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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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ARTHOPODS 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.

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Brigadier General, USA
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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 DESCRIPTION (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, Hattick, Massachusetts, Technical Report ES-4, 259 pp., 1962.

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INDEX OF COUNTRIES OF AFRICA

1. Abyssinia or Ethiopia 102
2. Africa (Inclusive title)
3. Africa Orientale Italiana also called Italian East Africa (Inclusive title) 359
4. Afrique Occidentale Française also called French West Africa (Inclusive title) 113
5. Algeria
6. Azores Islands and Adjacent Islands
7. Anglo-Egyptian Sudan (formerly), now Sudan
8. Angola also called Portuguese West Africa
9. Annobón Island
10. Anzures
11. Basutoland (formerly), now Lesotho
12. Bechuanaland, British, part of Cape of Good Hope 64, now included in the Republic of South Africa 322
13. Bechuanaland Protectorate (formerly), now Republic of Botswana
14. Belgian Congo (formerly), now Republic of the Congo
15. Bonvet Island
16. Botswana, Republic of, formerly Bechuanaland Protectorate 43
17. British Bechuanaland 42, part of Cape of Good Hope, now included in the Republic of South Africa 322
18. British East Africa (Inclusive title)
19. British Somaliland (formerly) 286, now included in Somali Republic 284
20. British South Africa (Inclusive title)
21. British South-West Africa (formerly), now South-West Africa also called Südwest Afrika
22. British West Africa (Inclusive title)
23. Burundi also called Urundi 363
24. 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)
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- 151. Gold Coast (formerly), now Ghana
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 - Gulf Islands (Inclusive title) 365
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- 156. Ifni
 - Isles 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
- 177. 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
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 - 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
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- Rhodesia, Southern (formerly), now Rhodesia 292
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- 254. Rio Muni also called Spanish Guinea
 - Ruanda-Urundi also called Urundi-Ruanda (Inclusive title) 361
 - Ruanda 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:
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- 285. Somaliland, French
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- 286. Somaliland, British (formerly), now included in Somali Republic 284
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- Spanish Guinea also called Rio Muni 254
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- Sudan, formerly Anglo-Egyptian Sudan 13
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- 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
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 - 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
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- Urundi also called Burundi 363
- Urundi-Rwanda also called Rwanda-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

* * * * *

AFRICA:

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. Rwanda-Urundi (Inclusive title) includes:

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362. Rwanda

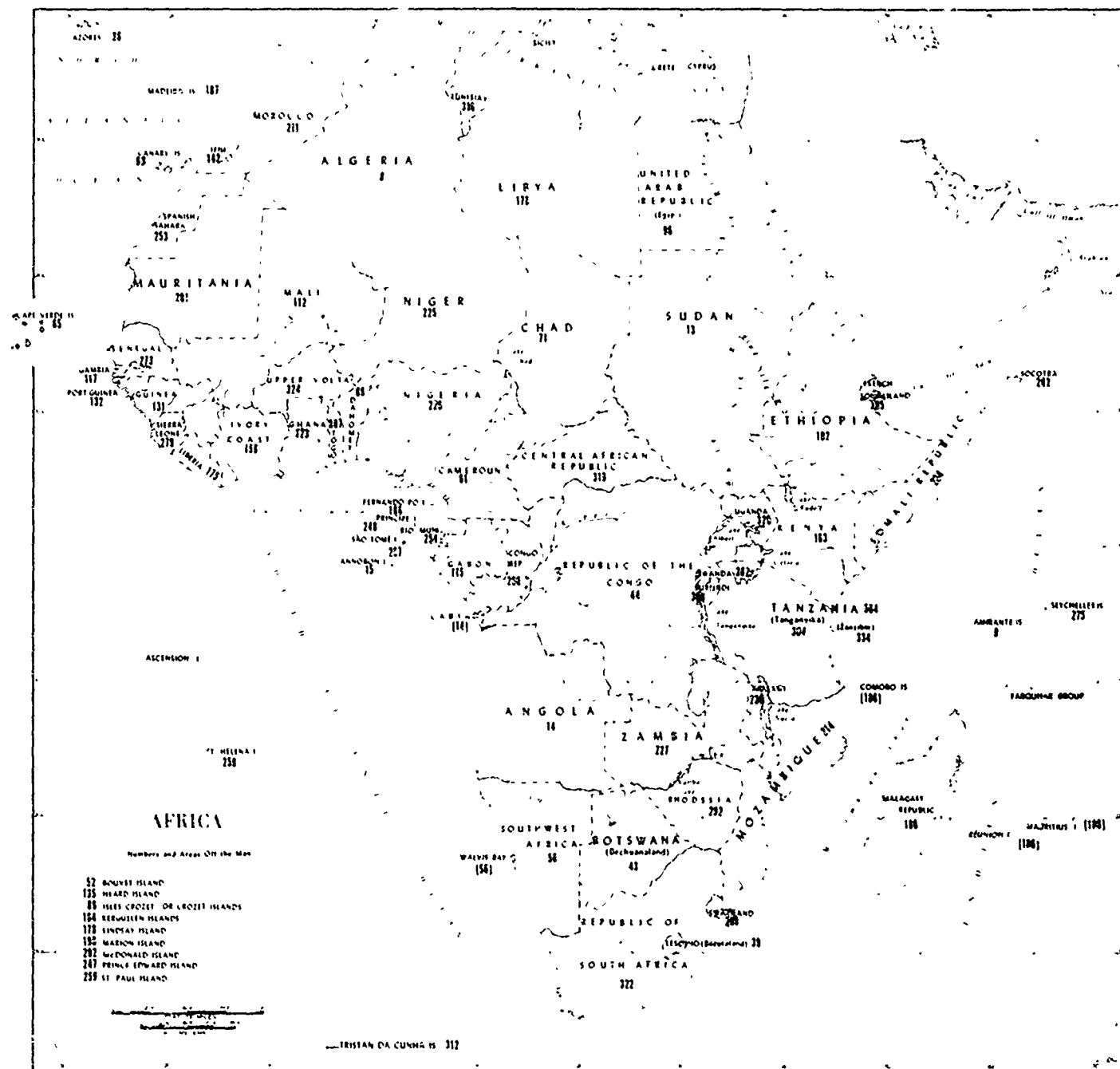
363. Burundi also called Urundi

364. Tanzania, includes:

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365. Gulf Islands (Inclusive title) includes:

Annobón Islands 15
Fernando De Island 106
Príncipe Island 248
São Tomé Island 267



ANNEXED 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; *Culiseta ornulata* (Schrank) is included as *Theobaldia ornulata* (Schrank), and *Toxorhynchites tessmanni* Enderlein as *Toxorhynchites 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 (ORIGINAL STATEMENTS)	AUTHOR	DATE
<i>albomaculata</i>	---; ---; 44	Hanson	1935
Theobald	---; ---; 123	Edwards	1941
	Roadside puddles; ---; 126	Wigglesworth	1929
	---; ---; 319, 324	Stone et al.	1959
	---; ---; 320°	Lumsden	1952
	---; ---; 322	Mieschulz et al.	1934
<i>albomaculata</i>	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
<i>kaluchensis</i> Edwards	Forest pools; ---; 163	Edwards	1941
	---; lowland forest; 320	Haddow et al.	1951
<i>ciarrei</i>	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
(Edwards)	Tree holes; ---; 163, 364	Edwards	1941
	---; bites rarely; 163°	Teasdale	1959
	---; coastal; 214	Brooke Worth & de Maillon	1960
	Tree holes; rare; 322	Musparratt	1955
	---; ---; 322. (Plant axils and artificial containers; suspected vector of yellow fever)	Lesson	1958
	Tree holes usually associated with <i>A. metallicus</i> ; ---; 364	Harris	1942
	Coconut palm; ---; 364	Edwards	1923
<i>egypti</i>	Walls; July and Sept.; 8	Senevet	1939
(Linnaeus)	---; common in coasts; 8	Senevet	1936
	---; July-Nov.; 8	Senevet & Andarelli	1960
	---; ---; 9	Mittingly & Brown	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i> <i>aegypti</i> (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. (Arti- ficial containers, rot holes in trees, prefer human blood, bites day and night especially in late after- noon, transmits yellow fever)	Edwards	1941
	---; ---; 36, 54, 63, 111, 112, 131, 176, 211, 248 279*, 285, 316	Kurman	1931
	Artificial containers; in thick forest; 43	de Meillon	1947
	---; naturally infected with <i>Wuchereria bancrofti</i> ; 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 Maira	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	Boubaud & Colas-Belcour	1945
	Artificial containers; domestic; 100°	Lewis	1943a.
	Rock pools; ---; 100**	Gisquinto- 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
<i>Aedes</i> <i>egypti</i> (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 <i>Dipetalonema perstans</i> ; 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
<i>AEDES</i> <i>aegypti</i> (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; ---; 225*	Surtees	1959
	Rain barrels and other water containers; ---; 226. (Important yellow fever transmitter)	Zumpt	1937
	Crab holes; ---; 226	Dunn	1928
	---; suspected vector of <i>Wuchereria bancrofti</i> , experimentally infected with filaria; 226. ---; complete development of filaria; 230, 279. (Beginning in development of larvae of <i>Filaria ozzardi</i> , intermediate host of <i>Filaria tuumana</i>)	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
<i>AEDES</i>			
<i>aegypti</i> (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
<i>aegypti</i> <i>aegypti</i> (Linnaeus)	---; ---; 156	Doucet & Cachan	1961
	---; bites inside and outside houses; 163°	van Someren et al.	1955
	Artificial containers, tree holes; ---; 226	Hanney	1960
<i>aegypti</i> var. <i>atritarsis</i> Edwards	---; ---; 123	Edwards	1941
<i>aegypti</i> <i>formosus</i> (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
<i>AEDES</i>			
<i>aegypti</i>	---; experimental transmission of yellow fever organism; 13°	Lewis	1943
var. <i>quanslan-</i> <i>densis</i> Theobald	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
<i>africana</i> Newstead	---; ---; 206	Sice & Vauzel	1928
<i>africanus</i> (Theobald)	---; experimental transmission of yellow fever; 13	Lewis	1947
	Tree holes, artificial containers, bamboo stems; ---; 14, 44, 102, 123, 175, 226, 279, 292, 320. (Pre- fers human blood, capable of carrying yellow fever)	Edwards	1941
	In rivers, on dead leaves, on <i>Pandanus</i> 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 savan- nah 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	Kuma	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
<i>AEDES</i> <i>africanus</i> (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
<i>AEDES</i>			
<i>africanus</i> (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
<i>allicosus</i> (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.
<i>albivens</i> Séguy	In wells, in salt water; ---; 8. ---; ---; 316	Séguy	1924
<i>albomaculatus</i> Theobald	---; bites indoors in early morning; 275°	Mattingly & Brown	1955
<i>albocephalus</i> (Theobald)	Permanent water, crab holes; ---; 44, 61, 117, 123, 186, 226, 275, 279, 292, 320, 322, 364	Edwards	1941
	In river; ---; 44	Schwartz	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 vegeta- tion, 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
<i>Aedes</i>			
<i>albophaeus</i> (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 sea-weeds, females have been found naturally infected with the virus of Rift Valley fever.)	Leeson	1958
	Grassy swamps, pools in slashed <i>Phoenix</i> 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
<i>albomarginatus</i> Newstead	---; ---; 14	Gandersa	1958
	---; ---; 44	Edwards	1941
	---; open forest; 163°	Garnham et al.	1946
	---; bites by day in lowland forest and plantations, scarce by nig. in forest; 320°	Haddow et al.	1951
<i>albopictus</i> (Skuse)	(Partial development of <i>Wuchereria bancrofti</i> 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, especially 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
<i>AEDES</i>			
<i>albopictus</i> (Skuse) (cont.)	Tree holes, artificial containers; ---; 186	Edwards	1941
	---; naturally infected but only with undeveloped filariae; 186	Huehns	1953
	---; ---; 201	Schwartz & Edwards	1927
	---; ---; 226	Gilroy & Bruce-Chwatt	1945
	---; ---; 285. (Vector of yellow fever, also con- veys dengue fever)	Kumra	1931
<i>albothorax</i> (Theobald)	---; bites by day; 13°	Lewis	1947
	---; ---; 14, 54	Stone et al.	1939
	---; ---; 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.
<i>alboventralis</i> (Theobald)	Axils of <i>Sansevieria</i> and bananas; 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	Gona	1960
	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>amalthus</i> 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
<i>AEDS</i>			
<i>amalthous</i> de Meillon & Lavoipierre (cont.)	---; ---; 292	Stone et al.	1959
	Tree holes; ---; 322	Mispratt	1935
<i>angustus</i> Edwards	---; ---; 44	Stone et al.	1959
	Bored bamboo; ---; 163	Mattingly	1953
	Bamboos; ---; 320	Edwards	1941
<i>apicoannulatus</i> (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
<i>apicoargenteus</i> (Theobald)	Tree holes, bamboo stems; ---; 13, 44, 61, 123, 175, 226, 279, 320	Edwards	1941
	Artificial containers, in rivers, on dead leaves and <i>Pandanus</i> 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
<i>Aedes</i>			
<i>apicoargenteus</i> (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
<i>apicoargenteus</i> <i>denderensis</i> Wolfs	---; ---; 44	Stone et al.	1959
<i>arabiensis</i> (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
<i>argenteopunctatus</i> (Theobald)	---; bites day and night; 13°	Lewis	1947
	---; ---; 13. ---; forest; 322	Bedford	1928
	---; ---; 14	Gándara	1958
	---; thick forest; 43°	de Meillon	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Aedes</i>			
<i>argenteopictatus</i> (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	Glaquinto-Mira	1950
	---; ---; 131	Toumanoff & Simond	1956 (1957)
	---; in dense coastal forests; 156	Doucet et al.	1960
	Swamps, wells, drains, pits, tree holes, artificial contrainers; 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
<i>ANDES</i>			
<i>argenteopunctatus</i> (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
<i>argentsoven- tralis</i> (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
<i>argentsoven- tralis</i> var. <i>diomi</i> Evans	Tree holes, bamboo stems; ---; 44, 226	Edwards	1941
	Water in bamboo trunks; ---; 61	Rageau & Adam	1953
<i>argenteus</i> 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 accu- mulate 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
<i>AEDES</i>			
<i>argenteus</i> 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 <i>Wuchereria bancrofti</i> 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
<i>aurovenatus</i> Brooke Worth	---; ---; 322	Brooke Worth & Paterson	1961
<i>bambusae</i> 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
<i>bambusae kenyae</i> van Someren	---; ---; 163	Stone et al.	1959
<i>bananea</i> Wolfs	---; ---; 44	Stone et al.	1959
<i>barnardi</i> Edwards	---; ---; 56	Edwards	1924a.
	Tree holes; restricted to mountains and coastal timber forests, bites frequently; 322*	Muspratt	1955
<i>bedfordi</i> Edwards	---; ---; 322	Brooke Worth & Paterson	1961
<i>bequaerti</i> Wolfs	In rivers; ---; 44	Mattingly & Lips	1953
<i>berlandi</i> Séguy	---; ---; 8, 211	Stone et al.	1959
	---; ---; 316	Ricoux	1958
<i>bevisi</i> (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
<i>Aedes</i>			
<i>bevisi</i> (Edwards) (cont.)	Pools, streams, swamps, dams, troughs, crab holes; usually in coastal or mountain forest; 322° ---; ---; 322	Muspratt Brooke Worth & Paterson	1955 1961
<i>blaaklocki</i> Evans	Tree hole; ---; 279	Evans	1925
<i>bolensis</i> Edwards	---; ---; 123 Little grassy temporary pools; ---; 324	Edwards Eamon & Rickenbach	1941 1954 (1955)
<i>boneti</i> Gil Collado	Rock holes along shaded torrent; ---; 61 ---; ---; 106 Rock pool in bed of densely shaded stream; ---; 226 ---; ---; 365	Rageau & Adam Stone et al. Hopkins Edwards	1953 1959 1952 1941
<i>boneti</i> <i>kumbae</i> Bruce- Chwatt	Rock pools in stream; ---; 226	Bruce- Chwatt	1948
<i>breedensis</i> Muspratt	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>caballus</i> (Theobald)	Temporary water; ---; 13, 56, 292 ---; ---; 39, 100° ---; ---; 43. Pools, streams, swamps, dams, troughs, crab holes; widely distributed; 322*° Rock holes of waterfall in wooded savannah; ---; 102 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 ---; ---; 292. (Ground pools and furrows, bites man day and night, a vector of Rift Valley fever) ---; naturally infected with Rift Valley fever and experimentally capable of transmission while feeding; 322 ---; nocturnal and diurnal, vicious biters; 322°	Edwards Steyn Muspratt Ovazza et al. Nieschulz et al. Leeson Gear et al. Bedford	1941 1950 1955 1956 1934 1958 1955 1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Aedes</i>			
<i>calocatus</i> 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
<i>caliginosus</i> (Graham)	---; ---; 123	Edwards	1941
	---; ---; 226	Stone et al.	1959
<i>capensis</i> 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 high- land forests, scarce by night in forest; 320°	Haddow et al.	1951
<i>carteri</i> Edwards	---; ---; 123, 175, 226	Stone et al.	1959
	---; forest lowlands, bites occasionally during the day and night; 320°	Haddow et al.	1951
<i>cartoni</i> Ventrillon	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schwetz & Edwards	1927
<i>caspius</i> (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
<i>Aedes</i>			
<i>caespius</i> (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	Verneil	1953a.
	---; ---; 316	Colas-Belcour	1931
<i>centropunctatus</i> (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
<i>chaussieri</i> Edwards	---; ---; 44, 344	Schwartz & Edwards	1927
	---; ---; 227. (Bites man at dusk)	Laeson	1958
<i>cinereus</i> Meigen	---; ---; 176°	Zanon	1922
<i>circumlutulus</i> (Theobald)	Temporary water; ---; 13, 44, 226, 230, 320	Edwards	1941
	---; bites at night; 13°	Lewis	1947
	---; ---; 14	Gándara	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
<i>Aedes</i>			
<i>circumluteolus</i> (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, Bunyamwera, 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 Lungu 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
<i>AEDES</i>			
<i>circumlutulus</i> (Theobald) (cont.)	---; in houses; 361	Mattingly	1949
	---; on vegetation near swamps; 364	Smith	1955
<i>congolensis</i> 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
<i>contiguus</i> 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
<i>crassiforceps</i> Edwards	---; ---; 44	Schwartz & Edwards	1927
<i>cumini</i> (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 Smeren	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	1953
	---; 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
<i>Aedes</i>			
<i>cramptoni</i> (Theobald) (cont.)	---; naturally infected with Spondweni virus; 322	Brooke Worth et al.	1961
	---; ---; 324	Hamon	1954a.
<i>cramptoni</i> var. <i>darwini</i> Evans	River; ---; 279	Evans	1925
<i>cramptoni</i> <i>holocinctus</i> Edwards	---; in bush; 163	van Someren et al.	1955
	---; bites by day in lowland forest; 320°	Haddow et al.	1951
<i>cramptoni</i> <i>mediopunctatus</i> (Theobald)	---; ---; 44	Schwartz & 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 <i>Lemna</i> ; ---; 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
<i>dalaieli</i> (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
<i>AEDES</i>			
<i>daboeri</i> Edwards	Tree holes; ---; 163	van Someren	1945
	---; ---; 322°	de Meillon & Lavoipierre	1944
	Tree holes; ---; 364	Harrie	1942
<i>daboeri</i> <i>demeilloni</i> 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
<i>demeilloni</i> Edwards	Plant axils, rarely in tree holes; ---; 322	Muspratt	1955
<i>dendrophilus</i> 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)	Lesson	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
<i>dentatus</i> (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
<i>AEDES</i>			
<i>dentatus</i> (Theobald) (cont.)	---; ---; 13°	Lewis	1947
	---; ---; 14	Gandara	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
<i>detritus</i> (Baliday)	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)	Vernell	1953b.
	---; Mar.; 63	Séguy	1921
	Salt pools, stagnant salt drains; bites readily by day and evening, Jan.-July; 96°	Kirkpatrick	1925
	---; ---; 176	Goodwin	1961
<i>domesticus</i> (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 <i>Wuchereria bancrofti</i>)	Neveu-Lemaire	1933

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Aedes</i>			
<i>domesticus</i> (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 <i>Sagittaria sphagnum</i> , and filamentous green algae and fungi with fern; periphery of swamps, pools in papyrus swamps burnt earlier, in virgin <i>Miscanthidium</i> and in untouched and slashed <i>Phoenix</i> swamps. small pools in grassy swamps; ---; 320	Gons	1960
	Littoral swamp, seasonal inland swamp; ---; 320	Gons	1961
	---; bites by day, in lowland forest and plantation, scarce by night in forest; 320	Haddow et al.	1951
	---; all year; 320*	Corbet	1963a.
<i>dorsalis</i> (Meigen)	---; ---; 8	Senevet	1936
	---; ---; 176	Goodwin	1961
	---; ---; 16. (Permanent or temporary and littoral marshes, bites avidly, especially abundant at sunset)	Séguy	1924
<i>dufourii</i> Hamon	Rock cracks with fresh and salt water without vegeta- tion in sun; ---; 186	Hamon	1954c.
<i>durbanensis</i> (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
<i>Aedes</i>			
<i>durbanensis</i> (Theobald) (cont.)	---; enters houses; 364	Harris	1942
<i>data</i> Séguy	In salt marshes; ---; 211	Séguy	1924
<i>eatonii</i> (Edwards)	---; ---; 63	Senevet & Andarelli	1958
	---; ---; 187	Edwards	1921a.
<i>echinus</i> (Edwards)	---; ---; 8	Edwards	1921a.
	---; ---; 211	Séguy	1932
<i>ellinorae</i> Edwards	---; along coasts; 163	van Someren et al.	1955
	---; Nov., Jan.; 163	van Someren et al.	1958
<i>embuensis</i> Edwards	---; ---; 163	Edwards	1941
<i>epsilon</i> Séguy	---; Aug.; 8	Séguy	1924
<i>eritreas</i> 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
<i>filabreguesi</i> Hamon	---; in dense coastal forests; 156	Doucet et al.	1960
	---; edge of laguna; 156	Hamon	1957 (1958)
	---; Apr.-June; 156. ---; Dec.; 206	Hamon et al.	1961
<i>fasciatus</i> Fabricius	---; ---; 8, 96, 315. (On aquatic plants, in water, in tree holes with water, in diverse natural holes with water, artificial containers; essentially domes- tic, bites day and night, most active in hot weather, parasites: <i>Wuchereria bancrofti</i> , <i>Pilaria juncea</i> , <i>Diro-</i> <i>filaria repens</i> , <i>Plasmodium danilewskyi</i> , transmits yellow fever <i>Treponema ecteroides</i> , dengue, can trans- mit <i>Leishmania furunculosa</i> and <i>Herpetomonas algeri-</i> <i>ense</i>)	Séguy	1924
<i>fasciipalpis</i> (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
<i>AEDES</i>			
<i>fasciipalpis</i> (Edwards) (cont.)	Tree holes; ---; 227	Muspratt	1945
	Tree holes; ---; 230, 292, 322, 364	Edwards	1941
	---; rare; 322	Muspratt	1955
<i>fengi</i> Edwards	---; ---; 186	Sautet	1936
<i>filicis</i> 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
<i>flavicollis</i> Edwards	Tree holes; ---; 226	Edwards	1941
	---; Feb.-Nov., peak June and July, bites at night; 226°	Mattingly	1949a.
<i>flavimargo</i> Edwards	---; along coast; 163	van Someren et al.	1955
<i>fowleri</i> (d'Emenez 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
<i>Aedes</i>			
<i>fowleri</i> (d'Eschschere de Charney) (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°	Hannay	1960
	---; ---; 324	Hamon	1954a.
	Hoof prints, domestic water containers; ---; 364	Harris	1942
<i>fraseri</i> (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 sec- tions, artificial containers, vegetable debris; for- est; 163	Garnham et al.	1946
	---; ---; 175	Burgess	1962
	---; in forests, in canopy and ground level, diurnal; 320°	Haddow	1961a.
<i>fraseri</i> (Theobald)	---; ---; 100	Giaquinto- Mira	1950
	Inland salt or alkaline areas; ---; 163, 186, 275	Edwards	1941
	---; May, Nov., mainly nocturnal, bites all day out- doors; 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
<i>AEDES</i>			
<i>fryeri</i> (Theobald) (cont.)	---; ---; 322	Brooke Worth & Paterson	1961
<i>fulgens</i> (Edwards)	---; ---; 43, 227, 230, 292, 322. (Tree holes, bam- boos 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.
<i>furcifer</i> (Edwards)	Tree holes; ---; 13, 123, 132, 226, 320	Edwards	1941
	---; suspected vector of human yellow fever; 13	Footte	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
<i>fuscinervis</i> (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
<i>Aedes</i>			
<i>geniculatus</i> (Olivier)	Tree holes; ---; 8°	Roubaud et al.	1937
<i>gibbinsi</i> 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
<i>gilliesi</i> van Someren	---; ---; 364	van Someren	1962
<i>grahami</i> (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
<i>grantii</i> (Theobald)	Wells; ---; 282	Leeson & Theodor	1948
<i>grassei</i> Doucet	---; ---; 186	Stone et al.	1959
<i>grenieri</i> Hamon, Service, Adam & Taufflieb	Forest pool; forest, Apr.; 156	Hamon et al.	1961
<i>grisebini</i> Hamon, Taufflieb & Maillet	---; ---; 115	Stone et al.	1959
	---; low vegetation in underwood of forest; 206	Hamon et al.	1957 (1958)a.
<i>hanooki</i> van Someren	Tree holes and buttresses in forest; ---; 364	van Someren	1962
<i>harrisoni</i> Muspratt	Pools, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>haworthi</i> 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
<i>AEDES</i>			
<i>haworthi</i>	---; rarely bites man; 163°	Teesdale	1959
Edwards (cont.)	---; ---; 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.
<i>heischi</i> 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
<i>lirautus</i> (Theobald)	Axils of <i>Sansevieria</i> 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 vege- tation, 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, out- doors 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
<i>AEDES</i>			
<i>hirsutus</i> (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 savannas 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.
<i>holocinctus</i> Edwards	Drainage canals; ---; 102	Ovazza et al.	1956
	---; ---; 163, 320	Stone et al.	1959
<i>hopkinsi</i> 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
<i>ingrami</i> 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
<i>Aedes</i>			
<i>ingrami</i> 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 understory, 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.
<i>insolens</i> Edwards	---; ---; 279	Stone et al.	1959
	---; ---; 320	Edwards	1941
	---; ---; 324	Hamon	1954a.
<i>irritans</i> (Theobald)	---; ---; 14	Gándara	1958
	Crab holes, inland salt or alkaline areas; ---; 44, 117, 123, 132, 226, 279. (Troublesome biter, experimental transmission of yellow fever)	Edwards	1961
	---; ---; 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
<i>Aedes</i>			
<i>irritans</i> (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
<i>janoti</i> Hamon & Rickenbach	---; ---; 123. ---; mountain regions; 156. ---; forests; 324. (Shady spots in underwood during rainy season, July-Sept.)	Le Berre & Hamon	1960 (1961)
<i>kapretwae</i> Edwards	Tree holes; ---; 163	Edwards	1941
<i>keniensis</i> van Someren	Tree holes; ---; 163	van Someren	1945
	---; ---, 364	Stone et al.	1959
<i>kannothi</i> Muspratt	---; ---; 322	Brooke Worth & Paterson	1961
<i>kivuensis</i> Edwards	---; ---; 44	Stone et al.	1959
<i>kuami</i> Edwards	---; crab holes; 61	Rageau & Adam	1953
	---; coastal forests; 156	Doucet & Cachan	1961
	Tree holes, bamboo stems; ---; 226	Edwards	1941
	---; ---; 320	Haddow & Mahaffey	1949
<i>lamborni</i> 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
<i>Aedes</i>			
<i>lamborni</i> Edwards (cont.)	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	Rock pools; ---; 344	Hopkins	1952
<i>langata</i> van Someren	Tree holes; ---; 163	van Someren	1946
	---; ---; 227, 230, 292, 322	Stone et al.	1959
<i>leesoni</i> 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
<i>leesoni</i> <i>verna</i> 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
<i>leptolabis</i> 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
<i>leucarthrius</i> (Speiser)	---; ---; 364	Edwards	1941
<i>lineatopennis</i> (Ludlow)	Temporary places such as furrows, small or medium- sized pans or slight depressions forming part of the veid, 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
<i>AEDES</i>			
<i>linsatopennis</i> (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; 113	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 <i>Miscanthidium</i> , untouched and slashed <i>Phoenix</i> 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 <i>Miscanthidium violaceum</i> ; ---; 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
<i>linsatopennis</i> <i>circumluteola</i> (Theobald)	Hoofprints and sides of pans; common during the daytime, Mar., vicious blood sucker; 322°	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
<i>lokojoensis</i> Service	---; ---; 226	Hamon et al.	1961
<i>longipalpis</i> (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
<i>Aedes</i>			
<i>longipalpis</i> (Grünberg)	---; heavy forests; 44	Lazman	1958
(cont.)	---; ---; 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	Rozeboom & Burgees	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
<i>longiseta</i> Edwards	---; ---; 44	Hamon & Adam	1959
<i>longitubus</i> Cambournac	Tree holes; ---; 8	Senevet et al.	1954
<i>lucianus</i> Muspratt	---; ---; 214. ---; coastal regions; 322	Brooke Worth & Paterson	1961
<i>luteocephalus</i> (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
<i>Aedes</i>			
<i>luteoccephalus</i>	---; suspected vector of human yellow fever; 13	Foote	1953
(Newstead)			
(cont.)	---; experimental vector of yellow fever; 13	Mattingly	1958
	---; bites man mostly in evening; 13°	Lewis	1947
	---; ---; 13*	Lewis	1953
	---; ---; 14	Gandersa	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	1956
	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	Qvazza 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
<i>Aedes</i>			
<i>luteocephalus</i> (Newstead)	Artificial containers; attack at sunset; 273°	Hamon et al.	1956a.
(cont.)	---; bites day and night, at forest edge, in low-lands, 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
<i>luteolateralis</i> (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
<i>luteolateralis</i> <i>flavinervis</i> Edwards	---; bush, June; 322	Bedford	1928
<i>luteostriatus</i> Robinson	---; ---; 14	Ganders	1958
	---; ---; 44	Stone et al.	1959
	Tree holes; ---; 227	Leeson	1958
<i>maculiventris</i> Macquart	Holes at base of palm trees with temporary water; bites during day and especially at night; 8°	Séguy	1924
<i>madagascaren-</i> <i>sis</i> van Soweren	---; ---; 186	Stone et al.	1959
<i>missouri</i> Qutubuddin	---; ---; 13	Stone	1961
<i>mariae</i> (Sergent & Sergent)	In salt water; ---; 8	Edwards	1921a.
	---; Jan., May-July, Nov.; 8	Senevet & Andarelli	1960
	---; border of sea; 176	Vermeil	1953a.
	Salt marches; ---; 211	Dollfus	1921
<i>marshallii</i> (Theobald)	---; ---; 14, 44, 320. (Tree holes)	Edwards	1941
	---; ---; 43, 227, 292. (Tree holes and bamboos, bites man outdoors)	Leeson	1958
	---; enters houses; 102	Glaquinto- 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
<i>Aedes</i>			
<i>marshallii</i> (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
<i>mascarensis</i> 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
<i>masseyi</i> Edwards	---; ---; 44, 163	Edwards	1941
	---; ---; 227	Edwards	1923
	---; ---; 344	Schwetz & Edwards	1927
<i>mattinglyi</i> Hamon & Rickenbach	---; ---; 89, 112, 156	Hamon & Le Berre	1961
	---; ---; 113	Stone et al.	1959
	---; low vegetation of forest galleries; 324	Hamon & Rickenbach	1954 (1955)
<i>metallicus</i> (Edwards)	Tree holes, fallen leaves, cacao husks, coconut and snail shells; ---; 12, 123, 214, 226, 292, 320, 322, 364	Edwards	1941
	Rock pools; June, July, Sept., Oct., potential car- rier of yellow fever; 13°	Lewis	1943
	Artificial containers; ---; 13	Abbott	1948
	Reservoir; ---; 13	Lewis	1948
	---; experimental transmission of yellow fever orga- nism; 13	Lewis et al.	1942
	---; suspected vector of human yellow fever; 13	Footte	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
<i>Aedes</i>			
<i>metallicus</i> (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 Maillon	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	Haddov 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
<i>michaslikati</i> 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
<i>AEDES</i>			
<i>michaelikati</i> van Someren (cont.)	Tree holes in forests; ---; 163 ---; May, July-Dec.; 163	Lumsden van Someren et al.	1955 1958
<i>michaelikati</i> <i>gurneri</i> van Someren	---; ---; 44 Tree holes; ---; 163	Stone et al. van Someren	1959 1946
<i>microstictus</i> Edwards	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>minutus</i> (Theobald)	---; ---; 13, 14, 44, 123, 206, 279 ---; ---; 56 ---; attack at sunset in forest; 89° ---; Aug., houses; 112. ---; ---; 131. ---; July- Aug.; 156. ---; houses; 273. ---; Aug., bites at night, grassy temporary pools; 324° ---; in huts; 117 ---; in savannah with heavy or light rainfall; 156 ---; in houses; 175 Artificial containers in forest; ---; 226 ---; ---; 230, 292, 322. (Rock pools and plant axils) ---; bites at sunset; 273° Pools, streams, swamps, dams, troughs, crab holes; rare; 322 Marshy ground; bites in evergreen thicket; 364°	Stone et al. de Meillon & Lavoipierre Hamon et al. Hamon et al. Bertram et al. Doucet et al. Peters Hanney Leeson Hamon et al. Muspratt Harris	1959 1944 1956b. 1961 1958 1960 1956 1960 1958 1958 1955 1942
<i>minutus</i> var. <i>biannulata</i> Theobald	---; ---; 123	Ingram & Macfie	1924
<i>mixtus</i> Edwards	---; ---; 123 ---; ---; 292, 321. (Swampy pools, bites man out- doors) Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Edwards Leeson Muspratt	1941 1958 1955
<i>mombasaensis</i> Mattingly	Salt water pools; seldom indoors, most bites occur 8 a.m. and 6 p.m.; 163°	van Someren & Furlong	1964
<i>monetus</i> Edwards	---; ---; 186	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>monotrichus</i> Edwards	---; ---; 226	Edwards	1941
<i>maculatus</i> (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 <i>Phoenix</i> swamps; ---; 320	Goma	1960
	---; lowland canopy, rare; 320°	Haddow et al.	1951
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>mutilis</i> 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
<i>msooi</i> van Someren	Tree holes; in rain forests in mountains; 364	van Someren	1962
<i>nataleensis</i> Edwards	---; coastal, inland lowland; 214	Brooke Worth & de Maillon	1960
	---; ---; 299. Tree holes; ---; 322	Muspratt	1955
	Tree holes; ---; 364	Harris	1942
<i>natronius</i> Edwards	---; ---; 14	Gándara	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
<i>Aedes</i>			
<i>neobiarmulatus</i> (Theobald)	---; ---; 14, 123	Stone et al.	1959
<i>ngony</i> van Someren	Steps cut on coconut palms, bamboo pots, plant axils, seed pods, tree holes; ---; 163	van Someren et al.	1955
<i>nigeriensis</i> 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
<i>nigerrimus</i> 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
<i>nigricapulus</i> (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
	---; walls, 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 1. MONITORS (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>maculipes</i> (Theobald)	---; in savannas 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
<i>niveus</i> de Meillon	Tree holes; ---; 227	de Meillon	1963
<i>nyasae</i> 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
<i>nyoumae</i> Hamon & Adam	Tree holes under forest cover; ---; 156	Hamon & Adam	1953 (1959)a.
	---; river banks in forest gallery; 156	Hamon et al.	1961
<i>ochraceus</i> (Theobald)	Axils of <i>Sansiviera</i> 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	Gaudara	1958
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 102	Glaquinto- 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
<i>Aedes</i>			
<i>ochraceus</i> (Theobald) (cont.)	---; partial or rare complete development of <i>Wuchereria bancrofti</i> this species; 226	Neveu- Lemaire	1933
	---; naturally infected with <i>W. bancrofti</i> ; 226	Manson-Bahr	1959
	---; Oct.; 226°	Service	1963
	Sunny turbid water in temporary pools; ---; 273	Kartman et al.	1947
	---; Mar.; 292	Bedford	1928
	---; ---; 292°	McIntosh et al.	1963
	Turbid water in temporary pools; ---; 320	Hopkins	1952
	---; bites by day in lowland plantations, rare; 320°	Haddow et al.	1951
	---; ---; 344	Nieschulz et al.	1934
<i>opok</i> 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
<i>ovasseri</i> Hamon & Adam	---; ---; 156	Stone	1961
<i>pachyurus</i> Edwards	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Muspratt	1955
<i>palpalis</i> (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
<i>Aedes</i>			
<i>palpalis</i>	---; ---; 123, 226	Edwards	1941
<i>carteri</i>			
Edwards	---; in dense primary forests; 175	Peters	1956
<i>palpalis</i>	---; coastal; 214	Brooke Worth	
var. <i>maculicosta</i>		& de Meillon	1960
Edwards	---; ---; 226	Edwards	1941
<i>palpalis</i>	---; ---; 44, 320	Edwards	1936
var. <i>palpalis</i>			
Newstead			
<i>parenti</i>	---; ---; 44	Stone et al.	1959
de Meillon & Lavoipierre			
<i>pembasensis</i>	---; ---; 14, 56. ---; naturally infected with Lumbo	Eokernot	
Theobald	virus; 214	et al.	1962
	---; ---; 57	Stone et al.	1959
	Common in crab holes, rare in pools and swamps, ex- ceptional in bamboo pots, tree holes and artificial containers; bites outdoors, very common; 163°	van Someren et al.	1955
	Eggs laid on crab, <i>Sesarma meinerti</i> ; ---; 163°. Eggs laid on crab, <i>Sesarma meinerti</i> ; 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 infec- ted 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
<i>phillipi</i>	---; ---; 186	Stone et al.	1959
van Someren			
<i>phyllobasis</i>	In rivers; ---; 44	Lambrecht & Zaghi	1960
Edwards			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>phyllolabis</i> 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	Ovarza	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
<i>pogonurus</i> Edwards	---; ---; 44	Edwards	1941
<i>poweri</i> (Theobald)	---; ---; 42, 227. ---; Nov.-Feb., bite in late afternoon; 322 ^a	Sedford	1928
	---; ---; 44, 163, 344	Nieschütz et al.	1934
	---; ---; 292	Stone et al.	1959
	Tree holes; rare; 322	Muspratt	1955
<i>pseudoafricanus</i> Bruce-Chwatt	---; ---; 44. Rot holes in <i>Avicennia</i> trees; coarse salt-marsh grass, ferns and clumps of low trees; 226	Mattingly & Bruce-Chwatt	1954
	---; Sept.; 117	Bertram et al.	1958
<i>pseudonigeria</i> (Theobald)	---; ---; 14	Gándara	1958
	---; ---; 43. (Bites man outdoors)	Leeson	1958
	---; ---; 56	Edwards	1941
	Forests; ---; 322	Ingram & de Meillon	1927
	---; forests; 322	Sedford	1928
	---; rare; 322	Muspratt	1955
	---; ---; 364	Haworth	1924
<i>pseudotarsalis</i> van Someren	---; ---; 44. Rock cracks; ---; 61	Hamon et al.	1961
	Rock pools, rock holes; ---; 163	van Someren	1945
<i>pubescens</i> Edwards	---; ---; 44, 123, 279	Edwards	1941
	---; bites by day in lowland forest; 320 ^a	Haddow et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>pulchritarsis</i> (Rondani)	---; Mar.; 8	Senevat & Andarelli	1960
	---; ---; 211	Aitken	1954
	---; ---; 316	Stone et al.	1959
<i>pulchrithorax</i> Edwards	---; ---; 163	Edwards	1941
	Tree holes and bamboo of mountain forest; highlands; 320	Haddow et al.	1951
<i>punctatus</i> 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
<i>punctocostalis</i> (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
<i>punctator</i> (Kirby)	Artificial containers; ---; 8. (In woods and thicket, rarely in houses)	Séguy	1924
<i>punctothoracis</i> (Theobald)	---; very common; 14, 44, 123, 322, 344. In tempo- rary 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.	1956
	---; ---; 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	Year
<i>AEDES</i>			
<i>pinotothorax</i> (Theobald) (cont.)	---; ---; 292. ---; Nov.-May, in thick bush during the daytime, some at night; 322 Pools in Phoenix swamps; ---; 320	Bedford Goma	1928 1960
<i>quasiannivittatus</i> (Theobald)	---; ---; 13, 44, 322 ---; --- 14 Slightly polluted water, rock holes of waterfalls, ground holes, tree holes; never bite in rainy season, thickets; 102° Puddles in tilled land; forest; 102 River pools but uncommon; open parts of forest; 163 ---; ---; 163°. Pools, swamps, streams, dams, troughs, crab holes; ---; 322° ---; coastal; 214 ---; ---; 214, 230, 292. (Muddy rain pools, bites man outdoors) ---; ---; 226, 344, 364 High altitude swamps, pools in dense papyrus swamps, ditches overgrown with grass, abandoned previously cultivated papyrus swamps; ---; 320 Temporary muddy rain pools devoid of vegetation, pools in a river bed; ---; 320 ---; in houses; 361	Edwards Stone et al. Ovazza et al. Bevan Garnham et al. Muspratt Brooke Worth & de Meillon Leeson Nieschulz et al. Goma Hopkins Mattingly	1941 1959 1956 1937 1946 1955 1960 1958 1934 1960 1936 1949
<i>reali</i> Hamon & Adam	Tree hole under forest cover, rice field; May; 156 ---; June, Aug.; 156. ---; ---; 175	Hamon & Adam Hamon et al.	1958 (1959)a. 1961
<i>hector</i> Dyar	---; ---; 226	Philip	1931
<i>rikenbachii</i> Hamon & Adam	Low vegetation of little woods of oil palms; ---; 156	Hamon & Adam	1959
<i>rusticus</i> (Rossi)	Artificial containers; ---, 8. (Grassy ditches, pools, grassy marshes or in water collections without vegetation, warm and polluted or cold and pure water, Apr.) ---; ---; 211	Séguy Stone et al.	1924 1959

TABLE 1 MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>mawenzi</i> Haddow & van Someren	---; arboreal and crepuscular biting habits, mountain forests; 320°	Haddow & van Someren	1950
<i>scatophagoides</i> (Theobald)	Axils of <i>Sansevieria</i> 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	Ricoux	1959
	Temporary puddles; ---; 89, 307	Leeson et al.	1956b.
	---; ---; 100	Lewis	1943a.
	---; near rivers; 112	Haxon	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 <i>Aedes</i>)	Leeson	1958
	---; July, Sept.; 226°	Service	1963
	Surface pools in mopane clay-soil among <i>Acacia</i> 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 <i>Anopheles gambiae</i> , <i>A. albocephalus</i> , <i>Culex decens</i> ; ---; 364	Harris	1942
<i>schwetsi</i> Edwards	---; ---; 14	Gandara	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
<i>Aedes</i>			
<i>schouti</i>	---; ---; 173	Burgess	1952
Edwards (cont.)	---; ---; 227. (Tree holes and artificial containers)	Leeson	1958
<i>seniliensis</i> van Someren	---; bites by day in lowland forest; 320°	Haddow et al.	1951
<i>seychellensis</i> (Theobald)	---; ---; 186, 275	Stone et al.	1959
	---; ---; 201	Schwartz & Edwards	1927
<i>simpsoni</i> (Theobald)	Banana tree, pineapple plant, tree hole, rock pool, artificial container, lilies, <i>Sansevieria</i> , <i>Criminum</i> , fallen leaves; suspected vector of yellow fever; 13. ---; ---; 54*. Banana tree, <i>Calocasia</i> ; ---; 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
	<i>Pandanus</i> and banana leaf axils; ---; 44	Leaman	1958
	---; suspected vector of jungle yellow fever but may just be a secondary vector; 44	Lebrun	1963
	---; ---; 57, 226°	Boorman	1960
	---; ---; 61	Mattingly	1953
	<i>Dracopis</i> , <i>Colocasia esculenta</i> , sheathed leaf and banana leaf axils; ---; 89	Hamon et al.	1956b.
	---; ---; 100, 112. ---; very common, in forests; 115°	Galliard	1931
	In <i>Musa paradisiaca</i> ; 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	Bertran 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
<i>AEDES</i> <i>simpsoni</i> (Theobald) (cont.)	Artificial containers, plant axils, more abundant in banana leaf axils than in pineapple leaf axils, in <i>Heliconia</i> 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
<i>AEDES</i>			
<i>simpsoni</i> (Theobald) (cont.)	---; naturally infected with and suspected vector of yellow fever virus; 320. Between leaves of <i>Draocena hookeriana</i> in forest; ---; 322	de Meillon & Lavoipierre	1944
	---; most active in bright weather, potential vector of yellow fever, experimental transmission of yellow fever; 320°	Mshaffy 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.
<i>simpsoni</i> <i>lilii</i>	---; plantations; 13*	Foote	1953
Theobald	---; bites by day and night in lowland forest, canopy and plantations; 320°	Haddow et al.	1951
<i>simpsoni</i> var. <i>lilii</i> Theobald	Axils of <i>Sansevieria</i> 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
<i>simulans</i> (Newstead & Carter)	---; ---; 13, 206	Stone et al.	1959
	Artificial containers, in rivers on dead leaves and <i>Pandanus</i> plants; ---; 44	Laubrecht & Zoghi	1960
	Tree holes, bamboo stems; ---; 44, 123, 226, 279	Edwards	1941
	---; heavy forests; 44	Laarnan	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
<i>AEDES</i>			
<i>simulans</i> (Newstead & Carter) (cont.)	Forest tree holes; bites by day in lowland forests and plantations, scarce by night in forest; 320°	Haddow et al.	1951
<i>smithburni</i> van Someren	---; lowland forest; 320	Haddow et al.	1951
<i>soleatus</i> 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
<i>stokesi</i> 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 savannas 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)	Kusum	1931
	---; ---; 324	Hamon	1954a.

TABLE 1 - MOSQUITOES (continued)

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

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>tarsalis</i> (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 for- est; 175	Peters	1956
	Small pools in forest stream beds, artificial con- tainers, 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 <i>Miscanthidium</i> , virgin and previously burnt papyrus, and untouched and slashed swamps; ---; 320	Goma	1960
	---; naturally infected with Rift Valley fever virus; 326	Smithburn & Haddow	1946
	---; ---; 322	Nieschulz et al.	1934
<i>taylori</i> 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 orga- nism; 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
<i>Aedes</i>			
<i>taylori</i> 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
<i>teesdalei</i> van Someren	Bamboo pots, tree holes, steps cut on coconut palms, plant axils, seed pods; ---; 163	van Someren et al.	1955
<i>tiptoni</i> Grjebine	---; ---; 186	Stone et al.	1959
<i>tonkingi</i> Gebert	---; ---; 186	Stone et al.	1959
<i>tricholabis</i> Edwards	Swamps; along coast; 163. ---; lowlands; 320	van Someren et al.	1955
	---; May-June, Aug., Oct.-Dec.; 163°	Teesdale	1959
<i>tricholabis</i> <i>lwamba</i> 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
<i>trinidad</i> Gil Collado	---; ---; 106, 365	Edwards	1941
<i>unilineatus</i> (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
<i>usambara</i> Mattingly	Artificially bored bamboo; ---; 364	Mattingly	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>venustus</i> (Meigen)	Residual ponds with muddy water devoid of vegetation; ---; 8. ---; ---; 211, 316 ---; May; 8	Senevet et al. Senevet & Andarelli	1954 1960
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322°	Muspratt	1955
	---; ---; 322. (Flooded shallows in grassland, bites man outdoors)	Leeson	1958
<i>vigilax</i> (Skuse)	---; ---; 275	Stone et al.	1959
<i>vigilax</i> <i>vansomerensae</i> Mattingly & Brown	Sunken pools and wells, small ground pools, exposed rock pools; ---; 275	Mattingly & Brown	1955
<i>vinsoni</i> Mattingly	---; ---; 186	Stone et al.	1959
<i>vittatus</i> (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, arti- ficial containers, in which the water is sometimes very warm, bites man outdoors daytime and evening, possible transmission of yellow fever)	Leeson	1958
	Ditch; ---; 44	Schwartz	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
<i>AEDES</i>			
<i>vittatus</i>	Slopes; potential vector of yellow fever; 100	Lewis	1943a.
(Bigot)			
(cont.)	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 savannah with light or heavy rainfall; 156	Doucet et al.	1960
	Drainage canals, rock pools, tanks, swamps, pools, pits, streams, seepages, gully traps, artificial con- tainers, 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-domes- tic; 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
<i>AEDES</i>			
<i>vittatus</i> (Bigot) (cont.)	Rock holes; ---; 279	Phillip	1962
	Rock holes; ---; 282	Leeson & Theodor	1948
	Rock pools; ---; 284	van Someren	1943
	Domestic waters; ---; 316	Vermeil	1953
	---; ---; 319	Mattingly	1953
	---; partial development of <i>Dipetolonema perstans</i> ; 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
<i>wellmani</i> (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
<i>wendyae</i> Service	Fuddles along rivers; ---; 226	Hamon et al.	1961
<i>wigglesworthi</i> 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
<i>woodi</i> 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
<i>Aedes</i>			
<i>woodi</i> Edwards (cont.)	---; ---; 214, 230. (Rot holes of trees, bites man outdoors)	Leeson	1958
	---; ---; 230	Edwards	1941
<i>yangambiensis</i> 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
<i>yvonneae</i> Edwards	---; ---; 44	Edwards	1941
<i>sammittii</i> Theobald	---; ---; 63	Edwards	1926a.
<i>zethus</i> de Meillon & Lavoipierre	Tree holes; ---; 227	Muspratt	1945
<i>Aedimorphus</i>			
<i>punctothoracis</i> (Theobald)	---; ---; 123	Simpson	1914
<i>quinquepunctata</i> Theobald	---; ---; 13	Theobald	1913
<i>Aedomyia</i>			
<i>africana</i> 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
	<i>Pistia</i> in lagoons; houses; 89	Hamon	1954b.
	In <i>Pistia</i> on edge of lakes, marshes, pools, streams; ---; 89	Hamon et al.	1956b.
	<i>Pistia</i> -covered pool; ---; 123	Ingram & Macfie	1917
	Ponds with <i>Pistia</i> ; ---; 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
<i>AEDOMYIA</i>			
<i>afriicana</i>	---; ---; 186	Senevet & Andarelli	1959
Neveu-Lemaire (cont.)	---; highland, inland lowland; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 230. (Pools with <i>Pistia</i> plants, bites at night)	Leeson	1958
	<i>Pistia</i> -covered burrow pits; ---; 226	Hanney	1960
	---; bites man in evening, tree-top biter, Feb.-Nov.; 226°	Mattingly	1949a.
	<i>Pistia</i> ; ---; 273	Hamon et al.	1956a.
	Most frequently in lake shore swamps, river swamps, in clear water with <i>Pistia</i> and <i>Ceratophyllum</i> ; ---; 320	Goma	1960
	---; bites at night, in lowland canopy, rare; 320°	Haddow et al.	1951
	Common among reeds and <i>Pistia</i> beds in coastal bays; Nov.; 364	Smith	1955
<i>caastastica</i> Knab	---; ---; 13	Edwards	1912
	In burrow-pit containing clear water, overgrown with <i>Pistia stratiotes</i> , 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.
<i>furfurea</i> (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
<i>AEDOMYIA</i>			
<i>furfurea</i> (Enderlein) (cont.)	Marshy land near harbour; ---; 364	Harris	1942
<i>pauliani</i> Grjebine	---; ---; 186	Stone et al.	1959
<i>ALLOTHEOBALDIA</i>			
<i>longiareolata</i> (Macquart)	---; Apr.; 211	Séguy	1925a.
	---; ---; 322	Anonymous	1941
<i>ANOPHELES</i>			
<i>adenensis</i> Christophers	Tanks, wells, cisterns; ---; 100	de Meillon	1947a.
	Wells; ---; 282	Leeson & Theodor	1948
<i>africanus</i> Theobald	---; ---; 14	Evans	1938
	---; ---; 226	Stone et al.	1959
	---; in houses; 279	Simpson	1913
<i>algeriensis</i> 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 <i>Wuchereria bancrofti</i> , 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
<i>ANOPHELES</i>			
<i>amutis</i> de Burca	Hill streams; ---; 100	de Burca & Shah	1943
<i>antennatus</i> (Becker)	---; ---; 96	Edwards	1912a.
<i>ardensis</i> (Theobald)	---; ---; 14	Gandara	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
<i>argenteolobatus</i> (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
<i>ANOPHELES</i>			
<i>argenteolobatus</i> (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
<i>aureosquamiger</i> Theobald	---; ---; 44	Schwartz & Edwards	1927
	---; all year; 322	Bedford	1928
<i>austeni</i> (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
<i>axanias</i> Bailey- 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 filamentous algae, shallow wells of fresh water; ---; 286	Bailey-Choumara	1960
<i>barberellus</i> 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
<i>barbirostris</i> van der Wulp	---; ---; 186	Enderlein	1920
<i>berghei</i> Vincke & Leleup	Running or stagnant water, marshy forest gallery; ---; 44	Vincke & Leleup	1949
<i>bifurcatus</i> 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
<i>ANOPHELES</i>			
<i>bifurcatus</i> 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: <i>Plasmodium vivax</i> , <i>P. falciparum</i> , <i>Filaria immitis</i>)	Séguy	1924
	---; ---; 176, 316	Brighenti	1930
	---; Apr., May, July; 211	Séguy	1925a.
<i>brohier</i> Edwards	---; ---; 13, 320	Stone et al.	1959
	---; plains; 61°	Mouchet & Garlou	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)
<i>broussesi</i> 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.
<i>brucei</i> Service	Shady forest streams, partially dried up river beds; ---; 226	Service	1961
<i>brumpti</i> Hamon & Rickenbach	---; attacks at sunset; 324°	Hamon et al.	1956
<i>brunipes</i> (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
<i>ANOPHELES</i>			
<i>brunipes</i> (Theobald) (cont.)	---; ---; 57, 113	Stone et al.	1959
	---; ---; 61. In sunny marelies 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
<i>buxtoni</i> Service	Residual pools on edge of rapid brooks; mountain species; 61	Mouchet & Gariou	1961
	Edges of stream shaded with overhanging vegetation; 226	Service	1958
<i>caliginosus</i> de Meillon	---; ---; 43. ---; near rivers, marshes, on man clearing day; 44.	Lips	1959
<i>cameroni</i> de Meillon & Evans	Among rocks in shaded stream with no vegetation; ---; 322	de Meillon	1947a.
<i>caroni</i> Adam	---; grotto; 206	Adam	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>cavernicolus</i> Abonnenc	---; grotto; 131	Lips	1960a.
<i>chaudoyei</i> Theobald	In salt pools, in small collections of water with slimy bottom, without vegetation, sometimes in pools with a zosteracea of brackish water, <i>Ruppia rostell-</i> <i>ata</i> ; 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
<i>christyi</i> (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 vec- tor)	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	Laeson	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>christyi</i> (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
<i>oinotus</i> (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
<i>ANOPHELES</i>			
<i>cinereus</i> 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 houses; 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	Raffaella & Coluzzi	1961
<i>claviger</i> (Meigen)	In mountains; ---; 8	Collignon	1944
	---; Jan., Mar.-July, Oct.-Nov.; 8	Senavet & 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
<i>ANOPHELES</i>			
<i>claviger</i>	---; ---; 176	La Face	1937
(Meigen)			
(cont.)	---; 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
<i>claviger</i>	---; ---; 8	Sicart & Ruffie	1960
var. <i>petraganai</i>			
race <i>sataliensis</i>			
Senevet & Andarelli			
<i>concolor</i>	Stagnant and flowing water, swamp; forest galleries; 44°	Lips	1960
Edwards			
	Marshes with clear water, low dense vegetation; ---; 44	Vincke & Leleup	1949
<i>costalis</i>	---; ---; 8, 96, 201. (Important vector of malaria)	Séguy	1929
Loew			
	Rocky recesses, holes of clay with non-polluted water, ditch, lake shore among <i>Pistia</i> 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 <i>Pistia</i> ; ---; 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
<i>ANOPHELES</i> <i>costalis</i> Loew (cont.)	Still water; naturally infected with malaria oocysts; 186	Monier	1935
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 186	Gebert	1937
	---; ---; 201. (Permits development of <i>W. bancrofti</i>)	Séguy	1924
	Stagnant water, ponds; in houses; 206	Sicé & Vauzel	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 <i>P. falciparum</i> and <i>W. bancrofti</i> ; 279	Gordon et al.	1932
	---; experimental transmission of <i>W. bancrofti</i> ; 279	Hicks	1932
	---; ---; 279°	Simpson	1913
	Crab holes; ---; 307	Chéneveau	1934
	---; Apr.-Oct., peak May-Aug.; 307	Tournier	1934
	---; naturally infected with sporozoites, carry <i>Filaria nocturna</i> ; 322	Edwards	1915
	---; ---; 324	Legendre	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>costalis</i> Lew (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 <i>Anopheles</i> , common vector of malaria; 364*	Aders	1917a.
	Water from coconut palms; ---; 364	Edwards	1923a.
	Crowns of coconut palms; ---; 364	Haworth	1924
<i>coustani</i> 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, atone 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
	<i>Pistia</i> , 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
<i>ANOPHELES</i>			
<i>coustani</i>	Pools with <i>Pistia</i> stratiotes; ---; 112	Holstein	1949
Laveran (cont.)	---; 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 <i>Marsilea</i> 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
<i>ANOPHELES</i>			
<i>costanti</i>	Clear water with slight current; ---; 186	Monier	1935
Laveran (cont.)	---; 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, <i>Pistia</i> , 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 <i>Plasmodium falciparum</i> , oocyst, in houses; 292°	Reid & Woods	1957
	---; ---; 299	de Meillon	1943
	Littoral swamps, very turbid shallow water, among elephant grass <i>Pennisetum</i> , inner or lakeward side of littoral swamp containing <i>Pistia</i> and/or <i>Ceratophyllum</i> , 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
<i>ANOPHELES</i>			
<i>coustani</i> 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, 'n sun or shade, in rice fields; ---; 361	Mayus & 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.
<i>coustani</i> var. <i>caliginosus</i> de Meillon	---; enters houses in evenings; 43	de Meillon	1947
	---; ---; 44	Lips	1959
<i>coustani</i> <i>coustani</i> 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
<i>coustani</i> var. <i>tenebrosus</i> Dönitz	---; ---; 14	Gándara	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
<i>ANOPHELES</i> <i>coustani</i> var. <i>tenebrosus</i> 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
<i>coustani</i> var. <i>ziemanni</i> 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
<i>ANOPHELES</i> <i>coustani</i> var. <i>ziemanni</i> 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	Bevan	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 <i>Pistia</i> -covered swamp, and slow flowing grass grown drain; ---; 163. Shallow grassy ponds in sun; ---; 226. Tree holes near ground; ---; 320	Evans	1938
	---; ---; 131	Yousanoff & Simond	1956 (1957)
	Streams with vegetation, slow current; ---; 156	Adas & 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 filamentous 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
<i>ANOPHELES</i>			
<i>coustani</i>	---; ---; 214	Smart	1943
var. <i>siemanni</i>			
Grünberg (cont.)	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	Jumner	1959
	---; bites by night in lowland forest, plantations, and canopy; 320°	Haddow et al.	1951
	---; ---; 324	Hamon	1954e.
<i>culicifacies</i>	---; ---; 8. Brackish water, oasis; rare; 96	Gough	1914
Giles	Wells, cisterns; possible carrier of malaria; 100	Moise	1940
	---; ---; 102	Giaquinto- Mira	1950
<i>culicifacies</i>			
<i>adenensis</i>	---; ---; 56	Smart	1943
Christo- phers	Artificial containers, irrigation wells of gardens containing salt and nitrates; ---; 100	Ovazza et al.	1956
	---; ---; 102	Stone et al.	1959
	Wells; ---; 282	Leason & Theodor	1948
<i>cydippis</i>	---; ---; 44	Lips	1959
de Meillon			
<i>dancalicus</i>	Saline pools, marshy areas; attacks in the open at dawn; 102°	Giaquinto- Mira	1950
Corradetti	Brackish water; 250 meters above sea level; 102	Corradetti	1939d.
	In small saline puddles encrusted with salt; ---; 102	de Meillon	1949
	---; ---; 359	Senevet	1948
<i>daudi</i>	---; ---; 284	Stone et al.	1959
Coluzzi			
<i>demeilloni</i>	---; ---; 13, 54, 206	Stone et al.	1959
Evans	---; ---; 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
<i>ANOPHELES</i>			
<i>demeilloni</i>	---; ---; 44°	Vincke et al.	1957
Evans (cont.)	---; 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. Usu- ally 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	Lusaden	1952
<i>demeilloni</i>	---; in houses; 292	Reid & Woods	1957
var. <i>carteri</i> Evans & de Meillon	River pools with apirogyra, 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
<i>ANOPHELES</i>			
<i>demeilloni</i>	---; ---; 322. (Ponds, pools with clear water and vegetation, river pools)	de Meillon	1949
var. <i>carteri</i>			
Evans & de Meillon (cont.)			
<i>distinctus</i>	---; ---; 43, 56, 230	Stone et al.	1959
(Newstead & Carter)	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
<i>distinctus</i>	---; ---; 44, 115, 364. (Semi-permanent water with little or no vegetation)	Edwards	1941
var. <i>ugandae</i>			
Evans	Clean water with little vegetation, in abandoned sand pits; ---; 320	Evans	1938
	Clear water with vegetation at the edge of swamps; ---; 320	Gillett	1955
<i>domicolus</i>	Vegetation at stream edges in rapid current; ---; 57	Mattingly	1947
Edwards	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
<i>ANOPHELES</i>			
<i>domicolus</i>	---; ---; 292	Smart	1943
Edwards (cont.)	---; July-Aug., savannah; 324	Holstein	1953
<i>d'thali</i>	Little hole of water in sand, large sheet of water full of vegetation; ---; 8	Senevet & Fratani	1938
Patton	---; ---; 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
<i>ANOPHELES</i>			
<i>d'thali</i> 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
<i>d'thali</i> <i>wardi</i> Leeson & Theodor	Running, standing, muddy, clear, brackish or fresh water with or without vegetation; ---; 282	Leeson & Theodor	1948
<i>dureni</i> 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
<i>elutus</i> Edwards	---; ---; 8	Kumm	1929
<i>erythraeus</i> Corradetti	Along the bed of a semi-dried-up stream, at about 1000 meters in altitude; ---; 100	Corradetti	1939e.
	---; ---; 102	Smart	1943
<i>faini</i> Leleup	In grottoes, pools fed by seepages, little bodies of water left by drying up stream; ---; 44	Leleup	1952
	---; grotto; 206	Adam	1961
<i>flaviceps</i> Edwards	---; June; 13	Edwards	1921

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>flavicoستا</i> 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 flow 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
<i>freetownensis</i> 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
<i>ANOPHELES</i>			
<i>fraetownensis</i> 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	Bailey-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.
<i>finestus</i> 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 <i>Wuchereria bancrofti</i>)	Lewis	1956
	---; ---; 13*	Lewis	1958
	River banks; ---; 14	Gândara	1958
	---; ---; 14, 43, 50, 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 <i>Wuchereria bancrofti</i> ; 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
<i>ANOPHELES</i> <i>funestus</i> 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° ---; ---; 44, 61, 117, 214, 227, 230, 279, 365. (Permanent waters with much vegetation but few trees) ---; ---; 54 ---; common; 57. (Natural carrier of malarial parasites). ---; Feb.-June; 292. ---; Aug., Oct.-June; 322* 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 In temporary pools of stagnant water after rainfall, made of natural or artificial depressions with elementary algae and other vegetation; ---; 61 Savannah, marshes and flooded zones of streams under the sun and with abundant vegetation, ponds and basins of fish cultures; ---; 61 ---; mountain regions, cleared parts of forest; 61 ---; houses; 61* ---; ---; 61° <i>Pistia</i>, in residual puddles of lakes, grasses in lakes, brooks, torrents, brackish water near coast; houses, bites at sunset, Nov.-Dec., Apr.-May; 39° Lakes formed by flood water; ---; 89 Hill stream pools; ---; 100	de Meillon Edwards Neave Bedford Hamon et al. Rousseau Mouchet & Gariou Mouchet & Gariou Adam Cavalié & Mouchet Hamon et al. Bauvallet de Burca & Shah	1947a. 1941 1912 1928 1956 1918 1960 1961 1956 1962 1956b. 1928 1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>funestus</i> 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 <i>Pistia</i> ; swamps, river edges with and without vegetation; 112	Holstein	1949
	---; Aug.-Dec., Mar.; 112	Holstein	1953a.
	---; natural vector of <i>Wuchereria bancrofti</i> ; 113*, 186*. ---; naturally infected with <i>W. bancrofti</i> ; 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 <i>W. bancrofti</i> ; 117°	Bertram et al.	1958
	Pools with <i>Pistia</i> ; ---; 123	Macfie & Ingram	1923
	Clean ditches and ponds; ---; 123	Colbourne & Wright	1955
	Dry stream beds; ---; 123	Ingram & Macfie	1919
	---; bites at night, indoors, carrier 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
<i>ANOPHELES</i> <i>funestus</i> Giles (cont.)	---; in dense forest on coast and inland, in savan- nahs 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 pH 8.8; ---; 163. ---; ---; 267. ---; peaks of biting in dry season and shortly after the long rains, natur- ally 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 <i>Wuchereria bancrofti</i> ; 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; domi- nant species in houses in Feb.-May and Nov.-Dec.; 175*	Peters	1956
	Slow running stream edges with floating vegetation; ---; 175. (Experimentally infected with <i>Plasmodium</i> <i>falciparum</i> and <i>P. malariae</i> , 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 aquatic vegetation, brooks with bordering vegeta- tion and shaded by trees, brooks containing filamen- tous 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
<i>ANOPHELES</i>			
<i>funestus</i>	Uncultivated or fallow rice fields; Dec.-July; 186*	Monier	1937
Giles	Clear water with slight current; ---; 186	Monier	1935
(cont.)	---; experimentally infected with <i>W. bancrofti</i> ; 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 <i>Pistia</i> , 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 <i>Wuchereria bancrofti</i> 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	Senevat	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
<i>ANOPHELES</i> <i>funestus</i> 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; 272	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	Touraier	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 <i>Cyperus papyrus</i> 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 (con. inued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>funestus</i>	---; savannah, July-Aug.; 324	Holstein	1953
Giles (cont.)	---; ---; 360. (Most injurious as transmitter of malaria)	Brighton	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*	Mayus & Bervoets	1958
	Flooded rice fields, large shallow swamps, backwaters of rivers; near flooded rice fields; 364	Aders	1917a.
	Prefers shaded waters; naturally infected with <i>Plasmodium sporozoites</i> ; 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 <i>Wuchereria bancrofti</i> ; 364	Hicks	1932
<i>funestus</i> var. <i>confusus</i>	Marshy region; ---; 44	Vincke	1959
Evans & Leeson	---; ---; 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
<i>funestus</i> <i>funestus</i> 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
<i>ANOPHELES</i>			
<i>funestus</i>	---; houses, night and day, all year, peak July-Aug.; 186	Gruchet	1962
<i>funestus</i> Giles (cont.)	In ditches; ---; 226	Boorman & Service	1960
<i>funestus</i>	---; ---; 14	Stone et al.	1959
var. <i>fusciveno-</i> <i>sus</i> Leeson	---; in native huts, drain near river, May-Aug.; 292	Leeson	1930
	---; in houses, crevices; 292	Raid & Woods	1957
<i>funestus</i> var. <i>imerinensis</i> Monier & Treillard	---; ---; 186	Monier & Treillard	1935
<i>funestus</i> <i>leesoni</i> Evans	Marshy regions; ---; 44	Vincke	1959
	---; ---; 102, 163, 214, 226, 227, 320, 322	de Meillon	1947a.
	---; ---; 284, 344. ---; in houses; 292	La Face	1937
<i>funestus</i> var. <i>rivulorum</i> 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
<i>funestus</i> var. <i>subumbrosa</i> Theobald	---; ---; 117	Findlay & Davey	1936
<i>funestus</i> <i>umbrosa</i> Theobald	---; ---; 117	Findlay & Davey	1936
<i>fuscicolor</i> van Someren	Rice fields; ---; 186	de Meillon	1949
<i>fuscicolor</i> var. <i>soalalaensis</i> Grjebine	---; ---; 186	Grjebine	1954
<i>gambiae</i> Giles	Edges of swamps with disturbed vegetation; rarely bites man; 13*	Lewis	1948
	Rain pools, puddles, in flooded sumt. <i>Acacia arabica</i> , 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
<i>ANOPHELES</i> <i>gambiae</i> 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) River banks; river banks; 14 ---; ---; 42 Along road exposed to sun in river valley; all year, near coffee and oil palm plantations; 44 Crab holes; ---; 44 ---; 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 ---; naturally infected with sporozoites; 44, 112, 117, 230, 320 ---; full development of <i>Wuchereria bancrofti</i>; 44. ---; suspected vector of bancroftial filariasis; 279. Rice fields, swamps, <i>Pistia</i> beds, grass pits, erosion gullies with grass, sunlit pools in beaches and rocks; in houses, ubiquitous, peak in May; 364 ---; Feb.-June; 44 ---; ---; 44* ---; experimental infection of <i>Plasmodium falciparum</i>; 54 ---; ---; 56, 365. (Semi-permanent and permanent water, with little vegetation or none, usually open ditches, ponds, wells) 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	de Meillon Gândara Smart Laarman Wanson Galliard Marneffe & Sautet Smith Wanson Bouillon Pringle Edwards Rageau et al.	1947a. 1958 1943 1958 1935 1932a. 1944 1955 1935a. 1953 1962 1941 1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>gambiae</i> 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
<i>ANOPHELES</i> <i>gambiae</i> 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	1934
	Pools with rich vegetation, swamps, river edge with and without vegetation, holes with <i>Pistia stratiotes</i> , 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
<i>ANOPHELES</i> <i>gambiae</i> Giles (cont.)	Large permanent swamp; ---; 123	Ribbands	1946a.
	---; naturally infected with <i>Wuchereria bancrofti</i> ; 123, 132. ---; experimental infection and natural vector of <i>W. bancrofti</i> ; 175*. ---; natural infection and natural vector of <i>W. bancrofti</i> ; 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 <i>Plasmodium falciparum</i> ; 123	Robertson	1945
	---; experimentally infected with <i>W. bancrofti</i> ; 123	Muirhead-Thomson	1954
	In fresh water during dry season, in temporary fresh water pools in rainy season, on submerged plant <i>Paspalum vaginatum</i> 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 <i>W. bancrofti</i> ; 163*	Nelson et al.	1962
	---; mainly nocturnal; 163	Lumsden	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>gambiae</i> 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 <i>Dipetalonema perstans</i> ; 320	Bequaert	1930
	---; experimentally infected with malaria; 175. ---; naturally and experimentally infected with malaria, carrier of <i>Wuchereria bancrofti</i> , 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 road-bed; 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 <i>Pistia</i> , 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 <i>W. bancrofti</i>)	Evans	1938
	---; all year, abundant May-Oct., naturally infected with <i>Plasmodium falciparum</i> , <i>P. malariae</i> , and <i>P. ovale</i> ; 175	Fox	1957
	---; experimentally infected with <i>P. falciparum</i> 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 <i>Pistia</i> and filamentous algae, manure pits, ubiquitous; 186	Grjebine	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTIONS (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>gambiae</i> 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 <i>Avicenna</i> , 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 <i>Wuchereria bancrofti</i> ; 225*. ---; experimentally and naturally infected with <i>W. bancrofti</i> ; 226, 279*	Neveu-Lemaire	1933
	Native canoe, rain-filled coconut husks, pools in small silted updrains especially with <i>Paspalum</i> 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
<i>ANOPHELES</i> <i>gambiae</i> 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 <i>Acacia</i> 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 <i>Avicennia</i> orchards and <i>Rhizophora</i> 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 <i>Nucheria bancrofti</i> ; 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*°	Chourara	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
<i>ANOPHELES gambiae Giles (cont.)</i>	Wells and small collections of water; ---; 284	Tedeschi & Scalas	1934
	Warm shaded drain with vegetation; ---; 284	van Someren	1942
	In salt water; ---; 284	Maffi	1960a.
	Permanent and semi-permanent water; naturally infected with <i>Plasmodium falciparum</i> , main malaria vector; 292*	Reid & Woods	1957
	---; Nov.-June; 292	Thomson	1929
	---; in houses; 292	Alves	1931
	---; ---; 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
<i>AEOPHELES</i> <i>gambiae</i> 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 <i>Plasmodium</i> ; 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
<i>gambiae</i> <i>gambiae</i> Giles	---; bites indoors, experimentally infected with <i>P. falciparum</i> ; 57°	Bruce-Chwatt	1950
	<i>Pistia</i> , in puddles, rock crevices, grassy streams, residual puddles of marigots; houses; 89	Hamon et al.	1956b.
	---; experimental infection with <i>P. falciparum</i> ; 123, 226	Draper	1953
	Soft water marshes, inundated fields; ---; 131	Toumanoff	1959
<i>gambiae</i> var. <i>melas</i> (Theobald)	---; ---; 14	Gandara	1958
	---; ---; 44	Lips	1960a.
	Salt water along lagoons and tidal swamps, <i>Avicennia</i> mangroves, coarse marsh grass; bites indoors, preferably at dawn, anthropophilic, experimentally infected with <i>P. falciparum</i> ; 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
<i>ANOPHELES</i>			
<i>gambiae</i>	---; ---; 117**	Bertram & McGregor	1956
var. <i>melas</i>			
(Theobald)			
(cont.)	---; ---; 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 <i>Filaria bancrofti</i> ; 131*	Toumanoff	1959
	---; in dense forest near coast; 156	Doucet et al.	1960
	Submerged algae in dark rock pool; ---; 163. Brackish coastal water; ---; 226. Fasty water; ---; 320	Evans	1938
	Brackish water in lagoons and tidal swamps, particularly associated with <i>Avicennia</i> 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, <i>Avicennia</i> 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*	Tredwell	1946
<i>garnhami</i>	---; ---; 13	Stone et al.	1959
Edwards	---; 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
<i>ANOPHELES</i>			
<i>garnhami</i> 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.
<i>garnhami</i> <i>basilewskyi</i> Leleup	---; ---; 364	Stone et al.	1959
<i>garnhami</i> <i>garnhami</i>	---; Feb.-May and July; 364	Freyvogel	1956
<i>garnhami</i> <i>walshi</i> 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
<i>gingeroi</i> Corradetti & Archetti	---; ---; 102	Stone et al.	1959
<i>grassei</i> Grjebine	---; ---; 186	Stone et al.	1959
<i>griveaudi</i> Grjebine	---; mountain forest, July; 186	Grjebine	1960 (1961)
<i>hamoni</i> Adam	Residual puddles of underground streams, puddles formed by stalagmites; grortoes; 206	Adam	1962
<i>hamcocki</i> 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
<i>ANOPHELES</i> <i>hancocki</i> 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 & Garlou	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 water-holes 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 <i>Pistia</i> 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 <i>Pistia</i> ; naturally infected with malaria; 320°	de Meillon	1947a.
	Swamp valleys; ---; 320	Gons	1960
	---; savannah; 324	Kolstein	1953

TABLE 1 - MOSQUITOES (continued)

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

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPELES</i>			
<i>hargreavesi</i> 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 <i>Pistia</i> 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, <i>Pistia</i> 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 <i>Pistia</i> , in sun or shade, among <i>Pistia</i> , 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
<i>harperi</i> 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
<i>hispaniola</i> (Theobald)	Near coast; June-Sept., peak in June, in mountains; 8	Senevet	1936
	On little beaches with feeble current or 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
<i>ANOPHELES</i>			
<i>hispaniola</i> (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, reser- voirs; ---; 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*	Jumier	1959
	In gutters with aquatic plants, in streams with <i>Chara</i> and <i>Zannichellia</i> , in soft-water stream with filamentous algae <i>Oedogonium</i> ; Apr. and Oct.; 316	Seurat	1943
<i>hyrcanus</i> (Pallas)	---; ---; 176	Goodwin	1961
	---; ---; 211	Kumra	1929
<i>hyrcanus</i> var. <i>pseudopictus</i> Grassi	---; ---; 176	Le Face	1937
	---; ---; 211	Senevet & Andarelli	1956
<i>implexus</i> (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 see- pages, pools, ponds, streams; occasionally in houses; 163	de Meillon	1947a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>implexus</i> (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 & Cariou	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.; 225	Service	1963
	---; ---; 227. (Shaded, semi-permanent water, margins and backwaters of streams)	Edwards	1941
	Under heavy tree shade, peripheral zones of papyrus 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 <i>Phoenix</i> 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
<i>ANOPHELES</i>			
<i>implans</i> (Theobald) (cont.)	---; lakeshore forest stream edges; 320	Haddow & Dick	1948
	---; essentially nocturnal; 320	Haddow	1961
	---; Apr., Nov.; 320	Lumsden	1952
<i>implans</i> var. <i>henrardi</i> Wolfs	---; ---; 44	Lips	1960a.
<i>jacobi</i> (Hill & Haydon)	Small springs at sea level; ---; 322	Evans	1938
<i>jebudensis</i> 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
<i>keniensis</i> 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
<i>kibena</i> Peters	---; indoors; 364	Peters	1955a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>kingi</i> Christophers	Rocky, limpid stream; ---; 44	Schwetz	1927
	---; ---; 44, 364. (Gently flowing water with vegetation, bites outdoors, in houses)	de Meillon	1949
	---; Aug., Oct.-Dec.; 192°	Giaquinto-Mira	1950
	---; in huts; 163	Garnham & Harper	1944
	Found at 7000 feet in gently flowing water of small marsh among <i>Cyperus dicroostachyus</i> 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
<i>labronchiae</i> Falleroni	Fresh and brackish waters of rivers and marshes; chief malaria vector; 8*, 211*, 316*	Russell	1957
	---; ---; 176	Goodwin	1961
<i>labronchiae</i> <i>labronchiae</i> Falleroni	Fresh and saline waters, rivers and marshes; ---; 176, 211	Logan et al.	1953
<i>labronchiae</i> <i>sicaulti</i> Roubaud	---; ---; 211	Sicart & Ruffie	1960
<i>lascari</i> Grjebine	Grassy pools, brooks in forest, in rich floating aquatic vegetation; ---; 186	Grjebine	1954
<i>leesoni</i> Evans	---; ---; 13	Lewis	1956
	---; ---; 44, 324	Lips	1959
	Rivers; savannah species; 61	Mouchet & Garjou	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	Rolstein	1931a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>leesonii</i>	---; in dense inland forest; 156	Doucet et al.	1960
Evans (cont.)	---; ---; 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. (Crevicee 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
	Crevicee, under banks and stones; enters houses; 322	Evans	1938
	---; enters houses; 364	Wilson	1938
<i>listeri</i>	---; ---; 14	Stone et al.	1959
de Meillon	---; 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
<i>lloreti</i>	Shady backwaters of mountain streams without vegetation; ---; 106	de Meillon	1949
Gil Collado	---; ---; 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
<i>ANOPHELES</i>			
<i>longipalpis</i>	---; ---; 13, 102	Stone et al.	1959
Theobald	---; ---; 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
<i>longipalpis</i>	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
var. <i>domicolus</i>	---; Aug.; 226°	Service	1963
Edwards	Infiltrations between rocks in forest; ---; 364	Adam & Mattingly	1956 (1957)
<i>lovettae</i>	---; in houses; 364	Evans	1938
Evans	Slow moving water with large amounts of organic mat- ter, forest and ground pools; forest species; 364	de Meillon	1949
<i>machardyi</i>			
Edwards			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES macmahoni Evans</i>	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 vegeta- tion 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
<i>maculipalpis (Giles)</i>	---; maximum activity May-July; 8	Sargent	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 <i>Plasmodium vivax</i> , 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
<i>ANOMALUS</i> <i>maculipalpis</i> (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 ditches; ---; 226	Hamon et al.	1956
	---; in savannah with heavy rainfall; 156	Doucet et al.	1960
	Dams, 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 <i>Wuchereria bancrofti</i> ; 186*	Raghavan	1961
	---; ---; 186*	Huehns	1953
	---; experimentally infected with <i>W. bancrofti</i> ; 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
<i>ANOPHELES</i>			
<i>maculipalpis</i> (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; ---	Smith	1955a.
<i>maculipennis</i> Meigen	(A beginning of the development of the larvae of <i>Filaria oxzardi</i> and <i>Stalonia perstans</i>)	Neveu-Lemaire	1933
	Lakes; Mar.-July, peak June, Sept.-Oct.; 8	Collignon	1939
	In ditches, seepages, edge of rock; Apr.-Sept.; 8	Collignon	1938
	In holes of clear water, dried up stream; Sept.; 8	Ambialet	1938
	On edge of lakes, in pools formed by rain in dried up canals; Nov.; 8	Collignon	1938a.
	In marl pits, dead branches of rivers; ---; 8	Senevet & Fratani	1938
	In water among filamentous algae, <i>Spirogyrus</i> , <i>Cladophores</i> ; ---; 8	Sergeant & Sergeant	1918a.
	---; Mar.-Dec.; 8	Senevet & Andarelli	1960
	---; ---; 8. (Parasites: <i>Plasmodium vivax</i> , <i>P. falciparum</i> , <i>P. malariae</i> , <i>Criethidia fasciculata</i> , <i>Thelohania legeri</i> , 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 <i>P. ovale</i> ; 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
<i>ANOPHELES</i>			
<i>maculipennis</i> Meigen (cont.)	---; ---; 284 In stream with aquatic plants with submerged leaves and the algae <i>Chara foetida</i> and <i>Potamogeton natans</i> ; ---; 316*	Corrado Seurat	1925 1943
<i>maculipennis</i> var. <i>atroparvus</i> van Thiel	---; ---; 8	Sargent	1940
<i>maculipennis</i> <i>labronchiae</i> Falleroni	Salty and marshy "dead" branch of stream connected to the sea in winter only; ---; 8 Rice fields; ---; 8 ---; ---; 8° ---; domestic; 211 Briny, dirty water without vegetation; lives in human habitats; 316*	Sargent Senevet & Andarelli Senevet & Andarelli Gaud Juminer	1936 1961 1960 1948 1959
<i>maculipennis</i> <i>melanoon</i> Hackett	Salty and marshy "dead" branch of streams connected to sea during winter only; ---; 8	Sargent	1936
<i>maculipennis</i> var. <i>sicauli</i> Roubaud	Salty and marshy "dead" branch of streams connected to the sea during winter only; ---; 8 ---; anthropophilic; 211	Sargent Roubaud	1936 1935
<i>maliensis</i> Bailliy- Choumara & Adam	---; ---; 61 Forest gallery in shallow brooks with clear, cold water and muddy or sandy bottom with cascades; river banks; 112, 131	Mouchet & Gariou Bailliy- Choumara & Adam	1961 1960
<i>marshallii</i> (Theobald)	Edges of sluggish stream; ---; 13 ---; ---; 14, 56, 214, 324 ---; ---; 43 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) Marshy region near river; ---; 44 ---; 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, <i>Pistia stratiotes</i>)	Abbott Stone et al. de Meillon de Meillon Vincke Bequaert	1948 1959 1947 1947a. 1959 1930

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>marshallii</i>	---; in houses; 44	Vincke et al.	1957
(MacBald)	---; houses; 61	Adam	1956
(cont.)	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 <i>Pistia</i> , 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 <i>Stenotaphrum dimidiatum</i> ; 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 Maillon	1949
	---; ---; 206	Merle & Maillot	1955
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 226	Neveu-Lemaire	1933
	---; enters houses; 226	Anderson	1933

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>marshallii</i>	Water seepage, streams; ---; 227	Pielou	1947
(Theobald)			
(cont.)	---; ---; 230. <i>Pistia</i> -covered pool; ---; 320	Bedford	1928
	---; bites indoors early in the morning; 279°	Lewis	1936c.
	---; enters houses; 279	Gordon & McDonald	1930
	Sand pools, hoof prints; in houses, seldom bites man; 292°	Raid & 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 & Barvoets	1958
	---; indoors; 364	Peters	1955a.
<i>marshallii</i>	---; ---; 279	Evans	1925a.
var. <i>freetownensis</i>			
Evans			
<i>marshallii</i>	---; ---; 13, 102	Stone et al.	1959
var. <i>gibbinsi</i>			
Evans	---; ---; 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
<i>ANOPHELES</i>			
<i>marshallii</i> var. <i>hargreavesi</i> Evans	---; ---; 115, 226, 279	Galliard	1932
<i>marshallii</i> var. <i>moucheti</i> 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 back-water of rivers where larvae are often hidden among water lettuce, <i>Pistia stratiotes</i>)	Bequaert	1930
<i>marshallii</i> var. <i>moussini</i> de Meillon & Pereira	---; ---; 44, 214, 292. (Permanent swamp among vegetation) Rock pool; rare; 163	de Meillon	1949
	---; ---; 226	Service	1958a.
	Streams, swampy area; ---; 292	Service	1961
	Slow flowing clear water among grass and reeds; ---; 292	Reid & Woods	1957
<i>marshallii</i> var. <i>pitchfordi</i> (Giles)	---; ---; 14	de Meillon	1947a.
	---; ---; 44	Gandara	1958
	---; ---; 320, 364	Schwetz & Edwards	1927
	---; ---; 322	de Meillon et al.	1936
<i>marteri</i> Senevet & Prunelle	Mountain stream, rock pools; Apr.-Oct.; 8	de Meillon	1947a.
	Streams, small ponds; Apr.-June, Aug., Oct.-Nov.; 8	Senevet	1936
	In shallow excavations lined with ferns; Apr., Nov.; 8	Senevet & Andarelli	1960
	At base of rocks, in seepage; May; 8	Clastrier	1936
	---; ---; 8. (Deeply shaded rocky pools in mountain streams)	Collignon	1936
	---; ---; 176	Russell et al.	1943
	---; ---; 211	Goodwin	1961
	Mountain streams; ---; 316	Logan et al.	1953
<i>miscarensis</i> de Meillon	In floating vegetation on edges of little torrential brooks in forest; ---; 186	Jumier	1959
	Shaded, stony brook flowing between wooded hills; ---; 186	Grjebine	1954
		Mouchet & Garloui	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>hanncocki</i>	---; Nov.-Dec.; 131	Toumanoff & Simond	1956 (1957)
<i>macgreggii</i> Hamon			
<i>mauritanus</i>	---; ---; 13. In forests during dry season; ---; 115	Galliard	1932
Grandpre & Charney	---; ---; 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 <i>Pistia</i> and grasses; ---; 44	Schwartz	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 <i>Pistia</i> ; ---; 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
<i>ANOPHELES</i>			
<i>mauritanus</i> Grandpré & Charsoy (cont.)	---; experimentally infected with larvae of <i>Wuchereria bancrofti</i> ; 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.
<i>mauritanus</i> var. <i>paludis</i> 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 <i>Pistia stratiotes</i> , occasionally in stagnant water, roadside puddles)	Bequaert	1930
	---; on banks of river; 102	Bevan	1937
	---; ---; 115	Galliard	1932
	---; ---; 123	Simpson	1916
	---; ---; 175	Evans	1932
	Ponds and rivers well supplied with living aquatic vegetation; ---; 226	Barbe. & Olinger	1931
	---; enters houses; 226	Anderson	1933
<i>mauritanus</i> var. <i>tenebrosus</i> Dönitz	---; ---; 96, 163, 230, 234	La Face	1937
	---; ---; 115	Galliard	1932
<i>mauritanus</i> var. <i>ziemanni</i> 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
<i>ANOPHELES</i>			
<i>mauritanus</i>	---; in houses; 226	Anderson	1933
var. <i>ziemannii</i> Grünberg (cont.)	Shallow grassy ponds open to the sun; ---; 226	Barber & Olinger	1931
<i>melanocephalus</i> Hackett	---; ---; 8	Logan et al.	1953
<i>melas</i> Theobald	Brackish water; experimentally infected with <i>Plasmodium falciparum</i> ; 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°	Ribbans	1946
	---; indoors; 175*	Gelfand	1954
	In brackish pools in mangrove; ---; 175	Fox	1957
	Saline waters; ---; 175	Burgess	1962a.
	---; naturally infected with <i>Wuchereria bancrofti</i> ; 175	Raghavan	1961
	---; artificially infected with <i>P. falciparum</i> ; 175	Burgess	1960
	---; in houses; 279	Davidson	1947
<i>merus</i> Dönitz	---; ---; 364	Morstatt	1913
<i>michaelsi</i> de Meillon & Leeson	---; ---; 44, 227. (Permanent marshes among <i>Cyperus</i> and <i>Typha</i>)	de Meillon	1949
	---; reedy marshes; 44	Vincke & Leloup	1949
	---; in houses; 292	Raid & Woods	1957
<i>milloti</i> Grjebine & Lacm	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; ---; 136	Grjebine	1954
<i>minutus</i> Macquart	---; ---; 273	Stone et al.	1959
<i>mortiauxi</i> Edwards	In small shaded gently flowing rivers with sandy bottom and edge of grassy vegetation; ---; 44	Wanson & Barteaux	1954
<i>mouchiei</i> Evans	---; ---; 13	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>moucheti</i> 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 <i>Pistia stratiotes</i> 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 immersed vegetation; houses; 111°. ---; ---; 115, 319. Fish culture ponds in <i>paspallum</i> ; ---; 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	Zumt	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
<i>moucheti</i> <i>servotzi</i> D'haenans	---; ---; 44	Lips	1960
<i>moucheti</i> <i>moucheti</i> 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
<i>moucheti</i> var. <i>nigeriensis</i> Evans	---; ---; 44	Mouchet & Gariou	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOFHELES</i>			
<i>mucheti</i>	---; naturally infected with malaria; 57	Bruce- Chwatt	1950
var. <i>migeriensis</i>			
Evans (cont.)	---; ---; 113	Holstein	1953a.
	---; ---; 115, 131	Hamon et al.	1956
	---; ---; 123*	Grundy	1945
	In clear grassy water, clear water with <i>Pistia</i> , in open swamps with clear water; enters houses; 226	Evans	1936
	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.
<i>mueticinctus</i>	Cool water streams, with overhanging shade; ---; 163	Edwards	1930
Edwards			
<i>multicolor</i>	Collections of water on palms, small streams; ---; 8	Clastrier & Senevet	1961
Camboulin	---; 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	Gandara	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 <i>Plasmodium falciparum</i> ; 96	Gad	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY: DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>multicolor</i> 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 stresses with aquatic plants, <i>Chara zarnichellia</i> , <i>Lamprothamnus alopecuroides</i> , <i>Chadophora fracta</i> , <i>Scirpus littoralis</i> ; ---; 316	Seurat	1943
	---; Jan.; 316	Séguy	1934
<i>myzomyiaefacies</i> Theobald	---; ---; 8	Sergeant	1919
<i>natalensis</i> (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
<i>ANOPHELES</i>			
<i>natalensis</i> (Hill & Haydon) (cont.)	In waters of great temperature changes; ---; 163. ---; ---; 322. (Eddies and sides of swift streams usually with rocks, among grasses, ditches, fresh run- ning rivers shaded by banks with vegetation) ---; enters huts; 163	Evans Garham & Harper	1938 1944
	Small permanent streams with vegetation; rare; 292	Reid & Woods	1957
	Small clear lakes, in borders with semi-merged vege- tation; ---; 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
<i>natalensis</i> var. <i>multiauratus</i> Edwards	---; ---; 44. Cool fresh running water shaded by deep banks and jungle vegetation; ---; 163. Stream with little shade and gentle flow; ---; 320 ---; ---; 61 ---; ---; 292, 322. (Shaded backwaters) ---; ---; 292. (Streams, in houses)	Evans Stone de Meillon de Meillon	1938 1961 1947a. 1949
<i>nili</i> (Theobald)	---; bites man in evening outdoors and inside houses, bites in daylight; 13°. (May be important vector of malaria) ---; in houses; 13* ---; ---; 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 mala- ria organism) ---; ---; 14 ---; active in evenings; 43 Naturally infected with malaria, vegetated islands; occasionally bites man; 44°. In vegetation and shade along stream and river edges; ---; 102 Clear, shallow water, feeble current, bottom of clay with abundant vegetation; ---; 44 Marshy region near river; ---; 44 ---; possible vector of malaria; 44	Lewis Foote Russell et al. Gandara de Meillon de Meillon Bouillon Wincke Senevet	1956 1953 1943 1958 1947 1947a. 1953 1959 1935

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>nili</i> (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, <i>Pistia</i> 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
	Harigots; 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 <i>Pistia stratiotes</i> 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 <i>Pistia</i> 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
<i>ANOPHELES</i>			
<i>nili</i>	Mainly in small shade of streams; sometimes enters houses and may transmit malaria, naturally infected with malaria and filaria; 175	Peters	1956
(Theobald)	---; 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
(cont.)	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
<i>nili</i>	---; ---; 61	Mouchet & Gariou	1961
var. <i>somalicus</i>	In vegetation on edge of rivers; ---; 284	Rivola & Holstein	1957
Rivola & Holstein			
<i>njombiensis</i>	---; ---; 14	Gandara	1958
Peters	---; indoors; 364	Peters	1955a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>notleyi</i> van Sonaren	---; ---; 186	Stone et al.	1959
<i>obscurus</i> (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 cool 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 & Garloui	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
<i>ANOPHELES</i> <i>obscurus</i> (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; ---; 240	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
<i>obscurus</i> var. <i>nowlini</i> 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
<i>ANOPHELES</i>			
<i>obscurus</i>	Clear wooded hill streams, tendency to cling to rocks; ---; 175	Evans	1938
var. <i>nowlini</i>			
Evans			
(cont.)	---; ---; 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
<i>obscurus</i>			
<i>obscurus</i>	---; ---; 44	Bouillon	1953
(Grünberg)			
<i>paludis</i>	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.
Theobald			
	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
<i>ANOPHELES</i>			
<i>paludis</i>			
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
<i>parensis</i>	---; ---; 163	Stone	1963
Gillies	---; outdoors and indoors, bites mostly outdoors at night; 292°	Gillies & Furlong	1964
	---; ---; 364	Gillies	1962
<i>pauliani</i>	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 <i>Aponogator ulvaceus</i> , among floating roots of trees in well-oxygenated water; coast, attacks man, even during day in forest of decayed leaves; 186°	Grjebine	1956
Grjebine	Brooks with slow current, in aquatic plants and floating dead leaves, in deep almost stagnant renewable water; ---; 186	Grjebine	1954
<i>pharoensis</i>	Reservoirs in areas with creeping grass; in houses bites outdoors; 13°	Lewis	1958
Theobald	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
<i>ANOPHELES</i> <i>pharoensis</i> 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 <i>Pistia</i> 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 rocks; ---; 320. (Naturally infected with malaria, suspected malaria vector)	de Meillon	1947a.
	In <i>Ceratophyllum demersum</i> ; ---; 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
<i>ANOPHELES</i>			
<i>pharoensis</i>	---; in houses, attack indoors and outdoors at sunset; 71°. ---; in houses, attack indoors and outdoors at sunset, naturally infected with malaria; 89°, 307°.	Hamon et al.	1956
Theobald (cont.)	---; naturally infected with malaria; 112, 324. ---; ---; 131, 175, 225, 279. (Ditches in sweet potato cultures and irrigation wells)		
	---; 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
	<i>Pistia</i> , 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 <i>Pistia</i> grass, and floating vegetation; ---; 320	de Meillon	1949
	Seepage water; ---; 96	Manson-Bahr	1920
	Drain; ---; 96	Mohy'ddin 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
<i>ANOPHELES</i> <i>pharoensis</i> Theobald (cont.)	---; indoors and outdoors, attacking at dawn, Oct.; 102°	Giaquinto-Mira	1950
	---; swamps, vicious 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 <i>Pistia</i> ; ---; 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, seapages, 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
<i>ANOPHELES</i>			
<i>pharoensis</i>	Ponds especially with grassy margins, swamps; naturally infected with malaria; 226	Barber & Olinger	1931
Theobald (cont.)	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 <i>Wuchereria bancrofti</i> , experimentally infected with <i>W. bancrofti</i> ; 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 <i>Ceratophyllum</i> , 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.
<i>pitchfordi</i>	---; ---; 14, 206, 320. ---; bushy country; 322	Bedford	1928
(Giles)	In holes; ---; 44	Schwetz	1927
<i>plumbeus</i>	Tree holes; ---; 8	Senevet et al.	1954
Stephens	---; 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
<i>ANOPHELES</i> <i>pretoriensis</i> (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. Grasser 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	Lacén	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; 162	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
<i>ANOPHELES</i>			
<i>pretoriensis</i> (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	Fielou	1947
	---; ---; 284	van Someren	1943
	Permanent and semi-permanent waters; in houses, naturally infected with malaria oocytes, seldom bites man; 292°	Raid & 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.
<i>radama</i> de Meillon	---; coast and near water bodies; 186	Lacan	1954

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>ragaudi</i> (Mattingly & Adam)	Under rocks; ---; 61	Adam & Hamon	1956
	---; in tunnel; 61	Mattingly & Adam	1954
<i>renoi</i> Grjebine	Brooks and streams in forest, in running water on edges of streams and floating aquatic vegetation; ---; 186	Grjebine	1954
<i>rhodsiensis</i> 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*°	Glaquinto-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 <i>Plasmodium falciparum</i> ; 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
<i>ANOPHELES</i>			
<i>rhodasiensis</i>	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
Theobald (cont.)	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 <i>Wuchereria bancrofti</i> , vector of nocturnal filariasis; 364*	Manson-Bahr	1959
	---; experimentally infected with <i>W. bancrofti</i> ; 279	Neveu- Lemaire	1933
	---; ---; 284	van Someren	1943
	All types of permanent and semi-permanent water; in houses, naturally infected with malaria; 292	Zaid & 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	Sonavat & Pratani	1938
	Swamps; ---; 364	Peters	1955a.
<i>rhodasiensis</i>	---; ---; 102	Corradetti	1939
<i>dthaliaimilis</i> Corradetti	At altitude of about 1400 meters; ---; 214	Corradetti	1939c.
<i>rhodasiensis</i>	---; ---; 8	Stone	1961
<i>rupisulus</i> Lewis	---; ---; 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
<i>ANOPHELES</i> <i>rivulorum</i> 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 vegeta- tion, often with <i>Pistia</i> ; cracks in stream banks; 163, 214, 226, 292, 320, 322, 364	de Meillon	1947a.
	Swamps with stagnant water with <i>Pistia</i> , lake shore with <i>Pistia</i> and <i>Papyrus</i> , 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 <i>Pis- tia</i> or other floating plants; ---; 320	Evans & Leeson	1937
	Inner or lakeward side of littoral swamps with <i>Pistia</i> and/or <i>Ceratophyllum</i> ; ---; 320	Goma	1961
	River swamps in grass zone among <i>Pistia</i> and <i>Cerato- phyllum</i> ; ---; 320	Goma	1960
	---; enter houses; 320	Leeson	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>rivulorum</i> Leeson (cont.)	---; ---; 322. (Edges and backwaters of streams, usually well shaded)	Edwards	1941
	---; ---; 324	Hamon	1954a.
	Among <i>Pistia</i> beds in swamps; ---; 364	Smith	1955
	---; in houses, all year; 364*	Gillies & Smith	1960
<i>rivulorum</i> var. <i>garnhamellus</i> Evans & Leeson	Swamp pools with <i>Pistia</i> , rivers; ---; 163, 320, 364	Evans & Leeson	1937
	Only in <i>Pistia</i> except in Digo District; ---; 163. In clear still pools in swamps, mostly in <i>Pistia</i> ; ---; 364	Evans	1938
	Water with high salinity; indoors; 320	Leeson	1937
	Inner or lakeward side of littoral swamps with <i>Pistia</i> and/or <i>Ceratophyllum</i> ; ---; 320	Goma	1961
	River swamps, swamp pools; ---; 320	Goma	1960
<i>rodhaini</i> Leleup & Lips	---; in grottos; 44	Leleup	1952
<i>roubaudi</i> Grjebine	In shade in floating vegetation on edges of little torrential brooks in forest; ---; 186	Grjebine	1954
<i>ruarinus</i> Edwards	---; river banks; 14	Gandara	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.
<i>rufipes</i> (Gough)	Among vegetation <i>Naias pectinata</i> , 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
<i>ANOPHELES</i> <i>rufipes</i> (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	Gondara	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, <i>Pistia</i> ; 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
<i>ANOPHELES</i> <i>rufipes</i> (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 see- pages, 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, compari- tively 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

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>rufipes</i> (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.
<i>rufipes</i> var. <i>brucechwatti</i>	---; July; 71. ---; well, Mar.; 324	Hamon et al.	1961a.
Hamon, Taufflieb & Dyem- kouma	---; Feb.; 226°	Service	1963
<i>rufipes</i> var. <i>ingrami</i>	---; ---; 13°	Lewis	1943
Edwards	---; ---; 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.
<i>rufipes</i> <i>rufipes</i> (Gough)	---; ---; 89	Hamon et al.	1956b.
	---; Jan.-Feb., Mar.-Apr., Sept.-Oct.; 226°	Service	1963
<i>rufipes</i> <i>sensuati</i> Rioux	---; ---; 71	Rioux	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>tricolor</i> 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.
<i>sacharovi</i> Favre	---; ---; 8	Senevet	1935
	---; ---; 176	Goodwin	1961
<i>salbaii</i> Maffi & Coluzzi	---; ---; 284	Stone et al.	1959
<i>schwetzi</i> Evans	---; ---; 13. (In forest gallery near river)	Lips	1959
	---; ---; 44	de Meillon	1949
	---; rare; 112	Evans	1938
<i>sergentii</i> (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
<i>ANOPHELES</i>			
<i>sergentii</i> (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
<i>sergentii</i> <i>macmahoni</i> Evans	---; ---; 8	Stone	1961
	---; ---; 13, 163, 284, 324	Stone et al.	1959
	Shaded clear water pools with vegetation, river bed during dry season; ---; 102	Glaquinto-Mira	1950
<i>seydali</i> 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	Raid & Woods	1957
<i>sinensis</i> Wiedemann	---; ---; 211	Charrier	1924a.
<i>smithi</i> 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; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>smithi</i> 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
<i>smithi</i> var. <i>rageauxi</i> 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)
<i>squamosus</i> 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	Gandara	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 & Garin	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
<i>ANOPHELES</i> <i>equatorius</i> Theobald (cont.)	Shallow marsh with graminées on edge, reeds in center and outlet; ---; 102	Gvazza & 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
<i>ANOPHELES</i> <i>squamosus</i> 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 <i>Wuchereria bancrofti</i> ; 226. ---; naturally and experimentally infected with <i>W. bancrofti</i> ; 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, <i>Pistia</i> , puddles; houses; 273	Hamon et al.	1956a.
	Unsnaded pool; ---; 279	Blacklock & Evans	1926
	---; important vector of <i>W. bancrofti</i> ; 279*. Among <i>Pistia</i> 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 <i>Pistia</i> and/or <i>Ceratophyllum</i> ; ---; 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	1920
	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
<i>ANOPHELES</i>			
<i>squamosus</i> 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
<i>squamosus</i> var. <i>cydippes</i> 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
<i>squamosus</i> var. <i>entabbiensis</i> 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
<i>squamosus</i> <i>squamosus</i>	---; naturally infected with <i>Wuchereria bancrofti</i> ; 279	Manson-Bahr	1959
<i>superpictus</i> Grassi	---; ---; 8, 96. (Flat, pebbly river bottom, back- waters 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
<i>ANOPHELES</i>			
<i>superpiotus</i> Giles (cont.)	---; ---; 8. (Experimentally infected with <i>Plasmodium vivax</i>)	Séguy	1924
	---; ---; 63	Prey et al.	1936
	Slow flowing streams with clear and with thick floating green algae; ---; 96	Abdol-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	Juminer	1959
<i>superpiotus</i> var. <i>vassilievi</i> Portchinsky	---; ---; 8, 96. (Habitually in mountains, breeds in mountain and ravine streams with algae)	Edwards	1926
<i>swahilius</i> Gillies	In swamps filled with water, all year, in zones of floating <i>Pistia</i> ; ---; 163°. ---; ---; 364	Gillies	1964
<i>symesi</i> Edwards	---; ---; 13	Lewis	1936
	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
	<i>Pistia</i> , papyrus swamps; ---; 163, 320	Evans	1938
	---; in houses; 163	Haddow	1942.
	In dense papyrus swamps; ---; 320	Goma	1960
	Littoral swamps; ---; 320	Goma	1961
<i>tohekedj</i> de Meillon & Leeson	River banks; ---; 14	Gándara	1958
	Swamps; ---; 43	de Meillon	1949
<i>tenebrosus</i> 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
<i>ANOPHELES</i> <i>thaileri</i> 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.
<i>thaileri</i> var. <i>brohieri</i> Edwards	---; ---; 123	Smart	1943
<i>thaileri</i> var. <i>hancocki</i> Edwards	---; ---; 175	Evans	1932
	---; ---; 226	Edwards	1929
	---; ---; 320*	Gibbins	1932
<i>thaileri</i> var. <i>septentrionalis</i> 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
<i>thaileri</i> var. <i>saydali</i> 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
<i>thaileri</i> <i>thaileri</i> 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
<i>ANOPHELES</i>			
<i>transvaalensis</i> 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	Swallengrebel et al.	1931
	---; Sept.-May; 322	Bedford	1928
<i>turkhuhi</i> 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 & Shah	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
<i>ANOPHELES</i>			
<i>umbrosus</i> (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
<i>upemba</i> Mattingly	---; ---; 44	Lips	1960a.
<i>vanhoofi</i> Wanson & Lebiad	In grottos; ---; 44	Leloup	1950
	Cave pools; ---; 44	de Meillon	1949
	---; grotto; 206	Adam	1961
<i>vanthieli</i> 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; sus- pected vector of <i>Plasmodium atheruri</i> ; 44	Lambrecht & Zaghi	1960
<i>vinakai</i> de Meillon	Clear, very shady water of overgrown dams and streams; ---; 44	de Meillon	1947a.
	Creeks along river; rare; 44	de Meillon	1949
<i>walravensi</i> Edwards	---; ---; 14	Stone et al.	1959
	Reedy swamps; ---; 44	Vincke & Leloup	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.
<i>walravensi</i> var. <i>milesi</i> de Meillon & Evans	---; ---; 292, 322	de Meillon & Evans	1935
<i>walravensi</i> var. <i>schwetsi</i> Evans	On river edge; naturally infected with malaria oo- cysts; 44. ---; ---; 217, 292	Lips	1959
	---; ---; 112, 364	Stone et al.	1959
<i>watsoni</i> (Laicester)	---; ---; 123	Simpson	1914

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>wellecomei</i> 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	Schwets	1927
	Clear water marshes with light current and <i>Pistia</i> 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 <i>Pistia</i> ; ---; 273. Grassy marshes, rice fields with warm water having light current; rarely in houses, attacks with ferocity after night-fall, maximum aggression 10 p.m. to midnight; 324°	Hamon et al.	1956
	Large forest, river edges, edges of ponds, savannahs, cultivated plateaux; ---; 61	Mouchet & Garion	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; 354	Smith	1955
<i>wellecomei</i> <i>erepms</i> 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
<i>wellecomei</i> <i>ugandae</i> (Evans)	---; ---; 13	Gillies	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>wellooiei</i>	---; ---; 61, 102, 163, 324, 364	Gillies	1958
<i>wellooiei</i> Theobald	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
<i>wilsoni</i> 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
<i>siamensis</i> 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
<i>ARMIGERES</i>			
<i>albomarginatus</i> (Newstead)	---; ---; 44	Schwetz & Edwards	1927
<i>argenteoventralis</i> (Theobald)	---; ---; 163	Edwards	1915
	---; ---; 175	Bequaert	1930
	---; enter houses, Mar.; 322	Bedford	1928
<i>BANKSINELLA</i>			
<i>lineatopennis</i> (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.
<i>luteolateralis</i> Theobald	---; ---; 44	Bequaert	1913
	---; ---; 54, 230, 320	Neave	1912
	---; ---; 163	Anderson	1919
	---; ---; 226	Simpson	1912
	---; Mar., Apr., June; 322	Edwards	1915
<i>luteolateralis</i> var. <i>albicosta</i> Edwards	---; ---; 13, 54, 163	Edwards	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>BANKSIANELLA</i>			
<i>luteolateralis</i> var. <i>flavinservis</i> Edwards	---; June, Sept.; 322	Edwards	1915
<i>punctocostalis</i> Theobald	---; thick forest and transitional forest; 123. ---; lowlying swamps surrounded by lagoon; 226	Macfie & Ingram	1916a.
	---; houses; 226	Dalsiel	1920
<i>CULEX</i>			
<i>aerostichalis</i> Edwards	---; ---; 13, 320	Edwards	1941
	---; near river; 44	Mattingly & Lips	1953
<i>adairi</i> Kirkpatrick	---; ---; 71	Rioux	1959
	---; ---; 96, 111	Stone et al.	1959
<i>adami</i> (Hamon & Mouchet)	---; ---; 61	Stone et al.	1959
<i>adversianus</i> 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
<i>ager</i> Giles	---; ---; 123, 226	Edwards	1912
<i>ager</i> var. <i>ethiopicus</i> Edwards	---; ---; 44	Bequaert	1913
	Water holes with clear water and semi-submerged filmy algae; June-Dec.; 123	Ingram	1912
<i>albertianus</i> Edwards	---; ---; 44, 163, 364	Edwards	1941
<i>albiventralis</i> Edwards	River; ---; 44	Schwartz	1927
	---; Feb., Mar.; 156°	Doucet	1961 (1962)
<i>albiventrals</i> Edwards	Artificial containers, in dead leaves and in tree holes; ---; 44	Leabrecht & Zaghi	1960
	---; ---; 61, 204, 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
<i>CULEX</i>			
<i>albiventris</i> Edwards (cont.)	In tree holes in high forest; ---; 175	Peters	1956
	Artificial containers, tree holes; ---; 226	Surtees	1959
	Forest tree holes; lowland forest and plantation; 320	Haddow et al.	1951
<i>alpha</i> Séguy	---; ---; 8	Séguy	1924
<i>andersoni</i> 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
<i>andersoni</i> <i>abyssinicus</i> Edwards	Artificial containers, pools in stream; ---; 100	Lewis	1943a.
	---; ---; 102	Giaquinto-Mira	1950
<i>andersoni</i> <i>bwambanus</i> 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
<i>andreaus</i> Edwards	---; ---; 44, 123, 226. (Permanent water with vegetation)	Edwards	1941
	Pools in virgin <i>Miscanthidium</i> , untouched and slashed <i>Phoenix</i> , "makindu" palm, swamps, pools among tall papyrus and <i>Phoenix reclinata</i> ; ---; 320	Goma	1960
<i>annulatus</i> var. <i>maroccanus</i> d'Anfreville	---; rural species, enters houses; 211	d'Anfreville	1916

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>annulicornis</i>	---; ---; 14, 44, 117, 123, 227, 230, 292, 320, 322, 364. (Permanent and semi-permanent water)	Edwards	1941
Theobald	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 <i>Spirogyra</i> ; ---; 102	Bevan	1937
	---; bites in evening, in houses, Aug.-Sept.; 117°	Bertram et al.	1958
	In <i>Nixanthidium</i> 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	Kramer	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 Wort & de Maillon	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	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>annulioris</i>	Artificial containers; ---; 226	Bruce-Chwatt	1957
Thobald			
(cont.)	Green filamentous algae on edge of marigots and rice fields; ---; 273	Hamon et al.	1956a.
	Swamp, latrine washing-bucket; ---; 279	Evans	1925
	---; in houses; 279	Gordon et al.	1932
	---; ---; 292°	McIntosh et al.	1963
	Glass and papyrus swamps, at both high and low altitudes, among filamentous green algae, and <i>Utricularia</i> , in peripheral zones, in permanent and semi-permanent swamp pools, in lake shore swamps, in clear water, in abandoned, previously cultivated, papyrus swamps, <i>Miscanthidium</i> , and <i>Phoenix</i> swamps, in cut <i>Miscanthidium</i> 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 <i>Spirogyra</i> ; ---; 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, sumpages, rice fields, swamps; in huts, bites outdoors and indoors at night; 364°	Smith	1955
	Pools with vegetation; slow streams; 364	Harris	1942
<i>annulioris</i>	---; ---; 13, 44, 115, 123, 175, 226, 279, 320, 365	Edwards	1941
<i>constituta</i>			
Newstead	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
<i>CULEX</i>			
<i>annulioris</i>	Pools with filamentous algae; ---; 226	Hanney	1960
<i>consimilis</i>			
Newstead	Water with vegetation; ---; 226	Zumpt	1937
(cont.)			
	Swamps with filamentous algae; ---; 279	Lewis	1936c.
	---; enters houses; 279	Gordon et al.	1932
	---; ---; 320	McClelland	1959
	---; Mar., June; 364	Smith	1955
<i>annulioris</i>	---; ---; 117	Findlay & Davey	1936
var. <i>gambiensis</i>			
Theobald			
<i>annulioris</i>	---; ---; 103, 320	Edwards	1941
major			
Edwards	---; coastal; 214	Brooke Worth & de Meillon	196
	---; in houses; 361	Mattingly	1949
<i>annulirostris</i>	---; ---; 186	Hamon	1954c.
Skuse			
<i>annulirostris</i>	Temporary puddles, forest clearings exposed to sun;	Briscoe	1950
<i>consimilis</i>	---; 175		
Newstead			
<i>annulitarsis</i>	---; ---; 186	Edwards	1920a.
Macquart			
<i>antennatus</i>	Swamps; bites man after sunset; 13°	Lewis	1948
(Becker)			
	Axils of <i>Sansseriera</i> and banana; ---; 13	Lewis	1943
	---; common; 13°. ---; naturally infected with West- ern 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)	Leeson	1958
	---; ---; 44	Stone et al.	1959
	Grassy marshes; ---; 89	Hamon	1954b.
	---; naturally infected with West Nile virus; 96.	Brooke Worth & de Meillon	1960
	---; coastal, inland lowland; 214		

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i> <i>antennatus</i> (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	Ovarza 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	Eason	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
<i>CULEX</i>			
<i>apicalis</i> Adams	---; ---; 8, 316	Senevet	1947
	Pools in stream from a spring; Aug.; 63	Christophers	1929
	Marshes, clear water with vegetation; ---; 211	Charrier	1924a.
<i>arabicus</i> Becker	---; ---; 282	Edwards	1941
<i>arbieeni</i> 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
<i>argenteopunctatus</i> (Ventrillon)	---; ---; 14	Gandara	1958
	---; ---; 43	de Meillon	1947
	---; ---; 44	Mattingly & Lips	1953
	Rock pools with vegetation on edge; ---; 112	Hewitt	1954 (1953)
	---; ---; 123	Simpson	1914
	Canal with dirty water; ---; 186	Deucet	1949
	---; active at night; 320	Corbet & Hedlow	1961
	---; ---; 364	Hamon	1954a.
<i>argenteopunctatus</i> <i>kingii</i> (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)	Lucas	1958
	Streams; highland; 163	van Someren et al.	1953
	Grassy rice fields; ---; 273	Hamon et al.	1956a.
	---; bites day and night in lowland forest and plan- tations; 320°	Hedlow et al.	1951
	---; in forest; 320	Corbet	1964a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>argentiopunctatus</i> <i>kingii</i> (Theobald) (cont.)	Pools, streams, swamps, dams, troughs, crab holes; rare; 322 ---; in erosion gully; 364	Muspratt Smith	1955 1955
<i>astridionus</i> de Meillon	---; ---; 44, 361	de Meillon	1942
<i>ataaniatus</i> Theobald	---; ---; 322	Stone et al.	1959
<i>aurantipex</i> Edwards	---; ---; 14 ---; ---; 44 ---; ---; 54, 320. (Incomplete development of <i>Wuchereria bancrofti</i> obtained experimentally) Semi-permanent and permanent water; ---; 163 ---; coastal, inland lowland; 214 Swamps bordering a lake, <i>Miscanthidium</i> , papyrus and <i>Phoenix</i> swamps, in cut <i>Miscanthidium</i> and in virgin and burnt papyrus areas; ---; 320 In littoral swamps with papyrus, reeds, short grass and other vegetation in quite clear, shallow water; ---; 320 Pools, streams, swamps, dams, troughs, crab holes; rare; 322 ---; ---; 322. (Swamp pools with high organic con- tent)	Gándara de Meillon Naveu- Lemaire Edwards Brooke Worth & de Meillon Goma Goma Muspratt Leeson	1958 1943 1933 1941 1960 1960 1961 1955 1958
<i>aurantipex</i> <i>abyssinicus</i> van Someren	---; ---; 102	van Someren	1945
<i>aurantipex</i> <i>ellinoras</i> Ovazza, Hamen & Neri	---; on plain; 102	Ovazza et al.	1956
<i>aurantipex</i> var. <i>jinjaensis</i> Edwards	---; ---; 227 ---; ---; 320 ---; ---; 322	Robinson Edwards Brooke Worth & Paterson	1948 1941 1961
<i>avianus</i> 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
<i>CULEX</i>			
<i>avianus</i> de Meillon (cont.)	Rock pool in deep shade of small stream; ---; 122	de Meillon	1943
<i>beta</i> Séguy	---; ---; 8	Séguy	1924
<i>bitaeniorhynchus</i> Giles	Swamps; ---; 13	Lewis	1946
	---; ---; 13, 44, 163, 320, 364. (Semi-permanent and permanent water)	Edwarde	1941
	---; ---; 14	Gándara	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	Marttingly	1949
	Green filamentous algae on brook edges; houses; 89	Hamon	1954c.
	---; ---; 102, 322. (Polluted water). Filmy algae; ---; 123	Bedford	1928
	---; in houses, Aug.-Sept.; 117	Bertram et al.	1956
	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)	Leeson	1958
	Sunny stagnant water with vegetation in swamps and irrigation ditches; ---; 273	Karim 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
<i>CULEX</i>			
<i>bitaeniorhynchus</i> 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	1954a.
	---; ---; 361	Mattingly	1949
	Clean water of streams, drains, dams with vegetation; ---; 364	Harris	1942
<i>bitaeniorhynchus</i> var. <i>tenax</i> Theobald	---; river banks; 102	Bevan	1937
<i>bukuruensis</i> Wolfe	Pools of more or less clear water on river bank; ---; 44	Hopkins	1952
<i>calabarensis</i> Edwards	---; houses; 89	Hamon et al.	1956b.
	---; ---; 226	Edwards	1941
<i>calurus</i> Edwards	---; ---; 163	Stone et al.	1959
<i>cameroonensis</i> Hamon & Grandara	---; ---; 248	Stone et al.	1959
	---; Nov., near coast; 267	Hamon & Grandara	1955 (1956)
<i>castelli</i> Hamon	---; in savannah with heavy rainfall; 156	Doucet et al.	1960
<i>castor</i> de Meillon & Lavoipierre	In rivers and on <i>Pandanus</i> plants; ---; 44	Lambrecht & Zaghi	1960
<i>chorleyi</i> 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	Gvazda et al.	1956
	Sedge-papyrus swamp connecting lakes, in trodden foot-path and in previously cut papyrus inside the swamp, water with iridescent ferruginous surface scum 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
<i>CULEX</i>			
<i>chorleyi</i> Edwards (cont.)	In littoral swamps near dry land, in permanent inland swamps at high altitudes; ---; 320	Gona	1961
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>cinereus</i> Edwards	Pools beside a stream in the deep shade of forest gallery; ---; 13	Lewis	1954
	---; ---; 13, 44, 226, 279. (Crab holes)	Edwards	1941
	---; ---; 14	Gandera	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
<i>cinereus</i> 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
<i>CULEX</i>			
<i>cinereus</i> Theobald (cont.)	---; in dense forest and inland forests, in savannahs; 156	Doucet et al.	1961
	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
<i>cinereus</i> <i>uniformis</i> Theobald	---; ---; 123	Edwards	1941
	---; in outdoor latrines; 175	Peters	1956
	---; in forest; 320	Haddow et al.	1961
<i>consimilis</i> 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
<i>coursi</i> Doucet	Rice field; ---; 186	Doucet	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>cummingsi</i> Theobald	---; ---; 44	Bequaert	1913
<i>decens</i> Theobald	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 123, 186, 226, 279, 320, 322, 334, 364. (Semi-permanent and permanent water, crab holes, rock pools, in houses)	Edwards	1941
	---; ---; 14	Gándara	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 & Adan	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	Senavet & 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 <i>Pistia</i> ; ---; 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
<i>CULEX</i> <i>decens</i> Theobald (cont.)	---; in dense coastal or inland forests, in savannas 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 <i>Loeria hazandra</i> "lawn" just before fern zone bordering open lake water, abandoned, previously cultivated papyrus swamp and cut <i>Niecanthidium</i>	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>decens</i>	swamp; ---; 320	Goma	1960
Theobald (cont.)		(cont.)	
	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.
<i>decens</i>	---; ---; 44	Schwartz & Edwards	1927
var. <i>invidiosus</i>			
Theobald	---; ---; 123	Ingram & Macfie	1924
	Artificial containers; ---; 226	Connell	1926a.
	Tree hole, swamp, hospital drain area, rock pool; ---; 279	Evans	1925
	---; enters houses; 279	Gordon et al.	1902
	Water from coconut palms; ---; 364	Edwards	1923a.
<i>demeilloni</i>	---; ---; 186	Stone et al.	1959
Doucet			
<i>desertiicola</i>	Clear water, pools with vegetation, water with feeble currents; ---; 8	Clastrier & Senevet	1961
Kirkpatrick	River, pools with vegetation; ---; 8	Senevet	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>desertiicola</i> Kirkpatrick (cont.)	---; Mar.-May, July, Nov.-Dec.; 8	Senevet & Andareilli	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	Stene et al.	1959
<i>draconie</i> Ingram & de Meillon	---; ---; 163	Bedford	1928
	Edge of stream running among rocks; ---; 322	Ingram & de Meillon	1927
<i>drymocius</i> Speiser	---; ---; 364	Morstatt	1913
<i>duttoni</i> Thobald	Water holes, water vessals; ---; 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 manioc; ---; 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, streams, 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
	Futrid 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
<i>CULEX</i>			
<i>duttoni</i>	Sand holes, marsh holes; ---; 102	Ovarza et al.	1936
Theobald (cont.)	Rivers in savannah regions; in houses, in dry season; 115	Galliard	1931
	Artificial containers; in huts; 117	Bartraa et al.	1958
	---; arid sandy soil, old sea bed, thick and transi- tional forest, open orchard bush; 123. Low-lying swamps surrounded by lagoon; ---; 226	Macfie & Ingram	1916a.
	Water holes with somewhat foul water, artificial con- tainers where water had accumulated for a few yrs; ---; 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
<i>CULEX</i>			
<i>duttoni</i>	---; enters houses; 279	Gordon et al.	1932
Theobald (cont.)	---; ---; 386	van Schuren	1943
	Pools in cut <i>Nileacanthidium</i> 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.
<i>ethiopicus</i>	Residual pools in water courses in dry season; ---; 13°	Lewis	1943
Edwards	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	Gandara	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
<i>CULEX</i>			
<i>ethiopicus</i>	Swamps; along coast, highland; 163	van Someren et al.	1955
Edwards (cont.)	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Open swamp; ---; 226	Hanney	1960
	Green filamentous algae 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
<i>fatigans</i>	---; ---; 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
Wiedemann	---; ---; 13, 44, 57, 163, 230, 284, 320, 322*, 364. (All year, near habitations, vicious biter, carrier of <i>Mucroeria bancrofti</i>)	Bedford	1928
	---; ---; 13°. (Experimental transmission of yellow fever)	Lewis	1947
	---; ---; 14	Gandara	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, experi- mentally 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
<i>CULEX</i>			
<i>fatigans</i>	---; naturally infected with <i>Wuchereria bancrofti</i> ; 96	Manson-Bahr	1959
Wiedemann (cont.)	---; common; 96	Gough	1914
	Artificial containers; ---; 100*	Levis	1943a.
	---; ---; 100	Mara	1946
	---; river banks; 102	Revan	1937
	Artificial containers; houses at night; 112	Hamon	1954
	---; bites at the beginning of rainy season; 115°	Galliard	1936
	---; ---; 117*	Findley & 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 <i>W. bancrofti</i> ; 163, 186, 264	Raghavan	1961
	---; in houses; 163	Hirsch 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	1954a.
	---; 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	Lumpt	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>fatigans</i>	---; experimental transmission of yellow fever; 226	Bruce-Chwatt	1950
<i>Wiedemann</i> (cont.)	---; ---; 234. Artificial containers, pools, streams, dams, troughs, crab holes; abundant in most localities except in more arid parts; 322	Muspratt	1955
	---; ---; 267	Senevet & Andarelli	1958
	Artificial containers; Dec., Jan., Feb.; 273	Cretillat	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 Meillon	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 <i>Wuchereria bancrofti</i> ; 364	Aders	1913
	Artificial containers, steel water tanks, mango tree holes, pineapple axils; enters huts; 364	Lumsden	1955
	---; naturally and experimentally infected with <i>W. bancrofti</i> ; 364	Jordan & Goatley	1962
	Water from coconut palms; ---; 364	Edwards	1923
<i>fatigans</i> var. <i>nigritrostris</i> Enderlein	---; ---; 186	Enderlein	1920
<i>lubriforis</i> Edwards	Rivers, tree holes, dead leaves, <i>Pandanus</i> plants; ---; 44	Lambrecht & Zaghi	1960
	---; ---; 44, 320. (Densely shaded forest pools)	Edwards	1941
<i>flavus</i> Verrillon	---; ---; 186	Enderlein	1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>furlongi</i> van Someren	Bamboo pots; bites outdoors; 163°	van Someren et al.	1955
	---; rarely bites; 163°	Teesdale	1959
<i>galliardi</i> Edwards	---; ---; 44, 115, 226, 279	Edwards	1941
	---; in huts; 117	Bertram et al.	1958
	---; ---; 175	Stone et al.	1959
<i>gamma</i> Séguy	---; ---; 8	Séguy	1924
<i>giganteus</i> Venturion	---; ---; 186	Edwards	1920a.
<i>gilliesi</i> Hamon & van Someren	Axil of <i>Pandanus</i> leaves; ---; 364	Hamon & van Someren	1961
<i>grahami</i> 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
	---; arid, sandy soil, old sea bed, thick and transi- tional 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 out- doors; 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	Hannay	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>grahami</i>	Wells; houses; 226	Dalziel	1920
Theobald (cont.)	Pice 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.
<i>grahami</i> var. <i>farakoensis</i> Hamon	Rock pool with vegetation on edges; ---; 112	Hamon	1954 (1955)
	---; ---; 226	Stone	1963
<i>gxiarti</i> Blanchard	---; ---; 13, 112, 117, 319, 322	Stone et al.	1959
	---; ---; 14	Gândara	1958
	Lakes, ponds with vegetation; plantations; 44, 115, 123, 226, 230	Ge'liard	1931
	Marshy region near river; ---; 44	Vincke	1959
	Puddles and grassy marshes, <i>Pistia</i> , in pools; ---; 89. Forest pools; ---; 307	Hamon et al.	1956b.
	---; river banks; 102	Bevan	1937
	Swamp with <i>Pistia stratiotes</i> ; ---; 123	Ingram & Macfie	1917
	---; ---; 131	Toumaneff & Simond	1956 (1957)
	---; in dense coastal or inland forests; 136	Doucet et al.	1960
	Swamps, wells, streams; bites outdoor; 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
<i>CULEX</i>			
<i>guiarti</i>	In various types of ground pools, usually with clear	Peters	1956
Blanchard	water exposed to sun and with little vegetation, pools		
(cont.)	formed by overflow of streams in rainy season favored; in abandoned wooden buildings near breeding sites; 175		
	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, particu- larly in open permanent and semi-permanent pools, breeding among <i>Utricularia</i> in fairly clear water of a lake-shore grass swamp, virgin and cut <i>Miscanthidium</i> , recently cut and previously burnt papyrus swamps and in slashed <i>Phoenix</i> 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.
<i>guiarti</i>	---; ---; 123, 226	Edwards	1941
var. <i>sudanicus</i>			
Edwards			
<i>hancocki</i>	---; ---; 163, 320. (Bamboo stems)	Edwards	1941
Edwards			
<i>harleyi</i>	Leaf axils of <i>Pandanus</i> ; ---; 175	Peters	1956
Peters			
<i>hopkinsi</i>	---; ---; 44	Stone et al.	1959
Edwards	---; ---; 163, 320. (Rock pools)	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>hopkinsi</i> Edwards (cont.)	Ground pools; ---; 320	Edwards & Gibbins	1939
<i>horridus</i> Edwards	---; ---, 13, 44, 123, 163, 226, 279, 292, 320, 364, 365. (Tree holes, bamboo stems, in houses)	Edwards	1941
	---; ---; 14	Gándara	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
<i>horridus</i> var. <i>rogersi</i> (Hamon & Ricken- bach)	---; ---; 61, 89 324	Stone et al.	1959
	---; Dec.-Mar.; 156	Doucet	1961 (1962)
<i>hortensis</i> 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
<i>CULEX</i>			
<i>hortensis</i>	---; in houses; 8	Villeneuve	1919
<i>Filicalti</i> (cont.)	Reservoirs and pools of clear water covered by vegetation; wooded areas; 63	Braga	1951
	---; Feb.; 63. ---; ---; 112. (In ponds)	Séguy	1921
	---; Aug.; 63. Pools in stream beds; July; 187	Christophers	26
	Clear water with vegetation; ---; 211	Charrier	1948
	In mountains; ---; 211	Callot	1947
	---; ---, 316	Séguy	1924
<i>hortensis</i> <i>madarensis</i> Mattingly	---; ---; 187	Stone et al.	1959
<i>inconspicu-</i> <i>us</i> (Theobald)	---; ---; 13, 44, 115, 123, 279, 292, 320, 364. (Permanent pools with little or no vegetation)	Edwards	1941
	---; ---; 14	Gándara	1958
	Marshy region near river; ---; 44	Vincke	1959
	---; ---; 54, 206, 227, 248, 319	Stone et al.	1959
	Lakes, ferryboat; ---; 61. (In <i>Pistia</i> 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; ---; 117	Hamon	1954
	Edges of grassy and shallow stream; ---; 117	Bertram et al.	1958
	Pools with <i>Pistia</i> ; ---; 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. holes; 175	Peters	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>inornatus</i> (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	Hannay	1960
	---; July-Aug.; 226	Mattingly	1949a.
	---; ---; 267	de Costa Pinhão & da Costa Mourão	1961
	Rice fields; ---; 273	Hamon et al.	1956a.
	Pools, streams, swamps, dams, troughs, crab holes; ---; 322	Mispratt	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 back- water; ---; 364	Harris	1942
<i>ingrami</i> 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; ---; 10?	Ovazza et al.	1956
	Artificial containers, banana leaf axils, fallen leaves, ground pools; ---; 123	Surtees	1956
	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 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>inconspicuus</i> (Theobald) (cont.)	---; highland; 21-	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 Fimhão & Costa Mourão	1961
	fields; ---; 273	Hamon et al.	1956a.
	in streams, swamps, dams, troughs, crab holes; 322	Muspratt	1955
	in water in swamp or stream bed pools; ---; 322	Ingram & de Meillon	1927
	shaded wood and pool; ---; 322	Brooke Worth & Pateron	1961
	---; ---; 322	Hamon	1954a.
	Water holes, seepage pools, marshes and river back- water; ---; 264	Harris	1942
<i>ingrami</i> Edwards	---; ---; 13, 115, 206, 319	Stone et al.	1959
	---; ---; 14	Brooke Worth & Pateron	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
<i>CULEX</i>			
<i>ingravatus</i> 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	Gons	1960
	Littoral swamps; ---; 320	Gons	1961
<i>insatiabilis</i> Bigot	---; ---; 186	Enderlein	1920
<i>insignis</i> (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	Gons	1961
	Swamp; ---; 320	Gons	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
<i>CULEX</i>			
<i>insignis</i> (Carter) (cont.)	Pools, swamps, streams, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 324	Stone et al.	1959
	Swamp area; ---; 364	Aders	1917a.
<i>invidiosus</i> 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 savannas 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
<i>CULEX</i>			
<i>invidiosus</i>	---; wooded zone; 273	Hamon et al.	1956a.
Theobald (cont.)	Edges of swamps; ---; 320	Goma	1960
	---; lowland forest and plantations; 320	Haddow et al.	1951
	Swamps; ---; 364	Aders	1917a.
<i>invidiosus</i> var. <i>verillatus</i> Edwards	Fresh water in pig wallows; ---; 14	Brooke Worth & Paterson	1961
	---; ---; 44, 226, 320	Edwards	1941
	---; ---; 206	Stone et al.	1959
<i>invidiosus</i> <i>vicinalis</i> de Meillon & Lavoipierre	---; ---; 44	de Meillon & Lavoipierre	1944
<i>irocundus</i> Walker	---; ---; 186	Hamon	1954c.
<i>iridescens</i> (Lutz)	---; ---; 186	Hamon	1954c.
<i>kanyawerima</i> van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
<i>kilara</i> van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
<i>kingianus</i> 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	1961 (1962)
	Swamps with fresh water and aquatic plants; ---; 186	Grjebine	1954
	---; ---; 319	Stone et al.	1959
	Pools in virgin and slashed <i>Phoenix</i> , virgin <i>Miscan- thidium</i> 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
<i>CULEX</i>			
<i>kirkpatricki</i> Edwards	Rock holes containing polluted rain water; ---; 96	Edwards	1926b.
<i>Laplanchei</i> (Razou, Adams & Mouchet)	---; ---; 61	Stone et al.	1959
<i>labioinotus</i> 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	1938
	---; abundant Sept.-Oct.; 8. ---; ---; 14. (Accidentally domestic). ---; Jan.; 316	Séguy	1924
	---; Jan., June; 8	Senevet & Anderlill	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 HABITAT; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>laticinctus</i> Edwards (cont.)	Well, rock holes, crevices; ---; 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	Vernail	1953
<i>Laurenti</i> Newstead	On board ships in rivers; vicious biter; 44°	Bequaert	1930
	Lake shore with <i>Pistia</i> 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.
<i>liberianus</i> Peters	<i>Pandanus</i> leaf axils; ---; 44	Laarman	1959a.
	<i>Pandanus</i> leaf axils; ---; 175	Peters	1956
<i>macfie</i> Edwards	Tree hole; ---; 13	Lewis	1954
	Dead leaves, tree holes, <i>Pandanus</i> plants; ---; 44	Lambrecht & Zeghi	1960
	Marshy region near river; ---; 44	Vincke	1956
	---; 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
<i>CULEX</i>			
<i>macfieii</i>	---; ---; 163	Gersham et al.	1946
Edwards (cont.)	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.
<i>mauritanicus</i> Callot	---; ---; 211	Stone et al.	1959
<i>milloti</i> Doucet	Water with vegetation, foul water; ---; 186	Doucet	1949a.
<i>rimeticus</i> Noë	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
<i>minutus</i> var. <i>tarsalis</i> Newstead	---; ---; 44	Bequaert	1913
<i>mirificus</i> 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
<i>modestus</i> Ficaibi	---; Aug.-Sept.; 8. (In woods and thickets, in houses, bites by day, sunset and night)	Séguy	1924
	---; ---; 96	Bai aud	1921
<i>mongiro</i> van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
<i>moucheti</i> 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
<i>CULEX</i>			
<i>moucheti</i>	---; Mar., Apr., Nov.; 61	Ragesu & Adam	1953
Evans (cont.)	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
<i>mundulus</i>	---; ---; 61	Stone	1961
Grünberg	---; ---; 226	Stone et al.	1959
<i>musarum</i>	---; ---; 44, 163. (Leaf axils)	Edwards	1941
Edwards	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
<i>muspratti</i>	---; ---; 44	Stone	1961
Hamon & Lambrecht			
<i>nakuruensis</i>	---; ---; 163	Stone et al.	1959
Mattingly			
<i>neavei</i>	---; ---; 54, 320	Edwards	1914
Theobald	---; ---; 163	Anderson	1924
<i>nebulosus</i>	Water vessels; ---; 13°	Lewis	1943
Theobald	---; ---; 13, 44, 115, 117, 123, 175, 320, 365. (Tree holes, artificial containers)	Edwards	1941
	---; ---; 14	Gandara	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
<i>CULEX</i>			
<i>nebulosus</i>	---; ---; 56. Tree holes, artificial containers, leaf axils of <i>Strelitzia</i> ; common and widely distributed; 322	Muspratt	1955
Theobald (cont.)	---; ---; 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 <i>Heliconia</i> , 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	Rozeboom & 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
<i>CULEX</i>			
<i>nebulosus</i>	---; Aug.-Oct., Dec.; 226	Service	1963
Theobald (cont.)	---; 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.
<i>nebulosus</i> var. <i>pseudocine-</i> <i>reus</i> Theobald	---; ---; 13, 56. Tree holes, artificial containers, leaf axils of <i>Strilizia</i> ; 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
<i>neireti</i> Ventrillon	---; ---; 186	Enderlein	1920
<i>ninagongoensis</i> 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
<i>CULEX</i>			
<i>ninagongoensis</i> 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
<i>nyangae</i> Galliard	Water with slow current and silk-weeds; ---; 115	Galliard	1931
<i>ornatothoracic</i> 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
<i>pallidocephalus</i> Theobald	---; ---; 13, 163	Edwards	1913
	---; common; 96	Gough	1914
	---; ---; 230, 320	Bedford	1928
	---; Sept.; 322	Edwards	1915
<i>perexiguus</i> 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
<i>perfidiosus</i> 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
<i>CULEX</i>			
<i>perfidiosus</i> Edwards (cont.)	Muddy pools in rice fields, artificial containers; ---; 123	Surtees	1958
	---; in dense coastal forests in savannah; 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
<i>perfuscus</i> 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 previous- ly 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
<i>CULEX</i>			
<i>perfuscus</i> Edwards (cont.)	---; lowlands, forest, and plantations; 320	Haddow et al.	1951
	---; ---; 322	Brooke Worth & Paterson	1961
	---; indoors; 364*	Aders	1917a.
	---; ---; 364	Harris	1942
<i>paringuayi</i> Edwards	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>philipi</i> 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
<i>pipiens</i> 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 <i>Plasmodium relictum</i> ; 8	Sargent & Sargent	1918
	---; all year; 8	Sargent	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
<i>CULEX</i> <i>pipiens</i> 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 <i>Wuchereria bancrofti</i> ; 96*	Raghavan	1961
	---; natural infection and experimental transmission of Sindbis 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
<i>CULEX</i>			
<i>pipiens</i>	In brackish streams with aquatic plants, <i>Chara foetida</i>	Seurat	1943
Linnaeus	and <i>Athya filiformis</i> and reeds; ---; 316		
(cont.)	---; spring-fed pools near sea with not much vegeta- tion, Dec.; 316	Vernaeil	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
<i>pipiens</i>	Septic tanks; ---; 13°	Lewis	1956a.
<i>fatigans</i>	---; ---; 44*. ---; naturally infected with bancrof- tial filaria; 364	Smith	1955
Wiedemann	---; 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 experi- mentally infected with <i>Wuchereria bancrofti</i> ; 163*	Heisch et al.	1959
	---; May, Sept.-Mar., in bush, houses, mainly noctur- nal 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
<i>CULEX</i>			
<i>pipiens</i>	Crab holes; bites outdoors and in houses day and night, peak midnight; 186°	Hamon	1956
<i>fatigans</i> Wiedemann (cont.)	---; all year, huts, grain bins, near wells, dry pots, zane 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 <i>Wuchereria bancrofti</i>)	Hamon et al.	1958
	---; ---; 364°	Smith & Brausby- Williams	1962
<i>pipiens</i>	---; ---; 8, 96, 316	Stone et al.	1959
<i>molestus</i> Forskål	Pools, wells, bilge water of barges, pit latrines; Apr., June, and Dec.; 13°	Lewis	1945
<i>pipiens</i>	---; ---; 14, 322	Brooke Worth & Paterson	1961
<i>pipiens</i> Linnaeus	---; ---; 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- <i>Typha</i> -sedge-papyrus swamp near lake, pools, pools in cut and virgin <i>Miscanthidium</i> swamps, clear water or with iridescent ferruginous surface scums and containing brown flocculences; ---; 320	Goma	1960
<i>pipiens</i> <i>quinquifasciatus</i> Say	---; ---; 292°	McIntosh et al.	1963
<i>pipiens</i> var. <i>zombaensis</i> Theobald	---; ---; 54, 227, 230, 320, 364	Neave	1912
<i>pluvialis</i> Kirkpatrick	Rock pools with clear fresh rain water; ---; 96	Kirkpatrick	1925
<i>poicilipes</i> (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
<i>CULEX</i> <i>poicillipes</i> (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 mangots; Nov., Dec., bites at sunset; 89°	Hamon et al.	1956b.
	---; 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	1957
	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.	1956
	---; 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
<i>CULEX</i>			
<i>poicilipes</i> (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 <i>Pistia</i> and <i>Ceratophyllum</i> , occasionally in very foul and turbid water, scanty in swamps with green filamentous larvae; ---; 320	Gonsa	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 <i>Pistia</i> plants; ---; 364°	Smith	1955
<i>pruina</i> 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
<i>CULEX</i>			
<i>pruina</i> Theobald (cont.)	---; ---; 279 Forest ground pools; forest, plantations and canopy, bites by day and night; 320 ²	Simpson Haddow et al.	1913 1951
<i>pruina</i> <i>eschirasi</i> Galliard	---; ---; 61 Permanent water with little or no vegetation; ---; 115 Stagnant water along banks of streams; ---; 115 ---; in dense inland forest, savannah; 156 ---; ---; 206, 319, 320 ---; ---; 226	Rageau & Adam Edwards Galliard Doucet et al. Stone et al. Mattingly	1953 1941 1931 1960 1959 1947
<i>pseudopruina</i> van Someren	---; lowland forest; 320	Haddow et al.	1951
<i>pulchrithorax</i> Edwards	---; ---; 64. ---; rare; 322 ---; ---; 214 ---; in houses, Oct. and Sept.; 322	Muspratt Edwards Bedford	1955 1941 1928
<i>pusillus</i> Macquart	Clean, moving water, pool with vegetation, well drains; ---; 8 Artificial containers; ---; 8 Seepage pools caused partly by high river levels due to the action of Aswan Dam; ---; 13 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 In seepage water, drains, channels with high concen- tration of salts; abundant all year except in Dec.- Mar.; 96 Wide well with vegetation; ---; 176 ---; spring-fed pool near sea, without much vegeta- tion, Dec.; 316	Senevet Séguy Lewis Kirkpatrick Gad Vermeil Vermeil	1947 1924 1954 1925 1956 1953a. 1953
<i>pyrenaicus</i> Brolemann	---; ---; 8, 316. (Grassy pools, clear water, pools without vegetation) ---; ---; 63	Séguy Germer & Behrens	1924 1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>quasigelidus</i> 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 <i>Pistia</i> and grasses; ---; 44	Schwetz	1927
	On boats in rivers; ---; 44	Bequaert	1930
	Small pool with <i>Pistia</i> ; ---; 56. ---; ---; 206	Bedford	1928
	---; ---; 102	Giaquinto-Mira	1955
	Borrow pits with clear water, overhung with grass and covered with algae; Oct.-Dec.; 123	Ingram	1952
	Ponds with <i>Pistia</i> ; ---; 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
<i>quasiguiarti</i> 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
<i>quasimodestus</i> Theobald	---; rare; 96	Gough	1914
<i>quiarti</i> (Bl.)	---; ---; 322	de Meillon et al.	1957

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>quinquefascia- tus</i> Say	---; ---; 13, 284, 322, 364. In boats, rivers; domes- tic; 44. ---; common in July; 175. (Intermediary host of <i>Wuchereria bancrofti</i>)	Bequaert	1930
	Polluted drainage water, tree holes, artificial con- tainers exposed to sun and with water covered with algae; in huts; 273	Kartman et al.	1947
<i>riokteri</i> Ingram & de Meillon	Rock pools in riverbeds; ---; 322	Ingram & de Meillon	1927
	---; river, Mar.; 322	Bedford	1928
<i>rima</i> 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
	---; ---; 327	Bequaert	1930
	Water hole in forest; ---; 322	Ingram & de Meillon	1927
	---; rare; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
<i>rima</i> var. <i>koumbai</i> Galliard	---; in houses; 115. ---; ---; 44, 226, 320, 322	Galliard	1931b.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>robici</i> Doucet	---; ---; 186	Stone et al.	1959
<i>rubinotus</i> 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, <i>Phoenix miscanthidium</i> , 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 <i>Miscanthidium violaceum</i> ; ---; 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
<i>salisburyensis</i> Theobald	---; ---; 13, 163, 227, 292, 322. (In permanent water with little or no vegetation, stream edges and back-water)	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; ---; 160	Lewis	1943a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADUL. ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>salisburyensis</i> Theobald (cont.)	Edges of slow stream; ---; 102	Ovazza et al.	1956
	---; ---; 186	Doucet	1949
	Crab holes; in a house, crab holes; 226	Daiziel	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
<i>salisburyensis</i> <i>naudeanus</i> Muspratt	---; ---; 322	Stone	1963
<i>schwetsi</i> Edwards	---; ---; 44	Edwards	1941
	Rock pools in rivers fully exposed to sun, disused wells, borrow pit; ---; 175	Peters	1956
<i>scottii</i> Theobald	---; ---; 201	Schwetz & Edwards	1927
	---; ---; 275	Edwards	1941
<i>seldeslachtsi</i> Wolfs	Ditch with stagnant water; ---; 44	Hopkins	1952
<i>semibrunneus</i> 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 <i>Phoenix</i> swamps, pools among tall papyrus and <i>Phoenix reclinata</i> ; ---; 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
<i>CULEX</i>			
<i>sergentii</i> Theobald	---; ---; 8	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
<i>seyrigi</i> Edwards	---; ---; 186	Edwards	1941
<i>ehoas</i> Hamon & Ovazza	Banana trees or <i>Musa</i> ; ---; 102	Ovazza et al.	1956
<i>simpliciforceps</i> Edwards	Swampy edges of reservoir; ---; 23	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
<i>simpsoni</i> Theobald	---; ---; 13, 44, 163, 186, 292, 322, 364. (Perma- nent pools and rock pools with little or no vegeta- tion)	Edwards	1941
	---; ---; 14	Gandara	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
<i>CULEX</i>			
<i>simpsoni</i>	---; Aug.-Oct., Dec.-Jan., Mar., in bush, rare especially in forest; 163	van Someren et al.	1958
Theobald (cont.)	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 <i>Acacias</i> 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.
<i>sinaiticus</i>	---; bites at night; 13°. ---; common; 100	Lewis	1956a.
Kirkpatrick	---; ---; 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
<i>CUL.</i>			
<i>sitiens</i> Wiedemann	Sea water; ---; 13	Hopkins	1952
	---; ---; 13, 186. (In inland salt or alkaline areas)	Edwards	1941
	---; ---; 54	Ovazza et al.	1956
	---; ---; 100	Hanson	1957
	Wells; ---; 102	Glaquinto-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.
<i>spathipalpis</i> Rondani	---; ---; 176	Brighenti	1930
<i>stellatus</i> van Someren	Steps cut in coconut trees; ---; 275	van Someren	1947
<i>stoehri</i> Theobald	---; ---; 54, 230	Neave	1912
	---; ---; 163	Anderson	1919
<i>striatipes</i> 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
<i>CULEX</i>			
<i>striatipes</i> Edwards (cont.)	---; ---; 292, 322. (In river pools)	Leeson	1958
<i>striatipes</i> <i>joanae</i> Munpratt	Flooded grassy streams, pools, streams, swamps, dams, troughs, crab holes; rare; 322	Munpratt	1955
<i>subaequalis</i> 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.	1951
<i>subrima</i> 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	Hazon et al.	1957 (1958)a.
	---; in forest; 320	Corbet	1964a.
<i>singapuriensis</i> Edwards	---; ---; 13, 123, 226	Edwards	1941
	---; ---; 61, 117, 273	Stone et al.	1959
	Crab holes; ---; 89	Hazon 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
<i>tamsi</i> Edwards	---; ---; 267, 365	Edwards	1941
<i>tesella</i> de Meillon & Lavoipierre	---; ---; 14	Gandara	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
<i>CULEX</i>			
<i>tenagius</i> van Someren	---; ---; 163, 320	Stone et al.	1959
<i>terzii</i> Edwards	---; ---; 102, 163, 292, 320 Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Stone et al. Macpratt	1959 1955
<i>thalassius</i> Theobald	---; ---; 14 ---; ---; 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) ---; ---; 57 Grassy edges of brackish lagoons; ---; 89. Grassy gutters; ---; 307 ---; ---; 113 ---; ---; 115. ---; May; 322 Drainage ditch, fairly deep water; in houses, bites indoors and outdoors in evening; 117° ---; ---; 117* Fresh rain water, polluted and non-polluted pools, artificial containers, brackish lagoons; ---; 123 ---; arid sandy soil, old sea bed; 123. ---; low- lying swampy area surrounded by lagoon; 226 ---; outdoors and inside houses, attacks man frequent- ly; 123° Septic tanks; ---; 131 ---; coastal region; 131 ---; dense inland forest; 156 In brackish water in lagoons and tidal swamps parti- cularly associated with <i>Avicennia</i> mangrove; 175 ---; coastal, inland lowland, maximum abundance one to three or four miles inland from the edge of the bay; 214 Crab holes, boats, canoes, artificial containers, pools, brackish swamps; crab holes, houses; 226	Gandara Edwards Stone et al. Hamon et al. Senevet & Andarelli Edwards Bertram et al. Findlay & Davey Ingram & Macfie Macfie & Ingram Kerr Toumanoff & Simond Toumanoff Ducet et al. Peters Brooke Worth & de Meillon Delziel	1958 1941 1959 1956b. 1959 1915 1958 1936 1917 1916a. 1932 (1956 1957) 1959a. 1960 1950 1960 1920

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>thalassius</i> 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
<i>thalassius</i> var. <i>fuscus</i> Theobald	---; ---; 123	Ingram & Macfie	1924
<i>theileri</i> 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	Braga	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
<i>CULEX</i>			
<i>theileri</i>	Shallow borrow pit and pools with stagnant and brackish water with floating green algae; ---; 96	Abdel-Malek	1956
Theobald (cont.)	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
<i>tigripes</i>	Water holes; ---; 13°	Lewis	1943
Grandpre & Charmoy	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
<i>CULEX</i>			
<i>tigripes</i>	---; ---; 54	Neave	1912
Grandpre & Charney (cont.)	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
<i>CULEX</i>			
<i>tigripes</i>	Shaded swamps; ---; 186	Grjebine	1954
Grandpre & Charmoy (cont.)	---; 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 <i>Wuchereria bancrofti</i> ; 226	Neveu- Lenaire	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 <i>Miscanthidium</i> and <i>Phoenix</i> 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
<i>CULEX</i>			
<i>tigripes</i>	---; in houses; 361	Mattingly	1949
Grandpre & Charney (cont.)	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
<i>tigripes</i> var. <i>fusca</i>	---; ---; 44	Schwetz	1915
Theobald	---; forest; 102	Bevan	1937
	Pools with <i>Pistia</i> ; ---; 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	Macfie & Ingram	1916a.
	Artificial containers; ---; 226	Dalziel	1920
	---; ---; 279	Simpson	1913
<i>tipuliformis</i> 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-smel- ling 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
<i>toroensis</i> 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 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>toroensis</i> 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
<i>toroensis</i> <i>macrophyllus</i> 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
<i>trifilatus</i> 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
<i>trifilatus</i> <i>aenescens</i> 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
<i>CULEX</i>			
<i>trifoliatus</i> 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.
<i>tritaeniorhynchus</i> Giles	Marshes encumbered with vegetation, grassy holes, sometimes in sunlight; ---; 61	Doby & Mouchet	1957 (1958)
	<i>Pistia</i> 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 mis-; 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
<i>CULEX</i>			
<i>tritarsiorhynchus</i>	---; in dense coastal forest and savannah; 156	Doucet et al.	1960
Giles (cont.)	Swamps; bites outdoors, enters houses; 163°	van Someren 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 sunshins; ---; 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 areas; 273	Kartman et al.	1947
	---; very aggressive; 284°	Bailly- Choumara	1960
	---; ---; 319	Stone et al.	1959
	Stagnant pools; ---; 364	Harris	1942
<i>umbripes</i> Edwards	---; ---; 44	Mattingly & Lips	1953
<i>univittatus</i> 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, 299. Pools, streams, swamps, dams, troughs, crab holes; common and widely distributed; 322	Muspratt	1955
	---; persistent biter, occasionally troublesome in late afternoon; 43°	de Meillon	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i> <i>trivittatus</i> 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 mari- gets, grassy rain puddles; ---; 89	Homon 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 sub- merged algae, borrow pit with stagnant water without vegetation, disused well, barrel; ---; 96	Abdel-Malek	1956
	Marshes and stream pools, generally away from dwell- ings; ---; 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 West- ern 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
<i>CULEX</i>			
<i>trivittatus</i>	---; open orchard bush, thick and transitional forest;	Macfie &	
Theobald	123. ---; low-lying swampy area surrounded by lagoon;	Ingram	1916a.
(cont.)	226		
	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	Versaill	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
	<i>Pistia</i> , 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 <i>Phoenix</i> , and virgin and cut <i>Miscanthidium</i> swamps, water often with iridescent ferruginous surface scums and containing brown flocculence; ---; 320	Goma	1960
	Inner or lakeward side of littoral swamp with <i>Pistia</i> or <i>Ceratophyllum</i> , permanent inland swamps, exposed parts of seasonal inland swamps, among short grass, in small pools; ---; 320	Goma	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	REPRODING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>univittatus</i> 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.	1961
	---; 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	Harrie	1942
	Rice swamps; ---; 364	Aders	1917a.
	---; bites outdoors; 364°	Smith	1955a.
<i>univittatus</i> var. <i>neavei</i> 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.
<i>varisomareni</i> 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 STATISTICS)	AUTHOR	DATE
<i>CULEX</i>			
<i>vanosmereni</i> Edwards (cont.)	---; highland; 214	Brooke North & de Meillon	1960
	---; ---; 292. (Backwaters of rivers, ground pools and artificial containers)	Leeson	1958
<i>vanosmereni</i> <i>draconis</i>	(Rock pools)	Edwards	1941
Ingram & de Meillon	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>vanosmereni</i> <i>elgonicus</i>	---; ---; 102	Ovazza et al.	1956
Edwards	---; ---; 163, 320. (Rock pools)	Edwards	1941
<i>vanosmereni</i> <i>macrophyllus</i>	Swamp; ---; 320	Edwards & Gibbins	1939
Edwards & Gibbins			
<i>ventrilloni</i> Edwards	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schweta & Edwards	1927
<i>vinckeii</i> Hamon, Hol- stein & Rivola	---; forest gallery, Apr.; 44	Hamon et al.	1957 (1958)
	Bamboo; ---; 156	Doucet & Cachan	1962
	---; rare; 156	Doucet	1961 (1962)
<i>viridiventer</i> Giles	---; ---; 186	Hamon	1954c.
<i>vittatus</i> Bigot	Edge of fresh water swamps surrounded by salt water marshes; ---; 226	Gilroy & Bruce-Chwatt	1945
<i>watsoni</i> Wolfs	---; ---; 44	Stone et al.	1959
<i>watti</i> Edwards	---; ---; 14	Gándara	1958
	---; ---; 123, 320, 364. (Semi-permanent and perma- nent water without vegetation, rock pools)	Edwards	1941
	---; ---; 163	Anderson	1924
	---; bites by day in lowland forest; 320?	Haddow et al.	1951
<i>weachei</i> Edwards	---; ---; 13	Lewis	1956a.
	---; ---; 44, 97	Stone et al.	1959

TABLE 1 -- MOSQUITOES (continued)

SPECIES	BREEDING HABITATE; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>weacheti</i>	---; ---; 89. Little forest pools; ---; 307	Hamon et al.	1956b.
Edwards	---	Bertram et al.	1958
(cont.)	Permanent water with vegetation; ---; 123, 226	Edwards	1941
	---; coastal; 214	Brecks Worth & de Maillon	1960
	Rock pools with emergent vegetation and flood pools; ---; 226	Hannay	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
<i>weacheti</i>	Common in swamps, rare in wells, drains, dams, pools, tanks and artificial containers; bites outdoors; 163°	van Someren et al.	1955
<i>gediensis</i>	---; July, Aug., Sept., bites occasionally; 163°	Teesdale	1959
Edwards	---; June-Nov., in bush; 163	van Someren et al.	1958
<i>wigglesworthi</i>	---; ---; 13, 61, 324	Stone et al.	1959
Edwards	---; ---; 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	Hannay	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
<i>CULEX</i>			
<i>seitzneri</i> Neveu- Lemaire	---; ---; 102	Stone et al.	1959
<i>sombaensis</i> 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 ascent ferruginous surface scum and con- taining reddish-brown flocculence; ---; 320	Goma	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.
<i>CULICADA</i>			
<i>lateralis</i> (Meigen)	---; ---; 8	Schneider	1914
<i>CULICIOMYIA</i>			
<i>nebulosa</i> (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
<i>CULICINIA</i> <i>nebulosa</i> (Theobald) (cov.)	---; ---; 226°	Johnston	1916
	---; ---; 279°	Anonymous	1915
	---; ---; 320	Neave	1912
	Swamps, artificial containers; ---; 364°	Aders	1917a.
<i>CULISETA</i> <i>fraseri</i> (Edwards)	---; ---; 13, 44, 61, 206, 226, 279, 292, 320	Stone et al.	1959
	Tree holes, bamboo; ---; 156	Doucet & Cachen	1962
	Tree holes; ---; 163	Garnham et al.	1946
<i>Licorea</i> (Shute)	---; ---; 8	Stone et al.	1959
<i>Longiareolata</i> (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 artifi- cial 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 HABITATE; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULISETA</i>			
<i>longiareolata</i> (Macquart)	---; Feb., Apr.; 63	36guy	1921
	---; ---; 71	Rioux	1939
	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	Verneil	1953a.
	---; ---; 184	van Someren	1943
	In brackish water streams with aquatic plants <i>Chara foetida</i> , <i>Athya filiformis</i> and reeds; ---; 316	Seurat	1943
	---; open country, rare; 320	Haddow et al.	1951
	---; ---; 322. (Usually near habitations, all year)	Bedford	1928
<i>moreitans</i> (Theobald)	---; ---; 211	Stone et al.	1959
<i>subochrea</i> (Edwards)	---; ---; 8, 211	Stone et al.	1959
<i>CIATHOMYIA</i>			
<i>fusca</i> (Theobald)	Tree holes; ---; 123	Ingram & Macfie	1917
	---; arid sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
	---; ---; 131	Jeyeux	1915
	Artificial containers; ---; 226	Dunn	1928
	Tree holes; ---; 226	Dunn	1927
	Tree holes; ---; 364	Adams	1917a.
<i>DANIELSIA</i>			
<i>wellmani</i> Theobald	---; ---; 163	Anderson	1919
<i>ERETMAPODITES</i>			
<i>argyrurus</i> Edwards	---; Mar., May-Oct.; 156	Doucet & Cachan	1961 (1962)

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ERETMAPODITES</i>			
<i>argyrurus</i> Edwards (cont.)	In snail shells and tins; ---; 226	Boorman & Service	1960
<i>oedipodium</i>	Artificial containers, rivers, dead leaves, <i>Pandanus</i> plants; ---; 44	Lambrecht & Zaghi	1960
<i>chrysogaster</i> Graham	---; experimental transmission of yellow fever orga- nism; 13°	Lewis	1947
	---; ---; 14	Kuman	1931
	Rivers, <i>Pandanus</i> 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	Bauvallet	1931
	---; experimental vector of yellow fever, May; 102	Giaquinto- Mira	1950
	---; ---; 117, 248, 365. ---; experimentally infec- ted with yellow fever; 226. (Large fallen leaves, coconut shells, bites viciously day and night in swamps)	Edwards	1941
	---; ---; 117*	Findlay & Davey	1936
	<i>Achatina</i> shells, flowered heads of <i>Heliconia</i> , 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. .s	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ITMAPODITES</i>			
<i>chrysogaster</i>	Cut bamboo stumps with rain water in forest; ---; 175. (Predaceous)	Bequaert	1930
Graham			
(cont.)			
	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
<i>chrysogaster</i>	Small dirty collections of water, artificial containers; low bushes, wooded areas; 364	Aders	1917a.
var. <i>subsimplicipes</i>			
Edwards			
<i>condai</i>	---; ---; 186	Enderlein	1920
Ventrillon			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ERETRAPODITE</i>			
<i>corbeti</i> Hamon	---; forest, May; 320	Hamon	1962
<i>dracaenae</i> Edwards	Leaf axils of <i>Dracaena</i> and <i>Colocasia esculenta</i> ; ---; 89	Hamon et al.	1956b.
	Larvae in <i>Dracaena</i> ; ---; 102	Chabaud & Ovarra	1958
	---; ---; 123, 279, 320. (Leaf axils)	Edwards	1941
	Axils of bananas growing in forest; ---; 226	Hannay	1960
	---; ---; 320°	Corbet et al.	1961
<i>ferox</i> Haddow	Lowland rain forest; ---; 44	Haddow	1956
	Plant axils, leaf pools; bites day and night in lowland forest and plantations; 320	Haddow et al.	1951
	Predaceous; ---; 320	Haddow	1946
	<i>Colocasia</i> axils; ---; 320	Haddow	1948
<i>feroipulatus</i> Edwards	---; ---; 44	Edwards	1936
	Fallen leaves; ---; 123, 175	Edwards	1941
	Little collection of water filled with organic material, in shell of dead <i>Achatina</i> , on ground in humid, dark underwood of forest; ---; 156	Adam & Hamon	1961
<i>gilletti</i> 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
<i>grahami</i> 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
<i>ERETNAPODITES</i>			
<i>grahami</i> Edwards (cont.)	Snail shell in forest; lowland forest and plantations; 320	Haddow et al.	1951
	---; undergrowth of forest; 320*	Haddow	1946
<i>granieri</i> Hamon & van Somerén	Nymph in fallen palm branches in clearing; underwood of forest; 364	Hamon & van Someren	1961a.
<i>haddowi</i> van Someren	---; lowland forest, rare; 320	Haddow et al.	1951
<i>harperi</i> van Someren	---; lowland forest and plantations, rare; 320	Haddow et al.	1951
<i>hightoni</i> van Someren	<i>Dracaena</i> axils in forest; ---; 163	Hopkins	1952
	---; ---; 320	Haddow et al.	1961
<i>inornatus</i> Neustead	---; ---; 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*	Haddow et al.	1951
	<i>Coloasia</i> axils, somewhat predaceous; ---; 320	Haddow	1946
<i>intermedius</i> Edwards	---; ---; 13, 206	Stone et al.	1959
	Fallen leaves, tree holes; ---; 44, 163, 320, 364	Edwards	1941
	In <i>Dracaena</i> and fallen leaves on ground; ---; 102	Chabaud & Ovazza	1958
	---; lowland forest; 320	Haddow et al.	1951
<i>leucopus</i> Graham	---; ---; 44	Schwartz & Edwards	1927
	---; ---; 123, 279	Edwards	1941
	---; Dec.; 156	Doucet	1961 (1962)
	---; ---; 226	Edwards	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ERETHAFODITES</i>			
<i>leucopus</i>	---; Jan., Mar.-Nov.; 156	Doucet & Cachan	1961
<i>leucopus</i>			(1962)
<i>Graham</i>			
<i>leucopus</i>	Leaf axils, forest pools, tree holes; ---; 44	Hopkins	1952
<i>productus</i>	Leaf axils, bamboo sections and tree holes; ---; 163°	Carnham et al.	1946
<i>Edwards</i>	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
<i>mahaffyi</i>	---; lowland forest, rare; 320	Haddow et al.	1951
<i>van Someren</i>			
<i>mattinglyi</i>	Fallen palm branches in forest clearing; ---; 364	Hamon & van Someren	1961
<i>Hamon & van Someren</i>			
<i>melanopus</i>	---; ---; 44	Schwartz & Edwards	1927
<i>Graham</i>			
	---; ---; 123	Edwards	1941
<i>oedipodius</i>	---; ---; 61, 186, 319	Stone et al.	1959
<i>Graham</i>			
	---; ---; 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, <i>Xanthosoma</i> , banana and pineapple leaf axils; ---; 226	Surtees	1959
	Fallen leaves; ---; 279	Lewis	1956c.
	---; all year; 320°	Corbet	1963a.
<i>oedipodius</i>	In underwood of oil palms on leaves containing water; June; 156	Adam & Hamon	1958
<i>douceti</i>			(1959)
<i>Adam & Hamon</i>			
	---; ---; 307. ---; June; 324	Hamon	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ERETMAPODITES</i>			
<i>oedipodius</i> <i>maroillesae</i> 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)
<i>oedipodius</i> <i>oedipodius</i> Graham	---; Nov., Sept.; 44. ---; Oct., Nov.; 123. ---; Mar., Apr., Aug.; 156. ---; Feb., May; 175. ---; Sept.; 279	Hamon	1961
<i>oedipodius</i> <i>parvipluma</i> 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
<i>oedipodius</i> <i>stanleyi</i> Edwards	Fallen leaves; ---; 44	Edwards	1941
<i>oedipodius</i> <i>watsoni</i> Edwards	Fallen leaves, coconut and snail shells; ---; 44	Edwards	1941
	---; May; 44	Hamon	1961
	---; ---; 206	Hamon et al.	1957 (1958)a.
<i>pauliani</i> 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
<i>panioillatus</i> Edwards	---; ---; 61	Ragsau & 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
<i>ERETMAPODITES</i>			
<i>panicillatus</i> Edwards (cont.)	Forest snail shells; bites by day in lowland forest and plantations; 320°	Haddow et al.	1951
	Predaceous; ---; 320	Haddow	1946
<i>plioleucus</i> Edwards	---; ---; 123	Edwards	1941
	---; in dense inland forest; 156	Deucet et al.	1960
	---; ---; 186	Mattingly & Brown	1955
<i>plioleucus</i> <i>brevis</i> Edwards	---; ---; 44	Edwards	1941
<i>quinquevittatus</i> 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 Warth & 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)	Edwardu	1915
	---; lowland forest and plantations, rare; 320	Haddow et al.	1951
	---; ---; 320°	Corbet	1963a.
	Artificial containers; bites at daytime; 321°	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 1 - PRELIMINARY (continued)

SPECIES	BREEDING HABITATS, ADULT ACTIVITY, DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ERETMAPODITES			
<i>semisimplioides</i> Edwards	---; ---; 44, 123, 161, 176, 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 sheaths: ---; 320 (Bites in forest)	Gnucet & Cochran	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
<i>silvestris</i> 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 <i>Dracaena</i> , artificial containers; ---; 322	Muspratt	1955
	Leaf axils; ---; 322	Edwards	1941
<i>silvestris conchobius</i> Edwards	Leaf axils of <i>Synsestria</i> ; 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 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
	Fallen leaves; ---; 163	Edwards	1941
	---; ---; 322	Brooke Worth & Paterson	1961
<i>subimplioides</i> 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	REARING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ERETMAPODITES</i>			
<i>subimplicipes</i> 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)	Loeson	1958
	Artificial containers, fallen leaves; bites at daytime; 322	Muspratt	1955
	Tree holes and coconut shells; ---; 364	Harris	1942
<i>toxius</i> Edwards	---; ---; 182	Stone et al.	1959
	---; ---; 163	Edwards	1941
	---; lowland forest, rare; 320	Haddow et al.	1951
<i>concoloratus</i> Hamon	---; May, forest; 320	Hamon	1962
<i>THELAFOMYIA</i>			
<i>inconspicua</i> Theobald	Clear water in hollow of fallen tree; ---; 123	Macfie & Ingram	1916
	---; ---; 364	Aders	1917a.
<i>FILALBIA</i>			
<i>aurata</i> (Doutet)	---; ---; 186	Stone et al.	1959
<i>bernardi</i> (Doutet)	---; ---; 186	Stone et al.	1959
<i>bezzii</i> (Doutet)	---; ---; 186	Stone et al.	1959
<i>circumscripta</i> (Theobald)	---; steamer; 13	Hattingly & Grjebine	1958
	Marshes; houses; 89	Hamon	1954b.
	---; ---; 279	Edwards	1941
	---; in forest; 320	Corbet	1964a.
	---; ---; 322	Brooke Worth & Pacerson	1961
	Marshes; ---; 324	Hamon	1954a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>FICALBIA</i>			
<i>femorata</i> Edwards	---; active at night; 320	Corbet & Haddow	1961
	---; in forest; 320	Corbet	1964a.
<i>flavopicta</i> Edwards	---; July; 163	Mattingly & Grjebine	1958
	---; in forest; 226	Hannay	1960
	---; bites by day in lowland forest, by night in canopy, rare; 320°	Haddow et al.	1951
<i>grentieri</i> Hamon	Grassy marshes and pools; ---; 324	Hamon	1954 (1955)a.
<i>hispidia</i> (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.	1959
	---; 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	Hannay	1960
	Most frequently in papyrus swamps, in virgin cut, burnt and completely regenerated papyrus areas, high altitude swamps, pools in virgin <i>Miscanthidium</i> 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.
<i>hispidia</i> var. <i>palustris</i> 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
<i>FICALBIA</i>			
<i>hiapida</i>	Permanent water with vegetation; ---; 123	Edwards	1941
var. <i>sunyanien-</i>			
<i>sie</i>	Papyrus swamps, recently cut papyrus areas; ---; 320	Goma	1960
Edwards			
<i>javawotsei</i>	---; ---; 186	Stone et al.	1959
(Doucet)			
<i>lacustris</i>	Swamps; ---; 13	Lewis	1948
Edwards			
	---; ---; 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 & Grjehine	1958
	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	---; ---; 324	Hamon	1954a.
	In coastal swamps with <i>Pistia</i> , reeds, floating grass; ---; 364	Smith	1955
<i>malfeyti</i>	---; ---; 13, 44, 61, 175, 230	Stone et al.	1959
(Newstead)			
	<i>Pistia</i> , 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
<i>PICALURIA</i>			
<i>malfeyti</i> (Newstead)	Among <i>Pistia</i> in ditches; ---; 226	Bocuman & Service	1960
	<i>Pistia</i> , grassy rice fields; ---; 273	Hamon et al.	1956a.
	River swamps, among grass, <i>Azolla</i> , <i>Pistia</i> , highest population occurs in peripheral zones of permanent and semi-permanent swamp pools, water clear to very turbid and foul; ---; 320	Gona	1960
	Periphery of swamps with permanent and semi-permanent pools; ---; 320	Gona	1958
<i>martinsi</i> Doucet	---; ---; 186	Matrignolo & Grjebne	1958
<i>mediolineata</i> (Theobald)	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 71, 123, 226, 230, 279, 320, 322, 364. (Permanent water with vegetation)	Edwards	1941
	---; ---; 14	Gandara	1958
	---; enters houses in evenings; 43	de Maillon	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, <i>Pistia stratiotes</i> ; ---; 123	Macfie & Ingram	1923a.
	Streams, swamps, pools; very rare; 163	van Someren et al.	1955
	---; coastal, highland; 214	Brooke Werth & de Maillon	1960
	Rice fields; ---; 273	Hamon et al.	1956a.
	Most frequently inside papyrus swamps, both in virgin and cut papyrus areas, pools in cut <i>Miscanthidium</i> swamps, in turbid water; ---; 320	Gona	1960
	In littoral swamps in very turbid, shallow water, among elephant grass, <i>Pennisetum</i> , permanent inland swamps; ---; 320	Gona	1961
	Cut papyrus zones in swamps; ---; 320	Gona	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>FICALBIA</i>			
<i>mediolineata</i> (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	Munpratt	1955
	---; ---; 324	Hamon	1954a.
<i>mimomyiaformis</i> (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	Munpratt	1955
	<i>Pistia</i> on edge of river; ---; 61	Rageau & Adam	1953
	Grassy marshes, <i>Pistias</i> ; crab holes; 89	Hamon	1954b.
	<i>Pistia</i> , 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 for- est 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	Bourman & Service	1960
	Rice fields; ---; 273	Hamon et al.	1956a.
	River swamps, in clear water, among <i>Pistia</i> and <i>Cera- tophyllum</i> , pools in <i>Miscanthidium</i> swamps, at margins of swamp, always among vegetation and in clear water; ---; 320	Goma	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>FICALEBIA</i>			
<i>minomyiaformis</i> (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.
<i>minomyiaformis</i>	---; ---; 13	Lewis	1956b.
var. <i>pincerna</i> (Graham)	---; ---; 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.
<i>nigra</i> (Theobald)	---; ---; 44, 226	Edwards	1941
	---; ---; 89	Hamon	1954b.
	---; ---; 115	Galliard	1932a.
	---; Feb.-May; 156	Doucet	1961 (1962)
	---; in forest; 320	Corbet	1964a.
<i>pallida</i> (Edwards)	Permanent water with vegetation; ---; 44, 123, 226, 230	Edwards	1941
	<i>Pistia</i> pool; ---; 61	Rageau & Adam	1953
	<i>Pistia</i> ; ---; 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 <i>Pistia</i> in ditches; ---; 226	Boorman & Service	1960
	---; Dec.; 230	Mattingly & Grjebine	1958

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>FICALBIA</i>			
<i>pallida</i> (Edwards) (cont.)	River swamps, among <i>Pistia</i> , both at the inner swamp edge when water was clean and at land edge where water was extremely deoxygenated; ---; 320	Goma	1960
<i>palustris</i> Theobald	Swamps; ---; 320	Mattingly & Grjebine	1958
<i>parenti</i> de Meillon & Lavoipierre	---; ---; 44	de Meillon & Lavoipierre	1944
<i>perplexens</i> Edwards	---; ---; 44	de Meillon	1943
	Muddy and shaded water, crags of stream banks, graminaceous 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.
<i>pincerna</i> (Graham)	---; July; 226	Mattingly & Grjebine	1958
<i>plumosa</i> (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
	---; ---; 185, 205, 273	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS, ADULT ACTIVITY, DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PICALBIA</i>			
<i>plumosa</i> (Theobald) (cont.)	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; ---; 214, 227, 292. (Borrow pits and pools with vegetation bite at night)	Leeson	1958
	Papyrus swamps, inside as well as peripheral zones, in virgin and recently cut papyrus areas, high alti- tude swamp with high organic matter, <i>Miscanthidium</i> swamps, edges of marshes; ---; 320	Gova	1960
	freshly or recently cut papyrus areas in swamps; ---; 320	Gova	1958
	Littoral swamps, permanent inland swamps; ---; 320	Gova	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
<i>roubaudi</i> (Doucet)	Leaf axils; ---; 186	Mattingly & Grjebine	1958
<i>spinosa</i> (Doucet)	---; ---; 186	Stone et al.	1959
<i>splendens</i> (Theobald)	Swamps with sedge and floating grass; ---; 13	Lewis	1948
	---; ---; 13, 44, 123, 214, 226, 230, 320, 365. (Permanent water with vegetation)	Edwards	1941
	<i>Pistia</i> , 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
	<i>Pistia</i> -covered borrow pits; ---; 226	Hanney	1960
	<i>Pistia</i> , rice fields; ---; 273	Hamon et al.	1956a.
	---; vegetation surrounding small pond in open coun- try; 273	Kartman et al.	1947
	---; ---; 319	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTIONS (GENERAL STATEMENTS)	AUTHOR	DATE
<i>FITALBIA</i>			
<i>splendens</i> (Theobald) (cont.)	Lake-shore swamps, river swamps, invariably among <i>Pistia</i> and <i>Ceratophyllum</i> , in clean water, also in turbid and brackish water, in foul-smelling water, in grass and <i>Pistia</i> zone of river swamps; ---; 320	Goma	1960
	Littoral swamps, ---; 320	Goma	1961
	Common among <i>Pistia</i> and reeds in coastal bays, in grassy pools; ---; 364	Smith	1955
	Water storage tanks and quarries, ---; 364	Harris	1942
<i>uniformis</i> (Theobald)	Swamps; ---; 13	Lewis	1948
	---; ---; 13, 44, 226, 230, 292, 320. (Permanent water with vegetation)	Edwards	1941
	---; ---; 14	Cãndara	1956
	---; ---; 54, 112, 156, 206, 273, 319	Stone et al.	1959
	<i>Pistia</i> on edge of rivers, lakes, - -; 61	Rageau & Adam	1953
	Grassy marshes and <i>Pistias</i> ; 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 <i>Azolla</i> , also in river swamps, among <i>Pistia</i> and <i>Ceratophyllum</i> , pools in <i>Miscanthidium</i> swamps, clear or foul water; ---; 320	Goma	1960
	---; ---; 322	Mattingly & Grjebine	1958
	---; ---; 324	Hamon	1954a.
	Ground pool, water hole with thick grass, in <i>Pistia</i> beds; ---; 364	Smith	1955
<i>uniformis</i> var. <i>malfeyti</i> Newstead	---; ---; 13, 44, 123, 226, 320, 365. (Permanent water with vegetation)	Edwards	1941
	Edge of large swamps with <i>Pistia</i> ; ---; 175	Peters	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY, DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>STOLEYA</i>			
<i>malinorum</i> (van Someren)	---; lowland forest, rare; 320	Haddow et al.	1951
<i>HARPAGOMYIA</i>			
<i>Jarquharsoni</i> (Edwards)	Leaf axils in dense underwoods of oil palm zone; ---; 89	Hamon et al.	1956b.
	---; ---; 126	Edwards	1941
<i>fraseri</i> (Edwards)	---; forest, May; 61	Rageau & Adam	1953
	---; very rare in forest; 320	Haddow et al.	1951
<i>marceli</i> (Mattingly)	---; ---; 44	Mattingly & Lips	1953
<i>moucheti</i> (Hamon & Adam)	---; May, Aug.; 61	Hamon & Adam	1955 (1956)
<i>taeniarostris</i> (Theobald)	---; ---; 13, 44	Edwards	1941
	Artificial containers, pineapple leaf axils, <i>Xanthosoma</i> axils; ---; 123	Surtees	1958
	---; in dense inland forest; 156	Doucet et al.	1960
	Axils of wild banana near edge of forest; ---; 163	Gainham et al.	1946
	Leaf axils of <i>Pandanus</i> ; ---; 175	Peters	1956
	<i>Xanthosoma</i> 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 <i>Bilbergia mutans</i> and arum lily; ---; 322	Muspratt	1955
	Leaf axils; ---; 364	Harris	1942
<i>trichorostris</i> (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
<i>HARPAGOMYIA</i>			
<i>trichopetris</i> (Theobald) (cont.)	In axils of <i>Billeria mutans</i> and drum lily; ---; 322	Ingram & de Meillon	1927
<i>HODGESIA</i>			
<i>cryptopus</i> 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 <i>Miscanthidium</i> and in regener- ated 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 mid- day, in afternoon; 320	Williams	1960
	---; banana plantations, diurnal; 320	Haddow & Saenkrubuge	1962
	---; in forest; 320	Corbet	1964a.
<i>nigerice</i> Edwards	---; ---; 44	de Meillon & Lavoipierre	1944
	Marshes with fresh, stagnant water, filled with vege- tation 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
<i>psectropus</i> Edwards	---; ---; 44	Edwards	1941
	Shaded edges of forest pools, flowings and pools of spring water; ---; 61	Rageau & Adam	1957
	---; ---; 123	Mattingly	1947
<i>sanguinas</i> Theobald	---; ---; 226	Bequaert	1930
	---; ---; 279	Evans	1926

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS: ADULT ACTIVITY: DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>HODGESIA</i>			
<i>sanguinea</i> Theobald (cont.)	Pools in virgin papyrus and virgin <i>Miconthidium</i> swamps and among fern in vegetational zone of swamp, some pools with pH 4.4; ---; 320 ---; lake shore forests; 320	Gons Haddow & Dick	1960 1948
<i>sanguinea</i> Theobald	---; ---; 44, 320 Residual pool of little shade, dry season pool of extensive swamp; ---; 226 ---; houses; 226	Edwards Wigglesworth Delziel	1912 1939 1920
<i>HOWARDINA</i>			
<i>unilineata</i> Theobald	---; ---; 54, 226 ---; ---; 163	Edwards Anderson	1912 1924
<i>INGRAMIA</i>			
<i>circumscissata</i> (Theobald)	---; ---; 13	Edwards	1912
<i>malfeyti</i> (Howstead)	---; ---; 44 Water holes containing clear water with plenty of shade; June-Dec.; 123	Edwards Ingram	1912 1912
<i>nigra</i> (Theobald)	---; ---; 44, 226, 320	Edwards	1912
<i>uniformis</i> (Theobald)	---; ---; 13, 230 ---; ---; 226 ---; ---; 320	Edwards Gimason Heave	1912 1912 1912
<i>LEPTOSOMATOMYIA</i>			
<i>fraseri</i> (Edwards)	---; ---; 279, 320	Edwards	1914
<i>LEUCOMYIA</i>			
<i>quasipectus</i> var. <i>conformis</i> Howstead	---; ---; 163	Anderson	1913
<i>MEZIA</i>			
<i>ligripes</i> Graspré & de Charvot	Ditches, various containers; Apr.-May; 44 ---; very rare; 44. Very predaceous, in dry season; in houses; 115 ---; ---; 117, 163, 214, 227, 230, 279, 292, 320. (Barrels, water troughs, dipping tanks, pools, ponds, streams)	Schwartz Gelliard Bedford	1927 1931b. 1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS: ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>LUTZIA</i>			
<i>tigripes</i>	---; ---; 123	Macfie & Ingram	1916a.
Grandpré & de Charney (cont.)	---; ---, 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 quiet dirty water, stagnant water, permanent as well as temporary; ---; 322	Nieschulz et al.	1934
	Water from coconut palms; ---; 364	Edwards	1923a.
<i>tigripes</i> var. <i>fusca</i> Theobald	---; ---; 44	Schwartz & Edwards	1927
	Rotting wood, pools with <i>Pistia</i> ; ---; 123	Macfie & Ingram	1923
	Swamps, hospital drain area; ---; 279	Evans	1925
<i>MALAYA</i>			
<i>farquharsoni</i> (Edwards)	---; ---; 89, 226	Stone et al.	1959
<i>fraseri</i> (Edwards)	---; ---; 320	Stone et al.	1959
<i>marceli</i> (Mattingly)	---; ---; 44	Stone et al.	1959
<i>moucheti</i> (Hamon & Adam)	---; ---; 61	Stone et al.	1959
<i>taeniarostris</i> (Theobald)	---; ---; 33, 44, 175, 226, 320, 322, 364	Stone et al.	1959
<i>trichorostris</i> (Theobald)	---; ---; 61, 89, 123, 279	Stone et al.	1959
	---; ---; 320	Williams	1963
<i>MANSCHIA</i>			
<i>africana</i> (Theobald)	---; ---; 13, 43, 44, 102, 117, 186, 227, 230, 279. (Vicious biter, vector of yellow fever)	Kuten	1931
	---; ---; 14	Brooke Worth & Paterson	1961

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS: ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i> <i>afriana</i> (Theobald) (cont.)	---; ---; 43, 214, 227, 230. (Swamps attached to <i>Pistia</i> roots, bites man day, evening and night, indoors and outdoors, naturally infected with <i>Wuchereria</i> and experimental vector of yellow fever)	Leeson	1958
	Pools, swamps with <i>Pistia</i> ; ---; 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 <i>Pistia stratiotes</i> , <i>Impatiens irvingi</i> , <i>Hydrolea glabra</i> ; 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, <i>Pistia stratiotes</i> ; Dec.-Jan., late evening hours to early morning, edges of villages near forest, bites man; 226°	Boorman	1960
	Among <i>Pistia</i> in ditches; ---; 226	Boorman & Service	1960
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 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
<i>MANSONIA</i>			
<i>africana</i> (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, <i>Pistia stratiotes</i>)	Edwards	1915
	---; ---; 322. (Naturally infected with Bunyamwera Sindbis virus)	Brooke Worth et al.	1961
	---; ---; 364	Gillies	1963
<i>africana</i> var. <i>nigerrima</i> Theobald	---; in houses all year, peak Oct.-Nov.; 163	Haddow	1942a.
	---; ---; 273, 320, 364	Stone et al.	1959
<i>annettii</i> (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
<i>aurea</i> (Edwards)	---; ---; 13, 44, 226, 364	Stone et al.	1959
	---; highland; 214	Brooke Worth & de Meillon	1960
	---; ---; 292, 322. (Forest pools, bites man out- doors at night and early morning)	Leeson	1958
	---; bites by day in lowland forest, rarely by night in canopy; 320°	Haddow et al.	1951
<i>aurites</i> (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 <i>Pistia</i> in ditches; ---; 226	Boorman & Service	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MARSONIA</i>			
<i>aurites</i> (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
<i>chrysosoma</i> (Edwards)	---; ---; 13, 163, 230, 322	Stone et al.	1959
	---; coastal, inland lowland; 214	Brooke Worth & de Meillon	1960
<i>cristata</i> (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
<i>flavocincta</i> (Edwards)	---; ---; 44, 227, 292, 364	Stone et al.	1959
<i>fraseri</i> (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
<i>MANSONIA</i>			
<i>fraseri</i> (Theobald) (cont.)	---; active at night, rest outside forest during day; 320	Corbet & Haddow	1961
	---; all year; 320°. (Grass swamps)	Corbet	1963a.
<i>fuscopennata</i> (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, planta- tions, 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 <i>Dipetalonema perstans</i> in this species)	Neveu- Lemaire	1933
	---; lake shore; 364	Harris	1942
<i>grandisieri</i> (Blanchard)	---; ---; 186	Stone et al.	1959
<i>karandalaensis</i> (Wolfs)	---; ---; 361	Stone et al.	1959
<i>maculipennis</i> (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 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY, DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i>			
<i>metallica</i> (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
<i>microannulata</i> (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
<i>microannulata</i> var. <i>auripennis</i> Edwards	---; coastal; 214	Brooke Worth & de Meillon	1960
<i>nigritarsis</i> (Wolfs)	---; ---; 44	Stone et al.	1959
<i>nigrithorax</i> (Theobald)	---; ---; 14, 44	Stone et al.	1959
<i>pseudoconopas</i> (Theobald)	---; ---; 13, 61, 206, 319	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT M (GENERAL STAGE)	Y; DISTRIBUTION ()	AUTHOR	DATE
<i>MANSONIA</i>				
<i>pseudoonopas</i> (Theobald) (cont.)	Swamps; ---; 44, 320		Hopkins	1952
	---; ---; 156		Stone	1963
	---; lowland forest, plantations and canopy, bites day and night; 320°		Haddow et al.	1951
	---; swarms at night above forest canopy; 320		Corbet & Haddow	1962
	---; all year; 320		Corbet	1963a.
<i>rochei</i> (Doucet)	---; ---; 186		Stone et al.	1959
<i>schoutedeni</i> (Wolfs)	---; ---; 44, 361		Stone et al.	1959
<i>uniformis</i> (Theobald)	(Complete development of <i>Wuchereria bancrofti</i> 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 <i>Pistia stratiotes</i> , mangrove swamps, swamps, lagoon; ---; 123		Simpson	1914
	---; abundant in narrow zone near coast, forest belt, rare species in inland and semi-arid areas; 123.		Kerr	1932
	---; 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 <i>Taeniothyrus africanus</i> which is lab vector)			
	---; 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, <i>Pistia</i> and <i>Ceratophyllum</i> , 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
<i>MANSONIA</i>			
<i>uniformis</i> (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
<i>vanoyei</i> (Wolfs)	---; ---; 44, 361	Stone et al.	1959
<i>versicolor</i> (Edwards)	---; ---; 44, 61, 102, 163	Stone et al.	1959
	Shallow swamps containing aquatic vegetation, papy- rus and mixed grass-papyrus swamps; somewhat rare; 320	Goma	1960
	---; in forest; 320	Corbet	1964a.
<i>wahlbergi</i> (Edwards)	---; coastal; 214	Brooke Worth & de Meillon	1960
	---; ---; 322	Brooke Worth & Paterson	1961
<i>MANSONIODES</i>			
<i>africanus</i> (Theobald)	---; ---; 13, 43, 227, 230, 279, 320. ---; in rivers and swamps; 54	Edwards	1913
	---; forests, ponds with papyrus; 44	Schwartz	1933
	Ponds with <i>Pistia</i> ; ---; 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 <i>Dipetalonema perstans</i> ; 320	Bequaert	1930
<i>africanus</i> var. <i>nigerrimus</i> Theobald	---; ---; 320	Edwards	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIODES</i>			
<i>mediolineata</i> Theobald	---; ---; 230	Neave	1912
<i>uniformis</i> (Theobald)	---; ---; 13, 14, 43, 214, 230, 320	Edwards	1913
	Papyrus swamps; in houses; 44	Schwartz	1927
	---; very common; 44	Bequaert	1913
	---; ---; 54, 364	Neave	1912
	In borrow pits containing fairly clear water, over- grown with <i>Pistia stratiotes</i> , June-Dec.; ---; 123	Ingram	1912
	---; arid, sandy soil, old sea bed, thick and transi- tional forest; 123. ---; low-lying swampy area sur- rounded by lagoon; 226	Macfie & Ingram	1916a.
	---; ---; 163	Anderson	1924
	---; houses; 226	Dalziel	1920
	---; in houses; 279°	Simpson	1913
	---; ---; 322	Brooke Worth & Paterson	1961
<i>MEGARHINUS</i>			
<i>aeneus</i> (Evans)	---; ---; 279	Edwards	1941
<i>aeneus</i> var. <i>varidibasis</i> Edwards	---; ---; 320	Edwards	1935
<i>barbipes</i> Edwards	Tree holes, artificial containers, pools in granite boulders, fallen trees; ---; 163	Garnham et al.	1946
	---; ---; 320	Edwards	1941
<i>brevipalpis</i> Theobald	---; ---; 44	Schwartz & 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
<i>MEGARHINUS</i>			
<i>brevipalpis</i> 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 <i>Strelitzia nicolai</i> , small rot holes in trees and large holes in <i>Strelitzia</i> 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.
<i>brevipalpis</i> <i>conradi</i> 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
<i>erythrusus</i> (Edwards)	---; ---; 226	Edwards	1941
<i>evansae</i> (Edwards)	---; ---; 279	Edwards	1941
<i>lutescens</i> (Theobald)	---; ---; 230, 292, 364	Edwards	1941
<i>phytophagus</i> Theobald	---; ---; 123, 279	Edwards	1941
<i>maenzoni</i> (van Someren)	Bored bamboos, mountain forest; ---; 320	Haddow et al.	1951
<i>septentrionalis</i> Dyar & Knab	---; ---; 8	Séguy	1924
<i>viridibasis</i> Edwards	---; ---; 13	Lewis	1945
	---; ---; 226, 320	Edwards	1941
<i>MICRAEDES</i>			
<i>inconspicuus</i> 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
<i>MIMOMYIA</i>			
<i>hispida</i> 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
<i>MINOMYIA</i>			
<i>hispid</i>	In borrow pit; ---; 123	Ingram	1912
Theobald (cont.)	---; thick and transitional forest, open orchard bush; 123	Macfie & Ingram	1916a.
	Hospital drain area; ---; 279	Evans	1925
	---; ---; 322	Nieschulz et al.	1934
<i>minomyiafor-</i> <i>mis</i>	---; very frequently found; 44, 115, 123, 226	Galliard	1931b.
Newstead	Calabashes and artificial containers; ---; 123	Ingram	1919
	Pools with <i>Pistia</i> ; ---; 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.
<i>plumosa</i>	---; ---; 13, 56, 61, 89, 163, 186, 206, 214, 227, 273, 292, 324, 364	Stone et al.	1959
Theobald	---; ---; 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.
<i>splendens</i>	---; ---; 13, 320	Edwards	1912
Theobald	Lake shore with <i>Pistia</i> and grasses; ---; 44	Schwetz	1927
	---; ---; 89, 163, 214, 226, 230, 273, 319	Stone et al.	1959
	Borrow pits covered with <i>Pistia</i> ; ---; 123	Ingram	1912
	Ponds with <i>Pistia</i> ; ---; 123	Zetek	1920
	---; open orchard bush, arid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
<i>MUCIDUS</i>			
<i>africanus</i>	---; ---; 44	Schwetz & Edwards	1927
Theobald			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MYCIDUS</i>			
<i>maculatus</i> Karsch	---; in savannah forests and in humid shades; 44	Bequaert	1913
	Larvae predaceous; ---; 115	Galliard	1931b
	---; arid sandy soil, old sea bed, thick and transi- tional forest; 123	Macfie & Ingram	1916a.
	---; ---; 226	Simpson	1912
	---; ---; 210	Neave	1912
	---; ---; 279	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
	Old cement tank containing water rich in decaying vegetation; in houses; 304	Aders	1917a.
<i>scatophagoides</i> Theobald	---; ---; 13, 123, 320. (After heavy rains in mud pools and marshy ground). ---; Jan. and Feb., June; 322	Bedford	1928
	---; ---; 44	Schwartz & 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
<i>MYZOMYIA</i>			
<i>costalis</i> 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
<i>funesta</i> 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
<i>marshalli</i> Theobald	---; ---; 226	Simpson	1912
<i>nili</i> Theobald	---; ---; 226	Simpson	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MYZOMYIA</i>			
<i>pitchfordi</i> Power	---; ---; 226	Simpson	1912
<i>MYZORHYNCHUS</i>			
<i>barbicostris</i> van der Wulp	---; ---; 186	Enderlein	1920
<i>causator</i> Laveran	---; ---; 186	Enderlein	1920
<i>mauritanicus</i> Grandpré & Charaoy	In water holes shaded by overhanging grass or with water weed growing on surface, at edges of swamp; June-Dec.; 123	Ingram	1912
	---; ---; 166	Enderlein	1920
	---; ---; 226	Simpson	1912
<i>paludis</i> 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
<i>umbrosus</i> Theobald	---; ---; 226	Simpson	1912
<i>NEOCULEX</i>			
<i>horridus</i> var. <i>rageauxi</i> (Hamon & Ricken- bach)	---; Apr.; 61	Hamon & Rickenbach	1955 (1956)
<i>insignis</i> (Carter)	---; ---; 61. ---; crab holes; 89. ---; thickets near shaded ravines; 324	Hamon & Rickenbach	1955 (1956)
<i>laplantei</i> (Hamon, Adam & Mouchet)	---; Mar., underwood; 61	Hamon et al.	1955 (1956)
<i>swynaniensis</i> Edwards	Crab holes, under rocks; thickets near stream; 324	Hamon & Rickenbach	1955 (1956)
<i>wigglesworthi</i> Edwards	---; tree holes; 324	Hamon & Rickenbach	1955 (1956)
<i>NYSSORHYNCHUS</i>			
<i>pharosensis</i> Theobald	---; ---; 117	Findlay & Davey	1936
	---; ---; 226	Simpson	1912

TABLE 1 - MOSQUITOES (continued)

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

TABLE 1 - MOSQUITOES (continued)

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

TABLE 1 -- MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>OCHLEROTATUS</i>			
<i>fulgens</i> Edwards	Hole in mango tree; ---; 364	Aders	1917a.
<i>furcifer</i> Edwards	---; ---; 123	Edwards	1913
<i>geniculatus</i> (Oliver)	---; ---; 8. (Apr. and all summer, especially in woods, attacks man on hot days, tree holes with water)	Séguy	1920
<i>hirsutus</i> (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
<i>irritans</i> (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.
<i>jugorum</i> (Villeneuve)	---; ---; 211	Séguy	1925
<i>leucarthritis</i> (Speiser)	---; ---; 364	Neave	1912
<i>longipalpis</i> (Grünberg)	---; ---; 61, 226, 307	Edwards	1912
	Holes in mango trees; ---; 364	Aders	1917a.
<i>longisquamosus</i> (Theobald)	Oasis; ---; 96	Gough	1914
<i>maculiventris</i> (Macquart)	---; ---; 8. (In holes of water at foot of palm trees)	Séguy	1920
<i>mariae</i> (Sergent & Sergent)	---; ---; 8. (In salty water)	Séguy	1920
<i>marshalli</i> (Theobald)	---; ---; 226	Simpson	1912
	---; ---; 230	Neave	1912

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>OCHLEROTATUS</i>			
<i>marshalli</i> (Theobald) (cont.)	---; ---; 292	Edwards	1912
<i>minutus</i> (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
<i>nigeriensis</i> (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.
<i>nigricephalus</i> (Theobald)	Arid, sandy soil, old sea bed; ---; 123. Low-lying, swampy, surrounded by a lagoon; ---; 226	Macfie & Ingram	1916a.
	Crab holes, boats, canoes; houses; 226	Dalziel	1920
	---; ---; 279	Anonymous	1915
<i>ochraceus</i> (Theobald)	---; ---; 54	Edwards	1912
	---; ---; 163	Anderson	1919
	Crab holes; ---; 226	Connal & Coghill	1916
	---; houses; 226	Dalziel	1920
<i>ornatus</i> (Meigen)	---; ---; 8, 111	Edwards	1912
<i>pembuensis</i> Theobald	Crab holes, depressions close to high-water-mark, littoral seashore; indoors, bites man; 364°	Aders	1917a.
<i>punctatus</i> (Meigen)	---; ---; 8, 96. (In clear-water streams, stagnant, brackish or briny pools)	Séguy	1920
	---; ---; 316	Séguy	1929
<i>punctor</i> (Kirby)	---; ---; 8. (In forest)	Séguy	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>OCHLEROTATUS</i>			
<i>punctothoracis</i> (Theobald)	---; ---; 14, 123, 292	Edwards	1912
	Borrow pits; crab holes, houses; 226	Dalziel	1920
<i>quadrivittatus</i> (Theobald)	---; ---; 54, 320	Edwards	1912
	---; ---; 163	Anderson	1919
	---; ---; 230	Neave	1912
	---; ---; 292	Edwards	1913
	---; June; 322	Edwards	1915
<i>simulans</i> (Newstead & Carter)	---; ---; 123	Simpson	1914
	Tree hollows; ---; 279	Anonymous	1915
<i>sudanensis</i> Theobald	---; ---; 13	Edwards	1912
	Sides of stream in small opaque crab holes holding much suspended matter; ---; 123	Macfie & Ingram	1916
<i>wellmani</i> (Theobald)	---; ---; 14, 54, 279	Edwards	1912
<i>ORTHOFOMYIA</i>			
<i>arboricellae</i> de Charmoy	Tree holes; ---; 186	Edwards	1941
	---; ---; 201	Schwartz & Edwards	1927
82			
81	---; ---; 122	Mattingsly & Brown	1955
<i>geberti</i> Grjebine	Tree holes in forests; ---; 186	Grjebine	1954
<i>milloti</i> Doucet	---; ---; 186	Stone et al.	1959
<i>pulchripalpis</i> (Rondani)	Tree holes; ---; 8	Senezet et al.	1954
	---; ---; 316	Stone et al.	1959
<i>vermoni</i> van Someren	Tree holes; ---; 186	van Someren	1949
<i>PYRETOPHORUS</i>			
<i>costalis</i> (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
<i>PYRETOPHORUS</i>			
<i>marshallii</i> (Theobald)	---; ---; 186	Enderlein	1920
<i>myzomyiaefacie</i> Theobald	---; in desert, on coast; 8	Sergeant & Sergeant	1918a.
<i>RAVENALITES</i>			
<i>douceti</i> Grjebine	---; ---; 186	Senevet & Andarelli	1959
<i>jeansottei</i> (Doucet)	---; ---; 186	Senevet & Andarelli	1959
<i>REEDOMYIA</i>			
<i>sudanensis</i> Theobald	Pools shaded by trees; bushes, undergrowth, heavy timbered ravines; 13	Theobald	1913
<i>SABETHES</i>			
<i>chloropterus</i> (Humboldt)	---; ---; 44	Corbet	1963
<i>SKUSEA</i>			
<i>pembaensis</i> Theobald	---; ---; 54, 364. ---; on seashore, attacks man readily, peak of activity at sunrise and sunset; 163*	Newse	1912
<i>STEGOMYIA</i>			
<i>africana</i> 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
<i>albomarginata</i> Newstead	---; ---; 44	Edwards	1912
<i>apicoargentea</i> 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
<i>argenteoventra- lis</i> (Theobald)	---; ---; 123	Edwards	1912
<i>calopus</i> (Meigen)	---; ---, 131	Joyeux	1915
	---; naturally infected with spirochetes, probably <i>Leptospira tataroides</i> ; 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
<i>STEGOMYIA</i>			
<i>cartroni</i> Ventrillon	---; ---; 186	Enderlein	1920
<i>fasciata</i> (Fabricius)	---; ---; 8, 63, 96, 316. (Larvae on aquatic plants in water, all year)	Séguy	1930
	---; in and around houses chiefly towards evening; 44	Schwartz	1915
	---; ---; 54, 227, 230, 320, 364	Neave	1912
	---; in houses; 63°	Germer & 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	Bodhain	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 <i>Wuchereria bancrofti</i> ; 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
<i>STEGOMYIA</i>			
<i>fasciata</i> (Fabricius) (cont.)	Artificial containers, prefer clear water, holes in mango trees; bites man, naturally infected with <i>Wuchereria bancrofti</i> ; 364*	Aders	1917a.
<i>fasciata</i> var. <i>atritarsis</i> Edwards	---; ---; 123	Edwards	1920
<i>fasciata</i> race <i>africano-americaine</i>	---; suspected vector of dengue fever; 324*	Legendre	1927
<i>fasciata</i> race <i>oceanico-indienne</i>	---; ---; 186*	Legendre	1927
<i>frassini</i> Edwards	---; ---; 320	Edwards	1912
<i>funesta</i> F.	---; ---; 364	Aders	1913
<i>lambergi</i> Ventrillon	---; ---; 186	Enderlein	1920
<i>luteocephalus</i> 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
<i>maculoabdominalis</i> Theobald	---; rocky, shady stream; 13	Theobald	1913
<i>marshallii</i> Theobald	Stagnant and running water; ---; 206	Sicé & Vauzel	1928
<i>metallica</i> Edwards	---; ---; 13	Edwards	1912
	Rot holes in trees; arid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
	Holes in <i>Terminalia catappa</i> and mango trees; ---; 364	Aders	1917a.

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>STEGOMYIA</i>			
<i>poweri</i> Theobald	---; ---; 43, 44, 54, 227, 322	Edwards	1912
	---; ---; 163	Anderson	1919
<i>pseudonigeria</i> Theobald	---; ---; 14	Edwards	1912
<i>scutellaris</i> (Walker)	In pools formed at base of coco-trees; near coast; 186	Legendre	1918
<i>simpsoni</i> 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.
<i>sugens</i> 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
<i>terrens</i> Theobald	Stagnant and running water; ---; 206	Sicé & Vaucel	1928
<i>unilineatus</i> Theobald	---; ---; 54	Neave	1912
	Rot holes in trees; ---; 123	Ingram & Macfie	1917
	---; acid, sandy soil, old sea bed; 123	Macfie & Ingram	1916a.
<i>vittata</i> Edwards	Artificial containers, rock pools; ---; 123	Ingram	1919
	Large dirty pool in poultry run; ---; 364	Aders	1917a.

TABLE 1 - MOSQUITOS (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAEINORHYNCHUS</i> <i>africanus</i> Theobald	Grassy swamps; bites man readily near swamps in evening, in unscreened houses by day, outside screens in evening, in steamers and barges; 134°	Lewis	1941
	Pools covered with <i>Pistia stratiotes</i> ; ---; 13°	Lewis	1943
	---; ---; 13. 43, 61, 102, 115, 117, 113, 214, 227, 230, 279. (Permanent waters with much vegetation)	Edwards	1941
	---; ---; 14	Gandara	1958
	---; ---; 42. Pools and swamps in which the plant <i>Pistia stratiotes</i> 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, <i>Lemna</i> ; ---; 226. (Vector of <i>Wuchereria bancrofti</i>)	Bequaert	1930
	---; naturally infected with bancroftial filaria; 44	Smith	1955
	---; ---; 56. Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
	<i>Pistia</i> pools; houses at night, very aggressive, suspected vector of bancroftial filaria; ---; 61°	Rageau & Adam	1953
	<i>Pistia</i> ; 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
<i>TAENIORHYNCHUS</i>			
<i>africanus</i>	---; rarely bites; 163°	Teesdale	1959
Theobald (cont.)	In edge of swamps and in ponds with <i>Pistia</i> ; in houses, vicious day biter; 175°	Peters	1956
	Tree holes; ---; 186	Grjebine	1954
	Creeks choked with <i>Pistia</i> ; ---; 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-June; 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 <i>Pistia</i> 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 <i>Wuchereria bancrofti</i> ; 364*	Manson-Bahr	1959
	---; in houses; 364	Gillies	1954

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAENIORHYNCHUS</i>			
<i>afrocanus</i>	---; lowland forest occasionally, bites by day; 320°	Haddow et al.	1951
var. <i>nigerripinus</i>			
Theobald	---; ---; 364	Edwards	1941
<i>annetti</i>	---; marshy region near river; 44	Vincke	1959
Theobald	---; 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
<i>annetti</i>	---; ---; 44	Schwartz & Edwards	1927
var. <i>pseudocoonops</i>			
Theobald			
<i>atroapicalis</i>	Shallow grassy swamp in thick forest; ---; 320	Gillett	1946
Gillett			
<i>aureus</i>	---; ---; 13	Lewis	1956b.
Edwards	---; ---; 44	Schwartz & 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
<i>aureipennis</i>	---; ---; 13, 320	Edwards	1915a.
Edwards	---; ---; 44	Schwartz & Edwards	1927
<i>aurites</i>	On board ships in rivers; ---; 44. (Apparently restricted to rain forest)	Bequaert	1930
Theobald	---; marshy region near river; 44	Vincke	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAENIORHYNCHUS</i>			
<i>aurites</i>	---; oil palm, underwood; 89	Hamon et al.	1956b.
Theobald (cont.)	Water with aquatic vegetation, such as <i>Pistia stratiotes</i> , <i>Impatiens irvingii</i> , and <i>Hydrolea glabra</i> ; ---; 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
<i>chrysosoma</i>	---; ---; 13	Lewis	1956b.
Edwards	---; bites outdoors, very rare; 163°	van Someren et al.	1955
	---; in huts; 163	Garnham & Harper	1944
	---; ---; 214	Pereira	1946
	---; ---; 230	Edwards	1941
<i>chubbi</i>	---; outside railway coaches; 322	Ingram & de Meillon	1927
Edwards	---; Sept.-Oct.; 322	Edwards	1915
<i>cristatus</i>	Permanent waters with much vegetation; ---; 13, 14, 44, 230, 279, 292, 320	Edwards	1941
Theobald	---; 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
<i>TAENIORHYNCHUS</i>			
<i>aristatus</i> Theobald (cont.)	---; in houses, Nov.; 226	Mattingly	1947
	---; ---; 227	Robinson	1948
	Seepage, swamp; ---; 320	Hopkins	1952
<i>flavocinctus</i> 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
<i>flavus</i> Ventrillon	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schwetz & Edwards	1927
<i>fraseri</i> Theobald	---; ---; 13	Lewis	1956b.
	---; ---; 44	Gillett	1949
	---; lowlands only; 320	Haddow et al.	1951
<i>fuscopennatus</i> Theobald	---; ---; 14. (Semi-permanent and permanent collec- tions 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 <i>Dipetalonema parstans</i> ; 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
<i>TAENIORHYNCHUS</i>			
<i>grandidieri</i> Blanchard	---; ---; 186	Edwards	1941
<i>karandalaensis</i> Wolfs	In marsh; ---; 44	Wolfs	1951
<i>maculipennis</i> 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
<i>mediolineata</i> (Theobald)	---; ---; 13, 44, 123, 230	Bedford	1928
	---; ---; 322	Nieschulz et al.	1934
<i>metallicus</i> 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.; 51	Rageau & Adam	1953
	Grassy marsh; ---; 89	Hamon et al.	195ub.
	---; palm and coco-tree zones; 89	Hamon	1954b.
	---; July; 102	Ovarza et al.	1956

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAEINORHYNCHUS</i> <i>metallicus</i> Theobald (cont.)	---; very rare, along coast; 163	van Someren et al.	1955
	---; ---; 175	Peters	1956
	---; low-lying, swampy areas, surrounded by a lagoon; 226	Macfie & Ingram	1916a.
	---; houses; 226	Dalziel	1920
	---; in huts, May-June; 273	Kariman 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	Hawon	1954a.
	---; Mar., Nov.; 364	Smith	1955
<i>microannulatus</i> 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
<i>microannulatus</i> var. <i>auripennis</i> Edwards	---; ---; 13, 320, 364	Edwards	1941
	---; marshy region near river; 44	Vincke	1959
	---; in dense inland forest; 156	Doucet et al.	1960
<i>nigrit thorax</i> Theobald	---; ---; 14	Gindara	1958
	River; in houses; 44	Schwarz	1927
	---; marshy region near river; 44	Vincke	1959
<i>pseudoonopos</i> Theobald	---; ---; 13	Lewis	1956b.
	---; ---; 44, 320	Edwards	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAENIORHYNCHUS</i>			
<i>pseudoonopas</i> Theobald (cont.)	---; Mar., Apr., Dec.; 61	Rogean & Adams	1953
	---; in dense coastal forest; 156	Doucet et al.	1960
	Roots of <i>Thaumatococcus</i> in 2 cm. of water in dense forest; forest; 320	Gilliet	1946
	---; lowland forest canopy and plantation, bites by day; 320°	Hedgew et al.	1951
<i>schoutedeni</i> Wolfe	Papyrus swamp; ---; 44	Hopkins	1952
<i>uniformis</i> 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 <i>Wuchereria bancrofti</i>)	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	Rogean & Adams	1953
	---; houses; 61	Rogean et al.	1953
	Grassy marshes on river edge; ---; 89	Hamon et al.	1956b.
	---; houses, underworld, 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 man, attacks man fiercely during dry season; 115°	Galliard	1931b.
	On <i>Pistia</i> in fresh water marsh; bites outdoors and indoors, July-Sept., Nov.; 117°	Bartram 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
<i>TAENIORHYNCHUS</i>			
<i>uniformis</i>	---; all year, bites after sunset, in houses all day; 163°	van Someren et al.	1958
Thobald	---; bites rarely; 163°	Teesdale	1959
(cont.)	---; in houses, vicious day biter; 175°	Peters	1956
	Marshes with <i>Pistia stratiotes</i> , littoral lagoons, ponds, parts of streams with <i>Pistia stratiotes</i> and <i>nymphaea</i> ; houses at night, naturally infected with filaria; 186°. ---; naturally infected with non-infective filariae; 364	Griebine & Brygoo	1958
	---; experimental transmission of yellow fever; 226	Bruce-Chivatt	1950
	---; very aggressive at sunset, bites at 10 a.m. in underwood, houses; 273	Ramon 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	Ramon	1954a.
	In <i>Pistia</i> 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
<i>versicolor</i>	---; ---; 44	Mattingly & Lips	1953
Edwards	---; Apr.; 61	Rageau & Adam	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAENIORHYNCHUS</i>			
<i>versicolor</i> 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
<i>wahlbergi</i> Edwards	Pools, streams, swamps, dams, troughs, crab holes; rare; 322	Muspratt	1955
<i>THEOBALDIA</i>			
<i>annulata</i> (Schränk)	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
<i>atlantica</i> Edwards	---; ---; 36	Galliard	1933
<i>fraseri</i> 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
<i>funipennis</i> Stephens	Lakes; along roads; 8	Senevet	1936
	---; ---; 8. (Grassy pools covered with <i>Lemna</i> , swamps, bites all day, in houses)	Séguy	1924
	---; ---; 211	Senevet et al.	1954
	---; ---, 316	Séguy	1932
<i>litorea</i> (Shute)	in lakes; ---; 8. (Collection of water rich in vege- tation, in earth depressions)	Doby et al.	1960

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>THEOBALDIA</i>			
<i>moreletiana</i> Theobald	In marshes; ---; 8	Séguy	1932
	---; ---; 8. (Very aggressive at end of Apr.)	Séguy	1924
	---; rare; 211	Charrier	1924a.
<i>spathipalpis</i> Rondani	---; ---; 13, 36, 63, 187. In gardens, artificial containers full of vegetable debris and stagnant water; ---; 316	Langeron	1918
	---; winter; 96	Gough	1914
<i>subochrea</i> Edwards	---; Jan.-July, Sept.-Oct.; 8	Senevet & Andarelli	1960
<i>TOXORHYNCHITES</i>			
<i>asneus</i> (Evans)	---; ---; 44, 279	Stone et al.	1959
	---; ---; 156	Doucet	1961 '1962)
<i>barbipes</i> Edwards	---; ---; 163, 175, 320	Stone et al.	1959
	Tree holes and artificial containers; ---; 175	Peters	1956
<i>brevipalpis</i> Theobald	Tree holes, rarely in bamboo pots; ---; 44	Laarman	1958
	Rivers, <i>Pandanus</i> 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 <i>Strelitzias nicotai</i> , tree holes, artificial containers; ---; 216. ---; ---; 64	Muspratt	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TOXORHYNCHITES</i>			
<i>brevipalpis</i> 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	1964a.
	Rot holes in tree; ---; 322	Ingram & de Meillon	1927
	---; Feb., Apr.; 322	Edwards	1915
	Ubiquitous, holes in mango tree; ---; 364	Aders	1917a.
<i>brevipalpis</i> <i>conradti</i> 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 container: ---; 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.
<i>erythrurus</i> (Edwards)	---; ---; 156	Doucet	1961 (1962)
	---; ---; 226	Boorman	1961
<i>evansae</i> (Edwards)	---; houses, June, Dec.; 61	Rageau & Adam	1953
	---; ---; 279	Stone et al.	1959
<i>kaimosi</i> (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
<i>TOXORHYNCHITES</i>			
<i>lutescens</i> 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
<i>nairobiensis</i> (van Someren)	---; ---; 163	Stone et al.	1959
<i>pauliani</i> (Doucet)	---; ---; 186	Stone et al.	1959
<i>phytophagus</i> 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)
<i>rauwensi</i> (van Someren)	---; ---; 320	Stone et al.	1959
<i>schantzei</i> Enderlein	---; ---; 206	Enderlein	1931
<i>viridibasis</i> (Edwards)	Artificial containers; ---; 13	Lewis	1956b.
	---; ---; 44	Stone et al.	1959
	---; in dense coastal forest; 156	Doucet et al.	1960
	Tree holes; ---; 226	Hannay	1960
	---; ---; 324	Hamon	1954a.
<i>URANOAEANIA</i>			
<i>alba</i> 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
<i>URANOTAENIA</i>			
<i>albocarinata</i>	Permanent water with vegetation; ---; 13, 44, 123, 320	Edwards	1941
<i>Theobald</i>	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 Scherren et al.	1955
	---; bites rarely; 163°	Teesdale	1959
	---; ---; 175, 206	Stone et al.	1959
	---; coastal, inland lowland, highland; 214	Brooke Worth & de Meillon	1960
	Ground pools in forest; commonly in crab holes; 226	Hannay	1960
	Pools in virgin <i>Nisocanthidium</i> , virgin papyrus, slashed <i>Phoenix</i> swamps; ---; 320	Goma	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
<i>albocarinata</i> (Theobald)	---; ---; 320°	Haddow & Ssenkubuge	1962
<i>andavakae</i> Doucet	Shaded swamps, mud puddles with seepages and foliage debris; ---; 186	Grjebine	1954
<i>andreas</i> Doucet	Bamboo; ---; 156	Doucet & Cachan	1961 (1962)
<i>annulata</i> 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
<i>URANOTAENIA</i>			
<i>annulata</i>	---; in houses, July; 117	Bertram et al.	1958
Theobald (cont.)	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
<i>annulata</i>	Crab holes; ---; 89	Hamon et al.	1956b.
<i>annulata</i>	Crab holes; ---; 123	Macfie & Ingram	1916
<i>annulata</i>	Artificial container; ---; 13	Lewis	1956b.
var. <i>apicostas-</i>	---; ---; 106, 123, 175	Stone et al.	1959
<i>niata</i>	---; Feb.; 156	Doucet	1961 (1962)
Theobald	---; ---; 365	Edwards	1941
<i>balfouri</i>	---; ---; 13, 44, 123, 175, 214, 279, 320, 364. (Permanent water with vegetation)	Edwards	1941
Theobald	---; ---; 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 <i>Pistia</i> 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, marshes, grassy marigots, <i>Pistia</i> ; ---; 89. ---; ---; 307	Hamon et al.	1956b.
	---; river banks; 102	Revan	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
<i>URANOTAENIA</i> <i>balfouri</i> Theobald (cont.)	Water holes containing water with yellowish tinge, often with iridescent surface film; ---; 123	Ingram	1912
	Pools with <i>Pistia stratiotes</i> ; ---; 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 Soweren et al.	1955
	Shallow ground pools with little or no vegetation and with or without shade; ---; 175	Peters	1936
	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 al.	1956a.
	Lake shore, river and inland valley swamps, most particularly papyrus swamps, most frequently inside papyrus swamps, virgin and cut <i>Miscanthidium</i> , virgin and slashed <i>Phoenix</i> swamps; ---; 320	Goma	1960
	Littoral swamps among fern, permanent inland swamps at both high and low altitudes, seasonal inland swamp pools; ---; 320	Goma	1961
	In swamps with virgin or cut papyrus areas; ---; 320	Goma	1958
	---; lowland forest, rare in canopy; 320	Haddow et al.	1951
	---; in forest; 320	Corbet	1964a.
	---; ---; 324	Hamon	1954a.
	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
<i>URANOTAENIA</i>			
<i>bilineata</i> 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	Brooks Worth & de Meillon	1960
	---; Sept.; 226*	Service	1963
	---; houses; 226	Dalziel	1920
	---; ---; 227	Robinson	1948
<i>bilineata</i> var. <i>connali</i> 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	Hamney	1960
	---; lowland forest; 320	Haddow et al.	1951
<i>bilineata</i> var. <i>fraseri</i> 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
<i>bilineata</i> var. <i>obsolata</i> Edwards	---; lowland forests, rare in canopy; 320	Haddow et al.	1951
<i>bruni</i> Mattingly	Fallen leaves and palm rachides; ---; 275	Mattingly & Brown	1955
<i>brumpti</i> Doucet	---; ---; 186	Stone et al.	1959
<i>oachani</i> (Doucet)	---; ---; 186	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>URANOTAENIA</i>			
<i>caeruleocephala</i> Theobald	Permanent waters with much vegetation but few trees; ---; 44, 226	Edwards	1941
	---; Jan.; 61	Rageau & Adam	1955
	---; Feb.; 156	Doucet	1961 (1962)
	---; forest gallery; 206	Hamon et al.	1957 (1958)a.
	---; ---; 320	Haddow & Ssenkubuge	1962
<i>caliginosa</i> Philip	---; ---; 44	Mattingly & 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.
<i>candidipes</i> 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
<i>cavernicola</i> 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
<i>URANCTAENIA</i> <i>chorleyi</i> 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 <i>Elodea</i> type; ---; 175	Peters	1956
	Small pools in forest stream bed; ---; 226	Hannay	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
<i>chorleyi</i> var. <i>hamoni</i> Grjebine	Pools in forest, mud puddles with seepage and foliage debris; ---; 186	Grjebine	1954
<i>combei</i> Doucet	---; ---; 186	Stone et al.	1959
<i>connali</i> Edwards	---; thick and transitional forest; 123	Macfie & Ingram	1916a.
	---; ---; 279	Evans	1926
<i>devemyi</i> Hamon	---; houses; 273	Hamon et al.	1956a.
	---; Jan.; 273	Hamon	1954 (1955)
<i>douceti</i> Grjebine	Leaf axils; ---; 186	Grjebine	1954
<i>damonti</i> Doucet	---; ---; 186	Stone et al.	1959
<i>fusca</i> 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
<i>URANYOTAENIA</i> <i>fusca</i> 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 Maillon	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
<i>garnhami</i> van Someren	Bamboo in mountain forests; highlands; 320	Haddow et al.	1951
<i>grenieri</i> Doucet	---; ---; 186	Stone et al.	1959
<i>henrardi</i> Edwards	---; ---; 44, 320	Edwards	1941
	---; ---; 156	Doucet	1961 (1962).
	---; ---; 364	van Someren	1962
<i>hopkinsi</i> Edwards	---; ---; 44	de Maillon & Lavoipierre	1944
	---; coastal, inland lowland; 214	Brooks Worth & de Maillon	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
<i>URANOAEIA</i>			
<i>inornata</i>	---; ---; 13, 163, 322	Philip	1931a.
Theobald	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
<i>kraussi</i>	Leaf axils; ---; 186	Grjebine	1954
Grjebine			
<i>lavieri</i>	---; ---; 186	Stone et al.	1959
Doucet			
<i>Lucyae</i>	---; highland bush; 163	van Someren et al.	1955
van Someren			
<i>mashonensis</i>	Rock pools, permanent and semi-permanent water; ---; 13, 44, 163, 292, 320, 322, 364	Edwards	1941
Theobald	Artificial containers; ---; 44	Lambrecht & Zaghi	1960
	---; ---; 54, 61, 175, 206, 319	Stone et al.	1959
	Grassy marigot; ---; 89	Hanon 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
<i>URABOTAEZIA</i>			
<i>mashonensis</i> Theobald (cont.)	Most frequently in papyrus swamps, virgin, cut, burnt, and completely regenerated papyrus area, high altitude swamps, pools in virgin <i>Misocanthidium</i> swamp, among <i>Lemna</i> ; ---; 320	Goss	1960
	Littoral swamps, permanent inland swamps; ---; 320	Goss	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.
<i>mayeri</i> 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
<i>micromelas</i> Edwards	Rock pools, artificial containers; ---; 267, 365	Edwards	1941
<i>montana</i> 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
<i>neireti</i> Edwards	---; ---; 186	Edwards	1920a.
	---; ---; 201	Schwartz & Edwards	1927
<i>nepenthes</i> (Theobald)	Leaf axils; ---; 186, 275	Edwards	1941
	Pitchers of <i>Nepenthes</i> ; ---; 275	Mattingly & Brown	1955
<i>nigripes</i> (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
<i>URANOTAENIA</i>			
<i>nigripes</i> (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
<i>nigromaculata</i> 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 gal- lery 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
<i>ornata</i> Theobald	Banana and Pandanus leaf axils; ---; 44	Laarman	1958
	Rivers, tree holes; ---; 44	Laubrecht & Zaghi	1960
	Leaf axils; ---; 89	Hamon et al.	1956b.
	Along edge of reservoir, artificial containers, pine- apple leaf axils, less on banana leaf axils; ---; 123. Shady pools, rock pools; ---; 322	Surtees	1958
	---; in dense forest near coast and inland, in savan- nah 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
<i>URANOPAENIA</i>			
<i>ornata</i>	Rock pools; rare; 163	Service	1958a.
Theobald (cont.)	Leaf axils of wild banana; ---; 163	Garnham et al.	1946
	Leaf axils of <i>Pandanus</i> 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
<i>ornata</i>	Leaf axils of banana, artificial containers; ---; 13	Lewis	1956b.
var. <i>musarum</i> Edwards	Forest tree holes, plant axils; lowland and highland plantations and forests; 320	Haddow et al.	1951
	---; forest; 320*	Haddow et al.	1947
<i>pallidocephala</i>	Permanent water with vegetation; ---; 13, 44, 115, 320	Edwards	1941
Theobald	Little pools; ---; 61	Rageau & Adax	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	Gona	1960
	Littoral swamps, permanent inland swamps, in seasonal inland swamps; ---; 320	Gona	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
<i>URANOAEIA</i>			
<i>palmeri</i> de Meillon & Rebello	---; coastal; 214	Brooke Worth & de Meillon	1960
<i>parvulus</i> (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
<i>philomus</i> 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.
<i>pseudohansardi</i> Peters	---; Feb.-Mar.; 156	Doucet	1961 (1962)
	---; on tree holes; 175	Peters	1956
	---; in forest; 320	Peters	1955
<i>shillitoni</i> 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
<i>tsaratananae</i> Doucet	---; ---; 186	Stone et al.	1959
<i>unguiculata</i> 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-El	1956
	Pools with vegetation, occasionally in wells; ---; 96	Gad	1956

TABLE 1 - MOSQUITOES (conclusion)

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

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

SPECIES	DISEASE OR DISEASE ORGANISM					COUNTRY
	: VIRUS &	: RICKETTSIA	: PROTOZOA	: HELMINTHS	: OTHER	
	:	:	:	:	:	
AEDES						
<i>aegypti</i> (Linnaeus)	Yellow fever					13, 100, 117, 123, 226, 279
	Dengue					100, 115
	Chikungunya virus					292
				Filariasis		186
<i>aegypti</i> var. <i>quenselan-</i> <i>densis</i> Theobald	Chikungunya virus					292
<i>africanus</i> (Theobald)	Yellow fever					54
<i>argenteus</i> Poiret	Yellow fever					273
	Dengue					322 (Bedford, 1928)
				<i>Wuchereria ban-</i> <i>crofti</i>		322 (Bedford, 1928)
<i>cahallus</i> (Theobald)	Rift Valley fever					322
<i>luteocephalus</i> (Newstead)	Yellow fever					13, 117
<i>parbaensis</i> Theobald				Filariasis		163
<i>simpsoni</i> (Theobald)	Human yellow fever					54, 117, 123, 320
<i>simpsoni</i> <i>lillii</i> Theobald	Yellow fever virus					13
<i>vittatus</i> (Nigot)	Yellow fever					13, 117
ANOPHELES						
<i>gambiae</i> Theobald	Malaria					316
				<i>Wuchereria ban-</i> <i>crofti</i>		316 (Weiss, 1912)

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM					COUNTRY
	VIRUS &					
	RICKETTSIA	PROTOZOA	HELMINTHS	OTHER		
<i>ANOPHELES</i>						
<i>algeriensis</i> Theobald (cont.)			Nocturnal filarissis			316 (Manson- Bahr, 1959)
<i>austeni</i> (Theobald)		Malaria				123
<i>brumpti</i> (Theobald)		Malaria				44, 123
<i>claviger</i> (Meigen)		Malaria				211
<i>costalis</i> Loew		Malaria				44, 364
			<i>Wuchereria</i> <i>banrofti</i>			226
<i>coustani</i> var. <i>tenebrosus</i> Dönitz		Malaria				123
<i>d'thali</i> Patton		Malaria				102
<i>funestus</i> Giles		Malaria				13, 61 123, 156 163, 175 186 (Monier, 1937) 226, 227 292, 320 322, 324 361, 364
			<i>Wuchereria</i> <i>banrofti</i>			113, 163 (Melson, et al., 1962) 186
<i>funestus</i> <i>funestus</i> Giles		Malaria				44
			Filaria			44
<i>gambiae</i> Giles	Odyong- nyong					320
		<i>Plasmodium</i>				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					COUNTRY
	VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER		
<i>ANOPHELES</i>						
<i>gambiae</i>		Malaria				226, 230,
Giles		(cont.)				273 (Evans, 1938)
(cont.)						279 (Walton, 1947)
						284, 292,
						320, 322,
						324, 361,
						364
					<i>Wuchereria</i>	
					<i>bancrofti</i>	132, 163 (Nelson
						et al., 1962)
						175, 225,
						273, 279,
						364 (Raghavan, 1961)
					<i>Filaria</i>	117, 186,
						214
<i>gambiae</i>		Malaria				117, 131,
var. <i>melas</i>						175, 226,
(Theobald)						279
					<i>Filaria</i>	117
<i>harrooki</i>		Malaria				123, 175
Edwards						
<i>hargreavesi</i>		Malaria				123
Evans						
<i>hispaniola</i>		Malaria				316
(Theobald)						
<i>labronchiae</i>		Malaria				8, 211,
Falleroni						316
<i>maculipalpis</i>		Malaria				322
Giles						
					<i>Wuchereria</i>	
					<i>bancrofti</i>	186 (Raghavan,
						1961)
					<i>Filariasis</i>	186
<i>maculipennis</i>		Malaria				316
Meigen						
<i>maculipennis</i>		Malaria				316
<i>labronchiae</i>						
Falleroni						
<i>marshallii</i>		Malaria				320
var. <i>gibbinsi</i>						
Evans						

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM				COUNTRY
	VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	
<i>ANOPHELES</i>					
<i>marshallii</i>		Malaria			44
var. <i>moucheti</i> Evans					
<i>melas</i> (Theobald)		Malaria			123, 175
<i>moucheti</i> Evans		Malaria			6, 123 320
<i>moucheti</i> <i>nigeriensis</i> Evans		Malaria			123
<i>multicolor</i> Cambouliu		Malaria			8, 96, 316
		Marsh fever			117
<i>nili</i> (Theobald)		Malaria			13, 61 123, 175, 279
<i>paludis</i> Theobald		Malaria			44
<i>pharoensis</i> Theobald		Malaria			13, 102, 123, 186, 322
<i>pretoriensis</i> (Theobald)		Malaria			101, 102, 123
<i>rhodesiensis</i> Theobald		Malaria			10
			<i>Wuchereria</i> <i>bancrofti</i>		123
			Nocturnal filariasis		279, 364
<i>trifipes</i> (Cough)		Malaria			13, 324
<i>sergentii</i> (Theobald)		<i>Plasmodium</i> <i>vivax</i>			176
		Malaria			96
<i>squamosus</i> Theobald		Malaria			186 (Legendre, 1924)
			<i>Wuchereria</i> <i>bancrofti</i>		123, 186, 279

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM					COUNTRY
	VIRUS & RICHTTSIA	PROTOZOA	HELMINTHS	OTHER		
<i>ANOPHELES</i>						
<i>aquasus</i> Theobald (cont.)			Nocturnal filariasis			279 (Manson-Bahr, 1959) 364
<i>theileri</i> var. <i>hansooki</i> Edwards		Malaria				320
<i>CULEX</i>						
<i>fatigans</i> Wiedemann	Dengue					322
	Yellow fever virus					117
			<i>Wuchereria bancrofti</i>			186
			Filaria			186 (Halcrow, 1956)
<i>pipiens</i> Linnaeus			<i>Wuchereria bancrofti</i>			96
<i>pipiens</i> <i>fatigans</i> Wiedemann			<i>Wuchereria bancrofti</i>			44, 163
			Nocturnal filariasis			96, 163 (Manson-Bahr, 1959) 364
<i>thalsius</i> Theobald	Yellow fever virus					117
<i>univittatus</i> Theobald	West Nile virus					96
	Sindbis virus					96
<i>ERETMAPODITES</i>						
<i>chrysogaster</i> Grass	Yellow fever virus					117
<i>STENYXIA</i>						
<i>calopus</i> Heiger	Yellow fever					273
<i>fasciata</i> (Fabricius)			<i>Wuchereria bancrofti</i>			364
<i>fasciata</i> [race afri- cans-meri- cans]	Yellow fever					324

TABLE 2 - MOSQUITOES (conclusion)

SPECIES	DISEASE OR DISEASE ORGANISM					COUNTRY
	: VIRUS &	:	:	:	:	
	: RICKETTSIA	: PROTOZOA	: HELMINTHS	: OTHER	:	
<i>STEGOMYIA</i> <i>fasciata</i> [race <i>ocean-</i> <i>indienne</i>]	Dengue fever					186
<i>TAENIORHYNCHUS</i> <i>africanus</i> Theobald	Yellow fever		Nocturnal filariasis			13 364

TABLE 3 - MOSQUITOES
(UNCONFIRMED ENTRIES)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Aedes</i>			
<i>aegypti</i> (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
<i>africanus</i> (Theobald)	River edges; ---; 44	Wolfs	1946
	---; enters houses; 44	Wolfs	1947
<i>circumluteolus</i> (Theobald)	River edges; ---; 44	Wolfs	1946
<i>domesticus</i> (Theobald)	Pools; ---; 44	Wolfs	1946
<i>grahamii</i> (Theobald)	---; tree trunks; 44	Wolfs	1947
<i>lineatopennis</i> (Ludlow)	---; enters houses; 44	Schwartz	1930
<i>longipalpis</i> (Grünberg)	---; ---; 106	Gil Collado	1936
<i>luteolateralis</i> (Theobald)	---; experimentally infected with filariasis; 226	Connal	1931
<i>muscidus</i> (Karsch)	---; ---; 117	Innes	1924
<i>nigricephalus</i> (Theobald)	---; crab holes; 100	Gil Collado	1936
<i>palpalis</i> (Newstead)	River edges; ---; 44	Wolfs	1946
<i>pygmaelabris</i> Edwards	---; gravel holes; 44	Schwartz	1944
<i>reuteri</i> Dyar	---; ---; 44	Duren	1929
<i>simpsoni</i> (Theobald)	Artificial containers, near dwellings; ---; 106	Gil Collado	1936
<i>tarsalis</i> (Newstead)	---; ---; 106	Gil Collado	1936

TABLE 3 -- MOSQUITOES (continued)

SPECIES	BREEDING HABITATS · ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>taylori</i> Edwards	---; experimentally infected with yellow fever; 163	Bailey	1947
<i>vittatus</i> (Bigot)	Openings in stones or river edge; ---; 44	Duren	1929
	---; waterfall, fast flowing rivers; 44	Schwartz	1930
<i>wellmani</i> (Theobald)	---; rare; 44	Wolfe	1947
<i>ANOPHELES</i>			
<i>aderensis</i> Christophers	---; ---; 100*	Jannone et al.	1946
<i>algeriensis</i> Theobald	---; naturally infected with malaria; 211	Vialatte	1922
<i>christyi</i> (Newstead & Carter)	Hoof imprints; ---; 44	Duren	1938
	---; valley with slow running stream; 163	Symes	1926
	Pools; ---; 284	Macan	1942
<i>cinereus</i> Theobald	---; ---; 132	Ferreira et al.	1948
<i>coustani</i> Laveran	Stone nooks in ravines, pools with <i>Pistia</i> ; ---; 44	Duren	1938
	---; marsh near savannah; 44	Schwartz	1941
	---; in houses; 44	Duren	1929
	---; June-Oct.; 102	Gasparini	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
<i>dancalicus</i> Corradetti	---; ---; 132	Ferreira et al.	1948
<i>demeilloni</i> Evans	Lower part of floating debris; ---; 163	van Someren & de Boer	1926
<i>funestus</i> Ciles	---; 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 ...		

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>gambiae</i> 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
<i>hispaniola</i> (Theobald)	Foothills; ---; 211*	Anonymous	1938
<i>implexus</i> (Theobald)	---; shaded, dirty running stream covered with debris; 153	Symes	1928
<i>labronchiae</i> Falleroni	---; ---; 213	Romeo Viamonte	1950
<i>labronchiae</i> <i>c. troparvus</i> Thiel	---; ---; 213	Romeo Viamonte	1950
<i>listeri</i> de Meillon	---; ---; 186	Balfour	1921
<i>longipalpis</i> (Theobald)	---; Aug.-Oct.; 163	Kauntze & Symes	1933
<i>maculipennis</i> Meigen	---; streams with vegetation; 211	Vialatte	1924
	---; ---; 213	Romeo Viamonte & Ramirez	1945
<i>maculipennis</i> <i>sacharovi</i> Favre	---; ---; 211	Anonymous	1938
<i>marshallii</i> (Theobald)	---; experimentally infected with filariasis; 226	Connal	1931
	---; in houses; 320	Hargreaves	1937
<i>multicolor</i> Cunhouliu	---; ---; 213	Romeo Viamonte & Ramirez	1945
<i>obscurus</i> (Grünberg)	Ponds, open wooded swamps, blackish water; ---; 320	Hargreaves	1932
<i>pharoensis</i> Theobald	---; ---; 132	Ferreira et al.	1948
	---; experimentally infected with filariasis; 226	Connal	1931
<i>pretoriensis</i> (Theobald)	Artificial containers, openings in stones; ---; 44	Duren	1929
<i>rivulorum</i> Leeson	---; ---; 100	Jannone et al.	1946

TABLE 3 - MOSQUITOES (continued)

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

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>moucheti</i> Evans	---; in houses; 44	Schwartz	1944
<i>nebulosus</i> Theobald	Fallen trees and leaves, tree holes; enters houses; 44	Schwartz	1944
	Artificial containers, water holes; ---; 106	Gil Collado	1936
<i>pipiens</i> Linnaeus	Quiet, sunlit water; ---; 211	Baeza Cuéllar	1933
	---; experimentally infected with filariasis; 226	Connal	1931
<i>pipiens</i> <i>fatigans</i> Wiedemann	---; ---; 284	Wilson & Notley	1943
<i>pruinus</i> Theobald	Artificial containers; ---; 106	Gil Collado	1936
<i>quasiguiarti</i> Theobald	---; river edge with vegetation, in houses; 44	Schwartz	1944
<i>rina</i> Theobald	---; enters houses; 44	Schwartz	1930
	---; crab holes; 106	Gil Collado	1936
<i>theileri</i> Theobald	---; ---; 230	Dye	1924
<i>tigris</i> Grandpré & Charney	Semi-stagnant water, hoof prints, spring outflow between stones in river; ---; 44	Schwartz	1944
	Artificial containers; ---; 44	Duren	1929
	Holes bordering streams; ---; 106	Gil Collado	1936
<i>univittatus</i> Theobald	Dirty pond with <i>Pistia</i> ; river edge with vegetation; 44	Schwartz	1944
<i>univittatus</i> var <i>reavei</i> Theobald	---; lake edge with vegetation; 44	Schwartz	1944
<i>CULISETA</i>			
<i>annulata</i> (Schrack)	---; ---; 186	Blow	1927
<i>longiareolata</i> (Macquart)	Standing water without vegetation, near buildings; domestic; 211	Baeza Cuéllar	1933
<i>ERETMAPODITES</i>			
<i>chrysogaster</i> Graham	---; in houses; 44	Schwartz	1930
	Artificial containers; ---; 106	Gil Collado	1936
	---; ---; 226	Connal	1931

TABLE 3 - MOSQUITOES (cont.ued)

SPECIES	BREKIDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ERETMAPODITES</i>			
<i>grahami</i> Edwards	Rock holes, artificial containers; ---; 106	Gil Collado	1936
<i>oedipodius</i> Graham	---; enters houses; 44	Schwartz	1930
<i>quinquevitatus</i> Theobald	---; enters houses; 44	Schwartz	1930
<i>FICALBIA</i>			
<i>circumtestacea</i> (Theobald)	---; ---; 44	Duren	1929
<i>femorata</i> Edwards	---; ---; 44	Wolfs	1947
<i>hispid</i> var. <i>palustris</i> Theobald	---; ---; 44	Wolfs	1947
<i>mediolineata</i> (Theobald)	Water with vegetation; ---; 214	Rebello & Pereira	1943
<i>uniformis</i> var. <i>malfeyti</i> Newstead	---; ---; 106	Gil Collado	1936
<i>HARPAGOMYIA</i>			
<i>taeniarostri</i> (Theobald)	---; enters houses; 44	Schwartz	1930
<i>HODGESIA</i>			
<i>sanguinae</i> Theobald	---; enters houses; 44	Schwartz	1930
<i>MANSONIA</i>			
<i>aurites</i> (Theobald)	---; enters houses; 44	Schwartz	1930
<i>metallica</i> (Theobald)	Dirty pond covered with <i>Pistia</i> ; ---; 44	Schwartz	1944
<i>uniformis</i> (Theobald)	---; ---; 61	Jojot	1921
<i>versicolor</i> (Edwards)	---; ---; 54	Anderson	1915
<i>MEGARHINUS</i>			
<i>brevipalpis</i> Theobald	---; ---; 117	Innes	1924
<i>MUCIDUS</i>			
<i>mucidus</i> Karsch	---; ---; 117	Innes	1924

TABLE 3 - MOSQUITOES (conclusion)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TOXORHYCHITES</i>			
<i>amosus</i> (Evans)	Tree holes; rare; 44	Wolfs	1947
<i>brevipalpis</i> Theobald	---; voracious; 44	Duren	1929
<i>phytophagus</i> Theobald	Tree holes; rare; 44	Wolfs	1947
<i>tesenanni</i> Enderlein	Artificial containers; ---; 106	Gil Collado	1936
<i>viridibasis</i> (Edwards)	---; tree holes; 44	Wolfs	1947
<i>URANOAEANIA</i>			
<i>annulata</i>	---; crab holes; 106	Gil Collado	1936
<i>balfouri</i> Theobald	---; enters houses; 44	Schwetz	1930
<i>bilineata</i> var. <i>fraseri</i> Edwards	---; ---; 44	Wolfs	1947
<i>fusca</i> Theobald	---; opening in stone; 44	Duren	1929
<i>mashonensis</i> Theobald	---; enters houses; 44 Water holes; ---; 106	Schwetz Gil Collado	1930 1936
<i>nigripes</i> (Theobald)	Water surrounded by vegetation; ---; 106	Gil Collado	1936
<i>pallidosephala</i> 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	
<i>ANOPHELES</i>						
<i>adenensis</i>			Malaria			100
Christophers						
<i>funestus</i>			Malaria			44, 100
Giles						
<i>gambiae</i>			Malaria			132, 284
Giles				Filariasis		132 (Ferreris, et al., 1948)

TABLE 5 - MOSQUITOES
(ADDENDA)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
<i>africanus</i> (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
<i>dentatus</i> (Theobald)	---; forest and lake; 102	Bevan	1937
ANOPHELES			
<i>gambiae</i> Giles	---; ---; 123*	Grundy	1945
<i>marshallii</i> var. <i>gibbinsi</i> Evans	---; ---; 123*	Grundy	1945
<i>moucheti</i> Evans	Large and clear streams with enough sunlight; ---; 61	Mouchet & Gariou	1961
<i>nili</i> (Theobald)	On board ship in river; ---; 44*	Schwetz	1944
	Stagnant, shaded water; ---; 44	Bequaert	1930
<i>pharoensis</i> Theobald	---; naturally infected with <i>Wuchereria bancrofti</i> ; 364*	Manson- Bahr	1959
CULEX			
<i>andresanus</i> Edwards	---; low vegetation in underwood in gallery forest; 320	Hamon et al.	1957 (1958)
<i>bitaeniorhynchus</i> Giles	Pool covered with vegetation, muddy water, fast flowing canal; ---; 186	Doucet	1949
<i>cuttoni</i> Theobald	Artificial containers, residual puddles of marigots, temporary puddles, wells; ---; 89	Hamon et al.	1956b.
<i>impudicus</i> Ficalbi	Grassy ditches; ---; 8	Senevet & Prunelle	1927
	---; Mar.-June, Aug.; 8	Senevet & Andarelli	1962
	---; ---; 89, 131, 156, 206	Séguy	1924
<i>macfieii</i> Edwards	---; marginal forest; 320	Corbet	1964
<i>willeri</i> Theobald	---; ---; 43, 56, 100, 102, 163, 292, 364. (Perma- nent or temporary water without much vegetation)	Edwards	1941

TABLE 5 - MOSQUITOES (conclusion)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i>			
<i>uniformis</i> (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 <i>Filaria bancrofti</i> , 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 <i>Trypanosoma gambiense</i> ; 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 <i>Pistia</i> ; abundant inside and outside of homes, abundant during middle of dry season; 226°	Kerr	1933

TABLE 4 - SUMMARY OF DISEASE AND DISEASE ORGANISMS TRANSMITTED BY MOSQUITOES
(ADDENDA)

SPECIES	DISEASE OR DISEASE ORGANISM					COUNTRY
	VIRUS &					
	RICKETSIA	PROTOZOA	HELMINTHS	OTHER		
<i>AEDES</i>						
<i>africanus</i> (Theobald)	Yellow fever					320
<i>ANOPHELES</i>						
<i>gambiae</i> Giles		Malaria				125
<i>marshallii</i> var. <i>gibbinsi</i> Evans		Malaria				123
<i>nili</i> (Theobald)		Malaria				44
<i>pharoscensis</i> Theobald			Nocturnal filariasis			364

LITERATURE CITED

- Abbott, F. H.
1949. The Culicidae (Diptera) of Darfur Province, Anglo-Egyptian Sudan, with observations on the geography and zoogeographical relations of the region. Proc. R. ent. Soc. Lond. (B) 17(3-4):37-48.
- Abdel-Malek, A.
1956. Mosquitoes of North-Eastern Sinai. Bull. Soc. ent. Égypte. 40:97-107.
- Adam, J. P.
1956. Note faunistique et biologique sur les anophèles de la région de Yaoundé et la transmission du paludisme en zone forestière du Sud Cameroun. Bull. Soc. Pat. exot. 49(1):210-220.
- Adam, J. P.
1957. Présence d'*Anopheles jebudensis* Froud, en Côte-d'Ivoire. Position systématique de cet (1958) Anophèle. Bull. Soc. Pat. exot. 50(5):671-675.
- Adam, J. P.
1961. *Anopheles caroni* n. sp. (Diptera, Culicidae) Anophèle Cavernicole Nouveau de la République du Congo. Bull. Soc. Pat. exot. 54(4):714-717.
- Adam, J. P.
1962. Un Anophele Cavernicole Nouveau de la République du Congo (Brazzaville): *Anopheles* (*Neomyzomyia*) *hamoni* n. sp. (Diptera, Culicidae). Bull. Soc. Pat. exot. 55(1):153-165.
- Adam, J. P. & J. Hamon
1956. Trois anophèles nouveaux pour la Cameroun (*A. hargreavesi*, *A. freetownensis* et *A. jebudensis*). Bull. Soc. Pat. exot. 49(1):71-75.
- Adam, J. P. & J. Hamon
1958. I. Présence en Côte d'Ivoire de *Anopheles paludis* Theo. 1900 et *A. obscurus* var. *noulini* Evans 1932. II. Comparaison des terminalia des espèces éburnéennes du sous-genre *Anopheles*. Ann. Parasit. hum. comp. 33(4):509-512.
- Adam, J. P. & J. Hamon
1958. Description de deux nouvelles sous-espèces d'*Eretmapodites oedipodius* Graham, capturées (1959) en Afrique Occidentale. Bull. Soc. Pat. exot. 51(4):524-527.
- Adam, J. P. & J. Hamon
1961. Les stades pre-imaginaux d'*Eretmapodites forcipulatus* Edwards, 1936. Bull. Soc. Pat. exot. 54(2):198-202.
- Adam, J. P. & P. F. Mattingly
1956. Note sur la morphologie et la biologie d'*Anopheles* (*Neomyzomyia*) *smithi* var. *ragacui* (1957) Mattingly (P. F.) et Adam (J. P.) 1956. Bull. Soc. Pat. exot. 49(4):734-747.
- Adam, J. P., L. J. Bruce-Chwatt & J. Hamon
1956. Contribution à l'étude des Culicidae (Diptères) de la région éthiopienne. Description du mâle et de quelques variations de la femelle et des premiers stades d'*Anopheles domicolus* Edwards, 1916. Bull. Soc. Pat. exot. 49(1):100-108.
- Adam, J. P., J. Hamon & H. Bailly-Choussat
1960. Observations sur la biologie et le pouvoir vecteur d'une population d'*Anopheles gambiae* (1961) résistante à la dieldrine en Haute-Volta. Bull. Soc. Pat. exot. 53(6):1043-1053.
- Adam, J. P., J. Hamon, A. Rickenbach & M. Lips
1956. II. Étude des affinités existant entre *Anopheles hancocki*, *A. hancocki* var. *masseguini*, (1957) *A. brohieri*, *A. theileri*, *A. seydeli*. Bull. Soc. Pat. exot. 49(4):747-758.
- Adam, J. P., A. Rickenbach & J. Hamon
1957a. Présence en Afrique Occidentale Française de *Anopheles macmahoni* Evans 1936. Bull. Soc. Pat. exot. 49(4):674-676.

- Aders, W. M.
1913. Entomology in relation to public health and medicine. Med. sanit. Rep. Zanzibar 1913. pp. 76-82.
- Aders, W. M.
1917. Economic biology. Entomology in relation to public health and preventive medicine and veterinary science. Rep. Dep. publ. Hlth Zanzibar 1916. pp. 32-37.
- Aders, W. M.
1917a. Insects injurious to man and stock in Zanzibar. Bull. ent. Res. 7(4):391-401.
- Aders, W. M.
1927. Notes on malaria and filariasis in the Zanzibar Protectorate. Trans. R. Soc. trop. Med. Hyg. 21(3):207-214.
- Aitken, T. H. G.
1954. The Culicidae of Sardinia and Corsica (Diptera). Bull. ent. Res. 45(3):437-494.
- Alves, W.
1951. Southern Rhodesia experiment in malaria control. S. Afr. J. Sci. 47(10):289-292.
- Ambialet, R.
1938. Sur un essai de destruction de gîtes à larves d'anophèles par la méthode de Williamson (herbage cover). Arch. Inst. Pasteur Algér. 16(2):161-165.
- Anderson, D.
1933. *Anopheles mauritianus* as a house haunter. Trans. R. Soc. trop. Med. Hyg. 26(4):408.
- Anderson, T. J.
1913. Ticks and biting insects of Nairobi. Nairobi Lab. Rep. Jan.-June 1912. 3.19-22.
- Anderson, T. J.
1915. Report on the entomological laboratory for the year ending 31st March 1914. Rep. Dep. Agric. B. E. A. 1913-1914. p. 82.
- Anderson, T. J.
1919. Catalogue of the Exhibit of Entomology at the Nairobi Agricultural Show, 1919. Rep. Dep. Agric. B. E. A. (2).
- Anderson, T. J.
1924. Blood-sucking insects and their allies in the Colony and Protectorate of Kenya. Kenya med. J. Suppt. 14 p.
- Anonymous
1915. Entomological reports. Rep. med. Dep. S. Leone. pp. 51-53.
- Anonymous
1928. Entomological notes. Annu. med. (sanit.) Rep. Gambia. p. 20.
- Anonymous
1933. Mosquito and insect-borne diseases. Med. Rep. Hlth sanit. cond. Nth. Rhod. pp. 11-13.
- Anonymous
1938. Extrait du rapport annuel sur l'activité du service antipaludique en 1937. Bull. Inst. Hyg. Maroc. (1-2):109-133.
- Anonymous
1941. Entomology. Rep. S. Afr. Inst. med. Res. pp. 28-29.
- Bacot, A. W.
1916. Report of the entomological investigation undertaken for the Commission for the year, August 1914 to July 1915. Rep. Yell. Fev. Comm., Lond. 3:1-191.
- Baeza Cuéllar, N.
1933. Estudio médico de los Culicidos hematófagos. 158 p.

- Bailey, K. P.
1947. A preliminary note on the sylvan mosquitoes of Gede. *E. Afr. med. J.* 24(1):38-41.
- Bailly-Choumara, H.
1960. Une espèce nouvelle d'anophèle du Golfe d'Aden. *Anopheles (Myzomyia) azanias* (Diptera, Culicidae). Notes morphologiques, systématiques et écologiques. *Bull. Soc. Pat. exot.* 53(3):531-542.
- Bailly-Choumara, H. & J. P. Adam
1960. Notes complémentaires sur la morphologie, la position systématique et la biologie d'*Anopheles (Neomyzomyia) maliensis* Bailly-Choumara et Adam, 1959. *Bull. Soc. Pat. exot.* 53(1):110-119.
- Balfour, A.
1921. Report on sanitary matters in the Districts of Rivière du Rempart and Flacq. Govt. Printer, Mauritius. 11 p.
- Barber, M. A. & M. T. Olinger
1931. Studies on malaria in Southern Nigeria. *Ann. trop. Med. Parasit.* 25(3-4):461-501.
- Barraud, P. J.
1921. Mosquitoes collected in Palestine and adjacent territories. *Bull. ent. Res.* 11(4):387-395.
- Bauer, J. H.
1928. The transmission of yellow fever by mosquitoes other than *Aedes aegypti*. *Amer. J. trop. Med.* 8(4):261-282.
- Bauvallet, H.
1928. Essai de lutte antilarvaire par l'emploi de poudre larvicide, dans une zone inondée du Bas Dahomey. *Bull. Soc. Pat. exot.* 21(4):323-325.
- Bauvallet, H.
1931. Index *Aedinae* à Cotonou (Dahomey). *Bull. Soc. Pat. exot.* 24(4):292-295.
- Bedford, G. A. H.
1918. New culicine larvae from the Transvaal. 5th and 6th Rep. vet. Res. S. Afr. pp. 739-743.
- Bedford, G. A. H.
1928. South African mosquitoes. 13th and 14th Rep. vet. Res. S. Afr. (2):881-990.
- Bequaert, J.
1913. Muscides hematophages et culicides. *Rev. zool. afr.* 3(1):12-23.
- Bequaert, J. C.
1930. Medical and economic entomology. The African Republic of Liberia and the Belgian Congo. 2(3):797-1001.
- Berner, L.
1947. Notes on the breeding habitats of *Aedes (Stegomyia) aegypti* (Linnaeus). *Ann. ent. Soc. Amer.* 40(3):528-529.
- Bertram, D. S. & I. A. McGregor
1956. Catches in the Gambia, West Africa, of *Anopheles gambiae* Giles and *A. gambiae* var. *melas* Theobald in entrance traps of a baited portable wooden hut, with special reference to the effect of wind direction. *Bull. ent. Res.* 47(4):669-681.
- Bertram, D. S., I. A. McGregor & J. A. McFadzean
1958. Mosquitoes of the Colony and Protectorate of the Gambia. *Trans. R. Soc. trop. Med. Hyg.* 52(2):135-151.
- Revan, C. E.
1937. Notes on the distribution and breeding-places of mosquitoes in Northern Abyssinia. *Bull. ent. Res.* 28(2):279-287.

- Blacklock, B.
1921. Breeding places of anopheline mosquitoes in Freetown, Sierra Leone. Ann. trop. Med. Parasit. 15(4):463-471.
- Blacklock, D. B. & A. M. Evans
1926. Breeding places of anopheline mosquitoes in and around Freetown, Sierra Leone. Ann. trop. Med. Parasit. 20(1):59-84.
- Blacklock, D. B. & C. Wilson
1942. A late seasonal increase of *Anopheles foveatus* in village houses. Ann. trop. Med. Parasit. 36(4):182-186.
- Blacklock, D. B. & C. Wilson
1942a. Simple anti-malaria methods for use in villages. Ann. trop. Med. Parasit. 36(4):187-191.
- Blow, T. B.
1927. Observations on the alleged larvicidal properties of Charophyta. Proc. Linn. Soc. Lond. Sess. 139. pp. 46-47.
- Boorman, J. P. T.
1958. Transmission of Uganda S virus by *Aedes (Stegomyia) aegypti* Linn. Trans. R. Soc. trop. Med. Hyg. 52(4):383-388.
- Boorman, J. P. T.
1960. Studies on the biting habits of six species of culicine mosquitoes in a West African village. W. Afr. med. J. (N.S.) 9(6):235-246.
- Boorman, J. P. T.
1961. Observations on the habits of mosquitoes of Plateau Province, Northern Nigeria, with particular reference to *Aedes (Stegomyia) vittatus* (Bigot). Bull. ent. Res. 52(4):709-725.
- Boorman, J. P. T.
1962. Observations on longevity and egg production in *Aedes (Stegomyia) aegypti* Linn. mosquitoes infected with Uganda S virus. W. Afr. med. J. (N.S.) 11(6):241-247.
- Boorman, J. P. T. & J. S. Porterfield
1957. A small outbreak of yellow fever in the Gold Coast. Trans. R. Soc. trop. Med. Hyg. 51(5):439-449.
- Boorman, J. P. T. & M. W. Service
1960. Some records of mosquitoes (Culicidae, Diptera) from the Niger Delta area, Southern Nigeria. W. Afr. med. J. (N.S.) 9(2):67-72.
- Bouillon, A.
1953. Les anophèles de Kalenda (Kasai) (Congo belge) (systématique-écologie). Rev. Zool. Bot. exp. 47(1-2):48-51.
- Braga, J. M.
1931. Culicídeos de Portugal. Inat. Zool. Univ., Porto. 83 p.
- Brambilla, A.
1941. L'anofelismo nella zona di Sira Dava (Harar). Prima nota. Riv. Malariol. 26(4):271-293.
- Brighenti, D.
1930. Gli anofelini delle Colonie italiane. Riv. Malariol. 9(4):429-433.
- Briscoe, M. S.
1950. Field notes on mosquitoes collected in Liberia, West Africa. Mosquito News. 10(1):19-21.

Brooke Worth, C. & B. de Meillon

1960. Culicine mosquitoes (Diptera: Culicidae) recorded from the Province of Mocambique (Portuguese East Africa) and their relationship to arthropod-borne viruses. *Anais Inst. Med. trop., Lisb.* 17(1-2):231-256.

Brooke Worth, C. & H. E. Paterson

1960. Phoresy of sucking lice (Siphunculata: Linognathidae) by a mosquito (Diptera: Culicidae). *J. ent. Soc. S. Afr.* 23(1):228-230.

Brooke Worth, C. & H. E. Paterson

1961. Culicine mosquitoes in Southern Africa. New locality records in the Provinces of Natal (Union of South Africa), Mozambique (Portuguese East Africa) and Angola (Portuguese West Africa), with a list of the species now known from Natal. *Revta Ent. Moçamb.* 4(1):65-80.

Brooke Worth, C., J. de Sousa & M. P. Weinbren

1961. Studies on the life-history of *Aedes (Sturessa) pembaensis* (Theobald) (Diptera, Culicidae). *Bull. ent. Res.* 52(2):257-261.

Brooke Worth, C., H. E. Paterson & B. de Meillon

- 1961a. The incidence of arthropod-borne viruses in a population of culicine mosquitoes in Tongaland, Union of South Africa (January, 1956, through April, 1960). *Amer. J. trop. Med. Hyg.* 10(4):585-592.

Brown, A. W. A.

1962. Insecticidal control of filariasis. *Bull. World Hlth Org.* 27(4-5):632-636.

Bruce-Chwatt, L. J.

1948. A new *Aedes* from the Cameroons, *A. (Aedimorphus) boneti* s. sp. *kumbar* s. sp. nov. *Ann. trop. Med. Parasit.* 42(2):184-189.

Bruce-Chwatt, L. J.

1950. Recent studies on insect vectors of yellow fever and malaria in British West Africa. *J. trop. Med. (Hyg.)* 53(4):71-79.

Bruce-Chwatt, L. J.

1957. An unusual epidemiology of malaria in south-eastern Nigeria. *Trans. R. Soc. trop. Med. Hyg.* 51(5):411-418.

Brygoo, E. R. & J. Escolivet

1956. Enquête sur la filariose aux Comores, à Mayotte et Mohéli. *Bull. Soc. Pat. exot.* 48(6):833-838.

Brygoo, E. R. & A. Grjebine

1958. Enquête sur la filariose des habitants de la côte sud-est de Madagascar. *Mém. Inst. sci. Madagascar (E)* 9:307-314.

Burgess, P. W.

1960. Comparative susceptibility of *Anopheles gambiae* Theo. and *Anopheles melas* Giles to infection by *Plasmodium falciparum* in Liberia, West Africa. *Amer. J. trop. Med. Hyg.* 9(6):652-655.

Burgess, P. W.

1962. Mosquitoes breeding in latex cups. A preliminary survey. XI. 11th Int. Congr. Ent., Vienna. 2:341-506.

Burgess, P. W.

- 1962a. Preliminary experiments on the hybridization of *Anopheles gambiae* Giles and *Anopheles melas* Theobald. *Amer. J. trop. Med. Hyg.* 11(5):702-704.

Callot, J.

1947. Sur les gîtes larvaires de *Culex hortensis* et de *C. apicalis*. *Ann. Parasit. hum. comp.* 22(1-2):81-83.

- Cavalié, P. & J. Mouchet
1962. Deuxième partie. Les opérations de lutte antipaludique et leurs résultats. *Méd. trop.* 22(1):95-118.
- Cezanove, F.
1922. Les moustiques à Dakar en 1931. *Bull. Soc. Pat. exot.* 25(7):797-817.
- Chabaud, M. A. & M. Ovazza
1958. La fièvre jaune dans la Fédération d'Ethiopie et d'Erythréa. Nouvelles données épidémiologiques. *Bull. World Hith Org.* 19(1):7-21.
- Charrier, H.
1924. Le *Stegomyia fasciata* dans la région de Tanger (Maroc). *Bull. Soc. Pat. exot.* 17(2):137-142.
- Charrier, H.
1924a. Les moustiques de la région de Tanger (Maroc). *Bull. Soc. Pat. exot.* 17(7):570-572.
- Chéneveau, R.
1934. Note sur les trous de crabes à Aného (Togo). *Bull. Soc. Pat. exot.* 27(6):590-593.
- Choumara, K.
1961. Notes sur le paludisme au Somaliland. *Riv. Malarial.* 40(1-3):9-34.
- Christie, M.
1954. A method for the numerical study of larval populations of *Anopheles gambiae* and other pool-breeding mosquitoes. *Ann. trop. Med. Parasit.* 48(3):271-276.
- Christophers, S. R.
1929. Note on a collection of anopheline and culicine mosquitoes from Madeira and the Canary Islands. *Indian J. med. Res.* 17(2):518-530.
- Clastrier, G.
1936. Contribution à l'étude de la pathologie de l'Aures (Algérie). *Arch. Inst. Pasteur Algér.* 14(4):449-557.
- Clastrier, J. & Senevet, G.
1961. Les moustiques du Sahara Central. *Arch. Inst. Pasteur Algér.* 39(2):241-253.
- Colas-Belcour, J.
1931. Notes sur la faune parasitologique des Oasis de Tozeur et Kébili. *Arch. Inst. Pasteur Tunis.* 20(1):66-72.
- Colbourne, M. J. & F. N. Wright.
1955. Malaria in the Gold Coast. Part II. *W. Afr. med. J. (N.S.)* 4(4):161-174.
- Collignon, E.
1936. La campagne antipaludique de 1935 en Algérie (partie orientale du département d'Alger et département de Constantine). *Arch. Inst. Pasteur Algér.* 14(3):391-406.
- Collignon, E.
1938. Observations sur les gîtes à larves d'anophèles en Algérie (1937) (département d'Alger). *Arch. Inst. Pasteur Algér.* 16(2):157-160.
- Collignon, E.
1938a. Une grande mesure antilarvaire: L'assèchement du lac Halloula. *Arch. Inst. Pasteur Algér.* 16(2):166-175.
- Collignon, E.
1939. Observations sur les anophèles et sur certains culicidés d'Algérie (département d'Alger, 1938). *Arch. Inst. Pasteur Algér.* 17(1):135-138.
- Collignon, E.
1944. La campagne antipaludique de 1943 dans le département d'Alger. *Arch. Inst. Pasteur Algér.* 22(2):131-140.

- Connal, A.
1926. Annual Report of the Medical Research Institute. Annu. med. sanit. Rep. Nigeria. 1924. Appx. 1. 45 p.
- Connal, A.
1926a. Annual Report of the Medical Research Institute, 1925. Annu. med. sanit. Rep. Nigeria. Appx. A. pp. 1-37.
- Connal, A.
1931. Report of the Laboratory Service, 1930. Rep. med. Hlth Serv. Nigeria. pp. 71-97.
- Connal, A. & H. S. Coghill
1916. Annual Report of the Medical Research Institute of Nigeria for 1914. Rep. med. Res. Inst. Nigeria. 22 p.
- Corbet, P. S.
1963. Observations on *Toxorhynchites brevialpis conradi* Grunb. (Diptera, Culicidae) in Uganda. Bull. ent. Res. 54(1):9-17.
- Corbet, P. S.
1963a. Seasonal patterns of age-composition of sylvan mosquito populations in Uganda (Diptera, Culicidae). Bull. ent. Res. 54(2):213-227.
- Corbet, P. S.
1964. Nocturnal flight activity of sylvan Culicidae and Tabanidae (Diptera) as indicated by light-traps: a further study. Proc. R. ent. Soc. Lond. (A). 39(4-6):53-67.
- Corbet, P. S.
1964a. Observations on mosquitoes ovipositing in small containers in Zika forest, Uganda. J. Anim. Ecol. 33(1):141-164.
- Corbet, P. S.
1964b. The ovarian condition of certain sylvan mosquitoes in Uganda (Diptera, Culicidae). Bull. ent. Res. 55(2):367-382.
- Corbet, P. S. & A. J. Haddow
1961. Observations on nocturnal flight activity in some African Culicidae (Diptera). Proc. R. ent. Soc. Lond. (A). 36(7-9):113-118.
- Corbet, P. S. & A. J. Haddow
1962. Diptera swarming high above the forest canopy in Uganda, with special reference to Tabanidae. Trans. R. ent. Soc. Lond. 114(8):267-284.
- Corbet, P. S. & E. C. C. van Someren
1962. *Aedes (Stegomyia) opok* sp. nov., a new species of mosquito from Uganda. Ann. trop. Med. Parasit. 56(1):73-77.
- Corbet, P. S., M. C. Williams & J. D. Gillett
1961. O'nyong-nyong fever: an epidemic virus disease in East Africa. IV. Vector studies at epidemic sites. Trans. R. Soc. trop. Med. Hyg. 55(5):463-480.
- Corradetti, A.
1938. L'anofelismo nella regione del Semien durante la stagione secca. Boll. Soc. Biol. sper. 13(2):114-115.
- Corradetti, A.
1939. Studi morfologici sulla specie anofelica precedentemente identificata come *A. dthali* nel Semien e sua classificazione come nuova varietà di *A. rhodesiensis*. Riv. Parasit. 3(1):57-63.
- Corradetti, A.
1939a. Notizie preliminari sulla fauna anofelica della regione di Gondar; del lago Tana e della regione del Semien. Riv. Parasit. 3(2):153-156.

- Corradetti, A.
1939b. La biologia dell'*Anopheles gambiae* e il problema malarico nell'Africa Orientale Italiana. Riv. Bio. colon. 2(5):321-327.
- Corradetti, A.
1939c. L'anofelismo nella regione Uollo Jeggiu. Riv. Parassit. 3(3):207-219.
- Corradetti, A.
1939d. Una nuova specie di *Anopheles* rinvenuta in Dancalia: *Anopheles (Neocellia) dancalicus* n. sp. Nota preliminare. Riv. Parassit. 3(3):271-278.
- Corradetti, A.
1939e. Su alcune larve di *Anopheles* rinvenute a Ghinda (Eritrea) e descrizione di una nuova larva: *Anopheles (Myzomyia) erythraeus* n. sp. Riv. Parassit. 3(4):287-292.
- Corradetti, A.
1940. Le conoscenze sulla distribuzione delle specie anofeliche nell'Africa Orientale Italiana. Riv. Biol. colon. 3(6):419-429.
- Corrado, E.
1925. Contributo alla geografia medica della Somalia Italiana. Pathologica. 17(402):438-441.
- Couvy, A.
1925. Le fonctionnement du service de défense contre le paludisme à Madagascar (1923-1924). Ann. Méd. Pharm. colon. 23(2):238-264.
- Couvy, L.
1927. A propos de la fièvre jaune. Bull. Soc. Pat. exot. 20(3):295-299.
- Coz, J., A. Grjebine & J. Hamon
1960. *Anopheles flavicosta* Edwards, 1911 de Madagascar et d'Afrique. Bull. Soc. Pat. exot. 53(4):742-751.
- Creac'h, P.
1947. Notes succinctes sur *Stegomyia fasciata* en saison fraîche 1938-1939 à Fort-Lamy (Tchad). Encycl. ent. (B) 2(10):152-154.
- da Costa Pinhão, R. & M. da Costa Mourão
1961. Contribuição para o estudo dos Culicidae (Diptera) da ilha do Príncipe. Ann. Inst. Med. trop., Lisboa. 18(1-2):29-33.
- Dalziel, J. M.
1920. Crab-holes, trees, and other mosquito sources in Lagos. Bull. ent. Res. 11(3):247-270.
- Dalziel, J. M. & W. B. Johnson
1915. Notes on a visit to Sherbro District. Yell. Fev. Bur. Bull. Suppl. 2. pp. 527-540.
- d'Anfreville, L.
1915. La fièvre jaune et le Maroc. Bull. Soc. Pat. exot. 8(10):732-733.
- d'Anfreville, L.
1916. Les moustiques de Salé, Maroc. Bull. Soc. Pat. exot. 9(3):140-142.
- Davey, J. B. & R. Newstead
1921. Mosquitoes and other bloodsucking arthropods of the Upper Shiri River, Nyasaland. Ann. trop. Med. Parasit. 15(4):457-462.
- Davidson, G.
1947. Field trials with "Gammexane" as a means of malaria control by adult mosquito destruction in Sierra Leone. I. The effect of "Gammexane" on mosquitoes. Ann. trop. Med. Parasit. 41(2):178-209.
- Davis, G. E. & C. B. Philip
1931. The identification of the blood-meal in West African mosquitoes by means of the precipitation test. A preliminary report. Amer. J. Hyg. 14(1):130-141.

- de Burca, B. & Imdad Ali Shah
1943. The anopheline mosquitoes of Eritrea and their relation to malaria transmission. J. Malar. Inst. India. 5(2):235-245.
- de Meillon, B.
1936. *Anopheles funestus* Giles and *Anopheles leesoni* Evans in human habitations and outdoor huanis. Ann. trop. Med. Parasit. 30(1):1-2.
- de Meillon, B.
1937. A note on *Anopheles gambiae* and *Anopheles funestus* in Northern Rhodesia. Rep. S. Afr. Inst. med. Res. (40):306-312.
- de Meillon, B.
1938. A note on *Anopheles gambiae* Giles and *Anopheles coustani* var. *tenebrosus* Dönitz from Southern Africa. S. Afr. med. J. 12:648-650.
- de Meillon, B.
1939. [Report of the] Department of Entomology. Rep. S. Afr. Inst. med. Res. 1938. pp. 33-38.
- de Meillon, B.
1942. New Nematocera from the Ethiopian Region. J. ent. Soc. S. Afr. 5:87-98.
- de Meillon, B.
1943. New records, and new species of Nematocera (Diptera) from the Ethiopian Region. J. ent. Soc. S. Afr. 6:90-113.
- de Meillon, B.
1947. New records and species of biting insects from the Ethiopian Region. II. J. ent. Soc. S. Afr. 10(1):110-113.
- de Meillon, B.
1947a. The Anophelini of the Ethiopian Geographical Region. Rep. S. Afr. Inst. med. Res. (49):272P.
- de Meillon, B.
1949. Anophelines of the Ethiopian Region. In M. F. Boyd, ed. Malariology. W. B. Saunders Co., Philadelphia and London. 1:443-482.
- de Meillon, B. & A. M. Evans
1935. Two new anophelines from South Africa. Ann. trop. Med. Parasit. 29(1):91-94.
- de Meillon, B. & M. Lavoipierre
1944. New records and species of biting insects from the Ethiopian Region. J. ent. Soc. S. Afr. 7:38-67.
- de Meillon, B. & M. de C. Pereira
1940. Notes on some anophelines (Dipt. Culicidae) from Portuguese East Africa. Moçambique Docum. trim. (23):69-83.
- de Meillon, B., A. M. Evans & H. S. Lueson
1936. The characters of *Anopheles marshalli* var. *pitchfordi* Giles in the adult, larval and pupal stages. Ann. trop. Med. Parasit. 30(1):45-55.
- de Meillon, B., M. Parent & L. O'C. Black
1945. Descriptions of new larvae and pupae of Ethiopian Culicine. Bull. ent. Res. 36(1): 85-101.
- de Meillon, B., H. E. Paterson & J. Muspratt
1957. Studies on arthropod-borne viruses of Tangaland. II. Notes on the more common mosquitoes. S. Afr. J. med. Sci. 22:47-53.

- de Maira, M. T. V.
1959. Erradicação de *Aedes aegypti* na ilha de S. Vicente (Arquipélago de Cabo Verde). Ann. Inst. Med. trop., Lisboa. 16(1-4):209-212.
- Dick, G. W. A.
1953. Epidemiological notes on some viruses isolated in Uganda (yellow fever, East Valley fever, Bwamba fever, West Nile, Mingo, Senkiki Forest, Sanyawera, Moyo, Uganda C and Zik viruses). Trans. R. Soc. trop. Med. Hyg. 47(2):13-45.
- Doby, J. M. & J. Kouchet
1957. Écologie larvaire de quelques espèces de Culicidées dans la Région de Yaoundé (Cameroun) (1958) Bull. Soc. Pat. exot. 50(6):945-957.
- Doby, J. M., B. Rault & F. David
1960. *Theobaldia (Culicella) litorae* (Shute 1978) et *Anopheles (Anopheles) nigeriensis* Theobald 1903, dans l'ouest de la France. Contribution à l'étude écologique de ces deux espèces. Ann. Parasit. hum. comp. 35(1-2):176-187.
- Dollfus, R. P.
1921. Une espèce de moustique nouvelle pour la faune Française, *Aedes (Coelerotatus) crummi*, Theobald. C. R. Soc. Biol., Paris. 24(19):971-972.
- Doucet, J.
1949. Étude des Culicidae (Diptera) du Lac Alaotra. IV. Mém. Inst. sci. Madagascar (A). 3(2): 121-145.
- Doucet, J.
1949a. Recherches sur les Culicidae de Madagascar. Mém. Inst. sci. Madagascar (A). 3(3):325-332.
- Doucet, J.
1961. Moustiques forestiers de la République de Côte d'Ivoire. IV. Étude de l'attraction (1962) par les rayons ultra-violet et de l'agressivité pour l'homme au cours de 24 heures, des moustiques des arbres de la forêt du Banco (Abidjan). Bull. Soc. Pat. exot. 54(5): 1164-1183.
- Doucet, J. & P. Cachan
1961. V. Observations sur les gîtes de ponte des moustiques du genre *Eremnophodites* Theobald (1962) dans la forêt du Banco (Abidjan). Bull. Soc. Pat. exot. 54(6):1253-1265.
- Doucet, J. & P. Cachan
1962. Moustiques forestiers de la République de Côte d'Ivoire. VI. Observations sur les gîtes de ponte des moustiques du genre *Aedes* Meigen dans les arbres de la forêt du Banco (Abidjan). Bull. Soc. Pat. exot. 55(3):422-443.
- Doucet, J., J. P. Adam & G. Binson
1960. Les Culicidae de la Côte d'Ivoire. Ann. Parasit. hum. comp. 35(3):391-408.
- Draper, C. C.
1953. Observations on the infectiousness of gametocytes in hyperendemic malaria. Trans. R. Soc. trop. Med. Hyg. 47(2):160-165.
- Draper, C. C. & A. Smith
1957. Malaria in the Paragaza of N. E. Tanganyika. Part I: Epidemiology. Trans. R. Soc. trop. Med. Hyg. 51(2):137-151.
- Dunn, L. H.
1927. Tree-holes and mosquito breeding in West Africa. Bull. ent. Res. 18(2):139-144.
- Dunn, L. H.
1928. Further observations on mosquito breeding in tree-holes and crab-holes. Bull. ent. Res. 18(3):247-250.

- Duren, A. N.
1929. Contribution à l'étude des culicidés du Congo belge, Province du Congo-Kasaï. Ann. Soc. belge Méd. trop. 2(1):97-115.
- Duren, A. N.
1938. Etat actuel de nos connaissances sur les anophèles du Congo belge. Ann. Soc. belge Méd. trop. 18(4):557-580.
- Dye, W. H.
1900. Parasitic mites on mosquitoes. Roy. Army med. Cpr. 42(2):87-102.
- Edwards, F. W.
1912. A synopsis of the species of African Culicidae, other than *Anopheles*. Bull. ent. Res. 3(1):1-53.
- Edwards, F. W.
1912a. A key for determining the African species of *Anopheles* (sensu lato). Bull. ent. Res. 3(3):241-250.
- Edwards, F. W.
1913. Further notes on African Culicidae. Bull. ent. Res. 4(1):47-59.
- Edwards, F. W.
1914. New species of Culicidae in the British Museum, with notes on the genitalia of some African *Culex*. Bull. ent. Res. 5(1):63-81.
- Edwards, F. W.
1915. An annotated list of mosquitoes occurring at Durban, Natal. Ann. Durban Mus. 1(2):160-166.
- Edwards, F. W.
1915a. New and little known East African Culicidae. Bull. ent. Res. 5(4):273-281.
- Edwards, F. W.
1916. Eight new mosquitoes in the British Museum collection. Bull. ent. Res. 6(4):357-364.
- Edwards, F. W.
1920. Mosquito notes. Bull. ent. Res. 10(2):129-137.
- Edwards, F. W.
1920a. Notes on the mosquitoes of Madagascar, Mauritius and Reunion. Bull. ent. Res. 11(2):133-138.
- Edwards, F. W.
1921. Mosquito notes. II. Bull. ent. Res. 12(1):69-80.
- Edwards, F. W.
1921a. A revision of the mosquitoes of the Palearctic Region. Bull. ent. Res. 12(3):263-351.
- Edwards, F. W.
1922. Mosquito notes. III. Bull. ent. Res. 13(1):75-102.
- Edwards, F. W.
1923. Four new African mosquitoes. Bull. ent. Res. 13(4):397-399.
- Edwards, F. W.
1923a. Mosquitoes reared by Dr. W. E. Haworth from coconut palms in East Africa. Trans. R. Soc. trop. Med. Hyg. 16(8):498-501.
- Edwards, F. W.
1924. An appendix describing two new species of mosquitoes from coconut palms in East Africa. Trans. R. Soc. trop. Med. Hyg. 18(4):197-198.

- Edwards, F. W.
1924a. Some mosquitoes from Ovamboland, S. W. Africa, and from the Cape Province. Ann. S. Afr. Mus. 19(1):159-163.
- Edwards, F. W.
1926. Una revisione delle zanzare delle regioni paleartiche. Riv. Malariol. V. (N. S.) 1(3-6):253-285.
- Edwards, F. W.
1926a. Una revisione delle zanzare delle regioni paleartiche. Riv. Malariol. V. (N. S.) 1(3-6):382-466.
- Edwards, F. W.
1926b. Una revisione delle zanzare delle regioni paleartiche. Riv. Malariol. V. (N. S.) 1(3-6):613-652.
- Edwards, F. W.
1928. Mosquito notes. VII. Bull. ent. Res. 18(3):267-284.
- Edwards, F. W.
1929. Anopheles from the Central Sahara. Arch. Inst. Pasteur Algér. 7(1):82-87.
- Edwards, F. W.
1930. Mosquito notes. IX. Bull. ent. Res. 21(3):287-306.
- Edwards, F. W.
1932. Mosquito notes. XI. (1) A remarkable *Uranotaenia* larva from Hong Kong. (2) A new *Idia* from the Azores. (3) New African Culicines. Bull. ent. Res. 23(4):559-562.
- Edwards, F. W.
1935. Mosquito notes. XII. Bull. ent. Res. 26(2):127-136.
- Edwards, F. W.
1936. New African Culicine mosquitoes (Diptera, Culicidae). Proc. R. ent. Soc. Lond. (B) 3(3):49-55.
- Edwards, F. W.
1940. A new plain-winged *Anopheles* from Rhodesia. Ann. trop. Med. Parasit. 34(2):93-96.
- Edwards, F. W.
1941. Mosquitoes of the Ethiopian Region. III. Culicine adults and pupae. British Museum of Natural History, London. 499 p.
- Edwards, F. W. & E. Gibbins
1939. Ruwenzori Expedition 1934-35 mosquitoes. Ruwenzori Exped. 1(3):29-33.
- Elliott, R.
1950. Larvicidal control of peridomestic mosquitoes. Trans. R. Soc. trop. Med. Hyg. 49(6):528-542.
- Enderlein, G.
1929. Die Culiciden-Fauna Madagascars. Wien. ent. Ztg. 38(1-3):47-52.
- Enderlein, G.
1931. Zwei neue *Toxorhynchites* aus dem Kongogebiete. Zool. Anz. 94(3-4):123-125.
- Escudé, A., J. Hamon & J. Godin
1962. La paludisme et l'importance de sa transmission dans la région de Man, République de Côte d'Ivoire. Riv. Malariol. 41(1-3):9-28.
- Evans, A. M.
1925. Notes on the Culicidae collected in Sierra Leone, with descriptions of a new species and new variety. Ann. trop. Med. Parasit. 19(1):119-126.

- Evans, A. M.
1925a. A new variety of *Anopheles marshalli*, from Sierra Leone. Ann. trop. Med. Parasit. 19(4):461-464.
- Evans, A. M.
1926. Notes on Freetown mosquitoes, with descriptions of new and little-known species. Ann. trop. Med. Parasit. 20(1):97-108.
- Evans, A. M.
1932. Notes on African mosquitoes. Ann. trop. Med. Parasit. 26(1):85-108.
- Evans, A. M.
1935. Notes on anophelines. I. Description of *Anopheles marshalli* var. *gibbins* from Uganda. II. The characters of *A. maculipennis* var. *messeae* in Wirral, England. Ann. trop. Med. Parasit. 29(4):469-473.
- Evans, A. M.
1938. Mosquitoes of the Ethiopian Region. II. Anophelini, adults and early stages. British Museum of Natural History, London. 404 p.
- Evans, A. M. & P. C. C. Garnham
1936. The *funestus* series of *Anopheles* at Kisumu and a coastal locality in Kenya. Ann. trop. Med. Parasit. 30(4):511-520.
- Evans, A. M. & H. S. Leeson
1935. The *funestus* series of *Anopheles* in Southern Rhodesia, with description of a new variety. Ann. trop. Med. Parasit. 29(1):33-37.
- Evans, A. M. & H. S. Leeson
1937. Notes on variation in *Anopheles rivulorum* Leeson in East Africa, with description of a new variety. Ann. trop. Med. Parasit. 31(3):383-386.
- Ferreira, F. S. da C., A. R. Pinto & C. L. de Almeida
1948. Alguns dados sobre a biologia do *Anopheles gambiae* da cidade de Bissau e arredores (Guine Portuguesa), em relacao com a transmissao da malaria e filariase linfatica. Ann. Inst. Med. trop., Lisboa. 5:223-250.
- Findlay, G. M. & T. H. Davey
1936. Yellow fever in the Gambia. II. The 1934 outbreak. Trans. R. Soc. trop. Med. Hyg. 30(2):151-164.
- Fitzsimmons, W. M.
1958. A new record of *Anopheles maculipalpis* Giles. J. ent. Soc. S. Afr. 21(2):426.
- Foley, H.
1918. A propos de la larve d'*Anopheles ochuoyei*. Bull. Soc. Pat. exot. 11(7):549-550.
- Foley, H.
1928. Sur quelques Dipteres piqueurs recoltés au cours de la mission du Hoggar. (1re note) Bull. Soc. Hist. nat. Afr. N. 19:267-272.
- Foley, H., A. Catanei, M. Brouard & P. Demimuid
1925. Parasitisme et réactions morbides dans le paludisme chronique des enfants indigènes en Algérie. Bull. Soc. Pat. exot. 18(7):546-554.
- Foots, R. H.
1953. Pictorial keys to the mosquitoes of medical importance. IV. Anglo-Egyptian Sudan. Mosquito News. 13(4):255-258.
- Fox, R. M.
1957. *Anopheles gambiae* in relation to malaria and filariasis in coastal Liberia. Amer. J. trop. Med. Hyg. 6(4):598-620.

- Fox, R. M.
1958. Man-biting mosquitoes in coastal Liberia. Amer. J. trop. Med. Hyg. 7(2):215-220.
- Fraga de Azevedo, J. P., F. J. C. Cambourns & M. R. Pinco
1945. A doença do sono na Guiné em 1944 - observações sobre Ofídeos, Culicídeos e *Phlebotomus* da Colónia. Ann. Inst. Med. trop. Lisboa. 2:7-47.
- Frøy, R. et al.
1936. Die Dipterenfauna der Kanarischen Inseln und ihre Probleme. Comment. bio. Helvingf. 6(1):1-237.
- Frøyvogel, T.
1936. Malaria in tiefer und mittlerer Höhenlage. Untersuchungen in endemischen Gebieten Tanganyikas. Acta trop., Basel. 13(1):58-81.
- Froud, M. D.
1944. *Anopheles jebudensis* sp. nov., a new anopheline mosquito from Southern Nigeria. Ann. trop. Med. Parasit. 38(1):75-77.
- Gad, A. M.
1956. Mosquitoes of the oases of the Libyan Desert of Egypt. Bull. Soc. ent. Égypte. 40: 131-136.
- Galliard, H.
1931. Culicidés du Gabon. I. Culiciniés, avec la description d'une espèce et de deux variétés nouvelles. Ann. Parasit. hum. comp. 9(3):225-232.
- Galliard, H.
1931a. Notes et informations - *Anopheles* de la Rhodesie du Sud. Ann. Parasit. hum. comp. 9(3):284.
- Galliard, H.
1931b. Culicidés du Gabon. II. Culiciniés (suite). Remarques sur la biologie des *Mansonioides* et d'*Aedes (Stegomyia) argenteus* Poiret. Ann. Parasit. hum. comp. 9(6):514-529.
- Galliard, H.
1932. Culicidés du Gabon. III. Anopheliniés. Ann. Parasit. hum. comp. 10(1):85-95.
- Galliard, H.
1932a. Culicidés du Gabon. IV. Essai sur leur biologie dans ses rapports avec le paludisme local. Ann. Parasit. hum. comp. 10(6):465-493.
- Galliard, H.
1933. Répertoire des espèces et des genres nouveaux (Dipteres). Ann. Parasit. hum. comp. 11(3):243-248.
- Galliard, H.
1936. L'antropophilie de *Culex fatigans* au Tonkin. Bull. Soc. Pat. exot. 29(5):517-518.
- Galliard, H. & F. Coutelen
1926. Présence en France de *Culex tipuliformis* Theobald 1901. C. R. Soc. Biol., Paris. 95(30):1025-1026.
- Gândara, A. F.
1958. Contribution pour la connaissance des Culicidae d'Angola. 10th Int. Congr. Ent. 3:675-679.
- Garnham, P. C. C.
1945. The role of *Anopheles pharoseris* Theobald in the transmission of malaria in the Kenya Colony. Ann. trop. Med. Parasit. 39(2):63-65.
- Garnham, P. C. C. & J. O. Harper
1944. The control of rural malaria by pyrethrum dusting. E. Afr. med. J. 21(10):310-320.

- Garnham, P. C. C., J. O. Harper & R. B. Highton
1946. The mosquitoes of the Kaimosi Forest, Kenya Colony, with special reference to yellow fever. Bull. ent. Res. 36(4):473-496.
- Gasperini, G. C.
1947. La fauna anofelica della Piana di Selaciacà (Tigrai Orientale). Boll. Soc. ital. Med. Saz. Eritrea. 1(2):105-106.
- Gaud, J.
1948. Rythmes saisonniers d'activité de *A. maculipennis* et d'*A. claviger* au Maroc en fonction de l'altitude. Bull. Soc. Pat. exot. 41(7-8):494-498.
- Gaud J.
1948a. Frequence au Maroc et role vecteur possible d'*Anopheles sergenti* Theo. Bull. Soc. Pat. exot. 41(7-8):498-501.
- Gaud, J., J. Faure & A. Maurice
1950. Repartition et frequence relative des espèces anophéliennes au Maroc. Ann. Parasit. hum. comp. 25(1-2):53-60.
- Gear, J. et al.
1955. Rift Valley fever in South Africa. A study of the 1953 outbreak in the Orange Free State, with special reference to the vectors and possible reservoir hosts. S. Afr. med. J. 29:514-518.
- Gebert, S.
1936. The breeding of *Anopheles costalis* in sea-water, in Mauritius. Trans. R. Soc. trop. Med. Hyg. 30(2):255-257.
- Gebert, S.
1937. Notes on filariasis and its transmission by Mauritian anophelines. Trans. R. Soc. trop. Med. Hyg. 30(4):477-480.
- Gelfand, H. M.
1947. Natural malaria infection in *Anopheles rufipes* (Gough). J. trop. Med. (Hyg.) 50(8):159-160.
- Gelfand, H. M.
1954. The anopheline mosquitoes of Liberia. W. Afr. med. J. (N. S.) 3(2):80-88.
- Germer, W. D. & H. Behrens
1942. Ein Beitrag zur Stechmückenfrage von Gran Canaria. Z. Parasitenk. 12(6):645-658.
- Giaquinto-Mira, M.
1950. Notes on the geographical distribution and biology of Anophelinae and Culicinae in Ethiopia. Riv. Malariol. 29(5):281-313.
- Gibbins, E. G.
1931. Report by the laboratory assistant. Rep. Lab. Servs. Div. med. Dep. Uganda. pp. 24-28.
- Gibbins, E. G.
1932. Natural malaria infection of house-frequenting *Anopheles* mosquitoes in Uganda. Ann. trop. Med. Parasit. 26(3):239-266.
- Gibbins, E. G.
1933. Eggs of some Ethiopian *Anopheles* mosquitoes. Bull. ent. Res. 24(2):257-262.
- Gil Collado, J.
1936. Culicidos de la Isla de Fernando Poo recogidos por la expedicion J. Gil.-F. Bonst. Eos, Madr. 11(4):311-329.
- Gillett, J. D.
1945. The larva and pupa of *Taeniohynchus (Coquillettia) maculipennis*, Theobald. Bull. ent. Res. 35(4):395-397.

- Gilllett, J. D.
1946. Notes on the subgenus *Coquillettidia* Dyar (Diptera, Culicidae). Bull. ent. Res. 36(A): 425-438.
- Gilllett, J. D.
1949. Further notes on the Ethiopian species of *Taeniorhynchus* Arribaluaga (Diptera, Culicidae) Proc. R. ent. Soc. Lond. (B) 18(5-6):97-102.
- Gilllett, J. D.
1955. The male of *Anopheles* (*Nyaomyia*) *distinctus* var. *ugandae* Evans (Diptera: Culicidae). Proc. R. ent. Soc. Lond. (B) 24(1-2):36.
- Gilllett, J. D.
1957. Age analysis in the biting-cycle of the mosquito *Taeniorhynchus* (*Mansonioides*) *africanus* Theobald, based on the presence of parasitic mites. Ann. trop. Med. Parasit. 51(2):151-158.
- Gilllett, J. D. & R. W. Boss
1953. The laboratory transmission of yellow fever by the mosquito *Aedes* (*Stegomyia*) *irelandiae* Muspratt. Ann. trop. Med. Parasit. 47(4):367-370.
- Gillies, M. T.
1954. Studies in house leaving and outside resting of *Anopheles gambiae* Giles and *Anopheles funestus* Giles in East Africa. II. The exodus from houses and the house resting population. Bull. ent. Res. 45(2):375-387.
- Gillies, M. T.
1957. Age-groups and the biting cycle in *Anopheles gambiae*. A preliminary investigation. Bull. ent. Res. 48(3):553-559.
- Gillies, M. T.
1958. Notes on the biology of a new subspecies of *Anopheles wellcomei* (Diptera: Culicidae) from East Africa, and on the distribution of related forms. Proc. R. ent. Soc. Lond. (A) 33(1-3):9-14.
- Gillies, M. T.
1962. A new species of the *Anopheles funestus* complex (Diptera: Culicidae) from East Africa. Proc. R. ent. Soc. Lond. (B) 31(7-8):81-86.
- Gillies, M. T.
1963. Observations on nulliparous and parous rates in some common East African mosquitoes. Ann. trop. Med. Parasit. 57(4):435-442.
- Gillies, M. T.
1964. A new *Anopheles* (Diptera: Culicidae) from the East African coastal lowlands. Proc. R. ent. Soc. Lond. (B) 33(3-4):67-70.
- Gillies, M. T. & M. Furlong
1964. An investigation into the behaviour of *Anopheles parensis* Gillies at Malindi on the Kenya coast. Bull. ent. Res. 55(1):1-16.
- Gillies, M. T. & A. Smith
1960. The effect of a residual house-spraying campaign in East Africa on species balance in the *Anopheles funestus* group. The replacement of *A. funestus* Giles by *A. rivulorum* Lession. Bull. ent. Res. 51(2):243-252.
- Gillies, M. T. & T. J. Wilkes
1963. Observations on nulliparous and parous rates in a population of *Anopheles funestus* in East Africa. Ann. trop. Med. Parasit. 57(2):204-213.
- Gilroy, A. B. & I. J. Bruce-Cowatt
1945. Mosquito-control by swamp drainage in the coastal belt of Nigeria. Ann. trop. Med. Parasit. 39(1):19-40.

- Gonz, L. K. H.
1958. The productivity of various mosquito breeding places in the swamps of Uganda. Bull. ent. Res. 49(3):437-448.
- Gonz, L. K. H.
1960. The swamp-breeding mosquitoes of Uganda: records of larvae and their habitats. Bull. ent. Res. 51(1):77-94.
- Gonz, L. K. H.
1961. The swamp environment and the breeding of mosquitoes in Uganda. Proc. R. ent. Soc. Lond. (A) 36(1-3):27-36.
- Goodwin, W. J.
1961. A list of the mosquitoes of Libya. Mosquito News. 21(2):108-109.
- Gordon, R. M. & G. MacDonald
1930. The transmission of malaria in Sierra Leone. Ann. trop. Med. Parasit. 24(1):69-80.
- Gordon, R. M., E. P. Hicks, T. H. Davey & M. Watson
1932. A study of the house-haunting Culicidae occurring in Freetown, Sierra Leone; and of the part played by them in the transmission of certain tropical diseases, together with observations on the relationship of anophelines to housing, and the effects of anti-larval measures in Freetown. Ann. trop. Med. Parasit. 26(3):273-345.
- Gough, L. H.
1914. Preliminary notes on Egyptian mosquitoes. Bull. ent. Res. 5(2):133-135.
- Gretillat, S.
1962. Un molluscicide (zirame) actif contre les formes larvaires de Culicidae. Bull. World Hlth Org. 26(1):67-74.
- Grjebine, A.
1950. Un nouveau moustique forestier de la Basse Côte d'Ivoire *Eretmapodites pauliani* n. sp. Bull. Soc. Pat. exot. 43(1-2):45-50.
- Grjebine, A.
1954. Observations sur les nématocères vulnérants de Madagascar: régions de Majunga et de La Mandraka. Mém. Inst. sci. Madagascar (E) 4:443-502.
- Grjebine, A.
1956. Aperçu sommaire du peuplement anophélien de Madagascar. Bull. World Hlth Org. 15(3-5):593-611.
- Grjebine, A.
1960. Un nouvel anophèle de Madagascar. Bull. Soc. Pat. exot. 53(6):939-942.
(1961)
- Grjebine, A. & E. R. Brygoo
1958. Contribution à l'étude des moustiques de la région filarienne de la côte sud-est de Madagascar. Mém. Inst. sci. Madagascar (E) 9:291-306.
- Gruchet, H.
1962. Etude de l'âge physiologique des femelles d'*Anopheles funestus funestus* Giles dans la région de Miandrivazo, Madagascar. Bull. Soc. Pat. exot. 55(1):165-174.
- Grundy, J. H.
1945. A list of *Anopheles* concerned with transmission of disease in man. Trop. Dis. Bull. 42(7):517-522.
- Hadaway, A. B.
1950. Observations on mosquito behaviour in native huts. Bull. ent. Res. 41(1):63-78.
- Haddow, A. J.
1942. A note on the predatory larva of the mosquito *Culex (Lutzia) tigripes* Grandpré & Charney (Diptera). Proc. R. ent. Soc. Lond. (A) 17(7-9):73-74.

- Haddow, A. J.
1942a. The mosquito fauna and climate of native huts at Kisumu, Kenya. Bull. ent. Res. 33(2): 91-142.
- Haddow, A. J.
1946. The mosquitoes of Swamba County, Uganda. IV. Studies on the genus *Eretmapodites*. Theobald. Bull. ent. Res. 37(1):57-82.
- Haddow, A. J.
1948. The mosquitoes of Swamba County, Uganda. VI. Mosquito breeding in plant axils. Bull. ent. Res. 39(2):185-212.
- Haddow, A. J.
1950. A note on the occurrence of *Aedes (Stegomyia) simpsoni* Theobald in the canopy of rain-forest in Swamba County, Uganda. Ann. trop. Med. Parasit. 44(3):238-241.
- Haddow, A. J.
1956. Observations on the biting-habits of African mosquitoes in the genus *Eretmapodites* Theobald. Bull. ent. Res. 46(4):761-772.
- Haddow, A. J.
1961. Entomological studies from a high tower in Mpanga Forest, Uganda. VII. The biting behaviour of mosquitoes and Tabanids. Trans. R. ent. Soc. Lond. 113(11):315-335.
- Haddow, A. J.
1961a. Studies on the biting habits and medical importance of East African mosquitoes in the genus *Aedes*. II. Subgenera *Mucius*, *Diceromyia*, *Finlaya* and *Stegomyia*. Bull. ent. Res. 52(2):317-351.
- Haddow, A. J. & G. W. A. Dick
1948. Catches of biting Diptera in Uganda, with anesthetized monkeys as bait. Ann. trop. Med. Parasit. 42(3-4):271-277.
- Haddow, A. J. & A. F. Mahaffy
1949. The mosquitoes of Swamba County, Uganda. VII. Intensive catching on tree-platforms, with further observations on *Aedes (Stegomyia) africanus*, Theobald. Bull. ent. Res. 40(2):169-178.
- Haddow, A. J. & Y. Seenkubuge
1962. Laboratory observations on the oviposition-cycle in the mosquito *Anopheles (Cellia) gambiae* Giles. Ann. trop. Med. Parasit. 56(3):352-355.
- Haddow, A. J. & E. C. C. van Someren
1950. A new species of *Stegomyia* Theobald from the Ruwenzori Range, Uganda. Ann. trop. Med. Parasit. 44(3):281-284.
- Haddow, A. J., P. S. Corbet & J. D. Gillett
1961. Entomological studies from a high tower in Mpanga Forest, Uganda. I. Introduction. Trans. R. ent. Soc. Lond. 113(11):249-256.
- Haddow, A. J., J. D. Gillett & R. B. Highton
1947. The mosquitoes of Swamba County, Uganda. V. The vertical distribution and biting-cycle of mosquitoes in rain-forest, with further observations on microclimate. Bull. ent. Res. 37(3):301-330.
- Haddow, A. J., K. C. Smithburn, J. W. A. Dick, S. F. Kitchen & W. H. R. Lumsden
1948. Implication of the mosquito *Aedes (Stegomyia) africanus* Theobald in the forest cycle of yellow fever in Uganda. Ann. trop. Med. Parasit. 42(2):218-223.
- Haddow, A. J., E. C. C. van Someren, W. H. R. Lumsden, J. O. Harper & J. D. Gillett
1951. The mosquitoes of Swamba County, Uganda. VIII. Records of occurrence, behavior and habitat. Bull. ent. Res. 42(2):207-238.
- Halcrow, J. G.
1956. Ecology of *Anopheles gambiae* Giles. Nature, Lond. 177(4520):1103-1105.

- Hamon, J.
1953. Apparition à la réunion d'une résistance au DDT chez *Culex fatigans* Wiedemann, principal vecteur de la filariose à *Wuchereria bancrofti* dans l'île. Bull. Soc. Pat. exot. 46(3): 454-463.
- Hamon, J.
1954. Contribution à l'étude des culicidés de la région de Bamako (Soudan français) Bull. Soc. Pat. exot. 47(1):178-185.
- Hamon, J.
1954a. Contribution à l'étude des Culicidés de la région de Bobo Dioulasso (Haute-Volta). Ann. Parasit. hum. comp. 29(5-6):573-587.
- Hamon, J.
1954b. Contribution à l'étude des Culicidés de la région de Porto Novo (Bas-Dahomey). Ann. Parasit. hum. comp. 29(5-6):588-594.
- Hamon, J.
1954c. Étude biologique et systématique des Culicidae de l'île de la réunion. Mém. Inst. sci. Madagascar (E) 4:521-541.
- Hamon, J.
1954. Contribution à l'étude des Culicidés d'Afrique Occidentale. Bull. Soc. Pat. exot. 47(5): (1955) 672-678.
- Hamon, J.
1954. Contribution à l'étude des Culicidés d'Afrique Occidentale. Bull. Soc. Pat. exot. (1955)a. 47(6):835-839.
- Hamon, J.
1956. Seconde note sur la biologie des moustiques de l'île de la Réunion. Ann. Parasit. hum. comp. 31(5-6):598-606.
- Hamon, J.
1957. Deux moustiques nouveaux de Côte d'Ivoire: *Aedes (Aedimorphus) falabreguasi* sp. n. (1958) *Culex (Culex) castelli* sp. n. Bull. Soc. Pat. exot. 50(5):685-691.
- Hamon, J.
1961. Les *Eretmapodites* du groupe *Oedipodius* Graham. I. Descriptions complémentaires et position systématique des six sous-espèces actuellement connues. Bull. Soc. Pat. exot. 54(4):892-906.
- Hamon, J.
1962. Description de deux nouveaux *Eretmapodites* (Diptera, Culicidae) capturés en Uganda: *E. vansomereni* sp. n. et *E. corbeti* sp. n. Bull. Soc. Pat. exot. 55(2):253-259.
- Hamon, J. & J. P. Adam
1955. Contribution à l'étude des Culicidés (Dipteres) d'Afrique: Description de *Harpagomyia moucheti* sp. n. Bull. Soc. Pat. exot. 48(6):882-885.
- Hamon, J. & J. P. Adam
1958. Description complémentaire d'*Eretmapodites pauliani* Grjebine, 1950 (Diptera, Culicidae). (1959) Bull. Soc. Pat. exot. 51(4):527-529.
- Hamon, J. & J. P. Adam
1958. Description de deux nouveaux *Aedes* appartenant au groupe *tarsalis* Newstead en Basse (1959)a. Côte d'Ivoire (A. O. F.): *A. (Aedimorphus) reali* sp. n. et *A. (Aedimorphus) nyomae* sp. n. Bull. Soc. Pat. exot. 51(4):530-534.
- Hamon, J. & J. P. Adam
1959. Description de deux nouveaux *Aedes* de Côte d'Ivoire appartenant au sous-genre *Aedimorphus*: *A. ouazai* sp. n. et *A. rickenbachii* sp. n. Bull. Soc. Pat. exot. 52(2):147-154.

- Hamon, J. & A. Gândara
1955 Contribution à l'étude des Culicidés (Diptères) de la région Éthiopienne: Description
(1956) de *Culex (Culicomyia) oombourmaoi* n. sp. Bull. Soc. Pat. exot. 48(6):866-872.
- Hamon, J. & R. Le Berre
1961. Description de la larve et de la nymphe d'*Aedes (Aedimorphus) mattinglyi* Hamon et Rickenbach 1954. Bull. Soc. Pat. exot. 54(4):718-723.
- Hamon, J. & J. Mouchet
1955 Contribution à l'étude des *Neoculex* (Diptères: Culicidés) de la région Éthiopienne. II.
(1956) Description de *Neoculex adami* sp. n. Bull. Soc. Pat. exot. 48(6):860-862.
- Hamon, J. & J. Mouchet
1961. Les vecteurs secondaires du paludisme humain en Afrique. Méd. trop. 21:643-660.
- Hamon, J. & A. Rickenbach
1954 Contribution à l'étude des Culicidés d'Afrique Occidentale. Bull. Soc. Pat. exot. 47(6):
(1955) 930-941.
- Hamon, J. & A. Rickenbach
1955 Contribution à l'étude des *Neoculex* (Diptères: Culicidés) de la région Éthiopienne. I.
(1956) Corrections de quelques descriptions de terminalia males données par Edwards, avec étude d'une nouvelle variété. Bull. Soc. Pat. exot. 48(6):848-859.
- Hamon, J. & E. C. C. van Someren
1961. Description de deux nouveaux moustiques du Tanganyika: *Culex (Culicomyia) gilliesi* sp. n. et *Eretmapodites mattinglyi* sp. n. Bull. Soc. Pat. exot. 54(4):724-731.
- Hamon, J. & E. C. C. van Someren
1961a. Les *Eretmapodites* du groupe *Oedipodius* Graham. II. Description de *E. grenieri* sp. n. et cle de détermination des espèces et sous-espèces du groupe *Oedipodius*. Bull. Soc. Pat. exot. 54(4):907-913.
- Hamon, J., J. P. Adam & A. Grjebine
1956. Observations sur la répartition et le comportement des anophèles de l'Afrique équatoriale française, du Cameroun et de l'Afrique occidentale. Bull. World Health Org. 15(3-5): 549-591.
- Hamon, J., J. P. Adam & J. Mouchet
1955 Contribution à l'étude des *Neoculex* (Diptères: Culicidés) de la région Éthiopienne.
(1956) III. Description de *Neoculex laplantei* sp. n. Bull. Soc. Pat. exot. 48(6):862-866.
- Hamon, J., B. Dedewanou & M. Fyraud
1962. Études entomologiques sur la transmission du paludisme humain dans une zone forestière africaine, la région de Man, République de Côte d'Ivoire. Bull. Inst. franç. Afr. noire. (A) 24(3):854-879.
- Hamon, J., P. Deveny, A. Rickenbach & G. Causse
1956a. Contribution à l'étude des moustiques de la Casamance. Ann. Parasit. hum. comp. 31(5-6):607-618.
- Hamon, J., M. Fyraud, S. Sales & J. F. Adam
1958. Observations sur le niveau de sensibilité au DDT, au dieldrin et au HCH de *Culex pipiens* sp. *fatigans* dans la Région de Bobo-Dioulasso, Haute-Volta, Afrique Occidentale Française. Bull. Soc. Pat. exot. 51(3):393-404.
- Hamon, J., M. Holstein & E. Rivois
1957 Description d'un nouveau moustique du Congo Belge: *Culex (Neoculex) vinokai* sp. n.
(1958) Bull. Soc. Pat. exot. 50(5):681-685.
- Hamon, J., A. Rickenbach & P. Robert
1956b. Seconde contribution à l'étude des moustiques du Dahomey avec quelques notes sur ceux du Togo. Ann. Parasit. hum. comp. 31(5-6):619-635.

- Hamon, J., M. W. Service, J. P. Adam & R. Taufflieb
1961. Observations sur les *Aedes* (*Aedimorphus*) du groupe *tarsalis* Newstead avec description d'une nouvelle espèce: *Aedes grenieri* n. sp. Bull. Soc. Pat. exot. 54(2):375-388.
- Hamon, J., R. Taufflieb & A. Dyenkouma
1961a. Observations sur la variabilité d'*Anopheles rufipes*, Gough, 1910, avec description d'une nouvelle variété. Bull. Soc. Pat. exot. 54(1):24-28.
- Hamon, J., R. Taufflieb & L. Maillot
1957 Description d'*Aedes* (*Aedimorphus*) *grjebinei* sp. n. accompagnée de quelques données (1958)a. nouvelles sur les moustiques d'A. E. F. Bull. Soc. Pat. exot. 50(5):692-696.
- Hanney, P. W.
1960. The mosquitoes of Zaria Province, Northern Nigeria. Bull. ent. Res. 51(1):145-171.
- Hargreaves, H.
1932. Annual report of the government entomologist. Medical. Rep. Dep. Agric. Uganda, 1931. (2):47-58.
- Hargreaves, H.
1937. Annual report of the government entomologist for 1936. Rep. med. Dep. Uganda 1936 pp. 79-80.
- Harper, J. O.
1947. A mosquito survey of Mahé Seychelles. E. Afr. med. J. 24(1):25-29.
- Harris, E.
1961. Ecology and malaria in the Niger Delta. Ann. trop. Med. Parasit. 55(3):337-342.
- Harris, W. V.
1942. Notes on culicine mosquitoes in Tanganyika Territory. Bull. ent. Res. 33(3):181-193.
- Haworth, W. E.
1922. Correspondence. Trans. R. Soc. trop. Med. Hyg. 16(3):201
- Haworth, W. E.
1924. Mosquitoes and coconut palms. A mosquito survey of palm trees in East Africa and the problems resulting therefrom. Trans. R. Soc. trop. Med. Hyg. 18(4):162-196.
- Heckenroth, F. & M. Blanchard
1913. Transmission du *Trypanosoma gambiense* par des moustiques (*Mansonia uniformis*). Bull. Soc. Pat. exot. pp. 442-443.
- Heisch, R. B.
1947. Two years medical work in the Northern Frontier District, Kenya Colony. E. Afr. med. J. 24(1):3-15.
- Heisch, R. B. & J. O. Harper
1949. An epidemic of malaria in the Kenya highlands transmitted by *Anopheles funestus*. J. trop. Med. (Hyg.) 52(9):187-190.
- Heisch, R. B., H. H. Goins & M. Ikuta
1956. A new vector of filariasis in East Africa. Trans. R. Soc. trop. Med. Hyg. 50(4):421-422.
- Heisch, R. B., G. S. Nelson & M. Furlong
1959. Studies in filariasis in East Africa. 1. Filariasis on the Island of Pate, Kenya. Trans. R. Soc. trop. Med. Hyg. 53(1):41-53.
- Henderson, L. H.
1932. Some observations on the incidence of malaria amongst the Nilotic tribes. Trans. R. Soc. trop. Med. Hyg. 25(4):281-286.

Hicks, E. F.

1932. The transmission of *Wuchereria bancrofti* in Sierra Leone. Ann. trop. Med. Parasit. 26(3):407-422.

Holstein, M.

1949. Études sur anophélisme en A. O. F. I. Soudan français, A. Bamako. Bull. Soc. Pat. exot. 42(7-8):374-378.

Holstein, M.

1950. Un nouveau vecteur du paludisme en A. O. F. *Anopheles rufipes* (Gough 1910). Bull. Soc. Pat. exot. 43(3-4):140-143.

Holstein, M.

1953. Enquêtes épidémiologiques sur le paludisme dans le cercle de Bobo-Dioulasso (Haute-Volta, 1949-1950). Acta trop., Basel. 10(2):113-125.

Holstein, M.

- 1953a. Notes et informations: Études sur l'anophélisme en A. O. F. 2. Présence d'*Anopheles wellcomei* Theo. 1904. Ann. Parasit. hum. comp. 28(4):328-330.

Hopkins, G. H. E.

1936. Mosquitoes of the Ethiopian Region. I. Larval bionomics of mosquitoes and taxonomy of culicine larvae. British Museum of Natural History, London. 250 p.

Hopkins, G. H. E.

1942. Modern methods for the control of mosquitoes and malaria. E. Afr. agric. J. 7(4):212-219, 8(1):42-46.

Hopkins, G. H. E.

1952. Mosquitoes of the Ethiopian Region. I. Larval bionomics of mosquitoes and taxonomy of Culicini larvae. (2nd edition) British Museum of Natural History, London. 355 p.

Huehna, E. R.

1953. Filariasis in Mauritius. Trans. R. Soc. trop. Med. Hyg. 47(6):549-555.

Hurlbut, H. S.

1956. West Nile virus infection in arthropods. Amer. J. trop. Med. Hyg. 5(1):76-85.

Hurlbut, H. S. & B. Weitz

1956. Some observations on the bionomics of the common mosquitoes of the Nile Delta. Amer. J. trop. Med. Hyg. 5(5):901-903.

Ingram, A.

1912. Notes on the mosquitoes observed at Ede, Northern Territories, Gold Coast. Bull. ent. Res. 3(1):73-78.

Ingram, A.

1919. The domestic breeding mosquitoes of the Northern Territories of the Gold Coast. Bull. ent. Res. 10(1):47-58.

Ingram, A. & B. de Meillon

1927. A mosquito survey of certain parts of South Africa, with special reference to the carriers of malaria and their control. Part I. Publ. S. Afr. Inst. med. Res. 4(22): 81 p.

Ingram, A. & J. W. S. Macfie

1917. The early stages of certain West African mosquitoes. Bull. ent. Res. 8(2):135-154.

Ingram, A. & J. W. S. Macfie

1919. The early stages of West African mosquitoes. IV. Bull. ent. Res. 10(1):59-69.

Ingram, A. & J. W. S. Macfie

1924. The mosquitoes of Accra. Ann. trop. Med. Parasit. 18(3):263-264.

- Innes, F. A.
1924. Sanitation. Annu. med. (sanit.) Rep. Gambia, 1923. pp. 9-15.
- Iyengar, R.
1962. The bionomics of salt-water *Anopheles gambiae* in East Africa. Bull. World Hlth Org. 27(2):223-229.
- Jackson, N.
1953. Observations on the feeding habits of a predaceous mosquito larva, *Culex (Lutzia) tigripes* Grandpré and Charnoy (Diptera). Proc. R. ent. Soc. Lond. (A) 28(10-12):153-159.
- Jannone, G., G. Ferro-Luzzi & L. Mara
1946. Risultati de una spedizione tecnico-scientifica nella Dancalia settentrionale esterna. (Studio agrario, entomologico, malarilogico e di fisiologia alimentare.) Boll. Soc. ital. Med., Sez. Eritrea. (2) 167 p.
- Johnston, J. E. L.
1916. A summary of an entomological survey of Kaduna District, Northern Nigeria. Bull. ent. Res. 7(1):19-28.
- Jojot, C.
1921. Le secteur de prophylaxie de la maladie du sommeil du Haut-Nyong (Cameroun). Ann. Méd. Pharm. colon. 19(4):423-442.
- Joncour, G.
1956. La lutte contre le paludisme à Madagascar. Bull. World Hlth Org. 15(3-5):711-723.
- Jordan, P. & K. D. Goatly
1962. Bancroftian filariasis in Tanganyika: a quantitative study of the uptake, fate and development of microfilariae of *Wuchereria bancrofti* in *Culex fatigans*. Ann. trop. Med. Parasit. 56(2):173-187.
- Joyeux, C.
1915. Sur quelques arthropodes récoltés en Haute-Guinée française. Bull. Soc. Pat. exot. 8(9):656-659.
- Jumier, B.
1959. Note sur l'anophélisme en Tunisie. Arch. Inst. Pasteur Tunis. 36(1):37-42.
- Kartman, L., E. H. Newcomb, E. J. Campau & F. D. Morrison
1947. Mosquitoes collected in Dakar, French West Africa, incidental to army malaria surveys. Mosquito News. 7(3):110-115.
- Kauntze, W. H. & C. B. Symes
1933. Anophelines and malaria at Taveta. Rec. med. Res. Lab. Nairobi. (5) 26 p.
- Kerr, J. A.
1932. Studies on the transmission of experimental yellow fever by *Culex thalassius* and *Mansonia uniformis*. Ann. trop. Med. Parasit. 26(2):119-127.
- Kerr, J. A.
1953. Studies on the abundance, distribution and feeding habits of some West African mosquitoes. Bull. ent. Res. 24:493-510.
- Kirkpatrick, T. W.
1924. Preliminary notes on the determination of Egyptian mosquitoes, with descriptions of three species new to science. Bull. Soc. ent. Egypte. 8:362-391.
- Kirkpatrick, T. W.
1925. The mosquitoes of Egypt. Egypt. Govt., Anti-Malaria Commis. 224 p.
- Kokernot, E. H., B. M. McIntosh, C. Brooke Worth, T. de Morsis & M. P. Weinbran
1962. Isolation of viruses from mosquitoes collected at Lumbo, Mozambique. I. Lumbo virus, a new virus isolated from *Aedes (Skusea) pemboensis* Theobald. Amer. J. trop. Med. Hyg. 11(5):678-682.

- Innes, F. A.
1924. Sanitation. Annu. med. (sanit.) Rep. Cambia, 1923. pp. 9-15.
- Iyengar, R.
1962. The bionomics of salt-water *Anopheles gambiae* in East Africa. Bull. World Hlth Org. 27(2):223-229.
- Jackson, N.
1953. Observations on the feeding habits of a predaceous mosquito larva, *Culex (Lutzia) tigripes* Grandpré and Charvay (Diptera). Proc. R. ent. Soc. Lond. (A) 28(10-12):153-159.
- Jannone, G., G. Ferro-Luzzi & L. Mara
1946. Risultati de una spedizione tecnico-scientifica nella Danalia settentrionale esterna. (Studio agrario, entomologico, malarilogico e di fisiologia alimentare.) Boll. Soc. ital. Med., Sez. Eritrea. (2) 167 p.
- Johnston, J. E. L.
1916. A summary of an entomological survey of Kaduna District, Northern Nigeria. Bull. ent. Res. 7(1):19-28.
- Jojot, C.
1921. Le secteur de prophylaxie de la maladie du sommeil du Haut-Nyong (Cameroon). Ann. Méd. Pharm. colon. 19(4):423-442.
- Joncour, G.
1956. La lutte contre le paludisme à Madagascar. Bull. World Hlth Org. 15(3-5):711-723.
- Jordan, P. & K. D. Goatly
1962. Bancroftian filariasis in Tanganyika: a quantitative study of the uptake, fate and development of microfilariae of *Wuchereria bancrofti* in *Culex fatigans*. Ann. trop. Med. Parasit. 56(2):173-187.
- Joyeux, C.
1915. Sur quelques arthropodes récoltés en Haute-Guinée française. Bull. Soc. Pat. exot. 8(9):656-659.
- Jumier, B.
1959. Note sur l'anophélisme en Tunisie. Arch. Inst. Pasteur Tunis. 36(1):37-42.
- Kartman, L., E. H. Newcomb, E. J. Campau & F. D. Morrison
1947. Mosquitoes collected in Dakar, French West Africa, incidental to army malaria surveys. Mosquito News. 7(3):110-115.
- Kautze, W. H. & C. B. Symes
1933. Anophelines and malaria at Taveta. Rec. med. Res. Lab. Nairobi. (5) 26 p.
- Kerr, J. A.
1932. Studies on the transmission of experimental yellow fever by *Culex thalassius* and *Mansonia uniformis*. Ann. trop. Med. Parasit. 26(2):119-127.
- Kerr, J. A.
1933. Studies on the abundance, distribution and feeding habits of some West African mosquitoes. Bull. ent. Res. 24:493-510.
- Kirkpatrick, T. W.
1924. Preliminary notes on the determination of Egyptian mosquitoes, with descriptions of three species new to science. Bull. Soc. ent. Egypte. 8:362-391.
- Kirkpatrick, T. W.
1925. The mosquitoes of Egypt. Egypt. Govt., Anti-Malaria Commis. 224 p.
- Kokernot, R. H., B. M. McIntosh, C. Brooke Worth, T. de Morsis & M. P. Weinbran
1962. Isolation of viruses from mosquitoes collected at Lumbo, Mozambique. I. Lumbo virus, a new virus isolated from *Aedes (Stuxea) pembaensis* Theobald. Amer. J. trop. Med. Hyg. 11(5):678-682.

- Kokernot, R. H., B. M. McIntosh, C. Brooke Worth & J. de Sousa
1962a. Isolation of viruses from mosquitoes collected at Lumbo, Mozambique. II. Mosuril virus, a new virus isolated from the *Culex (Culex) sitiens* Wiedemann group. Amer. J. trop. Med. Hyg. 11(5):683-684.
- Kokernot, R. H., K. C. Smithburn, M. E. Paterson & B. M. McIntosh
1960. Isolation of Germiston virus, a hitherto unknown agent, from culicine mosquitoes, and a report of infection in two laboratory workers. Amer. J. trop. Med. Hyg. 9(1):62-69.
- Kremer, M.
1960. Sur quelques culicides de Guinee. Ann. Parasit. hum. comp. 35(3):615-618.
- Kuhlow, F.
1962. Field experiments on the behaviour of malaria vectors in an unsprayed hut and in a hut sprayed with DDT in Northern Nigeria. Bull. World Hlth Org. 26(1):93-102.
- Kumm, H. W.
1929. The geographical distribution of the malaria carrying mosquitoes. A collection of recorded material in the literature and personal communications to the author. Amer. J. Hyg. (10) 178 p.
- Kumm, H. W.
1931. The geographical distribution of the yellow fever vectors. A compilation of material recorded in the literature, unpublished communications and certain collections made by the author in Nigeria, West Africa. Amer. J. Hyg. (12) 110 p.
- Laarman, J. J.
1958. Research on the ecology of culicine mosquitoes in a forest region of the Belgian Congo. Acta Leidensia. 28:94-98.
- Laarman, J. J.
1959. A new species of *Anopheles* from a rain-forest in Eastern Belgian Congo. Acta Leidensia. 29:200-211.
- Laarman, J. J.
1959a. Culicidae d'Irangi. Acta Leidensia. 29:212-213.
- Lacan, A.
1954. L'anophélisme des plateaux de Madagascar en 1952. Mém. Inst. sci. Madagascar (E) 4:503-519.
- Lacan, A.
1958. Les *Anopheles* de l'Afrique Equatoriale française et leur repartition. Ann. Parasit. hum. comp. 33(1-2):130-170.
- La Face, L.
1937. Fauna anofelinica delle colonie italiane. Riv. Parasit. 1(1):120 p.
- Lamborn, W. A.
1925. The seasonal habit of the common anophelines of Nyasaland, with a note on its relation to the seasonal incidence of malaria. Bull. ent. Res. 15(4):361-376.
- Lambrecht, F. L. & A. Zaghi
1960. Observations sur la ponte des Culicides dans la forêt ombrophile d'Irangi, Congo Belge. Rev. Zool. Bot. afr. 61(1-2):87-97.
- Langeron, M.
1918. Morphologie et biologie de la larve de *Theobaldia spathipalpis*, Rondani, 1872. Bull. Soc. Pat. exot. 11(2):98-104.
- Langeron, M.
1918a. La larve d'*Anopheles chaudoyei* (Theobald, 1903). Bull. Soc. Pat. exot. 11(4):291-297.
- Langeron, M.
1938. Anophèles du grand atlas et de l'anti-atlas marocains. C. R. Acad. Sci., Paris. 207(3):260-262.

- Laurence, B. R.
1960. The biology of two species of mosquito, *Mansonia africana* (Theobald) and *Mansonia uniformis* (Theobald), belonging to the subgenus *Mansonioides* (Diptera, Culicidae). Bull. ent. Res. 51(3):491-517.
- Le Berre, R. & J. Hamon
1960 Description de la larve, de la nymphe et de la femelle d'*Aedes* (*Neomelanimon*) *jamoti*
(1961) Hamon et Rickenbach 1954, et révision des clés de détermination concernant le sous-genre (*Neomelanimon*) en Afrique au Sud du Sahara. Bull. Soc. Pat. exot. 53(6):1054-1064.
- Lebrun, A. J.
1963. Jungle yellow fever and its control in Gomana, Belgian Congo. Amer. J. trop. Med. Hyg. 12(3):398-407.
- Leeson, H. S.
1927. Preliminary notes on the Anophelini of Southern Rhodesia. S. Afr. J. Sci. 24:424-428.
- Leeson, H. S.
1930. A new variety of *Anopheles finestus*, Giles, from Southern Rhodesia. Bull. ent. Res. 21(2):125-126.
- Leeson, H. S.
1935. Another anopheline of the *finestus* series from Southern Rhodesia. Ann. trop. Med. Parasit. 29(1):69-71.
- Leeson, H. S.
1937. The mosquitoes of the *finestus* series in East Africa. Bull. ent. Res. 28(4):587-603.
- Leeson, H. S.
1958. An associated catalogue of the culicine mosquitoes of the Federation of Rhodesia and Nyasaland and neighbouring countries, together with locality records for Southern Rhodesia. Trans. R. ent. Soc. Lond. 110(2):21-51.
- Leeson, H. S. & O. Theodor
1948. Mosquitoes of Socotra. Bull. ent. Res. 39(2):221-229.
- Le Gac, P., P. Seite & G. Combescot de Marsaguet
1945. Etude sur le paludisme à Ouagadougou. Bull. Soc. Pat. exot. 38(7-8):201-216.
- Le Gall, R.
1944. Le paludisme en Afrique Occidentale Française, au Togo et à Madagascar en 1941. Bull. Off. int. Hyg. publ. 36(5-6):203-224.
- Legendre, J.
1918. Note sur les *Stegomyia* de Tanatave. C. R. Soc. Bio., Paris. 81(16):832-833.
- Legendre, J.
1924. Des variations dans le trophisme des Culicidae. C. R. Acad. Sci., Paris. 178(4):423-425.
- Legendre, J.
1927. Races de *Stegomyia fasciata* et fièvre jaune. C. R. Acad. Sci., Paris. 185(22):1224-1226.
- Legendre, J.
1928. Le paludisme chez les Européens en Haute-Volta. Bull. Soc. Pat. exot. 21(3):207-210.
- Leleup, N.
1950. Considérations sur l'éthologie et la dispersion actuelle des anophèles cavernicoles du Congo belge. Rev. Zool. Bot. afr. 43(3-4):353-355.
- Leleup, N.
1952. Un anophèle cavernicole nouveau du Kibali-Ituri: *Anopheles faini* n. sp. Rev. Zool. Bot. afr. 46(1-2):151-158.

- Lewis, D. J.
1942. The early stages of *Aedes taylori* Edwards and *A. furcifer* Edwards (Dipt., Culicidae). Proc. R. ent. Soc. Lond. (B) 11(10):153-154.
- Lewis, D. J.
1942a. A new species of *Aedes* (Dipt., Culicidae) from Eritrea. Proc. R. ent. Soc. Lond. (B) 11(11):165-166.
- Lewis, D. J.
1943. Mosquitoes in relation to yellow fever in the Suba Mountains, Anglo-Egyptian Sudan. Ann. trop. Med. Parasit. 17(1):65-76.
- Lewis, D. J.
1943a. The culicine mosquitoes of Eritrea. Bull. ent. Res. 34(4):279-283.
- Lewis, D. J.
1944. A new subspecies of *Aedes Lessoni* Edwards (Dipt., Culicidae) from the Sudan. Proc. R. ent. Soc. Lond. (B) 13(1-2):27-29.
- Lewis, D. J.
1944a. Observations of *Anopheles gambiae* and other mosquitoes at Wadi Halfa. Trans. R. Soc. trop. Med. Hyg. 38(3):215-229.
- Lewis, D. J.
1945. Observations on the distribution and taxonomy of Culicidae (Diptera) in the Sudan. Trans. R. ent. Soc. Lond. 95(1):1-24.
- Lewis, D. J.
1947. General observations on mosquitoes in relation to yellow fever in the Anglo-Egyptian Sudan. Bull. ent. Res. 37(4):543-566.
- Lewis, D. J.
1948. The mosquitoes of the Jebel Auliya Reservoir on the White Nile. Bull. ent. Res. 39(1):133-157.
- Lewis, D. J.
1949. Tracheal gills in some African culicine mosquito larvae. Proc. R. ent. Soc. Lond. (A) 24(4-6):60-66.
- Lewis, D. J.
1953. The *Stegomyia* mosquitoes of the Anglo-Egyptian Sudan. Ann. trop. Med. Parasit. 47(1):51-61.
- Lewis, D. J.
1954. *Culex* mosquitoes of subgenera other than *Culex* in the Anglo-Egyptian Sudan. Ann. Mag. nat. Hist. 12(7):7-12.
- Lewis, D. J.
1955. The *Aedes* mosquitoes of the Sudan. Ann. trop. Med. Parasit. 49(2):164-173.
- Lewis, D. J.
1956. The anopheline mosquitoes of the Sudan. Bull. ent. Res. 47(3):475-494.
- Lewis, D. J.
1956a. The *Culex* mosquitoes of the Sudan. Bull. ent. Res. 47(4):703-721.
- Lewis, D. J.
1956b. Some mosquitoes of the Sudan. Bull. ent. Res. 47(4):723-735.
- Lewis, D. J.
1956c. The medical entomology of the Tonkolili Valley, Sierra Leone. Ann. trop. Med. Parasit. 50(3):299-313.
- Lewis, D. J.
1958. Some mosquitoes of the Blue Nile Valley in the Republic of the Sudan. Bull. ent. Res. 49(1):133-155.

- Lewis, D. J., T. P. Hughes & A. P. Mahaffy
1942. Experimental transmission of yellow fever by three common species of mosquitoes from the Anglo-Egyptian Sudan. *Ann. trop. Med. Parasit.* 36(1-2):34-38.
- Lips, M.
1959. *Anopheles* of the Belgian Congo. 1. Species peculiar to Katanga. References. Collections. Distribution and present medical importance. *Riv. Parasit.* 20(3):165-189.
- Lips, M.
1960. *Anopheles* of the Belgian Congo. 2. Some species of the fringing forest. *Riv. Parasit.* 21(1):39-64.
- Lips, M.
1960a. *Anopheles* of the Congo. 3. Fauna of caves and anfractuosités. References-collection data-distribution and present medical importance. *Riv. Parasit.* 21(4):289-306.
- Lips, M.
1961. *Anopheles* of the Congo (ex-Belgian). 4. Some forest species. References, collections, distribution and present medical importance. *Riv. Parasit.* 22(3):215-230.
- Lips, M.
1961a. *Anopheles* of the Congo (ex-Belgian). 5. *A. brumpti* Theobald 1910 and *A. paludis* Theobald 1900, vectors of human malaria. *Riv. Parasit.* 22(4):275-295.
- Lips, M.
1962. *Anophèles* du Congo (ex-Belge). 6. Quelques espèces et variétés du groupe *ocoustani* (*Myzorhynchus*). Références-récoltes-répartition et importance médicale actuelle. *Riv. Parasit.* 23(1):33-59.
- Lips, M.
1962a. *Anophèles* du Congo (ex-Belge). 7. Quelques espèces des groupes *Cellia* et *Neocellia*. Références-récoltes-répartition et importance médicale actuelle. *Riv. Parasit.* 23(2):107-134.
- Lips, M. & J. Hamon
1956. Contribution à l'étude des Culicides d'Afrique: description de la larve et de la nymphe de *Taeniorhynchus* (*Coquillettidia*) *flavocinctus* Edwards, 1936. *Bull. Soc. Pat. exot.* 49(1):86-89.
- Logan, J. A., et al.
1953. The Sardinian Project: An experiment in the eradication of an indigenous malarious vector. The Johns Hopkins Press, Baltimore. 415 p.
- Lozano Morales, A.
1945. Nuevo metodo de diseccion de las glandulas salivares en relacion con el indice esporozoítico. *Rev. Sanid. Hig. públ. Madr.* 19:675-677.
- Lumsden, W. H. R.
1951. Probable insect vectors of yellow fever virus, from monkey to man, in Bwamba county, Uganda. *Bull. ent. Res.* 42(2):317-330.
- Lumsden, W. H. R.
1952. The crepuscular biting activity of insects in the forest canopy in Bwamba, Uganda. A study in relation to the sylvan epidemiology of yellow fever. *Bull. ent. Res.* 42(4):721-760.
- Lumsden, W. H. R.
1955. An epidemic of virus disease in Southern Province, Tanganyika Territory, in 1952-53. II. General description and epidemiology. *Trans. R. Soc. trop. Med. Hyg.* 49(1):33-57.
- Lumsden, W. H. R.
1955a. Entomological studies, relating to yellow fever epidemiology, at Gede and Taveta, Kenya. *Bull. ent. Res.* 46(1):149-183.

Lumsden, W. H. R.

1957. The activity cycle of domestic *Aedes (Stegomyia) aegypti* (L.) (Dipt., Culicid.) in Southern Province, Tanganyika. Bull. ent. Res. 48(4):769-782.

Lumsden, W. H. R.

1958. Periodicity of biting behaviour of some African mosquitoes. 10th Int. Congr. Ent. 3: 785-790.

Macan, T. T.

1942. A key to the anopheline mosquitoes of the Mediterranean Region and the lands adjoining the Red Sea and the Persian Gulf. Jl. R. Army med. Cps. 79(1):1-11.

Macfie, J. W. S. & A. Ingram

1916. New culicine larvae from the Gold Coast. Bull. ent. Res. 7(1):1-18.

Macfie, J. W. S. & A. Ingram

- 1916a. The domestic mosquitoes of Accra. Bull. ent. Res. 7(2):161-177.

Macfie, J. W. S. & A. Ingram

1917. Observations on malaria in the Gold Coast Colony, West Africa. Ann. trop. Med. Parasit. 11(1):1-26.

Macfie, J. W. S. & A. Ingram

1920. The early stages of West African mosquitoes. V. *Culex deane*, Theo., and *Culex invidiosus*, Theo. Bull. ent. Res. 11(2):105-112.

Macfie, J. W. S. & A. Ingram

1923. Certain nurseries of insect life in West Africa. Bull. ent. Res. 13(3):291-294.

Macfie, J. W. S. & A. Ingram

- 1923a. The early stages of West African mosquitoes. VI. Bull. ent. Res. 13(4):409-442.

MacGregor, M. E.

1927. Mosquito surveys. Baillière, Tindall & Cox, London. 282 p.

Mackay, R.

1935. Report on work done at Dar es Salaam during the period January 1932-January 1934. Cr. Ag. Colon., London. 79 p.

Maffi, M.

1960. La malaria nelle regioni del Mudugh e della Migiurtinia, Somalia. Riv. Malariol. 39(1-3):21-118.

Maffi, M.

- 1960a. Focolaio larvale di *A. gambiae* e di *A. squarrosus* in raccolta d'acqua salata, a Busc Busc (fascia costiera del basso Oltre Giuba). Primo reperto in Somalia. Riv. Malariol. 39(1-3):131-133.

Maffi, M.

1962. Contributo alla conoscenza di *Anopheles (Myzomyia) lloreti* Gil Collado. Riv. Malariol. 41(1-3):63-68.

Maffi, M. & M. Coluzzi

1960. *Anopheles macmahoni* Evans, nella regione della Migiurtinia, Somalia. Riv. Malariol. 39(1-3):119-129.

Mahaffy, A. F., K. C. Smithburn, H. R. Jacobs & J. D. Gillett

1942. Yellow fever in western Uganda. Trans. R. Soc. trop. Med. Hyg. 36(1):9-20.

Manson-Bahr, P.

1920. Experiences of malaria in the Egyptian Expeditionary Force. Lancet. (5028):79-85.

Manson-Bahr, P.

1959. The story of *Filaria bancrofti*. A critical review. J. trop. Med. (Hyg.) 62(6):138-145.

- Mera, L.
1946. Considerazioni sul rinvenimento dell'*Aedes aegypti* L. (Dip., Aedinae) ad altitudini d'eccezione e brevi note sulla fauna culicidica del M. Bizen (Eritrea, A. O.). Boll. Soc. Ital. Med., Sez. Eritrea. 5(5-6):189-198.
- Marneffe, H. & J. Sautet
1944. Infestation sporozoitique naturelle d'*Anopheles gambiae*, Giles, 1902, au Soudan français. Bull. Soc. Pat. exot. 37(9-10):315-316.
- Masseguin, A. & A. Palinacci
1954. Parasitisme des glandes salivaires d'un *Anopheles gambiae*, par un spirochète. Bull. Soc. Pat. exot. 47(3):391-392.
- Mastbaum, O.
1954. Observations of two epidemic malaria seasons (1946 and 1953)—before and after malaria control—in Swaziland. Trans. R. Soc. trop. Med. Hyg. 48(4):325-331.
- Mattingly, P. F.
1947. Notes on the early stages of certain Ethiopian mosquitoes, with some locality records from British West Africa. Ann. trop. Med. Parasit. 41(2):239-252.
- Mattingly, P. F.
1949. Notes on a collection of mosquitoes (Diptera: Culicidae) from Ruanda-Urundi. Ann. Soc. belge Méd. trop. 29(1):29-35.
- Mattingly, P. F.
1949a. Studies on West African forest mosquitoes. Part I. The seasonal distribution, biting cycle and vertical distribution of four of the principal species. Bull. ent. Res. 40(1):149-168.
- Mattingly, P. F.
1949b. Studies on West African forest mosquitoes. Part II. The less commonly occurring species. Bull. ent. Res. 40(3):387-402.
- Mattingly, P. F.
1953. New records and a new species of the subgenus *Stegomyia* (Diptera, Culicidae) from the Ethiopian Region. Ann. trop. Med. Parasit. 47(3):294-298.
- Mattingly, P. F.
1954. Notes on Ethiopian *Uranotaenia* (Diptera: Culicidae) with a description of a new species. Proc. R. ent. Soc. Lond. (B) 23(9-10):167-171.
- Mattingly, P. F.
1954a. Notes on the subgenus *Stegomyia* (Diptera, Culicidae), with a description of a new species. Ann. trop. Med. Parasit. 48(3):259-270.
- Mattingly, P. F.
1957. Genetical aspects of the *Aedes aegypti* problem. I. Taxonomy and bionomics. Ann. trop. Med. Parasit. 51(4):392-408.
- Mattingly, P. F.
1958. Genetical aspects of the *Aedes aegypti* problem. II. Disease relationships, genetics and control. Ann. trop. Med. Parasit. 52(1):5-17.
- Mattingly, P. F.
1962. Population increases in *Culex pipiens fatigans* Wiedemann. A review of present knowledge. Bull. World Hlth Org. 27(4-5):579-584.
- Mattingly, P. F. & J. P. Adam
1954. A new species of cave-dwelling Anopheline from the French Cameroons. Ann. trop. Med. Parasit. 48(1):55-57.
- Mattingly, P. F. & E. S. Brown
1955. The mosquitoes (Diptera: Culicidae) of the Seychelles. Bull. ent. Res. 46(1):69-110.

Mattingly, P. F. & L. J. Bruce-Chwatt

1954. Morphology and bionomics of *Aedes (Stegomyia) pseudoafricanus* Chwatt (Diptera, Culicidae), with some notes on the distribution of the subgenus *Stegomyia* in Africa. *Ann. trop. Med. Parasit.* 48(2):181-193.

Mattingly, P. F. & A. Grjebine

1958. Revision du genre *Picalbia* Theobald et discussion de la position systématique des *Ravanelites* Doucat. (Diptera, Culicidae). *Mém. Inst. sci. Madagascar (E)* 9:259-290.

Mattingly, P. F. & M. Lips

1953. Notes on the Culicini of the Katanga. (Diptera, Culicidae). *Rev. Zool. Bot. afr.* 47(3-4):311-343.

McCarthy, D. D. & R. H. Brent

1943. An account of an outbreak of dengue fever in Dzaoudzi, Comoro Islands, January, 1943. *E. Afr. med. J.* 20(9):293-298.

McClelland, G. A. H.

1959. Observations on the mosquito, *Aedes (Stegomyia) aegypti* (L.), in East Africa. I. The biting cycle in an outdoor population at Entebbe, Uganda. *Bull. ent. Res.* 50(2):227-235.

McIntosh, B. M., C. Brooke Worth & R. H. Kokernot

1961. Isolation of Semliki Forest virus from *Aedes (Aedimorphus) argenteopunctatus* (Theobald) collected in Portuguese East Africa. *Trans. R. Soc. trop. Med. Hyg.* 55(2):192-198.

McIntosh, B. M., M. P. Weinbren, C. Brooke Worth & R. H. Kokernot

1962. Isolation of viruses from mosquitoes collected at Lumbo, Mozambique. III. Isolation of Spondweni virus from *Aedes (Ochlerotatus) fryeri* (Theobald) and/or *Aedes (Aedimorphus) fowleri* (D'Emmeze de Charney). *Amer. J. trop. Med. Hyg.* 11(5):685-686.

McIntosh, B. M., R. M. Harwin, H. E. Paterson & M. L. Westwater

1963. An epidemic of chikungunya in south-eastern Southern Rhodesia. *Cent. Afr. J. Med.* 9(9):351-359.

McIntosh, B. M., R. H. Kokernot & H. E. Paterson

1960. Witwatersrand virus: an apparently new virus isolated from culicine mosquitoes. *S. Afr. J. med. Sci.* 25(1):33-37.

Meillonby, K.

1956. Mosquito populations at Ibadan in Nigeria. *Bull. ent. Res.* 47(1):125-136.

Merle, F. & L. Maillot

1955. Campagnes de désinsectisation contre le paludisme à Brazzaville. *Bull. Soc. Pat. exot.* 48(2):242-269.

Messerlin, A. & M. Treillard

1938. Sur une nouvelle station du groupe *Myzomyia* S. S. (anopheline) en Afrique du Nord; *A. (Myzomyia) sergenti* Theobald au Maroc occidental. *Bull. Soc. Pat. exot.* 31(2):106-109.

Mayus, H. & W. Bervoets

1958. La lutte anti-paludique dans la plaine de la Ruzizi: 1952-1957. *Riv. Parasit.* 19(1):29-46.

Mira, M. G.

1938. Accertamenti sullo stato endemico della malaria nelle zone di Moggio—regione del Lago Zuai—Dessiè—regione del Lago Haik—Ambò. *Rass. sanit. Imp., Addis Ababa.* 1(4-5):9-30.

Mohyiddin Farid

1940. Malaria infection in *Anopheles sergenti* in Egypt. *Riv. Malariol.* 19(3):159-161.

Moise, R.

1940. Osservazioni sulla malaria di Assab e sull'anofelino che la trasmette. *Riv. Malariol.* 19(3):149-158.

- Monier, H. M.
1935 Faits nouveaux concernant l'épidémiologie du paludisme à Tananarive. Bull. Soc. Pat. exot. 28(8):775-778.
- Monier, H. M.
1937. Caractères de l'anophélisme sur les plateaux de l'Emyrne. Ouvr. gén. Madagascar, Tananarive. 55 p.
- Monier, H. & M. Treillard
1935. *Anopheles (Mysomyia) funestus* var. *imerinensis* var. n. de Madagascar. Bull. Soc. Pat. exot. 28(7):572-573.
- Morstatt, H.
1913. Liste der blutsaugenden Fliegen und Zecken. Pflanze, 9(10):507-510.
- Mouchet, J.
1957. Observations sur quelques anophèles exophiles au Cameroun. Bull. Soc. Pat. exot. 50(3):378-381.
- Mouchet, J. & J. Gariou
1957. Exophilie et exophagie d'*Anopheles gambiae* Giles 1902, dans le Sud Cameroun. b. . . Soc. Pat. exot. 50(3):446-461.
- Mouchet, J. & J. Gariou
1960. Anophélisme et paludisme dans le département Bamiléké (Ouest-Cameroun). Rech. Étud. cameroun. (1):92-114.
- Mouchet, J. & J. Gariou
1961 Répartition géographique et écologique des anophèles au Cameroun. Bull. Soc. Pat. exot. 54(1):102-118.
- Mouchet, J., J. Gariou & E. Rivoia
1957. Observations sur la biologie d'*Anopheles smithi* var. *rageai* Mattingly et Adam 1954, vecteur d'un *Plasmodium* de mammifère aux environs de Yaoundé (Sud-Cameroun). Bull. Soc. Pat. exot. 50(1):157-164.
- Muirhead-Thomson, R. C.
1945. Studies on the breeding places and control of *Anopheles gambiae* and *A. gambiae* var. *melas* in coastal districts of Sierra Leone. Bull. ent. Res. 36(2):185-252.
- Muirhead-Thomson, R. C.
1951. Studies on salt-water and fresh-water *Anopheles gambiae* on the East African Coast. Bull. ent. Res. 41(3):487-502.
- Muirhead-Thomson, R. C.
1954. Communications—factors determining the true reservoir of infection of *Plasmodium falciparum* and *Wuchereria bancrofti* in a West African village. Trans. R. Soc. trop. Med. Hyg. 48(3):208-225.
- Muirhead-Thomson, R. C.
1957. The malarial infectivity of an African village population to mosquitoes (*Anopheles gambiae*). A random xenodiagnostic survey. Amer. J. trop. Med. Hyg. 6(6):971-979.
- Muspratt, J.
1945. Observation on the larvae of tree-hole breeding Culicini (Diptera: Culicidae) and two of their parasites. J. ent. Soc. S. Afr. 8:13-20.
- Muspratt, J.
1945a. On *Coelomomyces* fungi causing high mortality of *Anopheles gambiae* larvae in Rhodesia. Ann. trop. Med. Parasit. 40(1):10-17.
- Muspratt, J.
1951. The bionomics of an African *Megarhinus* (Dipt., Culicidae) and its possible use in biological control. Bull. ent. Res. 42(2):355-370.

- Muspratt, J.
1935. Research on South African Culicini (Diptera, Culicidae). III. A check-list of the species and their distribution, with notes on taxonomy, bionomics and identification. J. ent. Soc. S. Afr. 18(2):149-207.
- Muspratt, J.
1936. Research on South African Culicini (Diptera, Culicidae). IV. Additional distribution records taxonomic descriptions and miscellaneous notes. J. ent. Soc. S. Afr. 19(1):37-46.
- Muspratt, J., K. C. Smithburn, H. E. Paterson & R. H. Kokernot
1937. Studies on arthropod-borne viruses of Tangaland. X. The laboratory transmission of Wesselsbron virus by the bite of *Aedes (Banksinella) circumluteolus* Theo. S. Afr. J. med. Sci. 22:121-126.
- Neave, S. A.
1912. Notes on the blood-sucking insects of Eastern Tropical Africa. Bull. ent. Res. 3(3): 275-324.
- Nelson, G. S., R. B. Haisch & M. Furlong
1952. Studies in filariasis in East Africa. II. Filarial infections in man, animals and mosquitoes on the Kenya coast. Trans. R. Soc. trop. Med. Hyg. 56(3):202-217.
- Neveu-Lemaire, M.
1933. Les arthropodes hôtes intermédiaires des helminthes parasites de l'homme. Ann. Parasit. hum. comp. 11(3-5):370-402.
- Nieschulz, O., G. A. H. Bedford & R. M. du Toit
1934. Results of a mosquito survey at Onderstepoort during the summer 1931-32 in connection with the transmission of horsesickness. Onderstepoort J. vet. Sci. 3(1):43-77.
- Noc, F.
1920. Les spirochètoses humaines à Dakar (Sénégal). Bull. Soc. Pat. exot. 13(8):672-679.
- Noc, F.
1922. Rapport sur le fonctionnement de l'Institut de Biologie pendant l'année 1920. Entomologie médicale. Rapp. Inst. Biol. Afr. occid. Fr. Ent. méd. pp. 14-22.
- Ovazza, M.
1936. Contribution à l'étude des diptères vulnérants de l'Empire d'Éthiopie. IV. *Glossina*. Bull. Soc. Pat. exot. 49(1):204-209.
- Ovazza, M. & P. Neri
1955. Vecteurs de paludisme en altitude (région d'Addis Abeba, Éthiopie). Bull. Soc. Pat. (1956) exot. 48(5):679-686.
- Ovazza, M., J. Hamon & P. Neri
1936. Contribution à l'étude des diptères vulnérants de l'Empire d'Éthiopie. I. Culicidae. Bull. Soc. Pat. exot. 49(1):151-182.
- Papafigou, T.
1947. Deux cas d'infection *Pl. ovale* Stephens en Grèce. Bull. Soc. Pat. exot. 40(1-2):161-165.
- Parrot, L.
1923. Observations et considérations générales. Arch. Inst. Pasteur Algér. 1(3):498-511.
- Patané, C.
1927. Sulla distribuzione di *Stegomyia fasciata* in Cirenaica. Sua frequenza ed abitudini biologiche in Bengasi nelle diverse stagioni. Arch. ital. Sci. med. colon. 8(5):262-270.

- Ferreira, M. de C.
1946. Culicídeos da provincia do Sul do Save (Africa Orienta. Portuguesa). Ann. Inst. Med. trop., Lisboa. 3:341-364.
- Peters, W.
1955. The mosquitoes of Liberia (Diptera: Culicidae). Proc. R. ent. Soc. Lond. (B) 24(5-6): 81-90.
- Peters, W.
1955a. New Anophelini from the Southern Highlands of Tanganyika and notes on some other members of the genus *Anopheles* Meigen (Diptera: Culicidae). Proc. R. ent. Soc. Lond. (B) 24(5-6):95-103.
- Peters, W.
1956. The mosquitoes of Liberia (Diptera: Culicidae). A general survey. Bull. ent. Res. 47(3):525-551.
- Peus, F.
1942. Die Stechmücken und ihre Bekämpfung. Teil I. Die Fiebermücken des Mittelmeergebietes. Hyg. Zool. 8:150 p.
- Philip, C. B.
1929. Preliminary report of further tests with yellow fever transmission by mosquitoes other than *Aedes aegypti*. Amer. J. trop. Med. 9(4):267-269.
- Philip, C. B.
1930. The experimental transmission of yellow fever by mosquitoes. Science. 71(1850):614-615.
- Philip, C. B.
1931. List of mosquitoes collected in Nigeria, West Africa, incidental to research on yellow fever. Proc. ent. Soc. Wash. 33(2):44-47.
- Philip, C. B.
1931a. Two new species of *Uranotaenia* (Culicidae) from Nigeria, with notes on the genus in the Ethiopian Region. Bull. ent. Res. 22(2):183-193.
- Philip, C. B.
1962. Breeding of *Aedes aegypti* and other mosquitoes in West African rock holes. Ann. ent. Soc. Amer. 55(6):706-708.
- Philip, C. B.
1962a. Transmission of yellow fever virus by aged *Aedes aegypti* and comments on some other mosquito-virus relationships. Amer. J. trop. Med. Hyg. 11(5):697-701.
- Pielou, D. P.
1947. Anopheline mosquitoes breeding in fish dams, pools and streams in Northern Rhodesia. Proc. R. ent. Soc. Lond. (A) 22(1-3):18-23.
- Pringle, G.
1962. Experimental malaria infections in "saltwater" and "freshwater" *Anopheles gambiae* from East Africa. Trans. R. Soc. trop. Med. Hyg. 56(5):379-382.
- Purcell, F. M.
1937. A dengue-like fever in the Gold Coast. Trans. R. Soc. trop. Med. Hyg. 30(5):541-544.
- Raffaele, G.
1942. Ispezione eseguita ai centri di studi dell'Istituto di Malariologia (E. Marchiafava) in Africa Orientale Italiana. Riv. Malariol. 21(1):53-76.
- Raffaele, G. & M. Coluzzi
1961. Su *Anopheles (Myzomyia) hispaniola* Theobald, 1903, e *Anopheles (Myzomyia) sinensis* Theobald, 1901. Riv. Malariol. 40(4-6):247-252.

- Ragazu, J. & J. P. Adam
1953. Note complémentaire sur les Culicinas du Cameroun. Ann. Parasit. hum. comp. 28(5-6): 412-424.
- Ragazu, J., J. P. Adam & E. Rivola
1953. Étude préliminaire sur la biologie d'*Anopheles gambiae*, Giles 1902 dans les régions forestières du Sud-Cameroun. Ann. Parasit. hum. comp. 28(5-6):425-449.
- Raghavan, N. G. S.
1961. The vectors of human infections by *Mucoraria* species in endemic areas and their biology. Bull. World Hlth Org. 24(2):177-195.
- Rabêlo, A. & M. de C. Pereira
1943. Culicini (Diptera, Nematocera) da Colômbia de Moçambique. II. Moçambique. (34):81-90.
- Reeves, W. C.
1962. Mosquitoes and virus diseases. In E. Marascrosch, ed. Biological transmission of disease agents. Symposium held under the auspices of the Entomological Society of America, Atlantic City, 1960. Academic Press, New York, N.Y. and London. pp. 75-82.
- Reid, E. T. & R. W. Woods
1957. Anopheline mosquitoes of Southern Rhodesia: a general survey. Proc. Rhod. sci. Ass. 45:47-72.
- Ribbands, C. R.
1944. The influence of rainfall, tides and periodic fluctuations on a population of *Anopheles melas*, Theo. Bull. ent. Res. 35(3):271-295.
- Ribbands, C. R.
1945. The use of DDT as a mosquito larvicide on still waters. Bull. ent. Res. 36(3):315-330.
- Ribbands, C. R.
1946. Moonlight and house-haunting habits of female anophelines in West Africa. Bull. ent. Res. 36(4):395-417.
- Ribbands, C. R.
1946a. Effects of bush clearance on flighting of West African anophelines. Bull. ent. Res. 37(1):33-41.
- Rickenbach, A., J. P. Adam, J. Adam & H. Bailly
1958. Présence en Afrique Occidentale Française de *Anopheles natalensis* Hill et Hayden, 1907 et de *Anopheles squamosus* var. *cydippis* de Meillon, 1931. Bull. Soc. Pat. exot. 51(3): 329-331.
- Rioux, J. A.
1958. Les Culicides du "Midi" méditerranéen. Étude systématique et écologique. Encycl. ent. (A) 35:303 p.
- Rioux, J. A.
1959. Liste sommaire des culcides du Nord-Tchad. Ann. Parasit. hum. comp. 34(5-6):733.
- Ristorcelli, A.
1946. Sur la population d'*Anopheles hispaniola*. Ann. Parasit. hum. comp. 21(1-2):93.
- Rivola, E. & H. E. Holstein
1957. Note sur une variété d'*Anopheles nili* Theo. Bull. Soc. Pat. exot. 50(3):382-387.
- Robertson, J. D.
1945. Notes on the gametocyte threshold for infection of *Anopheles gambiae* Giles, 1902, and *Anopheles melas* Theobald, 1903, in West Africa. Ann. trop. Med. Parasit. 39(1):8-10.
- Robinson, G. G.
1948. Mosquitoes caught in Northern Rhodesia at Balorale and Livingstone. J. ent. Soc. S. Afr. 11:63-67.

- Modhain, J.
1928. La fièvre jaune. Rev. sowl. sfr. 15:91 Suppl.
- Romeo Viamonte, J. M.
1950. Los anofelinos de Espana y dela zona espanola del protectorado de Marruecos; su relacion con la difusion del paludismo. Rev. Sanid. Hig. públ., Madr. 24(4):213-295.
- Romeo Viamonte, J. M. & A. I. Ramirez
1945. Nota previa sobre el anofelismo de la zona del Protectorado espanol de Marruecos. Rev. Sanid. Hig. públ., Madr. 19:667-674.
- Roubaud, E.
1935. Variété nouvelle de l'*Anopheles maculipennis* au Maroc, *A. maculipennis sicaulti* (n. var.). Bull. Soc. Pat. exot. 28(2):107-111.
- Roubaud, E. & J. Colas-Belcour
1933. Notes sur un culicide méditerranéen, *Theobaldia longearcolata* Macq. Bull. Soc. Pat. exot. 26(7):934-937.
- Roubaud, E. & J. Colas-Belcour
1945. Influence de la saure des eaux sur le développement de l'*Aedes aegypti*. Bull. Soc. Pat. exot. 38(5-6):136-145.
- Roubaud, E., J. Colas-Belcour & G. J. Stefanopoulo
1937. Transmission de la fièvre jaune par un moustique paléarctique répandu dans la région parisienne, l'*Aedes geniculatus* Oliv. C. R. Acad. Sci., Paris. 205(2):182-183.
- Rousseau, L.
1918. Recherches sur l'Endémie paludéenne à Doua's (Cameroun) en 1917. Bull. Soc. Pat. exot. 11(4):286-291.
- Rozeboom, L. E. & R. W. Burgeau
1962. Dry-season survival of some plant-cavity breeding mosquitoes in Liberia. Ann. ent. Soc. Amer. 55(5):521-524.
- Ruffie, J.
1957. Sur la periodicit  des microfilaires sanguicoles de Guinée Portugaise. Bull. Soc. Pat. exot. 50(1):65-69.
- Russell, P. F.
1957. World-wide malaria distribution, prevalence, and control. Amer. J. trop. Med. Hyg. 5(6):937-965.
- Russell, P. F., L. E. Rozeboom & A. Stone
1943. Keys to the anopheline mosquitoes of the world with notes on their identification, distribution, biology, and relation to malaria. Amer. ent. Soc., Philadelphia, Pa. 152 p.
- Salem, H. H.
1938. The mosquito fauna of Sinai Peninsula (Egypt) with a description of two new species. Publs Fac. Med. Egypt. Univ. (16):32 p.
- Seugrain, J. & R. Taufflieb
1960. Anophélisme sans paludisme au Nord Tchad. Bull. Soc. Pat. exot. 53(2):150-152.
- Sautet, J.
1936. Espèces et genres nouveaux (Diptères). Ann. Parasit. hum. comp. 14(1):94-96.
- Sautet, J. & H. Marneffe
1943. Contribution à l'étude de l'exophilie de divers anophèles vecteurs du paludisme au Liban et au Soudan français. Bull. Soc. Pat. exot. 36(7-8):226-229.
- Sautet, J., R. J. Aldighieri & G. Arnaud
1958. Comparisson de la sensibilité au D.D.T. des adultes de plusieurs souches d'*Aedes aegypti*. Bull. Soc. Pat. exot. 51(3):404-412.

Sautet, J., J. Ranque, F. Vuillet & J. Vuillet

1946. Quelques notes parasitologiques sur la paludisme et l'anophélisme en Mauritanie. *Méd. trop.* 1(1):32-39.

Schneider, P.

1914. Beitrag zur Kenntnis der Culiciden in der Umgebung von Bonn. *Verh. naturh. Ver. preuss. Rheinl.* 70(1):1-34.

Schwets, J.

1915. Preliminary notes on the mosquitoes of Kabinda (Lomami) Belgian Congo. *Ann. trop. Méd. Parasit.* 9(1):163-168.

Schwets, J.

1927. Contribution à l'étude des moustiques d'Elisabethville et de quelques autres localités du Katanga (Congo belge). *Bull. Soc. Pat. exot.* 20(2):170-192.

Schwets, J.

1930. Les moustiques de Stanleyville (Congo belge). *Ann. Soc. belge Méd. trop.* 10(1):25-65.

Schwets, J.

1933. Notes parasitologiques sur la Plaine du Lac Edouard (Parc National Albert, Congo Belge). *Rev. Zool. Bot. afr.* 23(3-4):259-266.

Schwets, J.

1941. Contribution à l'étude des anophélinés du Congo oriental (Lac Kivu-Lac Albert). *Ann. Soc. belge Méd. trop.* 21:17-35.

Schwets, J.

1944. Recherches sur les moustiques dans la bordure orientale du Congo Belge (Lac. Kivu-Lac Albert). *Mém. Inst. r. colon. belge Sect. Sci. nat. méd.* 14(1):93 p.

Schwets, J.

1947. Sur les anophèles et le paludisme endémique et épidémique des noirs dans les régions de hautes altitudes de l'Afrique intertropicale. *Rev. Malariol.* 26(5):227-233.

Schwets, J. & F. W. Edwards

1927. Synopsis des moustiques connus du Congo belge, avec quelques commentaires et considérations. *Rev. zool. afr.* 15(3):271-319.

Scott, H.

1927. Notes on the distribution and habits of Culicidae in Central Abyssinia. *Bull. ent. Res.* 18(1):81-89.

Séguy, E.

1920. Les moustiques de France. *Bull. Mus. Hist. nat., Paris*, 1920. (3-6):223-230, 322-329, 407-414 and 512-519.

Séguy, E.

1921. Faune entomologique des Iles Canaries. Séjour de M. P. Lesne dans la Grande Canarie (1902-1903) II. Diptères piqueurs. *Bull. Mus. Hist. nat., Paris*, 1921. (4):291-295.

Séguy, E.

1924. Les moustiques de l'Afrique Mineure, de l'Egypte et de la Syrie. Paul Lechevalier, Paris. 237 p.

Séguy, E.

1925. Faune de France. 12. Diptères (Nématocères piqueurs): Ptychopteridae, Orphnephilidae, Simuliidae, Culicidae, Psychodidae, Phlebotominae. Paul Lechevalier, Paris. 109 p.

Séguy, E.

- 1925a. Notes sur les moustiques. I and II. *Encycl. ent.* 8 II Dipt. 1(3-4):120, 157-158.

Séguy, E.

1929. Notes sur les moustiques. III. *Encycl. ent.* 8 II Dipt. 5:177-178.

- Séguy, E.
1930. Contribution à l'étude des Diptères du Maroc. Mém. Soc. Sci. nat. Maroc. (24):205 p.
- Séguy, E.
1932. Notes sur les moustiques. IV. Encycl. ent. B II Dipt. 6:97-102.
- Séguy, E.
1933. Contributions à l'étude de la faune du Mozambique. Voyage de M. P. Lasne (1928-1929). 13e note—Diptères (2e partie). Mem. Mus. zool. Univ. Coimbra. 1(67):80 p.
- Séguy, E.
1934. Diptères d'Afrique. Encycl. ent. B II Dipt. 7:63-80.
- Séguy, M. E.
1921. Les moustiques de France. Bull. Mus. Hist. nat., Paris, 1921. (2):152-169.
- Senevet, G.
1932. Notes sur les moustiques. I. Arch. Inst. Pasteur Algér. 10(4):471-477.
- Senevet, G.
1935. Les anophèles de la France et de ses colonies. 1re partie. France, Corse, Afrique, Madagascar, La Réunion. Encycl. ent. A 19 P. Lechevalier, Paris. 361 p.
- Senevet, G.
1936. Notes sur les moustiques. IV. Quelques culicides de la région de l'Aurès (Algérie). Arch. Inst. Pasteur Algér. 14(4):432-448.
- Senevet, G.
1939. *Aedes aegypti* en Algérie. Arch. Inst. Pasteur Algér. 17(4):598-600.
- Senevet, G.
1947. Le genre *Culex* en Afrique du Nord. I. Les larves. Arch. Inst. Pasteur Algér. 25(2):107-136.
- Senevet, G.
1948. Nouvelles espèces d'Anophèles. Arch. Inst. Pasteur Algér. 26(2):149-161.
- Senevet, G. & L. Andarelli
1955. Les anophèles de l'Afrique du Nord et du bassin méditerranéen. Encycl. ent. A 33 P. Lechevalier, Paris. 280 p.
- Senevet, G. & L. Andarelli
1958. Le genre *Aedes* en Afrique du Nord. II. Les nymphes. Arch. Inst. Pasteur Algér. 36(2):266-286.
- Senevet, G. & L. Andarelli
1959. Un nouveau caractère pour la diagnose des larves de *Culex*. Arch. Inst. Pasteur Algér. 37(3):447-461.
- Senevet, G. & L. Andarelli
1960. Contribution à l'étude de la biologie des moustiques en Algérie et dans le Sahara algérien. Arch. Inst. Pasteur Algér. 38(2):305-326.
- Senevet, G. & L. Andarelli
1961. Contributions à l'étude de la biologie des Anophèles Algériens. Arch. Inst. Pasteur Algér. 39(4):393-400.
- Senevet, G. & L. Fratani
1938. *Anopheles d'thali*, Patton, dans le Sud Granais. Arch. Inst. Pasteur Algér. 16(3):320-322.
- Senevet, G. & M. Prunella
1927. Note sur *Culex impudicus*, Ficalbi, 1890. Bull. Soc. Hist. nat. Afr. N. 18(8):201-202.
- Senevet, G. & M. Prunelli
1928. Larves de Culicides recueillies en Algérie et en Tunisie par M. H. Gauthier. Bull. Soc. Hist. nat. Afr. N. 19(2):94-99.

- Senevet, G., L. Andarelli, G. Buffart & A. Duzer
1955. Quelle est la limite septentrionale de *Culex deserticola* Kirk en Afrique du Nord? Arch. Inst. Pasteur Algér. 33(1):51-53.
- Senevet, G., L. Andarelli & A. Duzer
1954. Sur la présence en Algérie de *Aedes longitubus* Cambournac et sur quelques espèces de moustiques peu communes en Afrique du Nord. Arch. Inst. Pasteur Algér. 32(3):266-274.
- Senevet, G., J. Bernet, J. Clastrier & E. Abonnenc
1960. Présence de *Anopheles (Myzomyia) d'thali* Patton en deux régions de l'Afrique voisines de l'Atlantique—sa repartition géographique sur le continent Africain. Arch. Inst. Pasteur Algér. 38(1):107-111.
- Senevet, G., R. Mandoul & P. Jaquesin
1949. Sur une forme aberrante de l'*Aedes caspius* Pallas. Arch. Inst. Pasteur Algér. 27(3):277-280.
- Sergent, Ed. & Et. Sergent
1918. Disparition de la virulence du *Plasmodium relictum* chez le moustique après plusieurs mois d'hivernation. Bull. Soc. Pat. exot. 11(4):281.
- Sergent, Ed. & Et. Sergent
1918a. Etudes épidémiologiques et prophylactiques du paludisme. Quinzième et seizième campagnes en Algérie en 1916 et 1917. Ann. Inst. Pasteur. 32(12):573-583.
- Sergent, Et.
1919. A propos de *Pyretophorus chaudoyei*. Bull. Soc. Pat. exot. 12(4):182-184.
- Sergent, Et.
1936. Note sur les oeufs d'anophèles d'eaux saumâtres du littoral algérien. Arch. Inst. Pasteur Algér. 14(2):109-118.
- Sergent, Et.
1940. De quelques caractères différentiels des larves d'*Anopheles maculipennis* var. *atroparvus* du Limousin et var. *labranchiae* du littoral algérois. Arch. Inst. Pasteur Algér. 18(2):216-220.
- Service, M. W.
1958. A new *Anopheles* from the Southern Cameroons, *Anopheles buxtoni* sp. nov. Ann. trop. Med. Parasit. 52(2):176-180.
- Service, M. W.
1958a. Mosquito survey of some areas in the Southern Cameroons under United Kingdom administration. W. Afr. med. J. (N. S.) 7(4):161-169.
- Service, M. W.
1960. A new species and variety of *Anopheles* from Nigeria, with notes on *Anopheles flavicoستا* Edwards and *Aedes (Ae.) wendyas* Service. Proc. R. ent. Soc. Lond. (B) 29(7-8):85-90.
- Service, M. W.
1961. The anopheline mosquitoes of Nigeria and the Cameroons. W. Afr. med. J. (N. S.) 10(3):109-121.
- Service, M. W.
1962. Keys to the West African Anophelini. Acta trop., Basel. 19(2):120-158.
- Service, M. W.
1963. The ecology of the mosquitoes of the Northern Guinea Savannah of Nigeria. Bull. ent. Res. 54(3):601-632.
- Seurat, L. G.
1943. Peuplement des eaux continentales de la Tunisie. C. R. Soc. Biol., Paris. 139(15-16):734-736.

- Steyn, J. J.
1948. The effect of cultivation of swamps on the anopheline fauna in Kigezi district, Uganda. J. ent. Soc. S. Afr. 11:76-82.
- Steyn, J. J.
1958. The South African vector of Rift Valley fever. Proc. 10th Int. Congr. Ent. 3:629-632.
- Steyn, J. J., R. Rose Innes & K. Hechter Schulz
1955. A culicine mosquito survey of the upper Limpopo River Valley. J. ent. Soc. S. Afr. 18(2):238-246.
- Stone, A.
1961. A synoptic catalog of the mosquitoes of the world. Supplement I (Diptera: Culicidae). Proc. ent. Soc. Wash. 63(1):29-52.
- Stone, A.
1963. A synoptic catalog of the mosquitoes of the world. Supplement II (Diptera: Culicidae). Proc. ent. Soc. Wash. 65(2):117-140.
- Stone, A., K. L. Knight & H. Starcke
1959. A synoptic catalog of the mosquitoes of the world (Diptera, Culicidae). The Thomas Say Foundation, Ent. Soc. Amer. 6:358 p.
- Storey, G.
1919. Keys for the determination of Egyptian mosquitoes and their larvae. Bull. Soc. ent. Egypte. (4):84-106.
- Surtees, G.
1958. Notes on the breeding habits of some culicine mosquitoes (Diptera: Culicidae) in Southern Ghana. Proc. R. ent. Soc. Lond. (A) 33(4-6):88-92.
- Surtees, G.
1959. On the distribution and seasonal incidence of culicine mosquitoes in southern Nigeria. Proc. R. ent. Soc. Lond. (A) 34(7-9):110-120.
- Swallengrebel, N. H., S. Annecke & B. de Meillon
1931. Malaria investigations in some parts of the Transvaal and Zululand. Publ. S. Afr. Inst. med. Res. (27):245-274.
- Symes, C. B.
1926. The mosquito problem in Kenya. Kenya med. J. 3(4):93-103.
- Symes, C. B.
1928. Notes on anophelines and malaria in Kenya. Kenya E. Afr. med. J. 5(5):138-183.
- Taylor, A. W.
1934. A note on mosquitoes breeding in tree-holes in Northern Nigeria. Bull. ent. Res. 25(2):191-193.
- Taylor, R. M. & H. S. Hurlbut
1953. Isolation of West Nile virus from *Culex* mosquitoes. J. Egypt. med. Ass. 36(3):199-208.
- Taylor, R. M., H. S. Hurlbut, T. H. Work, J. R. Kingston & T. E. Frothingham
1955. Sindbis virus: a newly recognized arthropod-transmitted virus. Amer. J. trop. Med. Hyg. 4(5):844-862.
- Taylor, R. M., T. H. Work, H. S. Hurlbut & F. Rizk
1956. A study of the ecology of West Nile virus in Egypt. Amer. J. trop. Med. Hyg. 5(4):579-620.

- Tedeschi, C. & A. Scalas
1934. Contributo alla biogeografia della malaria in Burhakabs (Benadir). Riv. Malariol. 13(1):104-113.
- Teesdale, C.
1955. Studies on the bionomics of *Aedes aegypti* (L.) in its natural habitats in a coastal region of Kenya. Bull. ent. Res. 46(3):711-742.
- Teesdale, C.
1959. Observations on the mosquito fauna of Mombasa. Bull. ent. Res. 50(1):191-208.
- Theobald, F. V.
1913. New Culicidae from the Sudan. Ann. trop. Med. Parasit. Series T. M. 7(4):591-602.
- Thomson, J. G.
1929. Endemic and epidemic malaria in Southern Rhodesia. Proc. R. Soc. Med. 22(8):1051-1058.
- Toumanoff, C.
1959. Filariose humaine et sa transmission dans la Basse-Guinée (estuaire du Rio Mouna). Bull. Soc. Pat. exot. 51(6):908-912.
- Toumanoff, C.
1959a. Paludisme et perspectives de la lutte antipaludique dans la basse Guinée. Riv. Parasit. 20(4):411-422.
- Toumanoff, C. & M. Simond
1956. Quelques observations sur la faune culicidienne de la Basse Guinée (Conakry et Presqu'île de Kaloum) (Saison sèche de l'année 1956). Bull. Soc. Pat. exot. 49(4):667-674.
- Tournier, E.
1934. Le paludisme à Lomé et au Togo en 1932 et 1933. Bull. Soc. Pat. exot. 27(4):385-396.
- Tredre, R. F.
1946. The role of *Anopheles gambiae* var. *melas* in the transmission of malaria in the vicinity of Freetown Estuary, Sierra Leone, 1943. Ann. trop. Med. Parasit. 40(3-4):380-420.
- van den Branden, F. & L. van Hoof
1924. Rapport sur le fonctionnement du Laboratoire de Léopoldville pendant l'année 1923. Ann. Soc. belge Méd. trop. 6(2):231-245.
- van Someren, E. C. C.
1945. Ethiopian Culicidae: Descriptions of two East African culicine larvae, not hitherto described, and a new subspecies from Abyssinia (Diptera). Proc. R. ent. Soc. Lond. (B) 14(5-6):77-80.
- van Someren, E. C. C.
1946. Ethiopian Culicidae--Descriptions of the adults and pupae of two new species and two subspecies of the genus *Aedes* from East Africa (Diptera). Proc. R. ent. Soc. Lond. (B) 15(1-2):1-6.
- van Someren, E. C. C.
1956. Undescribed culicine larvae and pupae from Uganda. Proc. R. ent. Soc. Lond. (B) 25(1-2):3-12.
- van Someren, E. C. C.
1962. Ethiopian Culicidae: Three new *Aedes* from Tanganyika, with a description of the male of *Aedes usimbata* Mattingly and the female of *Uranotaenia henrardi* Edwards. Proc. R. ent. Soc. Lond. (B) 31(1-2):19-26.
- van Someren, E. C. C. & M. Furiong
1964. The biting habits of *Aedes (Skusea) pembaensis* Theo. and some other mosquitoes of Faza, Pate Island, East Africa. Bull. ent. Res. 55(1):97-124.

- van Someren, E. C. C., R. B. Heisch & M. Furlong
1958. Observations on the behaviour of some mosquitoes of the Kenya Coast. Bull. ent. Res. 49(4):643-660.
- van Someren, E. C. C., C. Teesdale & M. Furlong
1955. The mosquitoes of the Kenya Coast; records of occurrence, behaviour and habitat. Bull. ent. Res. 46(3):463-493.
- van Someren, G. R. C.
1943. Notes on the mosquitoes of British Somaliland. Bull. ent. Res. 34(4):323-328.
- van Someren, V. G. L. & H. S. de Boer
1926. Report on the mosquito breeding areas within the Nairobi municipal area, with special reference to waters containing anopheline larvae. Kenya med. J. 2(10):277-298.
- Verneil, C.
1953. *Aedes vittatus* Bigot 1861, Culicide nouveau pour la Tunisie. Bull. Soc. Pat. exot. 46(3):338-339.
- Verneil, C.
1953a. Contribution à l'étude des Culicides du Fezzan (Lybie). Présence d'*Anopheles broussesi* E. A. El Barka (Territoire de Rhat). Bull. Soc. Pat. exot. 46(3):445-454.
- Verneil, C.
1953b. De la reproduction par autogénèse chez *Aedes (O.) detritus* Haliday. Bull. Soc. Pat. exot. 46(6):971-973.
- Verneil, C.
1953c. Nouvelle localité tunisienne pour *Uranotaenia unguiculata* Edwards 1913. Ann. Parasit. hum. comp. 28(3):240.
- Verneil, C. & J. M. Doby
1950. Présence d'*Anopheles d'thali* Patton dans le Sud Tunisien. Bull. Soc. Pat. exot. 43(7-8):443-444.
- Verrone, G. A.
1962. Outline for the determination of malarial mosquitoes in Ethiopia. Part II. Anopheline larvae. Mosquito News. 22(4):394-401.
- Vialatte, C.
1922. Le paludisme au Maroc. Epidémiologie. Prophylaxie. Arch. Inst. Pasteur Afr. N. 2(4):595-621.
- Vialatte, C.
1924. Conformation et fonction des soies caudales chez les larves de quelques espèces d'Anophélins. Arch. Inst. Pasteur Algér. 2(2):235-238.
- Vilain, M.
1949. Liste des espèces anophéliennes rencontrées à Bobo-Dioulasso. Bull. Soc. Pat. exot. 42(7-8):371-374.
- Villeneuve, J.
1919. Deuxième note sur les Nématocères vulnérants (Dipt.) (Espèces françaises). Bull. Soc. ent. Fr. (2):54-60.
- Vincke, I. H.
1959. Notes sur les culicides dans la vallée de la Lufira (1941-1942). Riv. Parasit. 20(4):423-434.
- Vincke, I. H. & N. Leleup
1949. Notes biologiques et éthologiques sur les anophèles dendrophiles du Katanga. Rev. Zool. Bot. afr. 42(3-4):245-247.
- Vincke, I. H., M. H. Holstein & E. Rivola
1937. Note sur *Anopheles demeilloni* Evans et *Anopheles marshalli* var. *pitchfordi* Giles au Congo Belge. Bull. Soc. Pat. exot. 50(3):391-397.

- Walton, G. A.
1947. On the control of malaria in Freetown, Sierra Leone. I. *Plasmodium falciparum* and *Anopheles gambiae* in relation to malaria occurring in infants. Ann. trop. Med. Parasit. 41(3-4):380-407.
- Wanson, M.
1935. Note sur les trous de crabes, gîtes larvaires. Ann. Soc. belge Méd. trop. 15(4):575-585.
- Wanson, M.
1935a. Influences de la salinité sur la faune culicidienne. Ann. Soc. belge Méd. trop. 15(4):587-598.
- Wanson, M. & M. Berteaux
1954. La larve de l'*Anopheles morticouri* Edwards. Rev. Zool. Bot. afr. 49(1-2):33-38.
- Watson, M.
1932. The enemy in Rhodesia. Combating the mosquito. A successful year. The Times, London. 1st July 1932, reprint. 3 p.
- Wehrle, W. O.
1928. Des Gelbfieber in Liberia 1925 und 1927. Arch. Schiffs- u. Tropenhyg. 32(8):401-406.
- Weinbren, M. P. & M. C. Williams
1958. Zika virus: further isolations in the Zika area, and some studies on the strains isolated. Trans. R. Soc. trop. Med. Hyg. 52(3):263-268.
- Weinbren, M. P., A. J. Haddow & M. C. Williams
1958. The occurrence of Chikungunya virus in Uganda. Trans. R. Soc. trop. Med. Hyg. 52(3):253-262.
- Weinbren, M. P., M. C. Williams & A. J. Haddow
1957. A variant of Rift Valley fever virus. S. Afr. med. J. 31:951-957.
- Weiss, A.
1912. Addition au catalogue des arthropodes piqueurs de Djerba. Arch. Inst. Pasteur Tunis. (4):226.
- Wigglesworth, V. B.
1929. The early stages of some West African mosquitoes. Bull. ent. Res. 20(1):59-68.
- Williams, M. C.
1963. Studies on mosquitoes (Diptera, Culicidae) biting birds, using twenty-four-hour catches, in the Entebbe area, Uganda. Bull. ent. Res. 54(3):407-424.
- Wilson, D. B.
1938. Report of the malaria unit, Moshi, 1936. Fol. 34 p.
- Wilson, D. B.
1947. Malaria in Madagascar. E. Afr. med. J. 24(4):171-176.
- Wilson, D. B. & F. B. Notley
1943. Malaria in southern Somalia (Italian Somaliland). E. Afr. med. J. 20(8):255-262.
- Wolfs, J.
1946. Note sur les moustiques de Coquilhatville. (Deuxième note). Ann. Soc. belge Méd. trop. 26(1-2):95-104.
- Wolfs, J.
1947. Sur la faune culicidienne de l'agglomération de Coquilhatville. (Troisième note). Ann. Soc. belge Méd. trop. 27(2):265-271.
- Wolfs, J.
1951. Un Culicide nouveau de la région éthiopienne: *Taeniorhynchus* (*Coquillettidia*) *karada-laensis*. Rev. Zool. Bot. afr. 45(1-2):12-14.

- Woodall, J. P., J. D. Gillett, P. S. Corbet, M. P. Weinbren & M. C. Williams
1961. The isolation of West Nile virus from the bird-biting mosquito *Mansonia metallica* in Uganda. Ann. trop. Med. Parasit. 55(4):398-402.
- Zanon, V.
1922. Invasione di *Leptodermus minutus*, Jak., a Bengasi nel maggio 1919. Agricoltura colon. 16(12):445-450.
- Zavattari, E.
1934. Acclimatazione della *Gambusia* e lotta antimalarica nel Fezzan. Riv. Malariol. 13(5): 617-622.
- Zetek, J.
1920. *Anopheles* breeding among water lettuce. A new habitat. Bull. ent. Res. 11(1):73-75.
- Wuapt, F.
1937. Stechmücken-Studien im Pflanzungsgebiet des Kamerun-berges. Tropenpflanzer. 40(9):366-383.

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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 (103); 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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