	1959
	Permanent water with vegetation; ---; 44, 320, 364	Edwards	1941
	---; May; 61	Rageau & Adam	1953
	---; ---; 123	Mattingly	1947
	---; in dense forest near coast; 156	Doucet et al.	1960
	Disused, shallow well containing clear water and small quantity of floating debris and water plants of the *Elodea* type; ---; 175	Peters	1956
	Small pools in forest stream bed; ---; 226	Hanney	1960
	Seepages; ---; 226	Froud	1944
	Swampy areas of lakes, shaded water; ---; 320	Goma	1960
	Littoral swamps near dry land; ---; 320	Goma	1961
	---; ---; 320. (Stagnant water in native water holes, ditches and sedge swamps, always shaded)	Hopkins	1952
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
chorleyi var. *hamoni* Grjebine	Pools in forest, mud puddles with seepage and foliage debris; ---; 186	Grjebine	1954
combesi Doucet	---; ---; 186	Stone et al.	1959
connali Edwards	---; thick and transitional forest; 123	Macfie & Ingram	1916a.
	---; ---; 279	Evans	1926
devemyi Hamon	---; houses; 273	Hamon et al.	1956b.
	---; Jan.; 273	Hamon	1954 (1955)
douceti Grjebine	Leaf axils; ---; 186	Grjebine	1954
dumonti Doucet	---; ---; 186	Stone et al.	1959
fusca Theobald	---; ---; 13, 44, 115, 163, 279, 292, 320, 322. (Rock pools, artificial containers)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA fusca Theobald (cont.)	Waterfalls, stagnant water; ---; 61	Rageau & Adam	1953
	---; ---; 111	Hamon et al.	1957 (1958)a.
	Artificial containers, rock pools; ---; 123	Surtees	1958
	---; in dense forests near coast: 156	Doucet et al.	1960
	Rock pools in streams in the forest; ---; 163	Garnham et al.	1946
	---; ---; 175, 206, 227, 319	Stone et al.	1959
	---; ---; 186	Grjebine	1954
	---; highland; 214	Brooks Worth & de Meillon	1960
	---; ---; 226	Mattingly	1954
	Stream, tree hole; ---; 279	Evans	1925
	---, lowland forests and plantations; 320	Haddow et al.	1951
	---; forests; 320*	Haddow et al.	1947
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Rock pools; ---; 364	Harris	1942
garnhami van Someren	Bamboo in mountain forests; highlands; 320	Haddow et al.	1951
grenieri Doucet	---; ---; 186	Stone et al.	1959
henrardi Edwards	---; ---; 44, 320	Edwards	1941
	---; ---; 156	Doucet	1961 (1962).
	---; ---; 364	van Someren	1962
hopkinsi Edwards	---; ---; 44	de Meillon & Lavoipierre	1944
	---; coastal, inland lowland; 214	Brooks Worth & de Meillon	1960
	Large weedy ditch with clean or dirty water; ---; 320	Hopkins	1952
	Permanent water with vegetation; ---; 320	Edwards	1941
	Permanent and seasonal inland swamps; ---; 320	Goma	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
inornata Theobald	---; ---; 13, 163, 322	Philip	1931a.
	River; ---; 44	Schwetz	1927
	Pit pans along banks of river; ---; 112, 123	Galliard	1931b.
	---; ---; 115	Galliard	1932a.
	Rock pools exposed to rain; ---; 123	Macfie & Ingram	1923a.
	Rock pools with dirty water and algae; ---; 320	Hopkins	1936
krausei Grjebine	Leaf axils; ---; 186	Grjebine	1954
lavieri Doucet	---; ---; 186	Stone et al.	1959
lucyae van Someren	---; highland bush; 163	van Someren et al.	1955
mashonaensis Theobald	Rock pools, permanent and semi-permanent water; ---; 13, 44, 163, 292, 320, 322, 364	Edwards	1941
	Artificial containers; ---; 44	Lambrecht & Zaghi	1960
	---; ---; 54, 61, 175, 206, 319	Stone et al.	1959
	Grassy marigot; ---; 89	Hamon et al.	1956b.
	River seepages with vegetation; ---; 100	Lewis	1943a.
	---; arid, sandy soil, old sea bed, thick and transitional forest; 123. ---; low-lying swamps, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; in dense inland forest; 156	Doucet et al.	1960
	Streams, swamps, pools; in houses; 163	van Someren et al.	1955
	Clear water with vegetation; ---; 186	Doucet	1949
	---; inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Small pools with dead leaves in forest streams; ---; 226	Hanney	1960
	---; outhouses, shaded vegetation, dense undergrowth; 226	Philip	1931a.
	---; ---; 279	Mattingly	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
mashonaensis Theobald (cont.)	Most frequently in papyrus swamps, virgin, cut, burnt, and completely regenerated papyrus area, high altitude swamps, pools in virgin *Miscanthidium* swamp, among *Lemna*; ---; 320	Gomo	1960
	Littoral swamps, permanent inland swamps; ---; 320	Gomo	1961
	---; lowland forests, rare in canopy and plantations; 320	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
mayeri Edwards	---; ---; 44, 163	Stone et al.	1959
	---; arid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
	---; in shelters under rocks along rivers and low vegetation of underwood in gallery forests; 206	Hamon et al.	1957 (1958)a.
	---; coastal area; 214	Brooke Worth & de Meillon	1960
	---; ---; 226, 279	Edwards	1941
micromelae Edwards	Rock pools, artificial containers; ---; 267, 365	Edwards	1941
montana Ingram & de Meillon	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
	---; in railway carriage; 322	Ingram & de Meillon	1927
	---; Apr.; 322	Bedford	1928
neireti Edwards	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schwetz & Edwards	1927
nepenthes (Theobald)	Leaf axils; ---; 186, 275	Edwards	1941
	Pitchers of *Nepenthes*; ---; 275	Mattingly & Brown	1955
nigripes (Theobald)	---; ---; 44, 106, 279, 365. (Rock pools, artificial containers)	Edwards	1941
	---; in dense inland forests; 156	Doucet et al.	1960
	Rock holes, pools, swamps; along coast; 163	van Someren et al.	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA *nigripes* (Theobald) (cont.)	In swamps; ---; 175	Peters	1956
	---; under shelter of rocks in forests near rivers; 206	Hamon et al.	1957 (1958)a.
	---; ---; 275	Edwards	1912
	In pineapple leaf axils; in houses; 279	Evans	1925
	Rock pools in streams; ---; 279	Wigglesworth	1929
	---; lowland forest, rare; 320	Haddow et al.	1951
nigromaculata Edwards	Rock pools, artificial containers; ---; 44, 123, 226, 320	Edwards	1941
	---; ---; 89	Hamon et al.	1956b.
	---; Mar., May; 156	Doucet	1961 (1962)
	Swamp pool containing very turbid water with little vegetation and well-shaded, swamp pool with little shade and much vegetation, tree holes and crevices in bark in high forest; ---; 175	Peters	1956
	Forest shelters under rocks near rivers; forest gallery under overhang of steep banks; 206	Hamon et al.	1957 (1958)
	---; inland lowland; 214	Brooke Worth & de Meillon	1960
	---; active at night; 320	Corbet & Haddow	1961
	---; lowland forest; 320	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
ornata Theobald	Banana and *Pandanus* leaf axils; ---; 44	Laarman	1958
	Rivers, tree holes; ---; 44	Lambrecht & Zaghi	1960
	Leaf axils; ---; 89	Hamon et al.	1956b.
	Along edge of reservoir, artificial containers, pineapple leaf axils, less on banana leaf axils; ---; 123. Shady pools, rock pools; ---; 322	Surtees	1958
	---; in dense forest near coast and inland, in savannah with light rainfall; 156	Doucet et al.	1960
	---; Mar.-May; 156	Doucet	1961 (1962)

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
ornata Theobald (cont.)	Rock pools; rare; 163	Service	1958a.
	Leaf axils of wild banana; ---; 163	Garnham et al.	1946
	Leaf axils of *Pandanus* and pineapple; ---; 175	Peters	1956
	---; ---; 186, 319	Stone et al.	1959
	Leaf axils of banana plants in shade of fringing forest; ---; 225	Hanney	1960
	---; June-Sept.; 226	Philip	1931a.
	Leaf axils; ---; 279	Lewis	1956
	---; ---; 292. (Leaf axils)	Edwards	1941
	Axils of wild banana; ---; 320	Hopkins	1952
ornata var. *musarum* Edwards	Leaf axils of banana, artificial containers; ---; 13	Lewis	1956b.
	Forest tree holes, plant axils; lowland and highland plantations and forests; 320	Haddow et al.	1951
	---; forest; 320*	Haddow et al.	1947
pallidocephala Theobald	Permanent water with vegetation; ---; 13, 44, 115, 320	Edwards	1941
	Little pools; ---; 61	Rageau & Adam	1953
	Marshes; houses; 89	Hamon	1954b.
	---; swarm at 10 a.m.; 115	Galliard	1931b.
	---; ---; 117, 206, 319, 322	Stone et al.	1959
	In swamp; in houses; 175	Peters	1956
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
	Swamps; ---; 226	Philip	1931a.
	Grass, mixed papyrus, grass swamps, most frequently inside papyrus swamps, virgin, cut, burnt and completely regenerated papyrus areas, typical in swamps; ---; 320	Gosa	1960
	Littoral swamps, permanent inland swamps, in seasonal inland swamps; ---; 320	Gosa	1961
	---; active at night; 320	Corbet & Haddow	1961
	---; ---; 324	Hamon	1954a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
palmairini de Meillon & Rebêlo	---; coastal; 214	Brooke Worth & de Meillon	1960
paradoxi (Theobald)	---; ---; 186	Stone et al.	1959
	Artificial pools, troughs, tanks, fallen coconut spadix-sheaths, fallen leaves and palm rachides; ---; 275	Mattingly & Brown	1955
	Leaf axils; ---; 275	Harper	1947
philonuxia Philip	---; houses; 89	Hamon	1954b.
	---; Dec., Feb., Mar.-May; 156	Doucet	1961 (1962)
	In swamps; ---; 175	Peters	1956
	---; coastal area; 214	Brooke Worth & de Meillon	1960
	---; indoors, bush, crab holes; 226	Philip	1931a.
	---; July and Aug.; 226	Mattingly	1949a.
pseudohenrardi Peters	---; Feb.-Mar.; 156	Doucet	1961 (1962)
	---; on tree holes; 175	Peters	1956
	---; in forest; 320	Peters	1955
shillitonis Edwards	Bamboo stems; ---; 13, 320	Edwards	1941
	---; ---; 44, 186	Stone et al.	1959
	---; inland lowland; 214	Brooke Worth & de Meillon	1960
	Bamboo in mountain forest; highlands and lowlands; 320	Haddow et al.	1951
	Reeds and bamboos; ---; 320	Edwards	1932
tsaratananae Doucet	---; ---; 186	Stone et al.	1959
unguiculata Edwards	Weedy pools, borrow pits, sakia pits, disused wells, rice fields, stagnant drains, predaceous; Oct.-Dec.; 96	Kirkpatrick	1925
	Stagnant borrow pit with polluted water; ---; 96	Abdel-[illegible]	1956
	Pools with vegetation, occasionally in wells; ---; 96	Gad	1956

TABLE 1 - MOSQUITOES (conclusion)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
unguiculata Edwards (cont.)	In larger swamps; ---; 96	Barraud	1921
	---; ---; 176	Goodwin	1961
	Mountain oasis, spring-fed pool near sea with little vegetation; Dec.; 316	Vermeil	1953c.
yovani van Someren	Tree holes; ---; 44	Laabrecht & Zaghi	1960
	---; river edge, forest; 44	Laarman	1959a.
	Leaf axils of *Pandanus*; ---; 175	Peters	1956
	Leaf axils of *Pandanus* in forest; ---; 320	Haddow et al.	1951

TABLE 2 - SUMMARY OF DISEASES OR DISEASE ORGANISMS TRANSMITTED BY MOSQUITOES

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	COUNTRY
AEDES					
aegypti (Linnaeus)	Yellow fever				13, 100, 117, 123, 226, 279
	Dengue				100, 115
	Chikungunya virus				292
			Filariasis		186
aegypti var. *queenslandensis* Theobald	Chikungunya virus				292
africanus (Theobald)	Yellow fever				54
argenteus Poiret	Yellow fever				273
	Dengue				322 (Bedford, 1928)
			Wuchereria bancrofti		322 (Bedford, 1928)
caballus (Theobald)	Rift Valley fever				322
luteocephalus (Newstead)	Yellow fever				13, 117
pembaensis Theobald			Filariasis		163
simpsoni (Theobald)	Human yellow fever				54, 117, 123, 320
simpsoni lilii Theobald	Yellow fever virus				13
vittatus (Bigot)	Yellow fever				13, 117
ANOPHELES					
algeriensis Theobald		Malaria			316
			Wuchereria bancrofti		316 (Weiss, 1912

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	COUNTRY
ANOPHELES					
algeriensis Theobald (cont.)			Nocturnal filariasis		316 (Manson-Bahr, 1959)
austenii (Theobald)		Malaria			123
brunnipes (Theobald)		Malaria			44, 123
claviger (Meigen)		Malaria			211
costalis Loew		Malaria			44, 364
			Wuchereria bancrofti		226
coustani var. *tenebrosus* Dönitz		Malaria			123
d'thali Patton		Malaria			102
funestus Giles		Malaria			13, 61, 123, 156, 163, 175, 186 (Monier, 1937), 226, 227, 292, 320, 322, 324, 361, 364
			Wuchereria bancrofti		113, 163 (Nelson, et al., 1962), 186
funestus funestus Giles		Malaria			44
			Filaria		44
gambiae Giles	Ofyong-nyong				320
		Plasmodium			299
		Malaria			13, 44, 61, 65, 100, 102, 112, 117, 131, 156, 163, 175 (Peters, 1956), 186, 206

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	COUNTRY
ANOPHELES					
gambiae Giles (cont.)		Malaria (cont.)			226, 230, 273 (Evans, 1938) 279 (Walton, 1947) 284, 292, 320, 322, 324, 361, 364
			Wuchereria bancrofti		132, 163 (Nelson et al., 1962) 175, 225, 273, 279, 364 (Raghavan, 1961)
			Filaria		117, 186, 214
gambiae var. *melas* (Theobald)		Malaria			117, 131, 175, 226, 279
			Filaria		117
hancocki Edwards		Malaria			123, 175
hargreavesi Evans		Malaria			123
hispaniola (Theobald)		Malaria			316
labranchiae Falleroni		Malaria			8, 211, 316
maculipalpis Giles		Malaria			322
			Wuchereria bancrofti		186 (Raghavan, 1961)
			Filariasis		186
maculipennis Meigen		Malaria			316
maculipennis labranchiae Falleroni		Malaria			316
marshallii var. *gibbinsi* Evans		Malaria			320

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	COUNTRY
ANOPHELES					
marshallii var. *moucheti* Evans		Malaria			44
melas (Theobald)		Malaria			123, 175
moucheti Evans		Malaria			6, 123, 320
moucheti nigeriensis Evans		Malaria			123
multicolor Cambouliu		Malaria			8, 96, 316
		Marsh fever			117
nili (Theobald)		Malaria			13, 61, 123, 175, 279
paludis Theobald		Malaria			44
pharoensis Theobald		Malaria			13, 102, 123, 186, 322
pretoriensis (Theobald)		Malaria			100, 102, 123
rhodesiensis Theobald		Malaria			10
			Wuchereria bancrofti		123
			Nocturnal filariasis		279, 364
rufipes (Cough)		Malaria			13, 324
sergentii (Theobald)		*Plasmodium vivax*			176
		Malaria			96
squamosus Theobald		Malaria			186 (Legendre, 1924)
			Wuchereria bancrofti		123, 186, 279

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	COUNTRY
ANOPHELES					
squamosus Theobald (cont.)			Nocturnal filariasis		279 (Manson-Bahr, 1959)
					364
theileri var. *hancocki* Edwards		Malaria			320
CULEX					
fatigans Wiedemann	Dengue				322
	Yellow fever virus				117
			Wuchereria bancrofti		186
			Filaria		186 (Halcrow, 1956)
pipiens Linnaeus			*Wuchereria bancrofti*		96
pipiens fatigans Wiedemann			*Wuchereria bancrofti*		44, 163
			Nocturnal filariasis		96, 163 (Manson-Bahr, 1959)
					364
thalassius Theobald	Yellow fever virus				117
univittatus Theobald	West Nile virus				96
	Sindbis virus				96
ERETMAPODITES					
chrysogaster Graham	Yellow fever virus				117
STEGOMYIA					
calopus Meigen	Yellow fever				273
fasciata (Fabricius)			*Wuchereria bancrofti*		364
fasciata [race africana-americana]	Yellow fever				324

TABLE 2 - MOSQUITOES (conclusion)

SPECIES	DISEASE OR DISEASE ORGANISM				COUNTRY
	VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	
STEGOMYIA fasciata [race *oceano-indienne*]	Dengue fever				186
TAENIORHYNCHUS africanus Theobald	Yellow fever				13
			Nocturnal filariasis		364

TABLE 3 - MOSQUITOES
(UNCONFIRMED ENTRIES)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
aegypti (Linnaeus)	Fresh clear rain water; ---; 96	Salem	1938
	---; Apr.-May, Oct.-Nov.: 163	Wehrle	1928
	---; vicious biter by day and night, all year, peak June-Aug.; 176*	Patané	1927
	---; pools around pumps, Jan.; 186	McCarthy & Brent	1943
	---; natural infection of filariasis; 364	Aders	1917
africanus (Theobald)	River edges; ---; 44	Wolfs	1946
	---; enters houses; 44	Wolfs	1947
circumluteolus (Theobald)	River edges; ---; 44	Wolfs	1946
domesticus (Theobald)	Pools; ---; 44	Wolfs	1946
grahamii (Theobald)	---; tree trunks; 44	Wolfs	1947
lineatopennis (Ludlow)	---; enters houses; 44	Schwetz	1930
longipalpis (Grünberg)	---; ---; 106	Gil Collado	1936
luteolateralis (Theobald)	---; experimentally infected with filariasis; 226	Connal	1931
mucidus (Karsch)	---; ---; 117	Innes	1924
nigricephalus (Theobald)	---; crab holes; 100	Gil Collado	1936
palpalis (Newstead)	River edges; ---; 44	Wolfs	1946
phyllolabis Edwards	---; gravel holes; 44	Schwetz	1944
rhegster Dyar	---; ---; 44	Duren	1929
simpsoni (Theobald)	Artificial containers, near dwellings; ---; 106	Gil Collado	1936
tarsalis (Newstead)	---, ---; 106	Gil Collado	1936

TABLE 3 -- MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
taylori Edwards	---; experimentally infected with yellow fever; 163	Bailey	1947
vittatus (Bigot)	Openings in stones or river edge; ---; 44	Duren	1929
	---; waterfall, fast flowing rivers; 44	Schwetz	1930
wellmanii (Theobald)	---; rare; 44	Wolfs	1947
ANOPHELES			
adenensis Christophers	---; ---; 100*	Jannone et al.	1946
algeriensis Theobald	---; naturally infected with malaria; 211	Vialatte	1922
christyi (Newstead & Carter)	Hoof imprints; ---; 44	Duren	1938
	---; valley with slow running stream; 163	Symes	1926
	Pools; ---; 284	Macan	1942
cinereus The[illegible]	---; ---; 132	Ferreira et al.	1948
coustani Laveran	Stone nooks in ravines, pools with *Pistia*; ---; 44	Duren	1938
	---; marsh near savannah; 44	Schwetz	1941
	---; in houses; 44	Duren	1929
	---; June-Oct.; 102	Gasperini	1942
	Backwater of running streams, rocky pools, river beds; ---; 163	van Someren & de Boer	1926
	---; experimentally infected with filariasis; 226	Connal	1931
	---; enters houses; 320	Gibbins	1931
dancalicus Corradetti	---; ---; 132	Ferreira et al.	1948
demeilloni Evans	Lower part of floating debris; ---; 163	van Someren & de Boer	1926
funestus Giles	---; all year, peaks Jan.-June, Sept.-Dec.; 44**	Duren	1938
	---; ---; 100*	Jannone et al.	1946
	Limpid water springs; ---; 106	Gil Collado	1936
	---; valleys with slow running streams; 163	Symes	1926
	---; in or near [illegible]	[illegible]	[illegible]

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
gambiae Giles	---; Sept.-Dec.; 96	Lozano Morales	1945
	Temporary rain pools, permanent water; frequents houses, nocturnal, all year, peak Sept.-Nov.; 132**	Ferreira et al.	1948
	Roof marks, roadside drain pits, rain and stream bed pools; all year; 284*	Wilson & Notley	1943
hispaniola (Theobald)	Foothills; ---; 211*	Anonymous	1938
implexus (Theobald)	---; shaded, dirty running stream covered with debris; 153	Symes	1928
labranchiae Falleroni	---; ---; 213	Romeo Viamonte	1950
labranchiae atroparvus Thiel	---; ---; 213	Romeo Viamonte	1950
listeri de Meillon	---; ---; 186	Balfour	1921
longipalpis (Theobald)	---; Aug.-Oct.; 163	Kauntze & Symes	1933
maculipennis Meigen	---; streams with vegetation; 211	Vialatte	1924
	---; ---; 213	Romeo Viamonte & Ramirez	1945
maculipennis sacharovi Favre	---; ---; 211	Anonymous	1938
marshallii (Theobald)	---; experimentally infected with filariasis; 226	Connal	1931
	---; in houses; 320	Hargreaves	1937
multicolor Cambouliu	---; ---; 213	Romeo Viamonte & Ramirez	1945
obscurus (Grünberg)	Ponds, open wooded swamps, brackish water; ---; 320	Hargreaves	1932
pharoensis Theobald	---; ---; 132	Ferreira et al.	1948
	---; experimentally infected with filariasis; 226	Connal	1931
pretoriensis (Theobald)	Artificial containers, openings in stones; ---; 44	Duren	1929
rivulorum Leesen	---; ---; 100	Jannone et al.	1946

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
sergenti (Theobald)	Open ponds without vegetation; ---; 8	Parrot	1923
smithi Theobald	Shaded vegetative pools; in houses; 106	Gil Collado	1936
squamosus var. *cydippis* de Meillon	---; ---; 227	Anonymous	1933
theileri Edwards	---; naturally infected with malaria organism; 320	Gibbins	1931
umbrosus (Theobald)	River edge with vegetation; ---; 44	Duren	1938
CULEX			
annulioris consimilis Newstead	Artificial containers; ---; 106	Gil Collado	1936
annulioris major Edwards	Hoofprints between stones in river; enters houses; 44	Schwetz	1944
bitaeniorhynchus Giles	---; openings in stones, ravines; 44	Duren	1929
	Water hole; ---; 106	Gil Collado	1936
	---; ---; 230	Dye	1924
cinnerellus Edwards	Permanent water; ---; 44	Schwetz	1944
decens Theobald	Pools with vegetation, earth holes; ---; 44	Schwetz	1944
	---; stone openings; 44	Duren	1929
	---; ---; 230	Dye	1924
duttoni Theobald	Semi-stagnant water; ---; 44	Schwetz	1944
	---; openings in stones, ravines; 44	Duren	1929
	Artificial containers, pools; ---; 106	Gil Collado	1936
horridus Edwards	---; crab holes; 106	Gil Collado	1936
inconspicuosus (Theobald)	---; enters houses, 44	Schwetz	1930
invidiosus Theobald	Artificial containers, tree holes; ---; 44	Duren	1929

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
mouchati Evans	---; in houses; 44	Schwetz	1944
nebulosus Theobald	Fallen trees and leaves, tree holes; enters houses; 44	Schwetz	1944
	Artificial containers, water holes; ---; 106	Gil Collado	1936
pipiens Linnaeus	Quiet, sunlit water; ---; 211	Baeza Cuéllar	1933
	---; experimentally infected with filariasis; 226	Connal	1931
pipiens fatigans Wiedemann	---; ---; 284	Wilson & Notley	1943
pruina Theobald	Artificial containers; ---; 106	Gil Collado	1936
quasiguiarti Theobald	---; river edge with vegetation, in houses; 44	Schwetz	1944
rima Theobald	---; enters houses; 44	Schwetz	1930
	---; crab holes; 106	Gil Collado	1936
theileri Theobald	---; ---; 230	Dye	1924
tigripes Grandpré & Charmoy	Semi-stagnant water, hoof prints, spring outflow between stones in river; ---; 44	Schwetz	1944
	Artificial containers; ---; 44	Duren	1929
	Holes bordering streams; ---; 106	Gil Collado	1936
univittatus Theobald	Dirty pond with *Pistia*; river edge with vegetation; 44	Schwetz	1944
univittatus var *neavei* Theobald	---; lake edge with vegetation; 44	Schwetz	1944
CULISETA			
annulata (Schrank)	---; ---; 186	Blow	1927
longiareolata (Macquart)	Standing water without vegetation, near buildings; domestic; 211	Baeza Cuéllar	1933
KRETMAPODITES			
chrysogaster Graham	---; in houses; 44	Schwetz	1930
	Artificial containers; ---; 106	Gil Collado	1936
	[illegible] 226	Connal	1931

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
grahami Edwards	Rock holes, artificial containers; ---; 106	Gil Collado	1936
oedipodius Graham	---; enters houses; 44	Schwetz	1930
quinquevittatus Theobald	---; enters houses; 44	Schwetz	1930
FICALBIA			
circumtestacea (Theobald)	---; ---; 44	Duren	1929
femorata Edwards	---; ---; 44	Wolfs	1947
hispida var. *palustris* Theobald	---; ---; 44	Wolfs	1947
mediolineata (Theobald)	Water with vegetation; ---; 214	Rebêlo & Pereira	1943
uniformis var. *malfeyti* Newstead	---; ---; 106	Gil Collado	1936
HARPAGOMYIA			
taeniarostris (Theobald)	---; enters houses; 44	Schwetz	1930
HODGESIA			
sanguinae Theobald	---; enters houses; 44	Schwetz	1930
MANSONIA			
auritos (Theobald)	---; enters houses; 44	Schwetz	1930
metallica (Theobald)	Dirty pond covered with *Pistia*; ---; 44	Schwetz	1944
uniformis (Theobald)	---; ---; 61	Jojot	1921
versicolor (Edwards)	---; ---; 54	Anderson	1915
MEGARHINUS			
brevipalpis Theobald	---; ---; 117	Innes	1924
MUCIDUS			
mucidus Kersch	---; ---; 117	Innes	1924

TABLE 3 - MOSQUITOES (conclusion)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TOXORHYNCHITES			
asmous (Evans)	Tree holes; rare; 44	Wolfs	1947
brevipalpis Theobald	---; voracious; 44	Duren	1929
phytophagus Theobald	Tree holes; rare; 44	Wolfs	1947
tessmanni Enderlein	Artificial containers; ---; 106	Gil Collado	1936
viridibasis (Edwards)	---; tree holes; 44	Wolfs	1947
URANOTAENIA			
annulata	---; crab holes; 106	Gil Collado	1936
balfouri Theobald	---; enters houses; 44	Schwetz	1930
bilineata var. *fraseri* Edwards	---; ---; 44	Wolfs	1947
fusca Theobald	---; opening in stone; 44	Duren	1929
mashonaensis Theobald	---; enters houses; 44	Schwetz	1930
	Water holes; ---; 106	Gil Collado	1936
nigripes (Theobald)	Water surrounded by vegetation; ---; 106	Gil Collado	1936
pallidocephala Theobald	---; enters houses; 44	Schwetz	1930

TABLE 4 - SUMMARY OF DISEASES OR DISEASE ORGANISMS TRANSMITTED BY MOSQUITOES
(UNCONFIRMED ENTRIES)

SPECIES	DISEASE OR DISEASE ORGANISM				COUNTRY
	VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	
ANOPHELES					
adenensis Christophers		Malaria			100
funestus Giles		Malaria			44, 100
gambiae Giles		Malaria			132, 284
			Filariasis		132 (Ferreris, et al., 1948)

TABLE 5 - MOSQUITOES
(ADDENDA)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
africanus (Theobald)	---; tropical rain forest in lowland; 320*. ---; ---; 322	Lumsden	1955
	---; forest, experimental vector of yellow fever; 320	Haddow et al.	1948
	---; naturally infected with *Zika* virus; 320	Weinbren & Williams	1958
dentatus (Theobald)	---; forest and lake; 102	Bevan	1937
ANOPHELES			
gambiae Giles	---; ---; 123*	Grundy	1945
marshallii var. *gibbinsi* Evans	---; ---; 123*	Grundy	1945
mouchati Evans	Large and clear streams with enough sunlight; ---; 61	Mouchet & Gariou	1961
nili (Theobald)	On board ship in river; ---; 44*	Schwetz	1944
	Stagnant, shaded water; ---; 44	Bequaert	1930
pharoensis Theobald	---; naturally infected with *Wuchereria bancrofti*; 364*	Manson-Bahr	1959
CULEX			
andreanus Edwards	---; low vegetation in underwood in gallery forest; 320	Hamon et al.	1957 (1958)
bitaeniorhynchus Giles	Pool covered with vegetation, muddy water, fast flowing canal; ---; 186	Doucet	1949
duttoni Theobald	Artificial containers, residual puddles of marigots, temporary puddles, wells; ---; 89	Hamon et al.	1956b.
impudicus Ficalbi	Grassy ditches; ---; 8	Senevet & Prunnelle	1927
	---; Mar.-June, Aug.; 8	Senevet & Andarelli	1963
	---; ---; 89, 131, 156, 206	Séguy	1924
macfiei Edwards	---; marginal forest; 320	Corbet	1964
theileri Theobald	---; ---; 43, 56, 100, 102, 163, 292, 364. (Permanent or temporary water without much vegetation)	Edwards	1941

TABLE 5 - MOSQUITOES (conclusion)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA uniformis (Theobald)	-- , in houses; 123, 163, 320. ---; ---; 273	Laurence	1960
	Soft water marshes, inundated fields; near coast and inland, Dec., bites man especially at night in houses, naturally infected with *Filaria bancrofti*, suspected vector of human filariasis; 131°	Toumanoff	1959
	---; common in the open, all year peak, Oct.,-Nov.; 163	Haddow	1942
	Vegetated ponds and swamps; found indoors; 175	Briscoe	1950
	---; Jan.-Apr., peak Feb.; 175°	Fox	1958
	---; ---; 186	Enderlein	1920
	---; experimental transmission of *Trypanosoma gambiense*; 206	Heckenroth & Blanchard	1913
	---; coastal, inland lowland, highland; 214 ---; naturally infected with spondweni virus; 216. (Naturally infected with Wesselbron virus)	Brooke Worth & de Meillon	1960
	Roots of *Pistia*; abundant inside and outside of homes, abundant during middle of dry season; 226°	Kerr	1933

TABLE 6 - SUMMARY OF DISEASE AND DISEASE ORGANISMS TRANSMITTED BY MOSQUITOES
(ADDENDA)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	COUNTRY
AEDES					
africanus (Theobald)	Yellow fever				320
ANOPHELES					
gambiae Giles		Malaria			125
marshallii var. *gibbinsi* Evans		Malaria			123
nili (Theobald)		Malaria			44
pharoensis Theobald			Nocturnal filariasis		364

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13. ABSTRACT

The occurrence of insects and other arthropods of medical importance in Africa is summarized on the basis of a compilation of all available references in the scientific literature. The report includes, for each major group of arthropods, a listing of species and subspecies with biological and distributional data, tabulations of diseases or disease organisms transmitted, and complete literature citations.

The groups of arthropods included, with the number of species or subspecies in parentheses, are:

Part I: Mosquitoes (1037);

Part II: Arthropods other than mosquitoes: Black flies (103), Sand flies (269), Midges (177), Horse flies (1080), Biting flies (67), Non-biting flies (50), Fleas (363), Bugs (24), Urticating and vesicating arthropods (9), Ticks (424), Mites (26), and Miscellaneous arthropods (33). AD 650949

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