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TECHNICAL REPORT
68-30-ES

ARTHROPODS OF MEDICAL IMPORTANCE IN LATIN AMERICA PART I

by

B. V. Travis

R. M. Labadan

Cornell University

Ithaca, New York

December 1967

UNITED STATES ARMY
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Earth Sciences Laboratory

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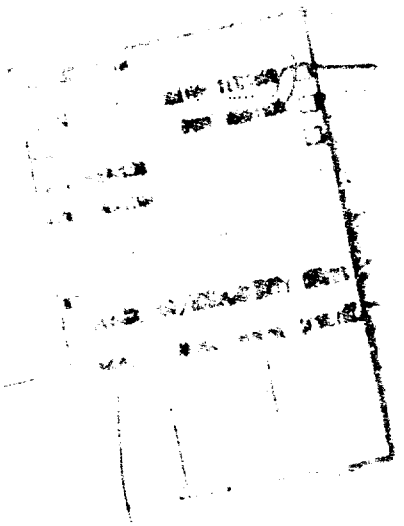

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ARTHROPODS OF MEDICAL IMPORTANCE IN LATIN AMERICA

Part I of Two parts, Printed Separately

by

B. V. Travis, Ph.D.

and

Renato M. Labadan, Ph.D.

College of Agriculture, Cornell University
Ithaca, New York

December 1967

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ARTHROPODS OF MEDICAL IMPORTANCE

IN LATIN AMERICA

PART I

Introductory and Explanatory Material

Data on Mosquitoes

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

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 Medical Center, 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 Latin America is a result of this work. Similar reports for Africa and Asia have already been published by these Laboratories, and reports for the remaining continents will follow.

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.

The distributions of the most important species are being mapped by the University of Pittsburgh's Department of Geography. When completed for all continents the maps will be published in an Atlas of Medically Important Arthropods, to accompany this and the other 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 initially monitored by Mr. Carl W. Ross, formerly Geographer with the Earth Sciences Laboratory. Dr. John J. Pratt, Jr., Head of the Applied Entomology Group of the Pioneering Research Laboratory, was alternate project officer. Completion of the contract and publication were supervised by Dr. William C. Robison, Chief of the Geography Division, this Laboratory.

The following members of the staff at Cornell University assisted the authors in preparing this compilation: Eveline Aron, Editha Cagni, Susan Sirrine, Isabel Valiela, Helen Younger, Erika Zeballos, and Ruth Breen, Librarian, Department of Entomology, Cornell University. Priscilla Lawrence typed the manuscript.

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

L. W. TRUESDELL
Director
Earth Sciences Laboratory

APPROVED:

DALE H. SIELING
Scientific Director

CLIFFORD T. RICHDAN
Colonel, MC
Commanding

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ABSTRACT

The occurrence of insects and other arthropods of medical importance in Latin America (used here to denote all of South and Middle America including the West Indies), adjacent islands (Bermuda and the Falklands), and lands within the Antarctic Circle, is summarized on the basis of a compilation of almost 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 (1,251)

Part II: Arthropods other than mosquitoes: Black flies (275), Sand flies (204), Midges (178), Horse flies (1,115), Biting flies (3), Non-biting flies (24), Fleas (356), Bugs (70), Urticating and vesicating arthropods (25), Ticks (182), Mites (73), and Miscellaneous arthropods (35).

ARTHROPODS OF MEDICAL IMPORTANCE IN LATIN AMERICA

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 groups of arthropods.

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

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).

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 publication. 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 Latin America, or an island or group of islands in the adjacent seas, 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 (---;---;17) means that there are no data on BREEDING HABITATS or ADULT ACTIVITY for the Bahama Islands (number 17 under DISTRIBUTION, as identified in the Index of Countries) for the particular species, although the indicated reference (Porter 1967) shows that the species occurs there.

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. Except for mosquitoes, the authors present little biological data for adult arthropods.

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 geographical locations as indicated above, and may be identified by referring to the Index of Countries. All entries in this report use these numbers (in the DISTRIBUTION column of both Table 1 and Table 2) instead of the country or island name. For example, 27 is the number for Argentina. Where the authors have not recorded a specific country, an inclusive number is used. For example, 69 is the number for Central America. For explanation of symbols attached to the country numbers in this column, see paragraph c immediately below.

c. Symbols attached to the country number or to a reference date

In the DISTRIBUTION column, the country number may have a symbol attached to it, e.g., 23* or 23°. In the DATE column, the date may have a symbol attached to it, e.g., 1913+.

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 2 of this report, the next to the last entry ends with ". . .82*". This means that the species in Colombia (country 82 in the Index) 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 asterisks (**) appear, they refer to two separate diseases.

Symbol ° after the country number indicates that the species is said by the author either to bite or directly annoy man. For example, on page 2 of this report the 6th listing ends ". . .22°". This means that this particular species in Puerto Rico (country 22 in the Index) is said by the author either to bite or annoy man. These entries are not summarized, as are those marked "*" above.

Symbol + after a reference date indicates that the record is an unconfirmed entry. For example, on page 2 of this report, the 9th listing ends "Floch & Abonnenc 1945 +". This means that the particular entry "---; domestic, bite any time of day; 24**°" (country 24 in the Index is Lesser Antilles) needs further confirmation. This symbol is also used in Table 2, with the same meaning, but is there attached to the country number, in the DISTRIBUTION column. See paragraph 3 below.

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 of this report, the 2nd listing ends ". . .(Temporary rain pools)". Also on page 8, the third listing ends "(In houses)".

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. Explanation of symbol "+" which may be attached to DATE is given in paragraph c above. (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 2 of this report (Mosquitoes, Table 1), the 8th listing ends ". . .23*", and the 9th listing ends ". . .24**". We note on pages 2, 3, and 4, under the same species, other listings ending: 53*, 82*, 237*, 240*, 297*, and 328*. All these listings are summarized at the beginning of Table 2, page 187. Besides the SPECIES and DISTRIBUTION, the table also gives information on DISEASE OR DISEASE ORGANISM. Entries in these columns are discussed below.

a. SPECIES and DISTRIBUTION

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

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 187 (Mosquitoes, Table 2), the first subcolumn (VIRUS & RICKETTSIA) is broken down as: Dengue and Yellow fever, with numbers indicating the appropriate distribution.

4. Addenda to tables explained

A few entries in the Mosquito section were confirmed after the tables were typed. These entries were typed as addenda immediately following the last page of Table 1. For example, on page 186 of this report, five entries were made which merely added more information to what was already recorded in the main table.

5. Literature Cited section explained

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

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

6. 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 for 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

If there is more than one country number for a single entry, the country numbers are arranged in ascending order. For example, on page 5, the second listing reads: ". . . 85, 128, 204, 262, 328."

When there is more than one entry (that is, citation with Author and Date) under a single species and describer, the entries are listed in ascending order of country number, based on the first (lowest) number for each entry. For example, on page 2, the first listing is 17, the next 18, then 19, and the fourth entry begins with 20. Since all countries mentioned by a single author are listed in that entry, the countries under a given species are not necessarily all in numerical order when there is more than one entry for that species.

INDEX OF COUNTRIES

In 1962 a world-wide Geographic Index was published* listing countries, islands, and major regions in alphabetical order, and assigning a number to each. The following list consolidates the countries of Latin America and other territories included in this report. The countries and island groups, as named at the time of publication of the present report, are shown on the adjacent map.

All the numbers of Latin American countries are listed in order. For example, 27 stands for Argentina and 328 for Venezuela. To accommodate citations that are not by specific countries, inclusive titles are used, e.g., 69 stands for Central America. This is the principal purpose of the Index: to identify the countries or other locations represented by numbers under DISTRIBUTION (Table 1 or Table 2).

The Index also includes at least the major synonyms. The synonymy is preceded by a dash, while the numbers appear before the main entries. For example, near the end of this Index we have (in both alphabetical and numerical order): "297 Surinam or Netherlands Guiana," the main listing. Earlier we also have, in alphabetical order: " - Netherlands Guiana or Surinam 297."

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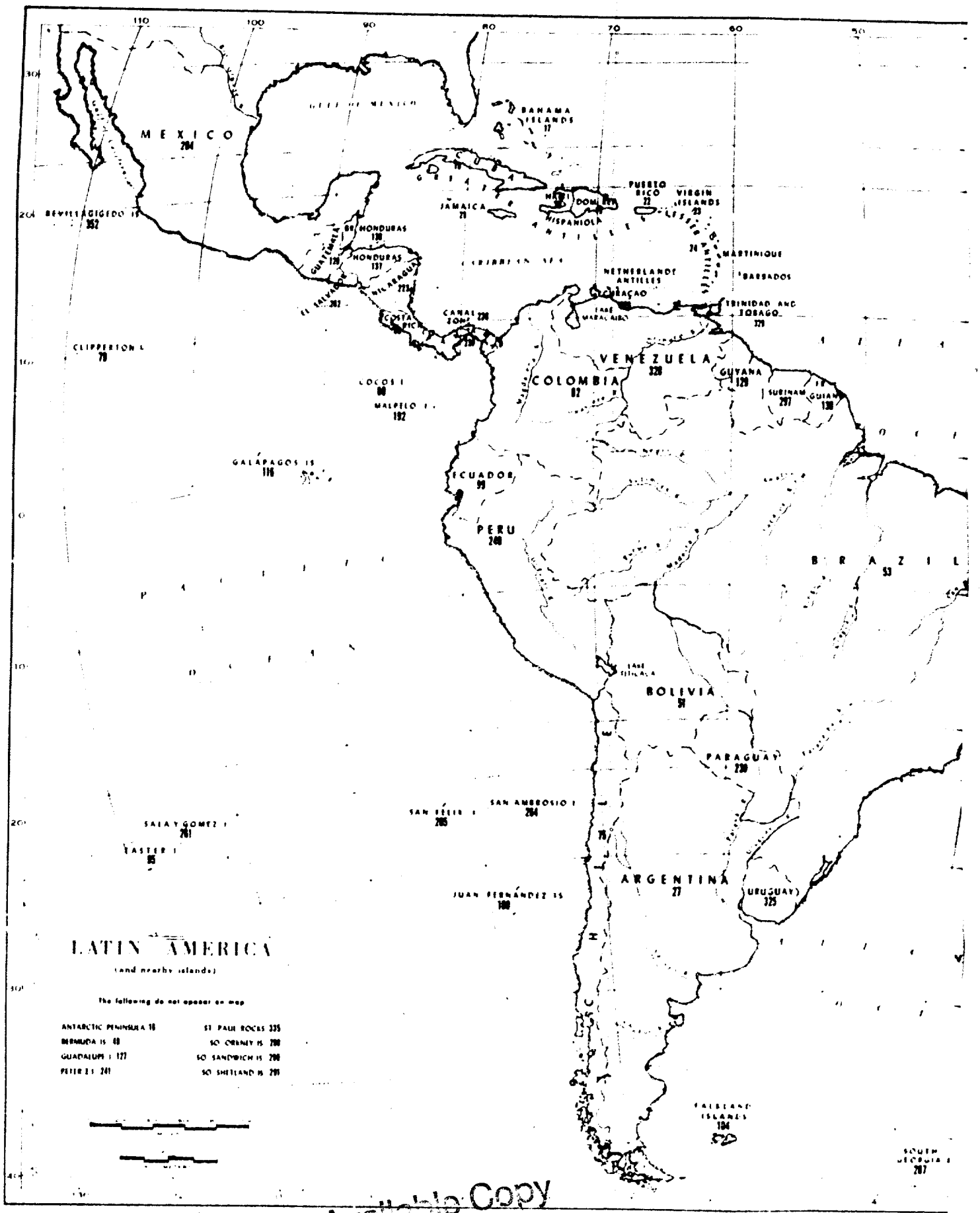
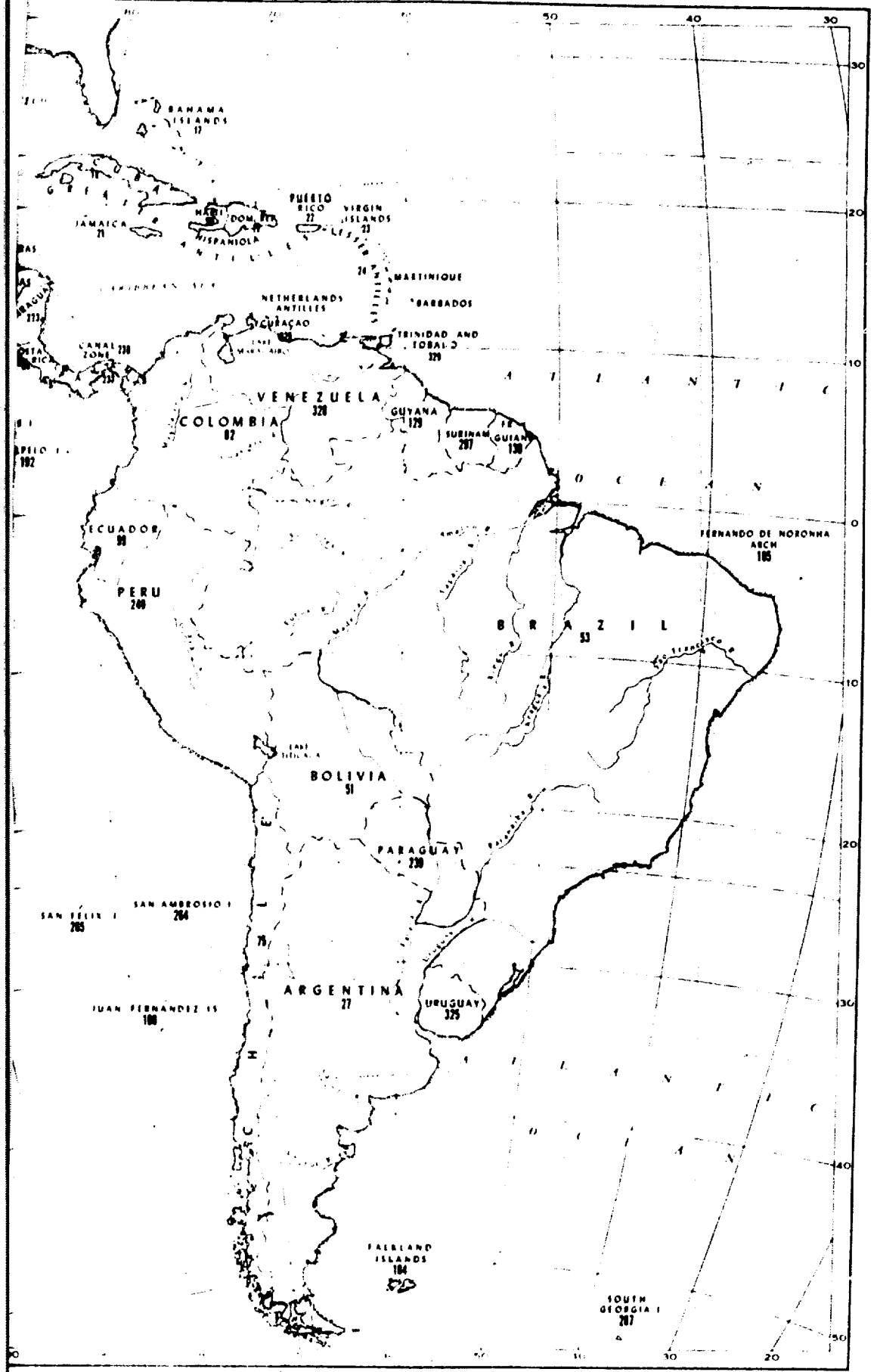
*B. V. Travis, Herbert H. Casewell, Jr., William B. Rowan, Helle Starcke, and Carl W. Ross: Classification and coding system for compilations from the world literature on insects and other arthropods that affect the health and comfort of man, Technical Report ES-4, Quartermaster Research & Engineering Center, Natick, Massachusetts, 1962





ARTHROPOD 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 Latin America. The extremely diverse ecological conditions provide habitats that are occupied by 1251 species or subspecies. The tabulation 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. For some species there is almost no information except distributional data. Such species are usually uncommon or else are thought to be of little significance as vectors.

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

TABLE 1 - MOSQUITOES

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES aegypti (Linnaeus)	---; ---; 17	Porter	1967
	---; ---; 18	Anonymous	1948
	---; ---; 19	Menor y Ortega	1936
	---; May, June; 20, 329	Sautet et al.	1958
	Artificial containers near houses; ---; 21	Edwards	1937
	Artificial containers around houses; June-Aug., in houses, bite day and night; 22°	Root	1922
	Artificial containers; ---; 23	Wilson	1922
	---; naturally infected with *Wuchereria bancrofti*; 23*, 297	Manson-Bahr	1959
	---; domestic, bite any time of day; 24**°	Floch & Abonnenc	1945 +
	Artificial containers, tree holes; in houses; 24	Edwards & Box	1940
	Rock holes; ---; 24	van der Kuyp	1948
	Artificial containers, stagnant and polluted water; Oct.; 27	Mühlens et al.	1925
	---; enters houses; 27	del Ponte	1939
	---; ---; 51	Cerqueira	1943a
	Open wells; suspected vector of yellow fever, March-June; 53	Walcott et al.	1937
	Artificial containers; common Aug.-Sept., bite during day, on ship; 53°	Strong et al.	1926
	Forest; rarely indoors; 53*	Taylor & Da Cunha	1946
	---; experimental transmission of yellow fever; 53	Laemmert et al.	1946
	---; experimentally infected with *W. bancrofti*; 53	Davis	1935
	---; May, June; 75	Dyar	1924
	Shallow pools, artificial containers; ---; 82	Dunn	1926
	---; in houses; 82*	Dunn	1929
	---; ---; 82*°	Patino-Camargo	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *aegypti* (Linnaeus) (cont.)	Artificial containers; in houses; 85	Kumm et al.	1940
	Tree holes, artificial containers; domestic, all year; 99	Campos	1925
	Artificial container; ---; 129	Bodkin	1919
	---; in houses, experimentally infected with *Wuchereria bancrofti;* 129	Giglioli	1948 a
	---; all year, bites during day; 129°	Giglioli	1948
	---; all year, in houses; 130	Floch & Abonnenc	1947 b +
	---; ---; 137	Kumm	1931
	---; ---; 138, 204	Martini	1935
	Artificial containers, pools in shallow wells; in houses; 223	Woke	1947
	Tree holes, axils of *Colocasia* leaves, artificial containers; ---; 237**, 240**	Carter	1924
	---; carrier of yellow fever, Jan., April, Dec.; 237. Artificial container; carrier of yellow fever, March-June, Nov.-Dec.; 238	Dyar	1925 c
	---; bites by day; 237°	Curry	1925
	Roof gutters; ---; 238	Siler	1933
	---; carrier of yellow fever and dengue; 238	Chamberlain & Curry	1926
	Artificial containers; Feb.-April; 240	Converse	1914
	---; in houses; 262	Kumm & Zuniga	1942
	Tree holes, artificial containers; bites by day and by night; 297°	Bonne & Bonne Wepster	1925
	---; common on plantations along coast; 297	Snijders et al.	1947
	---; ---; 297*	Flu	1926
	Artificial containers; ---; 325°	Cossio	1931

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
aegypti (Linnaeus) (cont.)	Artificial containers, rock holes; possible vector of yellow fever; 328	Hecht & Anduze	1944
	---; intermediate host of *Wuchereria bancrofti*; 328	Martorell	1939
	---; in houses; 328	Evans	1922
	---; along river; 328	Dyar	1925d
	---; ---; 328**	Ortiz	1944
	Rock holes, artificial containers; Jan., April-Sept., Dec., in houses; 329°	van der Kuyp	1948a
aenigmaticus Cerqueira & Costa	---; ---; 53	Lane	1953
albifasciatus (Macquart)	Ditches, ground pools, lagoons, artificial containers; March-May; 27	Manso Soto& Martinez	1949
	---; enters houses; 27°	Lutz et al.	1918 +
	River; ---; 27. Pools in river margin; ---; 75	Edwards	1931
	---; ---; 51, 53, 239, 325	Stone et al.	1959
	---; on shipboard; 53°	Evans & Walker	1935
	---; Apr.; 75	Matheson	1934
	---; ---; 329	Lassalle	1916 +
albonotatus (Coquillett)	---; ---; 17, 19 (Tree holes, bamboos)	Bonne & Bonne-Wepster	1925
	---; ---; 20	Root	1927
	Tree holes; ---; 24. ---; June; 328	Dyar	1928
	---; ---, 346	Stone et al.	1959
alleni Turner	Tree holes; ---; 204	Dyar	1928
allotecnon Kumm & Komp	---; ---; 85, 128, 204	Stone et al.	1959
	Bromeliads in trees; ---; 262	Kumm & Zuniga	1942
angustivittatus Dyar & Knab	---; ---; 27, 51, 53, 69, 99, 240	Stone et al.	1959
	Temporary pools; ---; 82	Komp	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES angustivittatus Dyar & Knab (cont.)	Ground pools, hoofprints, stream pools, fresh water swamps; in houses, in forest during day; 85	Kumm et al.	1940
	---; ---; 85, 128, 204, 262, 328 (Temporary rain pools)	Dyar	1928 a
	Temporary rain pools in partially cleared jungle; ---; 137	Root	1924 +
	Fresh water marsh; ---; 223	Woke	1947
	---; edge of forest; 237°	Dunn	1934
	---; Oct.; 237. ---; Jan., April-July; 238	Dyar	1925 c
	Fresh water swamps; in houses; 262	Kumm & Zuniga	1942
	---; along rivers; 328	Dyar	1925 b
annuliferus (Blanchard)	---; ---; 75	Stone et al.	1959
arborealis Bonne-Wepster & Bonne	---; ---; 53, 82, 347	Stone et al.	1959
	Rock holes; June; 130°	Floch & Abonnenc	1947 b +
	Tree holes; Jan.; 297	Bonne-Wepster & Bonne	1919 a
argenteus Poiret	---; ---; 85*	Serre	1921
	Artificial containers; ---; 129	Haslam	1925
	---; in houses; 328	Evans	1922
argyrites Dyar & Nuñez Tovar	---; ---; 328	Lane	1953
argyrothorax Bonne-Wepster & Bonne	---; ---; 51, 53, 85	Stone et al.	1959
	Tree holes; ---; 53°	Kumm & Novis	1938
	Tree holes; in forest, Mar.-June, Aug.; 130	Floch & Abonnenc	1947b +
	Tree holes; in houses; 297	Bonne-Wepster & Bonne	1919

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES	Artificial containers; ---; 85	Kumm et al.	1940
atropalpus (Coquillett)	---; ---; 204, 223, 239	Stone et al.	1959
	Rock holes, artificial containers; at high and at low elevations; 262	Kumm & Zuniga	1942
atropalpus var. *epactius* Dyar & Knab	---; ---; 85. Rock holes in stream beds; ---; 204	Knight & Marks	1952
aureostriata (Grabham)	Bromeliads, tree holes; ---; 21	Bonne & Bonne-Wepster	1925
aurites (Theobald)	Bromeliads, tree holes; ---; 21	Dyar	1928 a
	---; July; 24	Senevet & Quievreux	1941
aurivittatus Cerqueira	---; ---; 27	Duret	1950 b
	---; Feb.; 51	Cerqueira	1943
bimaculatus (Coquillett)	---; ---; 204, 262	Stone et al.	1959
buseckii (Coquillett)	---; ---; 19, 21	Porter	1967
	Flower-spaths of *Heliconia*, cacao shells; ---; 23	Bonne & Bonne-Wepster	1925
	Cacao shell; ---; 24	Dyar	1928 a
	Tree holes; ---; 24	van der Kuyp	1948
	---; ---; 91, 127, 240	Lane	1953
calopus Meigen	Wells; enters houses; 240	Dunn	1923
campestris Dyar & Knab	---; semi-arid plains; 204	Stone et al.	1959
camposanus Dyar	---; ---; 99, 240	Stone et al.	1959
canadensis (Theobald)	---; ---; 204	Stone et al.	1959
condolescens Dyar & Knab	---; ---; 17, 18, 27, 82, 128, 204, 239, 240, 346	Stone et al.	1959
	Rain pools; ---; 22	Root	1922
	---; May; 22	Tulloch	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *condolescens* Dyar & Knab (cont.)	Flooded savannahs, artificial containers; in thickets and woods, experimental transmission of yellow fever; 24	Floch & Abonnenc	1945 +
crinifer (Theobald)	---; ---; 27, 51, 82, 99, 237, 240, 325, 328	Stone et al.	1959
	Ground holes; in woods, all year; 53	Causey & dos Santos	1950
delpontei Martinez & Prosen	---; ---; 27, 51	Stone et al.	1959
dominicii (Rangel & Romero-Sierra)	Bromeliads; all year, bite man by day; 82°	Bates	1945
	---; ---; 328	Anduze	1943 a
dorsalis (Meigen)	---; ---; 204	Martini	1935
dupreei (Coquillett)	---; ---; 85	Serre	1921
	---; ---; 204	Stone et al.	1959
eucephalaeus Dyar	Flooded land, pools, streams; Feb., June, in forest; 130	Floch & Abonnenc	1947 b +
	Rain pools in the woods; ---; 297	Bonne & Boune-Wepster	1925
	---; March; 297	Dyar	1918
	---; ---; 328	Ortiz	1944
euiris Dyar	---; Feb.; 82	Dyar	1922 c
	Swamps; ---; 328	Anduze	1944
euplocamus Dyar & Knab	---; ---; 82, 137, 249	Stone et al.	1959
	Ground pools; ---; 85	Kumm et al.	1940
	---; ---; 99, 204. Rock holes above high tide; June-July; 237. Rock holes above high tide; April, July; 238	Dyar	1925 c
	Shaded water in wheel ruts; ---; 223	Woke	1947
	Seepage area, sunlight; in houses, caves, in woods during daytime, at 3,000 feet elevation; 262	Kumm & Zuniga	1942
	---; ---; 328	Ortiz	1944

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES	---; ---; 21	Thompson	1947
fasciatus Fabricius	---; ---; 128, 138	Martini	1935
	---; ---; 204** (In houses)	Vargas	1939
	---; ---; 239	Martini	1931
	---; ---; 346, 352 (Vector of yellow fever)	Martini	1930
flavipes (Macquart)	---; ---; 75	Dyar	1928 a
fluviatilis (Lutz)	---; ---; 27, 51, 85, 223	Stone et al.	1959
	Cement ant rings, rock holes; in houses; 53 (Experimental transmission of yellow fever)	Soper & Serafin	1933
	Ground holes; in woods; 53°	Causey & dos Santos	1950
	Bilgewater; June, Aug.; 53	Townsend	1934
	---; ---; 53, 130, 297 (Rock holes along rivers)	Dyar	1928 a
	---; experimental transmission of yellow fever; 53	Soper et al.	1933
	---; experimentally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; experimental vector of yellow fever; 82	Patino-Camargo	1940
	---; experimentally infected with *W. bancrofti*; 129	Giglioli	1948 a
	Rock holes, artificial containers, reservoirs; all year, in forest; 130	Floch & Abonnenc	1947 b +
	Water-filled hollows on top of boulders in river bed; ---; 137	Root	1924 +
	---; ---; 204	Lane	1953
	Rock holes along streams and sea coast; May, Oct.; 237. Rock holes along streams and sea coast; Jan.; 238	Dyar	1925 c
	Rock holes above tide level along the shore; ---; 237	Dyar	1925 b
	---; artificially and naturally infected with sylvan yellow fever; 237	Galindo et al.	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES fluviatilis (Lutz)	---; ---; 237°	Galindo et al.	1951 b
	Tree holes, clear pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	Rock holes on edge of river, rain-filled holes in rocks in full sunlight; June; 328	Hecht & Anduze	1944
fulvithorax (Lutz)	---; ---; 51, 82, 329	Stone et al.	1959
	Tree holes; in woods, all year; 53°	Causey & dos Santos	1950
	---; experimentally infected with yellow fever; 53	Whitman & Antunes	1937
	---; bite man in forest; 130°	Floch & Abonnenc	1947 b +
	---; ---; 297° (Tree holes)	Bonne & Bonne-Wepster	1925
	Tree holes; experimentally infected with yellow fever; 328	Hecht & Anduze	1944
fulvus (Wiedemann)	---; ---; 27, 130, 329	Stone et al.	1959
	---; ---; 51, 53, 99, 128, 223, 237, 297 (Rain pools, bites man, in jungle)	Dyar	1928 a
	Ground pools; in woods, all year; 53°	Causey & dos Santos	1950
	Tree holes, upland forest growth, streams; ---; 53	Laemmert et al.	1946
	---; Aug.; 82, 240	Matheson	1934
	---; ---; 138, 204	Martini	1935
	Pools; June-July; 237°. Swamps; ---; 238	Galindo et al.	1951
	---; common in jungle, Aug.; 237. ---; common in jungle, Jan., July, Aug.; 238	Dyar	1925 c
	---; on screens of hospital, July; 237	Dyar	1920
	---; ---; 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
fulvus (Wiedemann) (cont.)	---; common, Jan., Mar., May-June; 297	Bonne & Bonne-Wepster	1925
	---; active day and night; 328	Anduze	1943 a
	---; ---; 328°	Lane	1953
fulvus pallens Ross	---; ---; 18	Stone et al.	1959
grabhami Theobald	Shady places, mangrove swamps, damp meadows, irrigation and drainage ditches; ---; 22	Stage & Pratt	1950
hastatus Dyar	---; ---; 27, 51, 137, 204, 240	Stone et al.	1959
	Stream, with clean water; ---; 53	Lane	1936
	Temporary ground pools, forest pools; ---; 82	Komp	1936
	Ground pools beside slow sunny stream; ---; 85	Kumm et al.	1940
	---; March, Nov., in forest; 130	Floch & Abonnenc	1947 b +
	Surface pools in jungle; ---; 237. Surface pools in jungle; June, Aug., Dec.; 238	Dyar	1925 c
	Rain pools; bite by day in forest; 238°	Galindo et al.	1951
	Rock holes in shade of woods; ---; 328	Hecht & Anduze	1944
hortator Dyar & Knab	---; ---; 51	Stone et al.	1959
	Ground pools; ---; 53	Kumm & Novis	1938
	---; June, in forest; 130	Floch & Abonnenc	1947 b +
	Temporary pools in woods; woods;297°	Bonne & Bonne-Wepster	1925
	---; ---; 297, 329 (Rain pools)	Dyar	1928 a
inequalis Grabham	---; ---; 21	Thompson	1947
infirmatus Dyar & Knab	---; ---; 204	Stone et al.	1959
ioliota Dyar & Knab	---; ---; 328	Anduze	1941
	Tree holes; ---; 329	Dyar & Knab	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
jacobinae Serafim & Davis	---; ---; 53	Lane	1953
knabi (Coquillett)	Tree holes; ---; 204	Dyar	1928 a
kompi Vargas & Downs	---; ---; 204	Stone et al.	1959
lepidus Cerqueira & Paraense	---; ---; 53	Lane	1953
leucocelaenus Dyar & Shannon	---; March, in dense woods; 27	Martinez	1950
	---; ---; 51	Kumm et al.	1946
	Tree holes; all year, common Jan.-Mar., Oct.-Dec., in forest; 53°	Causey & dos Santos	1950
	---; naturally infected with jungle yellow fever; 53, 82, 328, 347	Levi-Castillo	1951 a
	---; ---; 53*	Galindo et al.	1953
	Tree holes; all year, common Aug.-Sept., bite by day; 82°	Bates	1945
	---; Feb., bite man in forest; 130°	Floch & Abonnenc	1947 b +
	Tree holes; March; 237. Tree holes; April-May, July; 238	Dyar	1925 c
	---; ---; 240. Tree holes; ---; 329	Dyar	1928 a
	Tree holes; Nov.-Dec., bites man in forests and woods; 328*°	Hecht & Anduze	1944
	---; experimental transmission of yellow fever; 352	Waddell	1949
leucocelaenus clarki Galindo, Carpenter, & Trapido	---; ---; 85, 223, 237	Stone et al.	1959
	---; Jan., June, Aug. & Nov., altitude 400-1000 feet, bites man in forest, possible vector of sylvan yellow fever, Sept.; 237°	Galindo et al.	1953
leucocelaenus leucocelaenus Dyar & Shannon	---; ---; 27, 53	Galindo et al.	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *leucomelas* Lutz	Tree holes; ---; 53	Prado	1935
	Tree holes, bamboo; ---; 69	Bonne & Bonne-Wepster	1925
leucophoebus Galindo, Carpenter & Trapido	---; July, Aug.; 53	Galindo et al.	1953
leucotaeniatus Komp	---; ---; 82, 85, 237	Stone et al.	1959
	Bamboo traps, tree holes; Jan., June-Dec., forest; 237°	Galindo et al.	1951
lithoecetor Dyar & Knab	Rock holes, ground pools; ---; 85	Kumm et al.	1940
	---; ---; 204, 237 (Rock holes, saline water)	Dyar	1928a
	---; ---; 223, 329	Stone et al.	1959
lynchii Brèthes	Rain puddles; ---; 27	Dyar	1919
	---; common after heavy rain; 27	Dyar	1922a
martineti Senevet	---; ---; 130	Stone et al.	1959
mediovittatus (Coquillett)	---; ---; 18, 19, 20, 21	Porter	1967
	Artificial containers, tree holes, bamboo; Feb., April, Sept.-Oct., Dec.; 22	Wolcott	1936
	Artificial containers; ---; 23, 328	Dyar	1928a
	Tree holes; ---; 23	Weathersbee	1944 +
	---; ---; 91	Lane	1953
	---; ---; 346	Stone et al.	1959
melanimon Dyar	---; ---; 238	Dyar	1926b
meprai Martinez & Prosen	---; ---; 27	Stone et al.	1959
metoecopus Dyar	Tree holes; ---; 99	Dyar	1925b
milleri Dyar	---; ---; 27, 51, 99, 240	Stone et al.	1959
	---; Feb.: 82	Dyar	1922c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
mitchellae (Dyar)	---; ---; 204	Stone et al.	1959
monticola Belkin & McDonald	---; ---; 204	Stone et al.	1959
muelleri Dyar	---; ---; 204	Dyar	1920 b
nigromaculis Ludlow	---; ---; 204	Martini	1935
nubilus (Theobald)	---; ---; 17, 329, 347	Dyar	1928 a
	---; ---; 20	Root	1927
	---; crab hole entrance, Sept.; 22	Tulloch	1937
	---; crepuscular, day biter; 53°	Kumm & Novis	1938
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	---; ---; 82	Patino-Camargo	1940
	---; in forest; 85°	Kumm et al.	1940
	---; ---; 223, 346. Surface pools in the jungle; Sept.; 237. Surface pools in the jungle; May-June; 238	Dyar	1925 c
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	---; ---; 352 (Temporary rain pools, common and troublesome to man)	Bonne & Bonne-Wepster	1925
obturbator Dyar & Knab	---; ---; 17, 21, 22	Stone et al.	1959
oligopistus Dyar	---; ---; 27, 51, 53, 329	Stone et al.	1959
	---; Feb., in forest; 130	Floch & Abonnenc	1947 b+
oswaldi var. *brasiliensis* Gordon & Evans	Tree holes; deep forest, Dec.; 53	Gordon & Evans	1922
pernai Antunes & Lane	---; ---; 51	Cerqueira	1943 a
	---; ---; 53°	Antunes & Lane	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES	Rock holes; ---; 85	Dyar	1925 c
serichares Dyar	---; ---; 223	Dyar	1928 a
pertinax Grabham	---; ---; 17, 346 (Ground pools)	Bonne & Bonne-Wepster	1925
	---; ---; 21	Thompson	1947
perventor Cerqueira & Costo	---; ---; 53	Lane	1953
pix Martini	---; ---; 138	Martini	1935
podographicus Dyar & Knab	---; ---; 82	Patino-Camargo	1940
	---; ---; 85	Serre	1921
	---; ---; 99, 328	Dyar	1928 a
	---; ---; 204	Dyar	1921 f
portoricensis Ludlow	Rain pools near a lagoon; bites man by day in mangrove swamp, July-Aug.; 22°	Root	1922
	Salt water pool; ---; 116	Johnson	1924
punctimaculata Goeldi	Shaded pools and streams in dense forest; attracted to light along river banks; 82	Dunn	1929
purpureipes Aitken	---; ---; 204	Stone et al.	1959
quadrivittatus (Coquillett)	---; ---; 51, 82, 99, 128, 204, 328	Stone et al.	1959
	Leaf bases of Bromeliads; ---, 85	Kumm et al.	1940
	---; bite in late afternoon on cloudy days; 237°	Dunn	1934
ramirezi Vargas & Downs	---; ---; 204	Stone et al.	1959
raymondi Del Ponte, Castro & Garcia	---; ---; 27	Stone et al.	1959
rhyacophilus Lima	---; ---; 53	Lane	1953
scapularis (Rondani)	---; ---; 18, 20, 21	Porter	1967

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES scapularis (Rondani) (cont.)	Roadside ditch; ---; 22	Tulloch	1937
	Grassy pools; ---; 27, 53, 346	Shannon	1931
	---; bites man in the hills; 27°	del Ponte	1939
	---; ---; 51, 53, 82, 130, 328, 329, 347 (Temporary rain pools)	Dyar	1928 a
	Swampy depression; possible vector of yellow fever, vicious biters; 53°	Soper et al.	1933
	Ground pools; all year, in woods; 53°	Causey & dos Santos	1950
	Swamps, forest; common; 53	Laemmert et al.	1946
	---; in forests, prevalent during dry season, experimental vector of yellow fever; 53	Causey & Kumm	1948
	---; experimentally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; naturally infected with *W. bancrofti*; 53*	Manson-Bahr	1959
	---; in houses; 53	Chagas et al.	1937
	---; open jungle; 82*	Komp	1936
	---; ---; 82	Patino-Camargo	1940
	---; all year, near estuaries, in hilly areas; 99°	Campos	1925 +
	---; experimentally infected with *W. bancrofti*; 129	Giglioli	1948 a
	Rain pools in partially cleared jungle; ---; 137	Root	1924 +
	---; ---; 204 *	Vargas	1939
	---; ---; 204	Stone et al.	1959
	Rock holes, saline water, irrigation overflows; in forest, bite by day; 237°	Galindo et al.	1951
	---; ---; 237	Dyar	1923 c
	---; ---; 239	Edwards	1922
	Rain pools; ---; 297	Bonne & Bonne-Wepster	1925
	Rain pools; ---; 328	Dyar	1928 a
	Excavations; ---; 328	Hecht & Anduze	1944

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
scapularis (Rondani) (cont.)	---; ---; 352	Dyar	1922 a
scapularis euplocamus Dyar & Knab	---; ---; 69, 204	Dyar	1922 a
scutellabum Boshell-Manrique	---; ---; 82	Lane	1953
septemstriatus Dyar & Knab	---; ---; 51, 223	Stone et al.	1959
	Tree holes; in forest, Sept.-Dec.; 53°	Causey & dos Santos	1950
	Tree holes; jungle; 82	Komp	1936
	Bamboo; Mar., bite man in forest; 130°	Floch & Abonnenc	1947 b +
	Artificial containers, bamboo traps, tree holes; Jan., Nov., abundant, Aug.-Dec., forest; 237°. ---; ---; 238°	Galindo et al.	1951
serratus (Theobald)	---; ---; 20, 21	Porter	1967
	---; entrances of crab holes, Oct.; 22	Tulloch	1937
	---; ---; 51, 53, 82, 85, 204, 328, 329, 347 (Temporary rain pools)	Dyar	1928 a
	Ground pools; all year, common Jan.-May, Sept.-Dec., in woods; 53	Causey & dos Santos	1950
	---; bite man day and night, experimental transmission of yellow fever; 53°	Pinto	1930
	---; ---; 69, 130	Stone et al.	1959
	Temporary pools; all year, common Jan., Apr.-June, Nov.-Dec., bite mostly by day; 82°	Bates	1945
	---; experimentally infected with yellow fever; 82	Patino-Camargo	1940
	---; infested with *Dermatobia*; 82	Bates	1943
	---; bites during day, in woods; 85°	Kumm et al.	1940
	---; ---; 128, 138	Martini	1935
	Pools and ponds; all year, in forest, bite man; 130°	Floch & Abonnenc	1947 b +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *serratus* (Theobald) (cont.)	Rain pools in partially cleared jungle; ---; 137	Root	1924 +
	---; ---; 204*	Vargas	1939
	Surface pools in jungle; July; 237. Surface pools in jungle; Aug., Nov.; 238	Dyar	1925 c
	---; coastal regions, ground level, June; 237	Galindo et al.	1950
	Surface water following rain; ---: 238	Dyar	1924 e
	---; ---; 239	Edwards	1922
	Rain pools; common in woods, day and night biters; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	Puddles, rock holes in shade of forest; May & April; 328	Hecht & Anduze	1944
sexlineatus (Theobald)	---; ---; 51	Cerqueira	1943 a
	---; ---; 82, 223, 237	Stone et al.	1959
	---; ---; 128, 204	Martini	1935
	Leaf bases of "Spanish Bayonet"; ---; 328, 329	Dyar	1928 a
	---; coastal regions; 328	Anduze	1943 a
sollicitans (Walker)	---; ---; 17 (Saline pools)	Dyar	1928 a
	---; ---; 17, 18, 21 (Salt marshes near the coast, bites man)	Bonne & Bonne-Wepster	1925
	Hoof track with brackish water; bite freely night and day; 22°	Tulloch	1937
	Mangrove swamps, crab holes; ---; 22	Weathersbee	1944 +
	---; Oct.; 22	Wolcott	1936
	Open salt marsh among grass and sedge; bite by day, all year; 48°	Balfour	1925
	Temporary pools with sea water or brackish water; ---; 204	Hoffmann	1934
squamiger (Coquillett)	---; ---; 204	Stone et al.	1959
stenei Thompson	---; ---; 21	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
stigmaticus Edwards	---; ---; 27, 51, 53, 204, 239	Stone et al.	1959
stokesi Evans	---; ---; 18, 21, 27, 51, 53, 75, 82, 91, 99, 129, 204, 239, 328, 329	Kumm	1931
taeniorhynchus (Wiedemann)	---; ---; 17, 18, 91, 138	Kumm	1931
	Salt marshes, close to shore; abundant Apr. through Dec., fly 4-5 miles from breeding place, vicious biter; 20*	Mink	1933
	Brackish water collections in limestone rock holes; ---; 21	Edwards	1937
	Temporary rain pools; bites by day in mangrove swamp; 22*	Wolcott	1936
	Clean or dirty, fresh or brackish, semi-permanent or permanent pools; ---; 22	Tulloch	1937
	---; active at night; 22	Weathersbee & Bohart	1944
	---; coastal plain; 22	Wolcott	1941
	---; naturally infected with *Wuchereria bancrofti*; 23	Manson-Bahr	1959
	---; enters houses; 23	O'Connor & Beatty	1938
	Clear, still, often brackish water without vegetation; Sept., bite man readily, experimental transmission of yellow fever; 24*	Floch & Abonnenc	1945 +
	Near edge of sea; ---; 24	Senevet & Quiévreux	1941
	---; ---; 27	Duret	1950b
	Salt water; enter houses; 48*	Balfour	1525
	---; early rainy season, in summer; 53, 240	Shannon	1931
	---; experimentally infected with *W. bancrofti*; 53	Davis	1935
	---; experimentally infected with yellow fever; 53	Whitman & Antunes	1937
	Large shallow pools with salt water; enters houses in the evening, Jan.; 82	Dunn	1929
	---; experimental vector of yellow fever; 82	Patino-Camargo	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES taeniorhynchus (Wiedemann) (cont.)	Brackish water, occasionally fresh water pools, near the sea; ---; 85	Kumm et al.	1940
	Marsh and ground pools; ---; 85	Dyar	1921 d
	Shallow, marshy, brackish, putrid pools in full sun; all year; 99°	Campos	1925 +
	Littoral marshes; ---; 99	Dyar	1925 b
	---; Apr.-June, Oct.; 116	Curran	1934
	---; ---; 128, 204	Martini	1935
	Salt water pools along base of sea wall; coastland, enters houses, Dec., Jan., July, Aug.; 129. Salt marshes; ---; 352	Cleare	1927
	---; ---; 129, 204 (Marshes, pools)	Dyar	1928 a
	---; Jan.-June, Oct.-Nov., rarely in houses, bites man in open during day; 129°	Giglioli	1948
	---; in houses, experimentally infected with *Wuchereria bancrofti*; 129	Giglioli	1948 a
	Ditches, pools, swamps, waterholes, with or without vegetation; vicious biter, all year; 130°	Floch & Abonnenc	1947 b +
	---; ---; 130	Leger	1918
	---; ---; 137	Root	1924 +
	---; ---; 204 *	Vargas	1939
	Brackish water pools, stagnant fresh water pools, muddy water, grassy ditches in partial shade or bright sun; in houses, suspected vector of dengue, vicious biter; 223°	Woke	1947
	Brackish pools along the coast; coastal marshes, fly up to 20 miles from breeding grounds, Feb., May-June, Oct.; 237. Brackish pools along the coast; coastal marshes, fly up to 20 miles from breeding grounds, May-Aug., Oct.; 238	Dyar	1925c
	Rainwater in cracks of dried mud, brackish swamps, tidal rock pools; ---; 237°	Chamberlain & Curry	1926
	---; near ground level, July; 237	Galindo et al.	1950
	Tidal marshes, pools; common April-June, in forest; 237°	Galindo et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES taeniorhynchus (Wiedemann) (cont.)	---; most active at dawn and dusk, fly some distance from breeding places to feed; 238°	Zetek	1915
	---; June-Aug., Sept., vicious biter; 238°	Siler	1933
	---; in houses, woods during day; 262	Kumm & Zuniga	1942
	Salt water swamp, dirty puddle; in houses, common near the coast, bites day and night; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	Salty lagoons; experimental transmission of yellow fever; 328	Hecht & Anduze	1944
	---; in houses; 328	Dyar	1925 d
	After rains in brackish water; rare; 329	van der Kuyp	1949 a
	---; ---; 346	Stone et al.	1959
taeniorhynchus var. *niger* Giles	---; ---; 21. Roadside trench, saline pools among mangroves, crab holes in forest; in houses; 24	Edwards & Box	1940
terrens (Walker)	---; ---; 27	Duret	1950 b
	---; ---; 51	Cerqueira	1943 a
	Tree holes; all year, in woods; 53°	Causey & dos Santos	1950
	---; possible vector of yellow fever, common during dry season; 53	Causey & Kumm	1948
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	---; ---; 69, 352	Stone et al.	1959
	Tree holes; ---; 82	Komp	1936
	---; experimentally infected with yellow fever; 82	Patino-Camargo	1940
	Tree holes; ---; 85	Kumm et al.	1940
	Tree holes; ---; 99	Campos	1925 +
	Tree holes; Jan., Mar., June, Aug.-Sept., marshes and forest; 130	Floch & Abonnenc	1947b +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES	---; transmits yellow fever; 204*	Vargas	1939
terrens (Walker) (cont.)	---; ---; 204. Tree holes; Jan.-June, Dec.; 238	Dyar	1925 c
	Tree holes, artificial containers; ---; 223°	Woke	1947
	Tree and bamboo holes; June-Jan., abundant Aug.-Dec.; 237°. Bamboo traps; ---; 238°	Galindo et al.	1951
	Tree holes, bamboo; forests; 262	Kumm & Zuniga	1942
	Tree holes; bite in daytime; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	Tree holes, rock holes, forest; ---; 328	Hecht & Anduze	1944
	Tree holes; ---; 329	Dyar	1928 a
thelcter Dyar	---; ---; 204	Martini	1935
thorntoni Dyar & Knab	Tree holes, bamboos; ---; 69	Bonne & Bonne-Wepster	1925
	---; ---; 223. Tree holes; March, June; 237. Tree holes; Jan., July-Aug., Dec.; 238	Dyar	1925 c
tormentor Dyar & Knab	---; ---; 128, 137, 204	Stone et al.	1959
tortilis (Theobald)	Temporary ground pools; ---; 17, 23	Dyar	1928 a
	---; ---; 18, 19, 20	Porter	1967
	---; ---; 21, 128, 204, 346	Stone et al.	1959
	Field water; ---; 22	Stage & Pratt	1950
	---; May, Sept., Oct.-Nov.; 22°	Tulloch	1937
	---; at high altitudes; 22	Wolcott	1941
tortilis auratus (Grabham)	---; ---; 21	Thompson	1947
tortilis balteatus Dyar & Knab	---; ---; 19	Dyar	1922 a
	---; ---; 20	Root	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES			
tortilis bracteatus Coquillett	---; ---; 18	Dyar	1922 a
tortilis plutocraticus Dyar & Knab	---; ---; 17	Dyar	1922 a
tortilis tortilis Theobald	---; ---; 21	Dyar	1922 a
tortilis virginensis Dyar	---; Aug.; 23	Dyar	1922 a
tracei Senevet & Quiévreux	---; ---; 24	Lane	1953
triseriatus (Say)	---; ---; 204*	Vargas	1939
trivittatus (Coquillett)	Ground pools; ---; 69	Bonne & Bonne-Wepster	1925
	---; ---; 137	Bequaert	1925
	---; ---; 204	Dyar	1922 a
	---; ---; 237	Dyar	1923 c
	---; ---; 328	Evans	1922
trivittatus cuneatus Dyar & Knab	---; ---; 69, 204. ---; Jan.-March, July, Nov.; 85	Dyar	1922 a
upatensis Anduze & Hecht	Exposed rock holes; ---; 328	Hecht & Anduze	1944
vanemdeni Martini	---; active during day; 51	Martinez	1950 a +
varipalpus (Coquillett)	---; at 6,200 feet elevation, Oct.; 204*	Ross	1943
walkeri (Theobald)	Bromeliads; ---; 21	Dyar	1928 a
whitmorei Dunn	Small, heavily shaded pool with clear stagnant water; ---; 82	Dunn	1918
	---; ---; 328	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
AEDES *zoosophus* Dyar & Knab	---; ---; 204	Stone et al.	1959
AEDEOMYIA *squamipennis* (Lynch Arribálzaga)	---; ---; 27, 53, 82, 85, 99, 128, 137, 204, 237, 240, 328, 329, 347 (Weedy swamps and ponds, usually with *Pistia*)	Lane	1953
	---; Feb., attracted to light at night in canyon; 27	Martinez	1950
	---; Oct.; 27	Mühlens et al.	1925
	---; ---; 51	Cerqueira	1943 a
	Pools; enters houses, June-Oct.; 53°	Townsend	1934
	---; ---; 53, 82, 85, 99, 328, 329 (Water with vegetation, bites man)	Dyar	1928 a
	---; July-Aug., enter houses, attracted to artificial light; 53	Strong et al.	1926
	Pistia plants along river; common all year, active in the evening; 82°	Dunn	1929
	Pistia; ---; 82	Dyar	1925 a
	Swamps with *Pistia*; ---; 85	Kumm et al.	1940
	Permanent wells; all year; 99	Campos	1925 +
	---; bites man day and night, all year; 129°	Giglioli	1948
	---; in houses, experimentally infected with *Wuchereria bancrofti*; 129	Giglioli	1948 a
	Pools, swamps, sunny savannahs, lakes with vegetation; July-Aug., in houses; 130	Floch & Abonnenc	1947 b +
	---; ---; 138, 204	Martini	1935
	Stagnant stream with vegetation; ---; 223	Woke	1947
	Pools with *Pistia* or *Chara*; June; 237. Pools, *Pistia* or *Chara*; Jan., April, Aug.-Sept.; 238	Dyar	1925 c
	Water with vegetation; ---; 237	Dyar	1925 b
	---; ---; 239	Edwards	1922
	---; Aug.; 240	Matheson	1934
	Clear water with green algae; enter houses at night; 297	Bonne & Bonne-Wepster	1925
	Lagoons with vegetation; ---; 328	Hecht & Anduze	1944
	---; along rivers; 328	Dyar	1925d

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES acanthotorynus Komp	---; May-July, dark corners of outside walls near sea; 130	Floch & Abonnenc	1947 +
	---; ---; 240, 347	Levi Castillo	1949
albimanus Wiedemann	---; ---; 17	Porter	1967
	Mangrove swamps, brackish water, sluggish streams, lakes and ponds, in brick and borrow pits; experimentally infected with malaria, all year; 18°	Carr & Hill	1942
	---; experimentally infected with *Plasmodium vivax* and *P. falciparum*; 18. ---; ---; 19, 20, 21, 22, 23, 24, 82, 99, 128, 137, 138, 223, 237, 297, 328 (Sunlit fresh, brackish or salt water with aquatic vegetation, enters houses to bite). ---; experimentally infected with *P. falciparum*; 68*. ---; naturally infected with malaria; 85. Artificial containers; ---; 204 . ---; experimentally infected with *P. vivax* and *P. falciparum*, in houses, naturally infected with malaria; 237. ---; naturally infected with malaria; 262	Simmons & Aitken	1942
	---; ---; 18*, 19*, 20*, 21*, 22*, 82*, 85*, 127*, 128*, 137*, 138*, 223*, 237*, 240*, 262*, 328*. ---; in low-lying coastal areas; 99*. ---; coastal lowlands and valleys of large rivers; 204*	Russell	1956
	---; ---; 18, 20, 21, 22, 82, 85, 91, 128, 137, 138, 204, 223, 237, 328, 346 (Sunny ponds and lakes with floating vegetation, pools with algae, hoofprints, seepages, artificial containers)	Komp	1942
	Crab holes; ---; 20. ---; crab holes; 128. ---; April; 238 (Active at twilight, bites man)	Vargas	1950
	---; common Nov.-Jan.; 20	Paul&Bellerive	1947 +
	Fresh water swamps; Oct.-Feb.; 21	Washburn	1933
	---; summer and autumn; 21°	Boyd & Aris	1929
	Permanent and temporary water by rain or irrigation; enters houses, active in the evening and before sunrise, naturally infected with sporozoites, Aug.-Dec.; 22	Earle	1930

TABLE 1 - MOSQUITOES (continued

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES albimanus Wiedemann (cont.)	Pools, swamps, irrigation ditches, usually unshaded but with some vegetation; July-Sept., bites man in the evening, most abundant near coast and lagoon; 22°	Root	1922
	Clean and brackish water exposed to sunlight, crab holes, mangrove swamps; common on coastal plains in April and Oct., suspected vector of malaria; 22	Stage & Pratt	1950
	Artificial containers, along margins of streams, rivers and ponds, in brackish and in fresh water; ---; 22	Tulloch	1937
	---; ---; 22 (Rain-water barrels, pools, swamps, irrigation ditches with aquatic vegetation, bites man in the evening, important vector of malaria)	Wolcott	1936
	Fresh or brackish water; rare; 23	Wilson	1922
	---; naturally infected with *Wuchereria bancrofti*; 23*	Manson-Bahr	1959
	---; experimentally infected with *W. bancrofti*; 23	O'Connor & Beatty	1938
	Shady brackish mud pool in fringing forest, sedge-swamp, pools with green algae at the edge of mangrove swamps; ---; 24	Edwards & Box	1940
	River margins; April, near rivers and lagoons, naturally infected with malaria; 27	Mühlens et al.	1925
	---; ---; 53*°	Peryassu	1922a +
	---; ---; 53, 325	Stone et al.	1959
	Ditches, furrows, fresh and brackish ponds; in tents, suspected vector of malaria; 68	Weathersbee	1946
	River, lagoons and swampy areas; principal carrier of malaria; 82	Dunn	1929
	---; common during rainy season, active at night, all year, peak July; 82. ---; in houses, all year, peak in June; 238°. ---; Nov.-Dec.; 262	Kumm & Zuniga	1944
	---; ---; 82, 99, 240, 328, 347, 352 (Bodies of limpid water, pools, polluted covered irrigation ditches, vegetated swamps, artificial containers, in houses, possible vector of malaria)	Levi Castillo	1949
	Swamps, seepage areas, hoofprints, ground pools, ditches, borrow pits, stream pools, brackish water, sunny ground pools with or without *Spirogyra*; in houses; 85	Kumm et al.	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES albimanus Wiedemann (cont.)	---; Sept.-Feb.; 85. ---; ---; 237	Kumm	1941
	---; ---; 91	Christophers	1924
	Fresh water sunlit pools, clean or dirty, leaves of plantains and coconut husks, creeks with *Spirogyra, Pistia,* near dark places by day; enters houses, attracted by light, Nov.-June; 99	Levi Castillo	1945
	---; enters houses, bites man especially at dusk. 99°	Levi Castillo	1946
	---; carrier of malaria; 127	Roy & Brown	1954
	Hoofprints, near spring in sandy plain with little vegetation; ---; 128°	De Leon	1940 +
	---; ---; 130	Leger	1918
	Swamps, roadside drains and irrigation ditches, margins of brackish creeks, ricefield, pools with vegetation; ---; 139°	Ram	1942
	---; naturally infected with malaria, common, enters houses; 138	Kumm & Ram	1941
	Tanks and troughs with much floating algae, never in deep shade, edges and backwaters of rivers; enters houses; 204°	Hoffmann	1934
	---; all year; 204	Vargas & Martinez Palacios	1955
	Fresh water pools, hoofprints, wheel ruts, ditches, trenches, borrow pits, marshes, stream pools, artificial containers; in houses, bites at night, in shady places during day; 223*°	Woke	1947
	Clean, sunny, still or running fresh or brackish water; all year, common, enters houses, naturally infected with malaria; 237°	Baxter & Zetek	1944
	Floating vegetation in river; Sept.-Feb., enters houses; 237	Clark et al.	1941
	Shallow vegetation covered areas of lakes and tidal swamps; ---; 237	Curry	1925
	---; bites by day in forest; 237°	Galindo et al.	1951
	Fresh sunlit water, brackish water, artificial containers, treeholes; in houses from dusk until dawn; 238*°	Shropshire & Zetek	1927

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES albimanus Wiedemann (cont.)	Shallow water along shore-line; suspected vector of malaria, experimentally infected with *Plaemodium falciparum*, indoors, common; 238	Simmons	1937
	Large bodies of water containing vegetation; suspected important malaria carrier, March, June, Oct.-Dec.; 238	Dyar	1925 c
	Salt marshes; common; 238	Zetek	1915
	---; infected with sporozoites; 238	Walker & Barber	1914
	Sunny ditches, borrow pits, seepage areas, among vegetation in pools at sides of streams, rivers and ponds; ---; 262	Kumm & Zuniga	1942
	---; common in less than 450 meter altitude, infected with sporozoites; 262	Sutter & Suniga	1942
	Lagoons, flood pools along river margins, irrigation canals, culverts, shallow marshy ponds with or without vegetation, artificial containers, hoofprints, in turbid or clear, temporary or permanent waters exposed to sunlight; all year, common June-Oct., enter houses, bite at night, naturally infected with malaria; 328°	Cova-Garcia	1951
	---; ---; 328*, 346	Cova Garcia	1943
	---; ---; 329*, 347*	Lane	1953
	---; ---; 329	Rozeboom	1942
albimanus bisignatus Hoffmann	Sunny river pools at high altitudes; ---; 128	De Leon	1940
	---; ---; 204	Senevet	1948
albimanus trisignatus Hoffmann	Sunny river pools at high altitudes; ---; 128	De Leon	1940
	---; ---; 204	Senevet	1948
albitarsis Lynch-Arribálzaga	---; ---; 21	Thompson	1947
	Ground pools, borrow-pits, footprints; enters houses, Feb., Oct.; 27	del Ponte	1943
	In streams and lagoons; ---; 27	Shannon & Davis	1927
	---; bites in afternoon; 27°	del Ponte	1939
	---; enters houses, March; 27	Davis & Shannon	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES albitarsis Lynch-Arribálzaga (cont.)	---; possible vector of malaria; 27, 53, 239, 325, 328, 347. Bodies of water of any type, clean or dirty, but not shaded; ---; 352	Levi-Castillo	1949
	---; ---; 27, 53, 239, 328 (Carrier of malaria)	Kumm	1929
	---; in houses; 51	Hart et al.	1948
	Along edges of dam shaded by trees and with little vegetation, exposed outlets and abandoned ditches; enters houses, active at night, Oct.-Dec.; 53°	Barretto	1940
	Excavations, natural pools; common, enters houses, day and night, bites in forest; 53°	Pinto	1930
	---; experimentally infected with *Plasmodium vivax, P. falciparum*, March-April, May; 53	da Fonseca & da Fonseca	1943
	---; experimentally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; bites man in the open; 53*. ---; ---; 82*. ---; suspected vector of malaria; 239. ---; ---; 329*	Russell	1956
	Grassy ground pools; ---; 82	Komp	1936
	---; Feb.-April, Nov.; 82	Bates & de Zulueta	1949
	---; ---; 85, 128	Stone et al.	1959
	Ponds, drains, temporary rain water collection; ---; 129	Bruce et al.	1943
	---; in houses, bites man outdoors; 129°	Giglioli	1948
	---; experimentally infected with *W. bancrofti*; 129	Giglioli	1948 a
	Fresh, clean, sunny, still waters; rarely in houses, naturally infected with malaria, all year; 237	Baxter & Zetek	1944
	Sunny stream pools, ponds with aquatic vegetation in full sunlight; April-May; 238	Komp	1942
	---; ---; 325	Hackett	1945
	Large or small collections of clear or turbid water, fresh water with or without vegetation, usually in sunlight, rain pools, lagoons, pits or holes filled by ground water, swift streams, irrigation canals; all year, common June-Oct., enters houses, bites at night; 328°	Cova-Garcia	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *albitarsis* Lynch Arribálzaga (cont.)	Swamps; suspected vector of yellow fever; 328	Hecht & Anduze	1944
	Grassy banks of clear running streams and clear spring water seepages, ricefields in rainy season; ---; 329	de Verteuil	1931
albitarsis albitarsis Arribálzaga	Rivers, calm water; March-April; 27*	Mühlens et al.	1925
	---; ---; 27, 69 (Swamps, woods)	Lane	1953
	Everywhere except shade; common; 53	Deane et al.	1946 a
	---; in houses, carrier of malaria; 53°. ---; ---; 237	Rozeboom	1942
	Stream pools, sunny ponds with vegetation; ---; 85	Kumm et al.	1940
albitarsis domesticus Galvao & Damasceno	---; forest, enter houses; 53*°	Lane	1953
albitarsis limai Galvão & Lane	---; rarely enters houses, common; 53	Deane et al.	1946
annulipalpis Lynch Arribálzaga	---; ---; 27, 53, 325 (Water with *Typha*, rare)	Levi-Castillo	1949
anomalophyllus Komp	---; ---; 82, 237. Streams of shaded moving water; rare; 352	Levi-Castillo	1949
	Stream pools; ---; 85	Kumm et al.	1940
	---; ---; 85, 237 (Grassy stream margins)	Komp	1942
	---; ---; 85, 237 (Small shaded streams, rare)	Simmons & Aitken	1942
	Fresh, clear, shaded running water; rare; 237°	Baxter & Zetek	1944
anoplus Komp	---; experimentally infected with *Plasmodium vivax*; 53	Da Fonseca & Da Fonseca	1943
	---; ---; 82, 297 (Water in Bromeliads)	Simmons & Aitken	1942
	---; ---; 329	Stage & Gilette	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES antunesi Galvão & Amaral	---; ---; 27	Duret	1950b
	---; in woods; 53°	Boyd	1949
	---; ---; 53, 347. Small pools in dry stream beds, shaded; ---; 352	Levi Castillo	1949
apioimacula Dyar & Kneb	---; ---; 51, 53, 99, 240, 347. Shady water, riverbeds with much vegetation; ---; 352	Levi-Castillo	1949
	---; rare; 82	Komp	1936
	---; ---; 82, 85, 128, 129, 138, 204, 237, 262, 297, 328, 329 (Shaded ground pools, pools in sluggish streams, swamps). Pools outside forests; at high and low altitudes; 128°. ---; rare in dwellings; 237°	Simmons & Aitken	1942
	---; ---; 82, 85, 128, 137, 138, 237, 328, 329 (Jungle pools in deep shade, swamps, pools in shaded slow streams)	Komp	1942
	Streams, pools, seepage areas, ditches, swamps, artificial containers, hoofprints; ---; 85	Kumm et al.	1940
	Shallow marshy pools with vegetation, rain pools; Feb.-June; 99°	Levi-Castillo	1945
	Pools; ---; 128°	Giaquinto Mira	1936
	---; near houses; 129°. Small pools in woods; enters houses at night to bite; 297°	Bruce et al.	1943
	---; March-June, Aug., Oct.-Dec.; 204	Vargas & Martinez Palacios	1955
	Fresh, clean, shaded, still or running water; all year, common April-Feb., rare in houses; 237	Baxter & Zetek	1944
	Sheltered, grassy pools with clear water; ---; 237	Curry	1925
	---; forest, near ground, bite by day; 237°	Galindo et al.	1951
	Streams in hills; ---; 238	Curry	1928
	Ground pools; Dec.; 238	Dyar	1922 d
	---; experimentally infected with *Plasmodium falciparum*; 238	Simmons	1937
	Shaded springs, sunny ground pools with vegetation; ---; 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES apicimacula Dyar & Knab (cont.)	Small pools in woods; enters houses at night; 297°	Bonne & Bonne-Wepster	1925
	Irrigation canals or ditches, slow-flowing rivers or brooks, rain pools, seepage areas, pools formed by drying of streams or flooding of rivers, in clear or turbid, temporary or permanent water with or without vegetation, usually somewhat shaded; all year, rarely enter houses; 328	Cova-Garcia	1951
	---; ---; 346	Christophers	1924
aquasalis Curry	---; suspected vector of malaria; 23. ---; ---; 23, 129, 329 (Brackish water). Collections of fresh water; ---; 329	Rozeboom	1942
	---; experimentally infected with *Plasmodium falciparum*, in houses, naturally infected with malaria; 24°. ---; naturally infected with malaria; 53, 82. ---; in houses; 129. ---; ---; 223. Fresh water in shade or sunlight, brackish swamps along sea coast; experimentally infected with *P. falciparum*; 237. Ricefields; in houses, naturally infected with malaria; 329*°	Simmons & Aitken	1942
	---; ---; 24*, 127*. ---; possible vector of malaria in the coastal zones; 297. ---; ---; 329*	Russell	1956
	Small, sunlit or partially shaded collections of water, sometimes fresh, but usually brackish, ponds, ditches, lagoons, borrow pits; in houses; 53°	Deane et al.	1948
	Brackish and fresh water along coastal areas; ---; 53, 130	Causey et al.	1945
	---; common in houses, Jan.-Feb.; 53	de Lucena	1946
	---; abundant in houses; 53*	Deane et al.	1946
	---; naturally and experimentally infected with [illegible]; 53	Causey et al.	1945 a
	---; possible vector of malaria; 53, 82, 99, 328, 347, 352 (Bodies of salt water with vegetation, especially salt water inlets, enter houses)	Levi Castillo	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES aquasalis Curry (cont.)	Brackish waters in the coast, sunny places; enters houses, Jan.-June; 99°	Levi Castillo	1945
	---; possible vector of malaria; 99	Levi Castillo	1946
	---; all year; 99	Campos	1929 +
	Brackish water; in houses; 129°	Giglioli	1948
	Shallow drains with clear water; ---; 129	Bodkin	1921 +
	---; carrier of and experimentally infected with *Wuchereria bancrofti*; 129	Giglioli	1948 a
	Any collection of fresh and brackish water; all year, bite man in woods, occasionally in houses, naturally and experimentally infected with malaria; 130°	Floch & Abonnenc	1947 +
	---; ---; 204, 325	Lane	1953
	---; ---; 223, 237, 329, 346 (Enters houses, bites man, vector of malaria). Shaded or sunlit brackish tidal swamps; ---; 237. Fresh water in ricefields; ---; 329	Russell et al.	1943
	Brackish water in mangrove swamps; ---; 237, 329. Saline swamps; ---; 238	Komp	1942
	---; in forests, bites by day; 237°	Galindo et al.	1951
	---; common; 237	Baxter & Zetek	1944
	Impounded lakes; ---; 238	Siler	1933 +
	---; common in coastal areas, in houses, suspected vector of malaria; 297	van der Kuyp	1949
	Open, sunny, salty water with scant vegetation near seashore; Nov.-April; 328	Gabaldon et al.	1940
	Any collection of still, non-polluted water, fresh or salty; all year, bite at any time; 329°	De Verteuil	1931 +
	Along the coast in swamps and inland fresh water collection; ---; 329*	Rozeboom & Laird	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES aquasalis (Curry) (cont.)	Water with floating vegetation; ---; 329°	Anonymous	1944 +
	Brackish water, coastal swamps, fresh water streams, ponds and dams; ---; 329	Stage & Gillette	1947
argyritarsis Robineau-Desvoidy	---; ---; 21	Thompson	1947
	---; experimentally infected with oöcysts of *Plasmodium falciparum*, naturally infected with malaria; 23. ---; ---; 23, 27, 53, 82, 85, 128, 137, 136, 204, 223, 237, 239, 252, 328, 329 (Ground pools, hoofprints, springs, pools in stream beds, shade or sunlight). ---; suspected vector of malaria; 53. Artificial containers; rarely in houses; 237. ---; suspected carrier of malaria; 329	Simmons & Aitken	1942
	---; ---; 23, 27, 53, 129, 130, 137, 204, 223, 239, 297, 328, 329 (Carrier of malaria)	Kumm	1929
	Pools with green algae at the edge of sluggish streams; ---; 24	Edwards & Box	1940
	Shallow, rapid, sunlit rivers, stream pools; enters houses at night; 24°	Cochrane	1942 a
	Grassy margins of sunlit running streams; all year; 24	Earle	1933
	Tree holes; ---; 24	Francois-Julien	1930
	---; suspected vector of malaria; 24	Cochrane	1942
	---; experimentally infected with *Plasmodium falciparum*, March; 24. ---; experimentally infected with oöcysts; 237	Da Fonseca & Da Fonseca	1943
	On algae along river, puddles; July, Oct.; 27	Shannon & Davis	1927
	Clear running water; ---; 27	Martinez	1950
	Pockets of clear water among growths of grass; March, May, Dec.; 27	Davis & Shannon	1928
	Ditches with vegetation; ---; 27	Del Ponte	1943
	---; bites man especially in the afternoon; 27°	Del Ponte	1939
	---; possible vector of malaria; 27, 53, 82, 325, 328, 347 (Mountain streams, lowland streams, hoofprints)	Levi Castillo	1949
	---; ---; 51	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES argyritarsis Robineau-Desvoidy (cont.)	Shallow pools, small swamps, overflows and abandoned ditches exposed to the sun; Oct.-Dec., enters houses, most active at sunset; 53*	Barretto	1940
	Water exposed part of the day, ponds, pools, puddles with or without vegetation, open wells; Feb.-June; 53	Root	1926
	Mountainous and lowland streams and pools; common; 53	Deane et al.	1946 a
	Shady, rocky pool; naturally infected with malaria; 53*	Davis	1926
	Tiny marsh, with grasses and aquatic plants; ---; 53	Root	1927 a
	---; experimentally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; ---; 53, 82, 129, 130, 328 (Hoofprints and pastures, small seepages from streams)	Bruce et al.	1943
	---; ---; 53, 204, 238, 346 (Small ground pools, artificial containers)	Dyar	1925 c
	---; at 2000 meters elevation; 75	Hackett	1945
	Edges of small streams at an elevation at 3000 feet, cattle tracks and small pools; along river banks, transmits malaria; 82*	Dunn	1929
	Grass ground pools; ---; 82	Komp	1936
	---; Jan., March-April, Aug., Nov.-Dec.; 82	Bates & Zulueta	1949
	Running streams, pooled streams and seepage areas, borrow pits, rock holes, artificial containers; in houses; 85*	Kumm et al.	1940
	---; ---; 85, 128, 137, 223, 237, 328, 329, 346 (Shaded rocky stream pools, seepages, hoofprints, springs)	Komp	1942
	---; ---; 127*, 328*	Russell	1956
	Artificial container; clear streams; 129	Bodkin	1921
	---; enters houses, inside bed nets; 137. ---; common in jungle; 238	Komp	1941
	---; Jan., March-July, Sept.-Dec.; 204	Vargas & Martinez Palacios	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES argyritarsis Robineau-Desvoidy (cont.)	---; ---; 204*	Bustos-Castellanos et al.	1949
	Clean, fresh, sunny and shaded, running and still water; all year, common Jan.-Feb., rarely in houses; 237*	Baxter & Zetek	1944
	---; within 1/2 mile of breeding place, experimentally infected with malaria; 237	Curry	1925
	Small ground pools, artificial container; Jan.-March, May-June, Oct.-Dec.; 238	Dyar	1925 c
	---; naturally infected with malaria, in houses; 238	Simmons	1937
	Small streams, land pools, lakes and artificial pools; ---; 240	Shannon	1930
	Sunny ditches, borrow pits, swamps, seepage areas, streams, hoofprints; ---; 262	Kumm & Zuniga	1942
	Ground pools and swamps with green algae; houses in the interior, naturally infected with malaria oöcysts; 297	Bonne & Bonne-Wepster	1925
	Irrigation canals or ditches, springs, stream pools, fast streams, seepage areas, pits filled by ground water, rain pools, lagoons, in slow current of rivers and brooks, in turbid or clear, temporary or permanent fresh water with or without vegetation, in sun or shade; all year, common July-Oct., enters houses; 328	Cova-Garcia	1951
	Irrigation ditches; ---; 328	Anduze	1943 a
	Swamps; ---; 328	Hecht & Anduze	1944
	---; Aug.-Sept.; 328	Anduze	1943
argyritarsis argyritarsis Robineau-Desvoidy	Grassy ditches, sugar cane fields, rarely in bromeliads, heavily vegetated swamps; in forest; 24	Floch & Abonnenc	1945 +
argyritarsis var. *cruzii* Chagas	---; ---; 53	Christophers	1924
argyritarsis *lutzi* Causey, Deane, Deane & Sampaio	Mountain forest pools; ---; 53	Deane et al.	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES atropos Dyar & Knab	Brackish water swamps along coast; ---; 18	Carr & Fernández Melendez	1942
	---; ---; 18 (Salt marsh areas, enters houses at night to bite, experimentally infected with *Plasmodium vivax*)	Simmons & Aitken	1942
	---; ---; 18 (Permanent pools in salt marshes, bites by day)	Russell et al.	1943
	---; ---; 21	Thompson	1947
	---; ---; 204	Martini	1935
aztecus Hoffman	---; ---; 204*	Russell	1956
bachmanni Petrocchi	---; ---; 27	del Ponte	1939
	---; experimentally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; July; 53°	Lane	1936
	---; ---; 82	Patino-Camargo	1940
	Streams; ---; 85	Kumm et al.	1940
	---; experimentally infected with *Plasmodium vivax*; 238	Simmons	1937
	---; ---; 328 (Pond with *Pistia*)	Dyar	1928 a
bachmanni davisi Paterson & Shannon	---; ---; 27	Shannon	1931 a
bachmanni peresi Shannon & Del Ponte	---; ---; 27	Shannon	1931 a
bambusicolus Komp	---; ---; 27	Duret	1950 b
	Bamboo joints; ---; 53, 82	Lane	1953
	---; possible vector of malaria; 53, 82, 99, 328, 347 (Bamboo holes, pools with vegetation)	Levi Castillo	1949
	---; March; 53°	Rachou & Neto	1950
	---; rare; 99	Levi Castillo	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES barberi Coquillett	---; Oct.; 204	Vargas & Martinez Palacios	1955
	---; ---; 204 (Bites man, experimentally infected with *Plasmodium vivax*)	Simmons & Aitken	1942
	---; ---; 204 (Tree holes, occasionally shaded artificial containers)	Russell et al.	1943
bathanus Dyar	---; ---; 82, 99, 240, 328, 347. Streams with vegetation and floating leaves; rare; 352	Levi Castillo	1949
	---; ---; 85. Edges of swift running streams; ---; 237. Potholes in soft coral rock; ---; 238	Dyar	1928 a
	Streams in hills; Dec.; 238	Curry	1928
bellator Dyar & Knab	---; ---; 24, 346	Christophers	1924
	Artificial containers, Bromeliads; enters houses, low susceptibility to *Plasmodia*; 53	Davis	1926
	---; bites man in the open; 53*°. ---; ---; 329*	Russell	1956
	---; possible vector of malaria; 53, 328, 347 (Bromeliads, tree holes)	Levi Castillo	1949
	---; ---; 53, 328 (Bites in shade of forest during daytime and at night). Bromeliads; forests, June-Aug., enters houses, in bed nets, naturally infected with malaria; 329*	Simmons & Aitken	1942
	Uncut bamboo stems, Bromeliads; ---; 82	Komp	1936
	---; in houses, bites man outdoors; 129*	Giglioli	1948
	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925
	Bromeliads, tree holes; in houses, bites by day and night commonly between 6:00 and 8:00 p.m., experimentally and naturally infected with *Plasmodium*; 329 *	Roubaud & Laird	1942
	---; experimentally infected with oöcysts and sporozoites; 329	Da Fonseca & Da Fonseca	1945
bellator var. *dyari* Dyar & Knab	---; ---; 99, 328	Christophers	1924
bellator var. *melas* Howard, Dyar & Knab	---; -- ; 239	Christophers	1924

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES benarrochi Gabaldon, Cova-Garcia & Lopez	Exposed or partially shaded ponds; ---; 53	Deane et al.	1946 a
	---; ---; 82	Bates & de Zulueta	1949
	---; ---; 328	Anduze	1942
	Forest pools, exposed or partially shaded with organic matter; ---; 352	Levi Castillo	1949
boliviensis (Theobald)	---; in houses, bite man at night, Jan.; 51°	Martinez	1949 +
	---; ---; 51, 82 (Bromeliads, forest)	Boyd	1949
	---; ---; 51, 82, 240 (Bite by day in jungle, suspected vector of malaria). Bromeliads; ---; 82	Simmons & Aitken	1942
	Bromeliads; all year, common June, diurnal and crepuscular, bites in evening; 82°	Bates	1945
	---; infested with *Dermatobia*; 82	Bates	1943
	Bromeliads; enters houses, suspected of carrying malaria; 99°	Levi Castillo	1945
	---; diurnal but taken once at night; 328	Anduze	1943 a
	---; Aug.-Sept.; 328	Anduze	1943
bonneae Root	---; ---; 53, 347. Streams with floating vegetation; ---; 352	Levi Castillo	1949
	---; ---; 82	Patino-Camargo	1940
	---; bite by day: 297°	Dyar	1928 a
bonnei Fonseca & Ramos	---; ---; 297	Ston et al.	1959
bradleyi King	---; all year; 204	Vargas & Martinez Palacios	1955
braziliensis (Chagas)	---; ---; 51, 329, 347	Stone et al.	1959
	---; common July-Aug.; 53	Townsend	1934
	---; ---; 53, 82, 129, 297, 328	Lane	1953
	Flooded sunny savannahs, pools, streams, temporary ponds, ricefields; Mar.-Dec., common July-Oct., bite man in houses and forests; 130°	Floch & Abonnenc	1947 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES			
bustamenti Galvão	---; ---; 53	Stone et al.	1959
canorii Floch & Abonnenc	---; Feb., in woods; 130	Floch & Abonnenc	1947 +
	---; ---; 347	Levi Castillo	1949
celidopus Dyar & Shannon	---; in woods near river; 53°	Strong et al.	1926
cenireus Theobald	---; ---; 53	Evans & Walker	1935 +
chiriquiensis Komp	---; ---; 82, 237 (Tree holes, streams)	Levi Castillo	1949
	Pools in slowly running streams in shade and in sunlight; ---; 85	Kumm et al.	1940
	Hill stream, high altitudes above 2500 meters; ---; 128	Hackett	1945
	Cold spring among rocks, tree holes, stream banks; at 6,500 feet elevation; 237	Komp	1936 a
clarki Komp	---; ---; 27, 53	Komp	1943
coronator			
camposi Dyar	---; ---; 99	Lane	1953
costa-limai Fonseca	---; ---; 53 Shaded water in forest; ---: 352	Levi Castillo	1943
crucians Wiedemann	---; ---; 17	Porter	1967
	Swamps, shaded places of open water; naturally infected with sporozoites, probable vector of malaria, July-Aug., Oct.-Nov.; 18°	Carr & Hill	1942
	Swamps; naturally infected with malaria; 18	Vargas	1950
	Ground pools, saline pools; ---; 18, 204	Dyar	1928 a
	Brackish swamps along coast; ---; 18	Carr & Fernandez Melendez	1942
	---; possible vector of malaria; 19	Russell	1956
	---; ---; 20, 91, 137, 346. Fresh water; ---; 21	Komp	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES crucians Wiedemann (cont.)	Fresh water among horizontal vegetation; possible vector of malaria; 21°	Boyd & Aris	1929
	Brackish water, hoofprints; ---; 22	Tulloch	1937
	---; ---; 82	Patino-Camargo	1940
	---; ---; 128, 137, 138, 223	Stone et al.	1959
	Brackish water along edges of mangrove swamps; seldom enters houses, bites on cloudy days; 204°	Hoffmann	1934
	---; Feb.-April, Sept., Nov.-Dec.; 204	Vargas & Martinez Palacios	1955
	---; indoors; 328	Gonzales Rincones	1916
crucians braaleyi King	---; ---; 204 (Coastal brackish water pools)	Simmons & Aitken	1942
crucians crucians Wiedemann	---; ---; 18, 21 (Stagnant, fresh water, salt marshes and swamps, experimentally infected with *Plasmodium vivax* and *P. falciparum*, carrier of malaria)	Simmons & Aitken	1942
	---; ---; 21, 137, 204 (Stagnant fresh water pools; enter houses, bite day or night)	Russell et al.	1943
	---; ---; 128, 137, 138, 223 (Swamps and marshes with vegetation)	Brennan	1951
cruzii Dyar & Knab	---; in houses, Jan.-July, Dec., experimentally infected with oöcysts; 53	Da Fonseca & Da Fonseca	1943
	---, experimentally infected with *Plasmodium vivax*, 53	Da Fonseca & Correa	1942
	---; bites man in the open; 53*°	Russell	1956
	---; suspected vector of malaria; 53, 347. Bromeliads, tree holes, bamboo; ---; 352	Levi Castillo	1949
	---; ---; 53, 85, 99, 204, 240, 297 (Bromeliads)	Dyar	1928a
	---; ---; 82	Patino-Camargo	1940
	Leaf bases of *Tillandsia*; June; 237. Leaf bases of *Tillandsia*; Jan.-Feb., May, July, Dec.; 238	Dyar	1925c
	Leaves of *Ananas magdalena*; ---; 238	Dyar	1928
	---; ---; 328	Stone et al.	1959

TABLE 1 - MOSQUITOES (Continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES cruzii	---; Feb., June, in houses; 53	Basseres	1943 +
cruzii Dyar & Knab	---; ---; 53*, 85, 99, 237, 240, 328	Lane	1953
cruzii laneanus Correa & Cerqueira	---; in houses at dusk and night, Jan.; 51°	Martinez	1949 +
	---; ---; 53	Stone et al.	1959
darlingi Root	---; possible vector of malaria; 27, 53, 82, 99, 240, 325, 328, 347. Collections of exposed or shaded water, often vegetated; domestic; 352	Levi Castillo	1949
	---; ---; 27, 53, 82, 128, 129, 130, 137, 138, 328 (Pools and lagoons with vegetation, shaded water with low salt content). ---; naturally infected with and suspected vector of malaria; 53. ---; naturally infected with malaria; 82, 138. ---; suspected vector of malaria; 129. ---; in houses, naturally infected with and suspected vector of malaria; 328	Simmons & Aitken	1942
	---; ---; 27, 128, 138, 328 (Among mats of surface vegetation, shaded, clear, fresh water of lagoons, overflows, enters houses and bites man, vector of malaria)	Russell et al.	1943
	---; ---; 51*. ---; bites man in the open; 53*°. ---; in the plains; 82*. ---; ---; 128*, 129*, 138*. ---; suspected vector of malaria; 204, 239, 297. ---; ---; 328*	Russell	1956
	---; ---; 51. ---; infected with malaria; 53. ---; enters houses; 69°, 352°. ---; enters houses; 128. ---; enters houses, Nov.; 137. Stream pools along creek; enters houses, in jungle, in shaded places, inland, March, Aug., Nov.; 138	Komp	1941
	Side bays, mats of surface vegetation in lagoon, in shade in deep water with little or no current; enters houses, carrier of malaria; 53. ---; carrier of malaria; 129, 328. Roots, debris or vegetation at shady edges of quiet pools in slowly running streams, borrow pits; Aug.; 138	Komm & Ram	1941
	Small side bay of river, small river channel with rapid current, lagoons with almost no current, small pools with vegetation, road pools; May-July; 53	Root	1926
	Swamps and large bodies of deep, still water, in regions of high humidity and much rainfall; along river valleys; 53	Deane et al.	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES darlingi Root (cont.)	River margins, ground pools; May-Aug., common May-June; 53	Townsend	1934
	Collections of sunlit or shaded water during dry and rainy seasons; ---; 53	Deane et al.	1946 a
	Large sunlit swamps with vegetation, also shaded swamps, cart-tracks, pits, water holes, tanks; ---; 53	Boyd	1949
	---; experimentally infected with oöcysts, Jan., Feb., March-June, experimentally infected with sporozoites, May, June; 53. ---; experimentally infected with oöcysts, experimentally infected with sporozoites, all year; 328	Da Fonseca & Da Fonseca	1943
	---; naturally infected with sporozoites and oöcysts; 53. ---; Sept.-Oct.; 204	Vargas	1946
	---; naturally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; ---; 53*, 129*	Manson-Bahr	1959
	---; ---; 82, 128, 137, 138, 328 (Ditches, stream pools, ponds, seepages, foot prints, in full sun or partial shade)	Komp	1942
	---; ---; 99*	Levi Castillo	1946
	Shallow drains filled with rain water, flooded pit latrines, irrigated cane fields; naturally and experimentally infected with *W. bancrofti*, carrier of malaria and filariasis; 129*	Giglioli	1948a
	Irrigation ditches, forest pools; in houses, bite man from dusk to dawn, all year; 129*	Giglioli	1948
	Exposed or shaded clear, fresh water in swamps with algae and vegetation, rain water; ---; 129	Bruce et al.	1943
	Sunny or partly shaded water with or without vegetation, ponds, streams, swamps and flooded areas; all year, common May-Sept.; 130*°	Floch & Abonnenc	1947 +
	---; enters houses; 138 (Bites man)	Kumm et al.	1943
	Standing or flowing, sunny or shaded, fresh or brackish, turbid or clear, temporary or permanent water, usually with vegetation in irrigation canals or ditches, rivers or streams with fast or slow current, lagoons, flood pools by river margins, pools in pits, rain pools, seepage, stream beds, hoofprints, artificial containers; domestic, rest in open or slightly shaded places by day; 328*	Cova-Garcia	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES	---; plains; 328	Cova-García	1943
darlingi Root (cont.)	---; ---; 352 (Bites man, vector of malaria)	Del Ponte	1940
darlingi darlingi Root	---; in houses, common in coastal areas; 297	van der Kuyp	1949
darlingi paulistensis Galvão, Lane & Corrêa	---; Oct.-Dec., enters houses; 53	Barretto	1940
dunhami Causey	---; ---; 53	Causey	1945
earlei Vargas	---; ---; 204	Senevet	1948
evansi Coquillett	---; ---; 21, 82, 85, 91, 128, 137, 138, 204, 328, 329 (Pools in rocky streams, coconut shells, bamboo joints, tree holes)	Komp	1942
	---; ---; 51, 53, 32, 99, 237, 240, 328 (Small bodies of water, tree holes, artificial containers, obscure places in forest)	Levi Castillo	1949
	Small pools, tree holes, artificial containers, in forest; ---; 53	Deane et al.	1946a
	---; March, Jan.-July, experimentally infected with *Plasmodium falciparum*; 53. ---; experimentally infected with *Plasmodium vivax*; 237	Da Fonseca & Da Fonseca	1943
	---; naturally infected with *Leptomonas anophelini*; 53	Da Fonseca & Da Fonseca	1942
	---; ---; 53, 82, 85, 99, 137, 138, 204, 237, 297, 328, 329 (Tree holes, bamboo, small pools beside streams, coconut husks, shaded rocky pools, bites man in evening)	Simmons & Aitken	1942
	Tree holes; common in jungle; 82	Komp	1936
	Stream pools, ditches, seepage areas, hoofprints, tree holes, coconut shells, Bromeliads; ---; 85	Kumm et al.	1940
	Stagnant water with *Spirogyra* or *Pistia*, rock holes; ---; 99	Levi Castillo	1945
	Swamps, rock holes, tree holes, fallen leaves; bites man by day; 128	Boyd	1949

TABLE 1 - MOSQUITOES (Continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES albimanus Coquillett (cont.)	Tree holes, artificial containers, water with decaying vegetable matter; all year: 130	Floch & Abonnenc	1947 +
	---; all year; 204	Vargas & Palacios Martinez	1955
	Rock hole in stream bed in dense shade; ---; 223	Woke	1947
	Bamboo traps, tree holes, artificial containers, ground pools covered with leaves; in tree buttresses, bites by day; 237°	Galindo et al.	1951
	Fresh, clean, shaded still water; common in Sept.-Oct., rare in houses; 237	Baxter & Zetek	1949
	Rock pools; ---; 237	Curry	1925
	---; suspected transmitter of malaria; 237	Davis	1926
	Shaded pools; ---; 238	Curry	1931
	---; experimentally infected with *Plasmodium vivax*; 238	Simmons	1937
	Spring in a cave; ---; 262	Kumm & Zuniga	1942
	Pools in dry rocky creek beds; bites man in the evening; 297°	Bonne-Wepster & Bonne	1921
	Pools in streambed, palm sheaths on ground, tree holes, woods; common; 297	Bonne & Bonne-Wepster	1925
	Tree holes, fallen leaves, swift or slow flowing rivers or streams, pools by river margins or in drying stream beds usually in clear permanent waters, more or less shaded, artificial containers; rest in dark places; 328	Cova-Garcia	1951
	---; anthrophopilic, Aug.-Sept.; 328	Anduze	1943
	---; ---; 328°	Anduze	1943 a
aquasalis Curry	Coastal areas; ---; 53, 130	Causey et al.	1945
evansae Lima	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
Anopheles	---; ---; 27, 82, 85, 129, 130, 204	Stone et al.	1959
evansae (Brèthes)	Streams, shallow pools or tiny marsh, with grasses and other aquatic plants; ---; 53	Root	1927 a
	Puddles; rare, in bushes; 53°	Pinto	1930
	---; ---; 237, 239, 328 (Ground pools, side pools of streams, marshes and seepage areas with much vegetation)	Dyar	1928 a
evansae var. *albertoi* Unti	---; ---; 53	Stone et al.	1959
evansae var. *arthuri* Unti	---; ---; 53	Stone et al.	1959
evansae var. *lloydi* Unti	---; ---; 237	Stone et al.	1959
evansae var. *ramosi* Unti	---; ---; 53	Stone et al.	1959
fajardoi (Lutz)	Swift mountain streams, among grass stems on edge of water; ---; 27, 55	Dyar	1928 a
	---; ---; 53, 347. Streams with floating vegetation; ---; 352	Levi Castillo	1949
	---; ---; 82	Patino-Camargo	1940
	--; ---; 297	Bonne-Wepster & Bonne	1923 a
fausti Vargas	Tree holes; April & May: 204	Vargas	1943
	---; ---; 223	Stone et al.	1959
	Deep, narrow tree holes; Apr., June-March; 237	Galindo et al.	1951
fluminensis Root	---; ---; 27, 51, 82, 99, 240. Shaded streams; rare; 352	Levi Castillo	1949
	Along the edges of small brook in coastal low-lands; June; 53	Root	1927 b
	---; bite man at night; 53°	Pinto	1930

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES freeborni Aitken	---; July, Aug., Oct.; 204	Vargas & Martinez Palacios	1955
	---; ---; 204 (Fresh, clear water from irrigation ditches and water pipes, seepages, enters houses, bites man)	Russell et al.	1943
gabaldoni Vargas	---; ---; 128	Lane	1953
	Shallow, shaded rain water pools; in forest, enters houses at night, Sept.-Dec., 204°	Vargas & Martinez Palacios	1946
	---; Feb.-April, July, Oct.-Nov.; 204	Vargas & Martinez Palacios	1955
galvaoi Causey, Deane & Deane	Shaded forest pools; ---; 352	Levi Castillo	1949
gambiae Giles	Sun exposed ground waters, pools with or without vegetation, streams with algae, animal tracts, well-pits, bed pools, ricefields, muddy stagnant partially shaded pools, irrigation ditch with *Pistia*; in houses; 53°	Soper & Wilson	1943
	---; naturally infected with oöcysts and sporozoites, May; 53	Da Fonseca & Da Fonseca	1943
gilesi (Peryassú)	Small, shaded collections of fresh, clear, cold running water with some organic matter; bite at dusk; 53°	Deane et al.	1943
	Clear, shaded, cool moving water in mountain forests; ---; 53	Deane et al.	1946 a
	Pools; July, Aug.-Sept.; 53	Deane et al.	1948
	---; inland; 82	Russell et al.	1943
jeyesi Rozeboom & Gabaldon	Exposed or partially shaded muddy pools and small lagoons; common; 53	Deane et al.	1946 a
	---; rarely enters houses; 53°	Deane et al.	1946
	---; ---; 32°	Anduze	1941
	---; ---; 347. Streams, pools, near river, shaded, ---; 352	Levi Castillo	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
Anopheles grabhami Theobald	Fresh water; Feb.-April, June-July, Nov.; 18	Carr & Hill	1942
	---; ---; 18, 20, 21, 22, 91, 346 (All types of water, prefer shade)	Komp	1942
	---; ---; 18, 19, 20, 21, 22, 23 (Coral rock holes, stagnant water, streambed pools, rock holes, swamps, pastures, bite at night). ---; naturally infected with oöcysts; 21. ---; experimentally infected with *Plasmodium falciparum* and naturally infected with oöcysts; 22	Simmons & Aitken	1942
	---; ---; 19*	Menor & Ortega	1934
	Shaded streams, ricefields; all year, common Jan.-Mar.; 20	Hoffmann	1927a
	Temporary pools, fresh and brackish water, swamps, rockpools; ---; 21	Boyd	1949
	---; Oct.-Feb.; 21	Washburn	1933
	Shaded streams, ditches, crab holes, brackish mangrove swamps; all year; 22. Open concrete cisterns; ---; 23	Weathersbee	1944 +
	Shaded water with much aquatic vegetation; bite in evening, on coast; 22°	Root	1922
	Shaded mangrove, reeds, grasses and sugar cane; Jan.-Mar.; 22	Earle	1930
	Brackish water; common; 22	Wolcott	1941
	---; experimentally infected with malaria; 22	Del Ponte	1940
	---; ---; 24°	Hayes	1930 +
	---; -- ; 91	Kumm	1929
	---; ---; 257	Lane	1953
Lanei Shannon	---; in houses; 53	Dyar	1928 a
Lutzia Arduze & Capdevielle	---; ---; 328	Lane	1953
Martia Ciaquinto-Mira	Troughs and wells, muddy water; experimentally infected with malaria; 128°	Ciaquinto-Mira	1936 +
	---; highlands; 128*	Vargas et al.	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES hectoris Giaquinto-Mira (cont.)	---; ---; 128, 204 (Troughs, wells, small rain pools, permanent ponds, bites man, suspected vector of malaria)	Simmons & Aitken	1942
	---; March-April, Aug.; 204	Vargas & Martinez Palacios	1955
	Debris and grass in stream pools, wells, muddy water; ---; 262	Kumm & Zuniga	1942
homunculus Komp	---; probable vector of malaria; 53, 82, 328, 347 (Bromeliads, tree holes, rain pools)	Levi Castillo	1949
	---; naturally infected with malaria; 53	Pinotti et al.	1947 +
	Bromeliads; ---; 82	Simmons & Aitken	1942
	Bromeliads in jungle; ---; 328	Anduze	1942a
	Bromeliads; ---; 329	Stage	1947
	---; woods, enters houses, suspected vector of malaria; 329	Boyd	1949
hylephilus Dyar & Knab	Water held by certain plants; rare; 237	Curry	1925
	Bromeliads; ---; 297	Bonne-Wepster & Bonne	1921
ininii Senevet & Abonnenc	---; ---; 130	Senevet	1948
	---; ---; 347. Artificial dike among vegetation; rare; 352	Levi Castillo	1949
intermedius (Peryassú)	Bodies of water, forest pools; ---; 27, 53, 325	Levi Castillo	1949
	Shaded pools; bite at night; 53°	Boyd	1949
	Shaded water with dense vegetation; ---; 53. ---; ---; 297	Simmons & Aitken	1942
	Forest ponds or pools; ---; 53	Deane et al.	1946 a
	---; experimentally infected with *Plasmodium falciparum*, March, Jan.-July; 53	Da Fonseca & Da Fonseca	1943
	---; in houses, bite man in forests by day; 53°	Kumm & Novis	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES intermedius (Peryassú) (cont.)	---; ---; 128, 138	Lane	1953
	---; ---; 129°	Bruce et al.	1943
	Temporary pools in forest; Apr.-Sept., on walls, bite man; 130°	Floch & Abonnenc	1947 +
	---; ---; 204, 347	Stone et al.	1959
	Pools and streams in forest, country; rare; 329	Stage	1947
kerteszia aquasalis	---; ---; 53*	Manson-Bahr	1959
kerteszia bellator	---; naturally infected with *Wuchereria bancrofti*; 53*	Manson-Bahr	1959
kompi Edwards	Forest streams; ---; 51, 82, 99, 237, 240, 352	Levi Castillo	1949
	Shaded streams with fresh, cold water with fallen leaves; in houses; 53	Deane et al.	1948
	Small, shaded, fresh, clear, cold running water with organic matter; ---; 53	Deane et al.	1943
	Forest streams; ---; 53	Deane et al.	1946 a
	---; ---; 53, 85, 238 (Bites man). Hill stream, heavily shaded ditch, swamps along rivers; ---; 238	Simmons & Aitken	1942
	Fresh water, sunny or shaded pools and swamps; ---; 129	Bruce et al.	1943
	---; May, in forest; 130	Floch & Abonnenc	1947 +
	Fresh, clean, shaded, still and running water; Jan.-March, Dec., rare; 237°	Baxter & Zetek	1944
	Shaded stream pools; Jan.; 237	Komp	1942
	---; ---; 297	Stone et al.	1959
	Rivers and streams with little or no current, pools in swift streams with clear water and with some vegetation; ---; 328	Cova-Garcia	1951
konderi Galvão & Damasceno	Forest ponds and pools; common; 53	Deane et al.	1946 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES laneanus Correa & Cerqueira	---; ---; 53. Bromeliaceae and epiphytic plants, tree holes; ---; 352	Levi Castillo	1949
lanei Galvão & Amaral	---; ---; 27	Duret	1950 b
	---; in woods; 53	Boyd	1949
	Permanent limpid water with little vegetation; ---; 352	Levi Castillo	1949
lutzii Cruz	---; ---; 27	Duret	1950 b
	Puddles; in bushes; 53°	Pinto	1930
	Backwaters with grasses and other vegetation; ---; 53	Root	1927 a
	---; Feb.-Mar.; 53	Basseres	1943 +
	---; ---; 239	Stone et al.	1959
	Shaded water containing rotting vegetation; ---; 352	Levi Castillo	1949
maculipennis Meigen	---; enters houses; 53	Davis	1926 a
maculipennis aztecus Hoffmann	Canals, irrigation ditches, foul water in pools; in houses, suspected vector of malaria; 204	Simmons & Aitken	1942
maculipes (Theobald)	---; ---; 18, 237, 328	Lane	1953
	---; ---; 21	Gowdey	1926 +
	---; ---; 27, 53, 239, 325. Swamps, bodies of shaded water; ---; 352	Levi Castillo	1949
	Pools; ---; 52	Bonne & Bonne-Wepster	1925
	---; experimentally infected with *Plasmodium falciparum*, Jan.; 53	Da Fonseca & Da Fonseca	1943
	---; rare; 53°	Pinto	1930
	---; ---; 53, 329 (Shaded pools, feed at night)	Boyd	1949
	---; ---; 69, 204, 329. ---; Aug.; 237. ---; Jan., March-May, July-Sept., Dec.; 238	Dyar	1925 c
	Pools; June, bite man; 130°	Floch & Abonnenc	1947 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES malefactor Dyar & Knab	Tree stumps; ---; 238	Walker & Barber	1914
	---; common; 238	Simmons	1937
mattogrossensis Lutz & Neiva	---; ---; 51, 53, 82, 99, 240, 328, 347 (Forest pools, forests)	Levi Castillo	1949
	Pools, exposed small lagoons; rarely in houses; 53°	Deane et al.	1943
	Lagoons in forest; ---; 53	Deane et al.	1946 a
	Marsh; ---; 53. ---; ---; 82. Open swamps; indoors; 240. Drainage ditches, small rain-water pools; ---; 328°	Simmons & Aitken	1942
	---; June-Sept.; 53	Townsend	1934
	---; common; 53	Deane et al.	1946
	---; ---; 53, 82, 328 (Marshes, drainage ditches, rain pools)	Russell et al.	1943
	Flooded pools along river margins, rain pools, rivers and streams with or without current, pits, lagoons, clear or turbid water, with or without vegetation, in sun or shade; in houses; 328	Cova Garcia	1951
mediopunctatus (Theobald)	---; ---; 27, 82, 329 (Shallow, leafy, fresh water, sunlit ground pools in jungle, never in deep shade, bites man)	Russell et al.	1943
	---; ---; 27, 51, 53, 82, 99, 237, 239, 240, 328 (Bodies of water, forest pools)	Levi Castillo	1949
	---; bite in jungle day and night; 53°	Laemmert et al.	1946 +
	---; forest; 53°	Lane	1936
	---; Aug.; 53	Townsend	1934
	Shallow, leafy, jungle pool; ---; 82	Simmons & Aitken	1942
	Shaded water; Apr.-June, enter houses; 99	Levi Castillo	1945 +
	Small clear forest pools; ---; 129°	Bruce et al.	1943
	Temporary pools in forest with decaying vegetable matter; Jan.-Apr., June-Aug., in forest, rarely bites man, on walls; 130	Floch & Abonnenc	1947 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES mediopunctatus (Theobald) (cont.)	Small pools mostly in woods; coastal and interior; 297	Bonne & Bonne-Wepster	1925
	---; enters houses; 297	Bonne-Wepster & Bonne	1921
	---; bite at twilight and at night; 328°	Collier	1928
	---; jungle; 329°	Rozeboom & Laird	1942
minor Lima	Margins of rapid streams, rock pools, stream pools, temporary pools; ---; 53	Boyd	1949
	Slightly running water; ---; 53	Deane et al.	1946 a
	---; ---; 239, 297	Lane	1953
neivai Howard, Dyar & Knab	---; ---; 51, 328	Stone et al.	1959
	---; ---; 53, 85, 99, 130, 262 (Bites man)	Simmons & Aitken	1942
	---; ---; 82. Bromeliads, tree holes; ---; 352	Levi Castillo	1949
	Bromeliads; ---; 85	Kumm et al.	1940
	Tree holes, Bromeliads; Jan.-July; 99	Levi Castillo	1945
	Bromeliads; bites man at night; 130°	Floch & Abonnenc	1947 +
	---; March, July; 204	Vargas & Martinez Palacios	1955
	Bromeliad; ---; 223	Woke	1947
	Fresh water; rare in houses July-Feb.; 237°	Baxter & Zetek	1944
	Plants, Bromeliads; ---; 237	Komp	1942
	Bromeliads; ---; 238	Curry	1937
	Bromeliads; ---; 297	Bonne-Wepster & Bonne	1921 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES neomaculipalpus Curry	---; experimentally infected with malaria; 27	Duret	1950 a +
	---; rare; 53	Deane et al.	1946
	---; ---; 53, 82, 99, 237, 240, 328, 347 (Sunny bodies of water, swamps with vegetation, stagnant water, wild species)	Levi Castillo	1949
	---; ---; 82, 85, 237, 328, 329 (Hoofprints, wheel ruts, grassy pasture pools, polluted water, Oct.-Nov.)	Komp	1942
	Exposed ground pools, ditches, hoofprints, ponds; in houses; 85	Kumm et al.	1940
	---; Feb.-March, Dec.; 204	Vargas Martinez Palacios	1955
	---; experimentally infected with malaria; 204. ---; Nov.-Dec.; 238. ---; ---; 328*	Vargas	1942
	Exposed grassy pools; rainy season; 223	Woke	1947
	Sunlit, foul water in hoofprints, depressions in marshy pastures; experimentally infected with *Plasmodium vivax*; 237	Simmons & Aitken	1942
	Exposed fresh, dirty, stagnant water; all year; 237	Baxter & Zetek	1944
	Sunlit polluted water in hoof tracks; experimentally infected with *P. vivax*; 238	Simmons	1937
	Hoofprints in marshy pastures; ---; 238	Curry	1931
	---; ---; 239	Stone et al.	1959
	Ground pools, small temporary ponds, with or without *Spirogyra*; 262	Kumm & Zuniga	1943
	Flood pools along margins of rivers, irrigation canals or ditches, rain pools, seepage areas, pits, lagoons, in clear or turbid, fresh or slightly brackish, usually temporary water often with vegetation, in sun or shade; rarely enter houses; 328	Covi Garcia	1951
	Pools, ricefields; suspected vector of malaria; 329	Stage & Willett	1944
	Slow streams or seepage areas with clear water, isolated muddy pools and streambeds, ricefields in rainy season; ---; 329	De Zulueta	1951

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES nigritarsis Chagas	---; ---; 27	Duret	1950 b
	---; ---; 53	Prado	1927
nimbus (Theobald)	---; ---; 51	Stone et al.	1959
	Fresh, cold running water, with some vegetation and algae, exposed to sun; in houses; 53°	Deane et al.	1948
	Shaded pools, small spring fed swamp; ---; 53. Shaded pools, rock enclosed springs; ---; 238	Shannon & Davis	1930
	Forest streams; ---; 53	Deane et al.	1946 a
	---; common; 53	Deane et al.	1946
	---; ---; 53, 237, 347 (Shaded rock and enclosed spring)	Dyar	1928 a
	Flowing streams, large swamps, small pools; ---; 129. Permanent pools; bites man in woods during daytime; 297°	Bruce et al.	1943
	---; common; 129. Jungle; rare; 329	Rozeboom & Laird	1942
	---; ---; 129, 328, 329 (Shaded, rock enclosed spring)	Simmons & Aitken	1942
	Shaded or sunny temporary pools and flooded savannahs; tree holes, rarely bite man; 130°	Floch & Abonnenc	1947 +
	---; Jan., rare; 238. ---; ---; 347	Dyar	1925 c
	River or streams with or without current, usually clear and permanent water with vertical vegetation, in shade; ---; 328	Cova-Garcia	1951
nimbus var. *kompi* Edwards	---; ---; 237	Komp & Curry	1932
noroestensis Galvão & Lane	---; ---; 27, 325	Stone et al.	1959
	Shaded lagoons, overflows, marginal stream pools; ---; 53°	Boyd	1949
	---; common; 53	Deane et al.	1946 a
	---; June-July; 53	Coutinho & Ricciardi	1945
	---; ---; 53°	Pinotti et al.	1947 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES nuñez-tovari Gabaldon	---; ---; 51, 347	Stone et al.	1959
	Pools exposed to sun, muddy, stagnant water, small lagoons; enter houses; 53*	Deane et al.	1948
	Muddy pools, small lagoons; ---; 53	Deane et al.	1946a
	---; naturally infected with *Plasmodium*; 82	Rey & Renifo	1950
	---; ---; 129	Lane	1953
	Ponds and streams with vegetation; ---; 130	Floch & Abonnenc	1947 +
	Ricefields, swamps; ---; 297	van der Kuyp	1949
	---; in woods; 328	Boyd	1949
	---; ---; 347. Streams, pools, shady forest pools and river banks; ---; 352	Levi Castillo	1949
occidentalis Dyar & Knab	In cold water; naturally infected with malaria, in houses, Nov.; 204*	Dampf	1936
oiketorakras Osborno-Mesa	---; ---; 82. Small bodies of water, mountain river bed pools; ---; 352	Levi Castillo	1949
oswaldoi (Peryassú)	---; ---; 27, 82, 85, 347	Stone et al.	1959
	Exposed or partially shaded water; in houses, suspected vector of malaria; 53	Deane et al.	1948
	Artificial containers, shaded swamps; seldom bite man; 53*	Boyd	1949
	Shaded pools or lagoons; common; 53	Deane et al.	1946 a
	---; experimentally infected with *Wuchereria bancrofti*; 53	Causey et al.	1945 a
	---; experimentally infected with *Plasmodium falciparum*, Apr.; 53	Da Fonseca & Da Fonseca	1943
	---; ---; 53, 237, 328, 329 (Shaded fresh water in jungle swamps, pools or stagnant streams, bites man in jungle). ---; in houses, in jungle; 237*	Simmons & Aitken	1942
	---; June-July; 53	Coutinho & Ricciardi	1945
	---; possible vector of malaria; 99	Levi Castillo	1946

TABLE I - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES oswaldoi (Peryassú) (cont.)	Small sunny pools, wind swept and clear; ---; 129	Bruce et al.	1943
	---; experimentally infected with *Wuchereria bancrofti*; 129	Giglioli	1948 a
	Heavily vegetated water, small ponds and streams; all year, common Aug.-Nov., bites man in forest; 130°	Floch & Abonnenc	1947 +
	Fresh, clean, shaded still water; Aug.-Nov., rare in houses; 237°	Baxter & Zetek	1944
	Fresh water; ---; 237. Shaded swamps; July-Aug.; 238. Edges of pools in small stream; common at the end of rainy season; 328	Komp	1942
	---; in forest, bites by day; 237°	Galindo et al.	1951
	---; coastal and interior, seldom enter houses, common at the end of rainy season; 297	van der Kuyp	1949
	Flood pools along river margins, pools in drying stream beds, rain pools, seepage areas, pits filled by ground water, lagoons, rivers or streams with or without current, ditches, marshy ponds, in turbid or clear, fresh or slightly brackish water, usually with vegetation in sun or shade; all year, common July-Oct., rarely enter houses; 328	Cova-Garcia	1951
	Swamp; Nov.; 328	Hecht & Anduze	1944
	Streams, rivers, swamps, ground pools, artificial stock pond with grassy margins; ---; 329°	Rozeboom & Laird	1942
oswaldoi arcuatus Unti	---; experimentally infected with *Plasmodium vivax*; 53	Da Fonseca & Da Fonseca	1943
oswaldoi guarnieroi Ramos	Along coastal areas influenced by tidal sea water; ---; 53, 130	Causey et al.	1945
	---; in houses, experimentally infected with *Plasmodium falciparum* and *P. vivax*, all year; 53*	Da Fonseca & Da Fonseca	1943
oswaldoi metcalfi Galvao & Lane	Coastal areas influenced by tidal sea water; ---; 53, 130	Causey et al.	1945
	---; experimentally infected with oöcysts, sporozoites; 53	Da Fonseca & Da Fonseca	1943
	Shaded forest pools; ---; 352	Levi-Castillo	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES oswaldoi oswaldoi (Peryassú)	---; in houses, experimentally infected with *Plasmodium vivax* and *P. falciparum*, naturally infected with malaria, transmits malaria; 53*	Da Fonseca & Da Fonseca	1943
	---; bites man in the swamps at night; 237	Rozeboom	1942
parapunctipennis Martini	---; ---; 85, 128, 237 (Cold mountain streams and springs, in highlands)	Simmons & Aitken	1942
	---; ---; 204	Stone et al.	1959
	Fresh, clean still water; rare; 237	Baxter & Zetek	1944
parapunctipennis var. *guatemalensis* Leon	---; ---; 85	Senior-White	1950 +
	---; ---; 128, 204	Stone et al.	1959
parapunctipennis parapunctipennis Martini	Cold mountain streams and springs; tree holes; 204	Dampf	1939
	---; March, May-Sept., Dec.; 204	Vargas & Martinez Palacios	1955
parvus (Chagas)	---; ---; 27, 328	Stone et al.	1959
	Mountain forest pools and streams; ---; 53	Deane et al.	1946 a
	Backwaters with grasses and other aquatic plants; ---; 53	Root	1927 a
	---; July-Sept.; 53°	Lane	1936
	---; possible vector of malaria; 51, 53. Small pools among vegetation; in shaded spots; 352	Levi Castillo	1949
	Swamps, lagoons of savannas formed by seepage water; bites early in the evening; 82°	de Zulueta	1950
peryassui Dyar & Knab	---; ---; 51, 53, 82, 99, 240, 328, 347. Large bodies of limpid sunny, shady water with vegetation, exposed rivulets; in forest; 352	Levi Castillo	1949
	Clear water exposed to sunshine, with vegetation and algae, partially shaded brooks; ---; 53	Deane et al.	1946 a
	Spring-fed swamps, marshes; ---; 53. ---; bush near dwellings; 129°	Bruce et al.	1944
	---; in houses; 53	Deane et al.	1948
	Base of palms; ---; 82	de Zulueta	1950
	---; ---; 82, 240, 297 (Spring-fed swamps)	Simmons & Aitken	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES peryassui Dyar & Knab (cont.)	Exposed excavations, flooded savannahs; indoors; 130°	Floch & Abonnenc	1947 +
	Spring-fed swamps, sedge and cattail marshes; ---; 240°	Russell et al.	1943
	---; ---; 297°	Bonne & Bonne Wepster	1925
	Rivers or streams with or without current, lagoons, marshes with vegetation, flood pools along river margins, stream beds or rain pools, culverts, shallow marshy ponds with vegetation in full or partial sunlight; Jan.-Dec., peak July-Oct.; 328	Cova-Garcia	1951
pessoai Galvão & Lane	Collections of clean water with grass and algae, exposed or partially shaded; in houses, possible vector of malaria; 53	Deane et al.	1948
	---; naturally infected with malaria, outdoor biter, July and Aug.; 53°	Deane et al.	1946
	---; Oct.-Dec.; 53	Barretto	1940
	---; ---; 53, 82, 328 (Open shallow pools with vegetation)	Simmons & Aitken	1942
	---; ---; 130	Senevet	1948 a
	Spring, rainpools, ditches, exposed lagoons with vegetation; enters houses; 328	Cova-Garcia	1951
	---; possible vector of malaria; 328, 347. Collection of rain water; ---; 352	Levi Castillo	1949
	---; rare; 329	Stage & Gilette	1947
piotipennis (Philippi)	Rare; ---; 27, 53	Russell et al.	1943
	Rocky stream pools with vegetation; ---; 75	Dyar	1928 a
	---; in woods; 75	Boyd	1949
	Small shaded pools with vegetation; ---; 352	Levi Castillo	1949
pseudomaculipes Peryassú	---; ---; 53, 82, 325	Stone et al.	1959
	---; ---; 297	Bonne-Wepster & Bonne	1923 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES pseudopunctipennis Theobald	Common in sunny pools covered with algae, stream beds, mangrove swamps; all year; 24	Earle	1933
	---; ---; 24*, 27*. ---; vector of malaria, in highlands; 128*. ---; enters houses, naturally infected with malaria, June-Mar.; 204° . ---; experimentally infected with malaria; 237*	Vargas et al.	1941
	---; ---; 24, 27, 68, 137, 138, 204, 329 (Drying stream pools in mats of *Spirogyra* in full sunlight, ground pools)	Komp	1942
	Restricted in permanent fresh water; efficient carrier of malaria; 27. Quiet pools with green algae along margins of rivers, springs, stream beds and irrigation ditches; common in houses, Jan.-July, peak Mar. and July; 240	Shannon	1930
	In ravines and plains with fresh water, during dry season in springs of mountains, on algae along river dikes and small puddles; all year; 27	Shannon & Davis	1927
	Reservoir, grassy margins, fairly clear water, ditch; enters houses, Jan., Mar.-June, Dec.; 27	Davis & Shannon	1928
	---; May, at 1850-2180 meters high; 27. ---; at 8,500 feet; 51. High altitudes; ---; 75*. Common, upland; ---; 82. ---; July, common during dry season; 240. Unshaded pools, clean, fresh water with green algae, along margins in beds of hill streams, in lower altitudes, in seepages and marshes during rainy season; ---; 352*°	Hackett	1945
	---; possible vector of malaria; 27, 51. ---; ---; 53, 75, 82, 99, 237, 240, 328, 347. Small bodies of water, among rocks on shores of rivers and streams with *Spirogyra*; in houses; 352 (Bites man, vector of malaria)	Levi Castillo	1949
	---; enters houses, naturally infected with malaria, bites in the afternoon and through the night, common, Feb.-Mar.; 27°	Del Ponte	1939
	---; ---; 51*, 82*, 99*, 128 , 223*, 240*, 262*. ---; at low and moderate elevations, under semi-arid and subtropical conditions; 204*	Russell	1956
	Pools, swamps and rivulets; enters houses; 53°, 75°	Boyd	1949
	Streams; common in semi-arid regions, rarely in houses, readily bites man; 82°	Dunn	1929
	Pools in nearly dry stream bed; ---; 82	Dyar	1924 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES pseudopunctipennis Theobald (cont.)	In pools; ---; 82. Swamps; ---; 99. Among algae; ---; 204. Rain pools; ---; 238*. ---; ---; 239*. Fresh water; ---; 262	Shannon et al.	1927
	Ground pools, ditches, hoofprints and seepage areas, pooled streams and edge of slowly running rivers with green algae; ---; 85	Kumm et al.	1940
	---; July; 85. ---; June; 238. ---; common during dry season, Jan.; 262	Kumm & Zuniga	1944
	Sunny pools with *Spirogyra*, irrigation ditches, hoofprints, drains; in houses after dark; 99	Levi Castillo	1945a
	Puddles, in road, burrow pits near rivers, pools; Nov.-Feb.; 99	Levi Castillo	1944
	Hot springs; ---; 99	Leon	1949
	Hoofprints, near spring in sandy plain with little vegetation; ---; 128	de Leon	1940
	Temporary pools, bogs, volcanic lakes with little vegetation, muddy water; ---; 129	Giaquinto Mira	1936
	Rice fields; ---; 204°	Bordas & Downs	1951
	Up to 6,000 feet elevation, clear waters; ---; 204	Hoffmann	1936
	Surface pools, temporary pools; common during rainy seasons, May; 237. Surface temporary pools; Feb.-June, Nov.; 238	Dyar	1925c
	Fresh clean, shaded still water; all year, peak Jan.-Mar.; 237	Baxter & Zetek	1944
	Small streams, ditches and pools with algae in sun; rarely enters houses; 238	Curry	1925
	---; common, suspected vector of malaria, experimentally infected with *Plasmodium vivax* and *P. falciparum*; 238	Simmons	1937
	---; Dec.-Feb.; 238	Anduze	1943c
	Swamps, ditches, hoof prints, rocky pools near rivers, riverbeds, *Spirogyra*; enters houses; 240°	Wille	1933
	Fresh water lagoons filled with algae and vegetation; ---; 240	Westphal & Horton	1946
	Ground pools, edges of slowly running streams and rivers with green *Spirogyra* in sun or in shade; ---, 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES pseudopunctipennis Theobald (cont.)	Large and small collections of flowing or still, turbid or clear, temporary or permanent water, with or without vegetation, fresh or somewhat brackish water, artificial containers, leaf axils, irrigation ditches, cisterns and hoofprints; all year, common July-Oct., enter houses, artificially infected and suspected vector of malaria; 328	Cova-Garcia	1951
	Pools in riverbed; ---; 328	Dyar	1925 d
	---; ---; 328*	Cova-Garcia	1946
	---; ---; 346	Rozeboom	1942
pseudopunctipennis var. *bifoliata* Osorno-Mesa & Muñoz-Sarmiento	---; ---; 82	Stone et al.	1959
pseudopunctipennis boydi Vardi	---; ---; 204	Senevet	1948
pseudopunctipennis franciscanus McCracken	---; June-Aug.; 204	Vargas & Martinez Palacios	1955
pseudopunctipennis levicastilloi Levi Castillo	Sunny swamps, puddles and ground pools with clean water with vegetation, *Spirogyra, Pistia*; experimentally infected with malaria; 99	Levi Castillo	1945
pseudopunctipennis neghmei Mann	---; ---; 75	Stone et al.	1959
pseudopunctipennis noei Mann	---; ---; 75	Stone et al.	1959
pseudopunctipennis patersoni Alvarado & Heredia	---; ---; 27	Stone et al.	1959
pseudopunctipennis pseudopunctipennis Theobald	---; in houses, experimentally infected with *Plasmodium falciparum*; 24°. ---; all year, in houses, experimentally infected with *P. falciparum*, naturally infected with malaria; 27*°. ---; ---; 51, 137, 138, 238, 262. ---; suspected vector of malaria; 75. ---; naturally infected with malaria, suspected vector of malaria, enters houses, common; 82. ---; in houses; 85. ---; suspected vector of *P. falciparum*; 99. ---; suspected vector of malaria; 128. ---; in houses, naturally infected with malaria; 204*. Clear, sunlit water with algae; inside bed nets, experimentally infected with *P. falciparum*, 237. ---; naturally infected with malaria, suspected vector of malaria; 240	Simmons & Aitken	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES pseudopunctipennis pseudopunctipennis Theobald (cont.)	Ricefields, Bromeliads, rain pools, artificial containers, ditches with much vegetation; naturally infected with malaria, bites day and night, in ranches and stables, Apr.-May; 27°	Mühlens et al.	1925
	---; ---; 27, 75, 204, 346 (Swamps and hoofprints, bites day and night)	Lane	1953
	---; all year, common Jan.-May, Dec.; 75	Noe & Mann	1946 +
	Shallow stagnant estuary, grassy pools with algae, streams and stream pools, in sun or partial shade; in houses; 223°	Woke	1947
	Ground pools, ponds, artificial containers; common after heavy rains; 329	van der Kuyp	1949a
pseudopunctipennis rivadeneirai Levi Castillo	Sunny rocky and ground pools with algae of *Spirogyra*, margin rivers; naturally infected with malaria, vector of malaria; 99*°	Levi Castillo	1945
pseudopunctipennis var. *typicus* Theobald	---; ---; 27, 99, 204, 238, 240, 328 (Important in the transmission of malaria only when the high numbers of individuals forms a large population)	Vargas	1945
pseudopunctipennis willardi Vargas	Sunny pools and streams; enters houses, July-Aug.; 204°	Vargas	1941
	---; ---; 204*	Vargas	1945
	---; April-May, July-Aug., Oct.; 204	Vargas & Martinez Palacios	1955
pseudotibiamaculatus Galvão & Barretto	---; ---; 53	Lane	1953
punctimacula Dyar & Knab	---; ---; 24	Duret	1950b
	---; ---; 27	Stone et al.	1959
	---; possible vector of malaria; 51, 53, 82, 99, 237, 246, 325, 328, 347 (Shaded forest pools)	Levi Castillo	1949
	Forest shady ponds and pools; ---; 53	Deane et al.	1946a
	---; ---; 53, 82, 85, 99, 128, 137, 138, 204, 237, 240, 262, 328, 329 (Shaded pools, swamps, sluggish streams). ---; jungle areas, in houses, May-Feb., common Sept.-Feb., experimentally infected with *Plasmodium vivax* and *P. falciparum*; 237°	Simmons & Aitken	1942
	Sunlit ground pools, shaded, slow moving streams; enter houses; 82°	Rey et al.	1945

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES punctimacula Dyar & Knab	---; possible vector of malaria; 82. Coastal valleys; naturally infected with malaria; 237, 240	Hackett	1945
	---; ---; 82*, 99*, 237*, 240*	Russell	1956
	Semi-stagnant pools, edges of slow streams, ditches, borrow pits, hoofprints, ponds; in houses; 85	Kumm et al.	1940
	Marsh and ground pools; ---; 85	Dyar	1921 d
	---; ---; 85*	Vargas	1962
	Rain pools, shallow marshy pools with vegetation, stagnant water, slow shaded streams; Feb.-June; 99	Levi Castillo	1945
	Small partly protected ground pools; ---; 129	Bruce et al.	1943
	Near small clumps of coarse grass in shallow rain pools in forest; ---; 138	Kumm & Ram	1941
	Shaded shallow rain water pools in forest; ---; 204	Vargas & Martinez Palacios	1946
	---; Mar.-July, Oct.-Dec.; 204	Vargas & Martinez Palacios	1955
	Fresh, clean, shaded, still water; enters houses, common all year; 237°	Baxter & Zetek	1944
	Sheltered or grassy pools of clear water; experimentally infected with malaria; 237	Curry	1925
	Surface rain water in jungle, stream beds, temporary water; June; 237, 238	Dyar	1925 c
	---; in forest, bites by day; 237°	Galindo et al.	1951
	---; near ground level; 237	Galindo et al.	1950
	Shaded pools and streams with vegetation, large swamps; all year, peak July-Dec., naturally and experimentally infected with *P. vivax* and *P. falciparum*, common; 238°	Simmons	1937
	Shaded ground pools, in open pools with algae; enters house, naturally infected with malaria; 238	Simmons	1936
	---; experimentally infected with *P. vivax*; 238	Simmons	1936 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES punctimacula Dyar & Knab (cont.)	---; under drained jungle areas, naturally infected with malaria, enters houses; 240*	Russell et al.	1943
	Shaded, sometimes polluted water and sunlit vegetated water; naturally infected with malaria; 240	Villalobos & Delgado	1944
	Irrigation canals and ditches, pits, rivers and streams with slow current, flood pools along river margins, rain pools, pools in drying stream beds, lagoons, artificial containers, culverts, hoofprints, turbid or clear often temporary fresh water, usually somewhat shaded, with vegetation; all year, common July-Oct., seldom enter houses; 328	Cova-Garcia	1951
punctipennis (Say)	---; ---; 21	Kumm	1929
	Ground and rain pools; ---; 204*, 328	Dyar	1928 a
	Shaded running water; ---; 204	Hoffmann	1936
	---; all year; 204	Vargas & Martinez Palacios	1955
	---; ---; 204* (Temporary or permanent puddles, running water, bites at dusk, enters houses)	Simmons & Aitken	1942
	---; in houses; 328*	Martorell	1939
punctipennis stonei Vargas	---; ---; 204	Senevet	1948
quadrimaculatus Say	---; in houses, April-June; 27*	Davis & Shannon	1928 a
	---; in houses; 53	Davis	1926 a
	---; ---; 85	Vargas	1961
	Permanent ground ponds with algae, ricefields; Dec., carrier of all three forms of malaria parasite; 204	Dyar	1928 a
	Fresh water; ---; 204*	Hoffmann	1927
	---; all year; 204	Vargas & Martinez Palacios	1955
	---; ---; 204 (Fresh water pools, ponds, lakes, lagoons, swamps, brackish water, enters houses to bite)	Simmons & Aitken	1942
	---; more abundant during rainy season; 237*	Trapido	1946
rachoui Galvão	---; ---; 53	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES rangeli Gabaldon, Cova-Garcia & Lopez	---; ---; 51	Stone et al.	1959
	Collections of muddy water exposed to sun, small lagoons, streams, rain pools; enter houses; 53°	Deane et al.	1948
	Sunlit hoofprints, ponds, lagoons; ---; 53	Deane et al.	1946 a
	---; all year, common Apr.-June, active by night; 82	Bates	1945
	---; ---; 99, 240, 347. Hoofprints, small sunny pools, bodies of water with superficial vegetation; ---; 352	Levi Castillo	1949
	Large and small collections of still or flowing, fresh or brackish, usually turbid and temporary water, often vegetated, more or less exposed to sunlight, including hoofprints, cisterns, leaf axils and artificial containers; all year, sometimes enter houses; 328	Cova-Garcia	1951
	Fresh water, generally in a dark place with abundant vegetation; Nov.-April; 328	Gabaldon et al.	1940
	River bed with vegetation; ---; 328	Hecht & Anduze	1944
	---; ---; 329	Lane	1953
rockefelleri Peryassú	---; ---; 53	Christophers	1924
rondoni (Neiva & Pinto)	Shallow ditch at margins of reedy swamps, pockets of clear water among growths of grass; enters houses, Mar.-June, Aug., Dec.; 27	Davis & Shannon	1928
	---; Sept., Oct.; 27	Shannon & Davis	1927
	---; ---; 51, 53, 239, 325. Bodies of quiet water with aquatic vegetation; ---; 352	Levi Castillo	1949
	Pools; enters houses at night, 53	Pinto	1931
	Marshes, ditches; ---; 53°. ---; ---; 69 (Clear water of marshes and ditches, bites man)	Boyd	1949
	---; ---; 204	Lane	1953
roseboomi Deane, Causey & Deane	---; ---; 53. Small mountainous streams; ---; 352	Levi Castillo	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES sanctielii Senevet & Abonnenc	---; ---; 130	Senevet	1948
	---; ---; 347	Levi Castillo	1949
sawyeri Causey, Deane, Deane & Sampaio	Forest pools; ---; 53	Deane et al.	1946a
	Bodies of water in jungle; ---; 352	Levi Castillo	1949
shannoni Davis	---; ---; 51	Stone et al.	1959
	River and stream beds, fresh clean water in shade; in houses; 53°	Deane et al.	1946
	Forest ponds or pools; ---; 53	Deane et al.	1946a
	Swamp; ---; 129°	Bruce et al.	1943
	---; ---; 240°	Russell et al.	1943
	Forest pools; ---; 352	Levi Castillo	1949
squamifemur Antunes	---; ---; 53	Lane	1953
	---; ---; 53°. ---; edge of forest; 82	Simmons & Aitken	1942
	---; rare; 82, 328, 347	Levi Castillo	1949
	---; July; 130	Floch & Abonnenc	1947 +
	---; attracted to lights at night; 237	Galindo et al.	1949
strodei Root	---; ---; 27, 53, 85, 130, 204, 237, 239, 297, 328 (Marshy areas with much vegetation). ---; experimentally infected with *Plasmodium vivax*, naturally infected with malaria; 53°. Grassy margins of clear fresh waterpools and streams; ---; 237	Simmons & Aitken	1942
	Small marshy mountain streams and side pools, seepage areas with much vegetation; Mar.-May; 53	Root	1926
	Irrigation ditches in plantations, clear fresh water with vegetation and algae; rarely in houses, naturally infected with oöcyst of *Plasmodium*; 53°	Deane et al.	1948

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES strodei Root (cont.)	Small collections of water, puddles; in houses in the morning, Oct.-Dec.; 53	Barretto	1940
	Clear, sunlit water with algae; ---; 53	Deane et al.	1946a
	---; Aug., anthropophilic; 53*	Lane	1935
	---; experimentally infected with *Plasmodium vivax*; 53	Da Fonseca & Da Fonseca	1943
	---; experimentally infected with malaria; 53	Rozeboom	1942
	---; common Jan.; 82	Bates & de Zulueta	1949
	Ground pools, small ponds, hoofprints, slowly running streams in sun; in houses; 85	Fomm et al.	1940
	---; ---, 85, 204, 237, 328 (Partly shaded grassy pools and streams)	Komp	1942
	---; Feb.-April; 204	Vargas & Martinez Palacios	1955
	Fresh, clean, sunny, still water; all year, enters houses; 237	Baxter & Zetek	1944
	Grassy margins of fresh pools and quiet streams; ---; 238	Curry	1942
	Irrigation canals and ditches, flood pools along river margins, pits filled by ground water, seepage areas, rivers without current, shallow, marshy ponds with surface vegetation; rarely in flowing water, hoofprints, artificial containers or leaf axils, prefer partial or full sunlight; all year, peak July-Oct., occasionally in houses; 328	Cova-Garcia	1951
	Bodies of clear and sunny water with algae and other aquatic vegetation; ---; 352	Levi Castillo	1949
tarsimaculata Goeldi	Roadside trench at edge of cane fields, streams, shady saline pools in mangrove swamps, ravine pools; in houses; 24	Edwards & Box	1944
	---; experimentally infected with oöcysts; 24*. ---; experimentally infected with *Plasmodium vivax*; 53. ---; experimentally infected with *P. falciparum*; 237*. Small streams; ---; 328	Da Fonseca & Da Fonseca	1943
	Ditches; enters houses, Mar.; 27	Davis & Shannon	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES tarsimaculata Goeldi (cont.)	Streams and lagoons, dikes; Oct.; 27	Shannon & Davis	1927
	---; bites man in the afternoon; 27°	del Ponte	1939
	Small pools with vegetation, muddy borrow pit without vegetation; ---; 53	Root	1927 b
	Brackish water, in lowland invaded by tide; ---; 53, 130	Causey et al.	1945
	---; naturally infected with *Wuchereria bancrofti*; 53*	Manson-Bahr	1959
	---; bites man in the open; 53*°	Russell	1956
	---; experimentally infected with *W. bancrofti*; 53	Davis	1935
	Ground pools; ---; 82	Dyar	1925 a
	Common in river banks; important in malaria transmission; 82	Dunn	1929
	Brackish and fresh water streams; ---; 85	Kumm et al.	1940
	---; ---; 99, 262, 329	Kumm	1929
	Stagnant salt water pools along base of sea wall; Jan., July-Aug.; 129	Cleare,Jr.	1927
	Artificial containers; ---; 129	Haslam	1925
	---; ---; 223. Ground pools, artificial containers; malaria carrier, June; 237. ---; Jan.-Mar., Aug., Nov.-Dec.; 238	Dyar	1925 c
	Salt water marshes; common; 238*°	Zetek	1915
	Brackish water of tidal swamps; suspected vector of malaria; 238	Simmons	1937
	---; enters houses; 238. ---; ---; 297	Bonne	1923
	Small streams, land pools, lakes and artificial pools; ---; 240	Shannon	1930
tarsimaculata var. *aquasalis* Curry	---; ---; 53	Causey et al.	1945
tarsimaculata var. *aquasalis* Curry	Brackish water; ---; 53	Causey et al.	1945
	---; ---; 297	van der Kuyp	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES *tarsimaculatus* var. *bachmanni*	---; ---; 297	van der Kuyp	1949
tarsimaculatus var. *cuyabensis* Neiva & Pinto	---; ---; 53	Christophers	1924
tarsimaculatus var. *oswaldoi* Peryassú	---; ---; 53	Christophers	1924
	Jungle shaded swamps and streams; ---; 238	Curry	1936
	---; ---; 297	van der Kuyp	1949
tarsimaculatus var. *rondoni* Neiva & Pinto	---; ---; 53, 239	Christophers	1924
tarsimaculatus var. *trinnulatus* Neiva & Pinto	---; ---; 53	Christophers	1924
thomasi Shannon	Marshy edges of a woods stream; ---; 53	Russell et al.	1943
	---; ---; 82, 240, 328	Stone et al.	1959
	Forest springs, streams; ---; 352	Levi Castillo	1949
tibiamaculatus (Neiva)	---; ---; 51, 53	Stone et al.	1959
	Clear, cool, shaded pools in groves; ---; 352	Levi Castillo	1949
triannulatus Neiva & Pinto	---; enters houses, Apr.-Sept.; 27	Del Ponte	1943
	---; ---; 27, 51, 53, 82, 85, 129, 130, 237, 239, 297, 328 (Fresh water pools and lakes with *Pistia stratiotis* and *Jussicea natans*). Open ground pools, river margins; suspected vector of quartan malaria; 53. ---; experimentally infected with *Plasmodium vivax* and *P. falciparum*; 237	Simmons & Aitken	1942
	Lagoons, pools, exposed to sun with vegetation; enters houses, bites at dusk; 53°	Deane et al.	1948
	River margins with *Pistia*; ---; 53	Deane et al.	1948
	---; experimentally infected with *Wuchereria bancrofti*; 53	Causey et al.	1945
	---; experimentally infected with *Plasmodium*, oöcysts; 53	Da Fonseca & Da Fonseca	1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES triannulatus Neiva & Pinto (cont.)	---; June-July; 53	Coutinho & Ricardi	1945
	---; experimentally infected with filaria; 53	Causey et al.	1945
	---; Apr., June-Dec.; 82	Bates & de Zulueta	1949
	Clear, sunny still water; all year, rare; 129	Baxter & Zetek	1944
	Sunny pools; in barracks; 129	Bruce et al.	1943
	---; in houses, bites man outdoors; 129°	Giglioli	1948
	---; experimentally infected with *Wuchereria bancrofti*; 129	Giglioli	1948 a
	Leaf crowns of *Pistia stratiotes* and floating stems of *Jussiaea natans*, grassy edges of sunlit permanent pools and ponds; ---; 237	Komp	1942
	---; common during rainy season; 237*	Trapido	1946
	---; enters houses, bites man day and night; 237°	Rozeboom	1942
	---; ---; 240, 347	Stone et al.	1959
	---; Dec.-Feb.; 328	Anduze	1943 c
	Bodies of water with vegetation, *Pistia*, *Spirogyra*, pools or river beds; ---; 352	Levi Castillo	1949
triannulatus chagasi Galvão	---; ---; 53	Senevet	1948
triannulatus davisi Paterson & Shannon	---; ---; 27, 240, 297, 328	Stone et al.	1959
	---: in houses; 53	Rozeboom	1942
	---; ---; 99	Levi Castillo	1946
	---; common in interior, in animal shelters; 297	van der Kuyp	1949
	Flood pools along river margins, lagoons, pits filled by ground water, rain pools, seepage areas, rivers and streams with or without current, marshy ponds, marshes, artificial containers, rarely in culverts, hoofprints or leaf axils, in fresh or brackish water, usually vegetated and in full or partial sunlight; all year, common July-Oct., enters houses, naturally infected with malaria; 328	Cova-Garcia	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES triannulatus triannulatus (Neiva & Pinto)	---; ---; 27, 53, 85, 239, 240, 328, 347	Lane	1953
	Sunny, flooded savannahs, streams, pools, temporary ponds, rice fields; bites man in forest, experimentally infected with malaria; 130°	Floch & Abonnenc	1947 +
vargasi Gabaldon, Cova-Garcia & Lopez	Stream inside cave and in dark, stagnant flood pools; bite man during day; 328°	Gabaldon et al.	1941
	Shaded pools, streams; ---; 352	Levi Castillo	1949
venezuelae Evans	---; ---; 328	Evans	1922
vestitipennis Dyar & Knab	Swamps, fresh water, shaded places of open water; enters houses, Feb.-Dec.; 18°	Carr & Hill	1942
	---; suspected vector of malaria; 18	Carr et al.	1942
	---; ---; 18, 19, 21, 22, 82, 85, 128, 138, 204, 237, 262 (Enters houses, bites man). Stagnant ditches with vegetation, cool shaded water in pools and ponds; ---; 22. ---; naturally infected with malaria; 138	Simmons & Aitken	1942
	---; possible vector of malaria; 19	Russell	1956
	Shaded swamp near old coffee-washing plant; ---; 20	Paul & Bellerive	1947
	Shaded seepages; ---; 21. Shaded swamps; common; 68°. ---; ---; 82, 85, 128, 138, 237 (Jungle pools in deep shade). Ditches with dead leaves; ---; 237	Komp	1942
	---; ---; 21*°	Boyd & Aris	1929
	---; Oct.-Dec.; 21	Washburn	1933
	Ditch in cane field; along the coast, Oct.-Jan.; 22	Wolcott	1936
	---; Sept.-Jan.; 22	Tulloch	1937
	---; coastal areas; 22	Earle	1930
	---; ---; 24	Lane	1953
	---; possible vector of malaria; 82, 328, 347 (Ponds, drainage trenches, bodies of fresh, slow vegetated water, in houses and shady places)	Levi Castillo	1949
	Slow running stream and shaded pool with vegetation; in houses; 85	Kumm et al.	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES vestitipennis Dyar & Knab (cont.)	Jungle banana fields; ---; 137	Barber et al.	1924
	---; enters houses; 137	Komp	1941
	Rain pools in forest; naturally infected with malaria; 138	Kumm & Ram	1941
	Shaded pools with vegetation, swamps, road side ditches; ---; 138	Ram	1942
	Clear, fresh densely shaded pools with floating dead leaves; in houses, in forest; 204°	Hoffmann	1934
	---; all year; 204	Vargas & Martinez Palacios	1955
	Fresh, dirty shaded, still water; enters houses, rare; 237°	Baxter & Zetek	1944
	---; along rivers; 328	Dyar	1925d
	---; ---; 346	Dyar	1925c
walkeri Theobald	---; ---; 85	Kumm	1941
	---; ---; 204 (Permanent or semi-permanent water with vegetation, marshy shores of lakes or ponds, suspected potential vector of malaria)	Simmons & Aitken	1942
xelajuensis De Léon	Tree holes; among rocks; 128	Simmons & Aitken	1942
	Tree hole, at 8,000-8,500 feet; Sept.; 204°	Vargas & Martinez Palacios	1943
	---; ---; 204, 237	Stone et al.	1959
CELLIA albimana (Wiedemann)	---; ---; 21, 129 (Small water holes, shallow water, fresh marshes, brackish water with vegetation)	Ludlow	1913
	---; coastal damp regions, possible vector of malaria; 99	Espinosa-Tamayo	1917
argyrotarsis Robineau-Desvoidy	---; ---; 21, 129 (Temporary fresh water pools, positive to malaria and filaria nocturna)	Ludlow	1913
strigimaculata Dyar & Knab	---; ---; 238	Ludlow	1913
tarsimaculata Goeldi	Brackish water; ---; 238	Ludlow	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CHAGASIA bathanus (Dyar)	---; ---; 53	Shannon	1931
	---; ---; 82, 138, 237, 328 (Shaded running streams among roots, dead leaves, clear rock pools)	Komp	1942
	Shady stream pools near tree roots and vegetation, running streams; ---; 85	Kumm et al.	1940
	---; ---; 85, 138, 204, 237, 328 (Potholes in soft coral rock bed, shady rocky hill streams below water falls)	Simmons & Aitken	1942
	Creeks, streams with vegetation; ---; 99	Levi Castillo	1945
	---; rare; 99	Levi Castillo	1946
	---; ---; 128, 223	Stone et al.	1959
	---; Jan., Mar.-Apr., Nov.; 204	Vargas & Martinez Palacios	1955
	Accumulations of drift in still eddies and along grassy margins of swift streams with rocky or sandy bottom; bites by day; 237°	Galindo et al.	1951
	Fresh, clean, shaded or sunny, still running water; all year, rare; 237	Baxter & Zetek	1944
	Permanent, clear, shaded water in swift-flowing streams, pools formed by drying streams and flood pools along margins of rivers, sometimes in seepage areas; ---; 328	Cova-Garcia	1951
bonneae Root	---; ---; 51	Stone et al.	1959
	Shaded streams, clear running water with fallen leaves; ---; 53	Deane et al.	1948
	---; ---; 82, 240, 297	Lane	1953
	---; Mar., June, bite man in forest; 130°	Floch & Abonnenc	1942 +
fajardoi (Lutz)	---; ---; 27, 53, 82, 129 (Aquatic stages on side pools of streams and rivers)	Lane	1953
	Small rapid mountain brooks, among grass stems fringing a narrow channel with swiftly running water; bites in the evening; 53°	Root	1927 a
	Ground pool; all year; 53	Causey & dos Santos	1950
	---; July; 82	Komp	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CHAGASIA			
fajardoi (Lutz) (cont.)	---; ---; 297 (Among vegetation along margins of flowing streams, rarely bites man)	Simmons & Aitken	1942
	---; in forests; 297	Bonne-Wepster & Bonne	1921
rozeboomi Causey, Deane & Deane	Shaded forest springs and streams with clear, cool, moving water and marginal vegetation; rarely enters houses, bites man outdoors at sunset; 53°	Causey et al.	1945
	---; rare; 53	Deane et al.	1946a
CULEX			
abnormalis Lane	Streams, clear water with fallen leaves; ---; 53	Lane	1936
accelerans Root	Among dense vegetation in river lagoon; ---; 53	Root	1927b
	---; ---; 237	Stone et al.	1959
acharistus Root	Marshy expansions of mountain streams, rapid river side pools; ---; 53	Root	1927b
aglischrus Dyar	Shallow well, cesspool and ground pool; at 9000 feet, Aug.; 82	Dunn	1929
	Ground holes; ---; 82	Dyar	1924c
	Pools in bed of river, roadside pool; enters houses; 328	Dyar	1925d
aikenii (Aiken & Rowland)	---; ---; 21	Thompson	1947
	---; ---; 53	Lane	1953
	---; ---; 82, 120, 237, 238, 297, 328 (Among *Pistia* roots, attracted to light, enters houses)	Dyar	1928a
	---; outdoors, on screens of houses, common in Nov.-Dec.; 82	Dunn	1929
	Ponds with *Pistia*; ---; 85	Kumm et al.	1940
	Among roots of *Pistia*; ---; 137, 347	Dyar	1925c
	---; ---; 204, 237	Stone et al.	1959
	Ditches; ---; 297	Bonne & Bonne-Wepster	1925
airosai Lane	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENEKAL STATEMENTS)	AUTHOR	DATE
CULEX	---; ---; 27, 82, 237, 328	Stone et al.	1959
albinensis Bonne-Wepster & Bonne	Pools; ---; 53	Evans	1924 +
	Ground pools; ---; 297	Bonne-Wepster & Bonne	1919 a
albipes Lutz	Bromeliads; ---; 53	Dyar	1928 a
	---; ---; 328	Anduze	1941
alcocci Bonne-Wepster & Bonne	---; July; 53	Lane	1936
	Temporary pools in woods; March; 297	Bonne-Wepster & Bonne	1919 a
aliciae Duret	---; ---; 27, 53	Stone et al.	1959
allostigma (Howard, Dyar & Knab)	---; ---; 85	Kumm et al.	1940
	Artificial containers in forest, predaceous; ---; 130	Floch & Abonnenc	1947 a +
	---; ---; 223, 237. Tree holes, ground pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	Rockholes, drains, small pools, tree holes with polluted water; ---; 238	Galindo et al.	1951
	---; ---; 240, 328	Stone et al.	1959
alogistus Dyar	---; along river; 82	Dyar	1924 e
	---; ---; 85, 130	Stone et al.	1959
	Ground pools; ---; 237	Galindo et al.	1951
	---; Feb.; 237	Dyar	1928 a
	Pools in woods; Mar.; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1942
altiecla Martini	---; ---; 51	Stone et al.	1959
amazonensis (Lutz)	---; along river; 82	Dyar	1924 e
	---; ---; 237	Stone et al.	1959
	Permanent pool with vegetation; enters houses in the evening; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *amazonensis* (Lutz) (cont.)	---; along rivers; 328	Dyar	1925 d
	---; ---; 347	Dyar	1925 c
americanus (Neveu-Lemaire)	---; ---; 18, 19	Lane	1953
	---; ---; 21	Thompson	1947
	Bromeliads; ---; 22	Tulloch	1937
	Edge of mangrove swamps; ---; 24. Bromeliads; ---; 127	Edwards & Box	1940
	Bromeliads; ---; 24	van der Kuyp	1948
	---; crabholes; 24	Floch & Abonnenc	1945 +
	---; ---; 91, 347	Lane	1953
	---; ---; 130, 346 (Bromeliads)	Dyar	1928 a
	---; ---; 329	Stone et al.	1959
amitis Komp	---; ---; 328	Rozeboom	1950
andricus Root	Pond with vegetation; ---; 53	Root	1927 b
anduzei Cerqueira & Lane	---; ---; 53	Lane	1953
aneles Dyar & Ludlow	---; ---; 237	Dyar	1923 c
	Swamps; Feb., Oct.; 238	Dyar	1925 c
anips Dyar	---; ---; 53	Stone et al.	1959
annuliperus Blanchard	---; ---; 75	Dyar	1924 a
ansiformis Bonne-Wepster & Bonne	Ponds and flooded savannahs; ---; 130	Floch & Abonnenc	1947 a +
antillum-magnorum Dyar	Artificial containers, Bromeliads; Feb., June; 22	Wolcott	1936
antunesi Lane & Whitman	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
aphylactus Root	Bromeliads; ---; 53	Lane & Whitman	1951
apicalis Adams	---; ---; 204	Martinez Palacios	1952
apicinus Philippi	---; ---; 51	Lane	1953
	Small pool in dry streambed; ---; 75	Edwards	1931
arizonensis Bohart	---; ---; 204	Martinez Palacios	1952
articularis Philippi	Shallow well; on windows; 27, 75	Edwards	1931
	---; ---; 99, 240	Stone et al.	1959
articulatus Rondani	---; ---; 75	Dyar	1926
aseyehae Dyar & Knab	---; ---; 17	Dyar	1917
atratus Theobald	---; ---; 17	Porter	1967
	---; ---; 18, 20, 21, 23 (Ground pools)	Dyar	1928a
	Semi-permanent roadside swamps; ---; 22	Root	1922
	Small lake, cattail swamp; ---; 22	Wolcott	1936
	Fresh or brackish water; ---; 22	Tulloch	1937a
	Permanent pools; ---; 22	Wolcott	1941
	Ponds, flooded savannahs, temporary and permanent pools, grassy ditches, small streams; Sept., Nov.-Dec., enter houses; 24	Floch & Abonnenc	1945 +
	Pools in ravine, beneath floating leaves and debris; ---; 24	Edwards & Box	1940
	---; Feb., bite man in evening in woods, rare; 53°	Pinto	1930
	---; ---; 130	Stone et al.	1959
	---; ---; 237, 329, 347	Lane	1953
	Mangrove swamps; ---; 346	Bonne & Bonne-Wepster	1925
[illegible] Duret & Barreto	---; ---; 53	Stone et al.	1959
[illegible] Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
automartus Root	Bromeliads; ---; 53	Root	1927 b
azuayus Levi Castillo	---; ---; 99	Stone et al.	1959
azymus Dyar & Knab	Bromeliad; ---; 329	Dyar	1928a
babahoyensis Levi Castillo	---; ---; 99	Stone et al.	1959
bahamensis Dyar & Knab	---; ---; 17, 23 (Marshy ground pools)	Dyar	1928a
	---; ---; 20, 21	Porter	1967
	Brackish water in pools and hooftracks; ---; 22	Tulloch	1937
	Outlet of small lake; ---; 22	Wolcott	1936
	---; active at night; 22	Weathersbee & Bohart	1944
	Concrete reservoir, wells, beach pool; ---; 24	van der Kuyp	1949
	Shallow well at the edge of mangrove swamps, coastal swamps; ---; 24	Edwards & Box	1940
	---; ---; 329, 346	Stone et al.	1959
bambusa Rozeboom & Komp	---; ---; 82	Lane	1953
barbirostris Dyar & Knab	Pool; ---; 329	Bonne & Bonne-Wepster	1925
bastagnei Dyar & Knab	---; ---; 27, 99, 204, 237, 240, 329, 347	Stone et al.	1959
	Grassy pond; ---; 82	Komp	1936
	Stagnant stream pools with vegetation; ---; 85	Kumm et al.	1940
	Swamps, ricefields, flooded savannahs, grassy water holes, ditches, excavations in rocks, pools; ---; 130	Floch & Abonnenc	1947a +
	Sunny pond in marshy water with vegetation; ---; 262	Kumm & Zuniga	1942
	Ground pools; Jan., May; 297	Dyar	1928a
	---; active by day; 328	Arduze	1943c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
batesi Rozeboom & Komp	---; ---; 82	Rozeboom & Komp	1950
beauperthuyi Anduze	---; ---; 53, 237	Stone et al.	1959
	Salt water swamps along the coast; Jan.; 328	Anduze	1943b
bejaranoi Duret	---; ---; 27	Stone et al.	1959
belemensis Duret & Damasceno	---; ---; 53	Stone et al.	1959
bequaerti Dyar & Shannon	---; ---; 53	Dyar	1928a
bibulus Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923a
bickleyi Forattini	---; ---; 20	Porter	1967
bidens Dyar	---; Nov.; 51	Dyar	1922c
	Tree holes; ---; 204	Martinez Palacios	1952
	---; ---; 328	Anduze	1941
bifoliatus Dyar	---; ---; 237	Dyar	1923a
	Tree holes; Dec.; 238. ---; ---; 328	Dyar	1925c
bifoliolatus Duret & Barreto	---; ---; 53	Stone et al.	1959
bigoti Bellardi	Streams; ---; 27	Del Ponte	1931
	---; ---; 51, 53, 82, 129, 237, 328	Stone et al.	1959
	---; ---; 128, 204	Bonne & Bonne-Wepster	1925
	Debris filled spring; ---; 262	Kumm & Zuniga	1942
bihaicolus Dyar & Nuñez Tovar	---; ---; 82, 85, 99	Stone et al.	1959
	Bamboo and *Heliconia*; ---; 204	Martinez Palacios	1952
	Bamboo tree holes, palm spathes, artificial containers; May, July-August, October; 237	Galindo et al.	1951
	Heliconia; ---; 328	Dyar	1928a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX	---; ---; 18, 19, 21, 22	Porter	1967
bisulcatus Coquillett	---; Oct.; 20	Root	1927
	---; ---; 24	Senevet	1938
	Bromeliads, artificial containers; ---; 346	Bonne & Bonne-Wepster	1925
bonneae Dyar & Knab	Artificial containers; ---; 53	Kumm & Novis	1938
	Hollow in fallen log; ---; 53	Townsend	1934
	Temporary pools, sewage pits, artificial containers; ---; 130	Floch & Abonnenc	1947a +
	Ground pools; ---; 237	Dunn	1934
	Treeholes, pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	---; Oct.; 297	Bonne-Wepster & Bonne	1921 a
bonnei Dyar	---; ---; 51, 53, 82, 130, 297	Stone et al.	1959
	---; ---; 85	Dyar	1921 g
borinqueni Root	Ditches, slow streams, pools and marshy areas; common in coastal plains, July-Aug.; 22	Root	1922
bretheai Dyar	---; ---; 27	Dyar	1919
breviculus Senevet & Abonnenc	---; forest, Jan., June, Oct.; 130	Floch & Abonnenc	1947a +
brevispinosus Bonne-Wepster & Bonne	---; ---; 53, 82	Stone et al.	1959
	Small ground pools, tree holes, old boat; Jan., March, Dec.; 297	Bonne & Bonne-Wepster	1925
	Shaded rain pools and rock holes in forests; ---; 328	Hecht & Anduze	1944
brumi Komp	Bamboo traps, tree holes; April, July-Mar.; 237	Galindo et al.	1951
canaanensis Lane & Whitman	---; ---; 53	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *carcinophilus* Dyar & Knab	---; ---; 19, 20 (Crabholes with water along the shore)	Dyar	1928 a
	Edge of lake in water with much floating vegetation; ---; 22	Tulloch	1937
	---; ---; 91	Lane	1953
	---; ---; 128	Martini	1935
carcinoxenus Castro	Crabholes; ---; 53	Lane	1953
caribeanus Galindo & Blanton	---; ---; 238	Stone et al.	1959
carioca Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
cauchensis Floch & Abonnenc	---; ---; 53	Stone et al.	1959
	---; Apr.; 130	Floch & Abonnenc	1947 a +
caudelli (Dyar & Knab)	---; ---; 53	Kumm & Novis	1938
	---; along river; 82	Dyar	1924 c
	---; ---; 129, 237, 328	Stone et al.	1959
	Tree holes and pools; Feb.-Mar., June; 130	Floch & Abonnenc	1947 a +
	---; ---; 297, 329 (Large open ground pool)	Dyar	1928
	---; common; 329	Rozeboom & Komp	1950
cenaus Root	Jungle pools, roadside ditches and in the side-eddies of a river; common; 53	Root	1927 b
chanquinolae Galindo & Blanton	---; ---; 237	Stone et al.	1959
chaquense Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
chidesteri Dyar	---; ---; 21, 22, 85, 99, 204, 237, 346	Stone et al.	1959
	Ponds with vegetation; ---; 24	Floch & Abonnenc	1945 +
	---; ---; 51	Lane	1953
	River channel with vegetation; ---; 53	Root	1927 b

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *chidesteri* Dyar (cont.)	---; ---; 53, 238, 328 (Ground pools)	Dyar	1928 a
	---; jungle; 82	Komp	1936
	---; on hospital screens, June; 238	Dyar	1925 c
	---; in houses; 262	Kumm & Zuniga	1942
	Quiet flood pool; June; 328	Hecht & Anduze	1944
chilensis Blanchard	---; ---; 75	Dyar	1924 a
chryselatus Dyar & Knab	Bromeliads and other plants; ---; 53	Kumm & Novis	1938
	Bromeliads; ---; 82	Komp	1936
	---; ---; 99, 237	Stone et al.	1959
	Bromeliads; Jan., March-April, Aug.; 297	Bonne & Bonne-Wepster	1925
	Bromeliads; ---; 328	Anduze	1942 a
chrysonotum Dyar & Knab	---; ---; 82, 130, 137, 204, 237, 297, 328	Stone et al.	1959
	Exposed ground pools and ponds, brackish water; ---; 85	Kumm et al.	1940
	Ground pools; May-July, Oct.-Dec.; 238. ---; ---; 347	Dyar	1925 c
	---; ---; 352	Dyar	1923
chrysothorax (Peryassú)	Pool;---; 53	Gordon & Evans	1922
	---; ---; 328	Strong et al.	1926
clarki Evans	Small streams with vegetation, rivers and lagoons; Mar.-June; 53	Root	1927 b
colombiensis Dyar	---; along river; 82	Dyar	1924 e
comatus Senevet & Abonnenc	---; ---; 82	Rozeboom & Komp	1950
	Flooded areas in forest; in woods; 130	Floch & Abonnenc	1947 a +
cornevignonalis Bonne-Wepster & Bonne	---; ---; 82, 130, 237	Stone et al.	1959
	Ditches; March; 297	Bonne-Wepster & Bonne	1919 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX	---; ---; 99, 297	Stone et al.	1959
comminutor Dyar	Temporary and permanent pools, ditches, bamboos, tree holes; small woods; 130	Floch & Abonnenc	1947a +
	---; ---; 297°	Dyar	1928a
confirmatus Lynch Arribálzaga	---; ---; 17	Dyar	1917
confundior Komp & Rozeboom	---; ---; 297	Stone et al.	1959
conservator Dyar & Knab	Tree holes, pool; ---; 24	MacDonald	1917
	Artificial containers; ---; 53	Kumm & Novis	1938
	---; ---; 82	Stone et al.	1959
	Tree holes; ---; 85	Kumm et al.	1940
	Bamboo traps, tree holes; Mar.-June; 237	Galindo et al.	1951
	Tree holes; ---; 297	Bonne & Bonne-Wepster	1925
	Tree holes; ---; 328	Hecht & Anduze	1944
	---; ---; 329, 346 (Tree holes)	Dyar	1928a
consolator Dyar & Knab	Bromeliads; ---; 53	Lane & Whitman	1951
	---; ---; 329 (Bromeliad)	Dyar	1928a
conspirator Dyar & Knab	---; on screens of houses; 82	Dunn	1929
	---; ---; 82, 99, 204 (Ground pools, grooved root bases of certain trees). ---; July, Oct.; 237. ---; Mar.-May, Aug., Dec.; 238	Dyar	1925c
	Potholes and rocky pools at stream and river edges, among floating vegetation and debris; ---; 85	Kumm et al.	1940
	---; Apr.-June; 99	Campos	1925 +
	---; common; 237	Rozeboom & Komp	1950
	Edge of river, pools; ---; 238	Dyar & Shannon	1924
	Sunny stream pools with debris and vegetation, tree holes; cave: 262	Kumm & Zuniga	1942
	---; ---; 328	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
roppenburgensis Bonne-Wepster & Bonne	Temporary pools in forest; ---; 130	Floch & Abonnenc	1947a +
	Ground pools; May; 297	Bonne-Wepster & Bonne	1919 a
	---; rare; 297	Rozeboom & Komp	1950
	---; ---; 328	Lane	1953
roentgenensis Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
sermiger Theobald	---; ---; 18, 20, 21, 51, 138, 325	Stone et al.	1959
	Ditch without vegetation; ---; 24	Floch & Abonnenc	1945 +
	Artificial containers, nut shells, fallen leaves and rinds, temporary ground pools; ---; 53	Kumm & Novis	1938
	---; garden; 53	Gordon & Evans	1922
	---; ---; 53, 69, 204, 237, 328, 329, 346, 347 (Ground pools, tree holes, bamboo, artificial containers)	Dyar	1928 a
	---; ---; 53, 69, 204, 346 (Crab holes, salt water pools, artificial containers, edges of swamps and streams)	Bonne & Bonne-Wepster	1925
	Bamboo sections; in houses; 82°	Komp	1936
	Artificial containers with aquatic plants, ground pools; ---; 82	Dunn	1929
	Ground pools, tree holes, coconut shells; ---; 85	Kumm et al.	1940
	---; ---; 99	Dyar	1925 b
	Open barrels, old canoes, flooded meadows; ---; 130	Floch & Abonnenc	1947 a +
	Temporary rain pools, partially cleared jungle; ---; 137	Root	1924
	---; ---; 204, 346, 347. Temporary surface pools, husks and artificial containers; July; 237. Temporary surface pools, husks and artificial containers; Jan., March-July, Oct.-Dec.; 238	Dyar	1925 c
	Artificial containers with decaying vegetation, stagnant pools; ---; 223	Woke	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX corniger Theobald (cont.)	Pit latrines; Oct. and Nov.; 237	Schapiro	1934
	Ground pools, artificial containers, tree holes; May; 237	Galindo et al.	1951
	Sunny seepage areas among *Spirogyra*; ---; 262	Kumm & Zuniga	1942
	Shaded rain pools in rocks, forest; ---; 328	Hecht & Anduze	1944
coronator Dyar & Knab	---; ---; 27, 53, 99, 204, 237, 328, 329, 347 (Ground pools, occasionally in tree holes)	Dyar	1928 a
	---; ---; 51, 130, 239, 240	Stone et al.	1959
	Dirty pools without vegetation, shallow dirt wells and borrow pits; Feb.-Apr., June; 53	Root	1927 b
	Tree holes, fallen leaves, fruit rind, artificial containers; ---; 53	Kumm & Novis	1938
	---; woods, occasionally in houses, Jan.-Mar., June-Dec.; 53	Townsend	1934
	Hoofprints at the edges of stream and clear water ground pools; ---; 82	Dunn	1929
	Tree holes; ---; 82	Komp	1936
	Ground pools and depressions along the edges of streams and seepage areas in the sun; ---; 85	Kumm et al.	1940
	Clear water and stagnant pools, with or without vegetation, in sun or shade; ---; 223	Woke	1947
	Tree holes, bamboo traps, artificial containers, ground pools; Sept.-Mar., rare; 237	Galindo et al.	1951
	Sunny seepage areas with green algae, edges of large ponds with floating vegetation; ---; 262	Kumm & Zuniga	1942
	Rockpools, ground pools, tree holes, artificial containers; Jan.-Feb., Apr.; 297	Bonne & Bonne-Wepster	1925
	Fallen tree hole; Oct.; 297	Bonne-Wepster & Bonne	1921a
	Puddles near shade; ---; 328	Hecht & Anduze	1944
coronator camposi Dyar	---; ---; 99	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX	---; Jan.-Apr.; 99	Campos	1925 +
coronator			
coronator Dyar & Knab	Diverse receptacles, all kinds of standing fresh water, tree holes and rarely Bromeliads; all year; 130	Floch & Abonnenc	1947 a +
corrigani Dyar & Knab	Dark holes, old cisterns; ---; 237	Dyar	1928 a
	Bamboo traps, tree holes; May-Oct.; 237	Galindo et al.	1951
	Artificial containers; July; 238	Dyar	1925 c
	---; ---; 297	Dyar	1921
creole Anduze	---; ---; 328	Stone et al.	1959
crybda Dyar	---; ---; 53, 237, 328	Lane	1953
	---; along river; 82	Dyar	1924 e
cuclyx Dyar & Shannon	Edges of streams; April; 238	Dyar	1925 c
curopinensis Bonne-Wepster & Bonne	Permanent and semi-permanent pools; common all year; 297	Bonne & Bonne-Wepster	1925
curryi Dyar	Rock pool in dense jungle; ---; 238	Dyar	1926
cyanescens Coquillett	---; ---; 17	Dyar	1917
daumastocampa Dyar & Knab	Bromeliads; ---; 85	Kumm et al.	1940
	Bromeliads; ---; 223	Woke	1947
	Tillandsia; Jan.; 237	Dyar	1925 c
	Bromeliads; ---; 238	Dyar	1928
	---, ---; 328	Anduze	1941
davisi Kumm	---; ---; 53	Lane	1953
	---; ---; 328	Anduze	1941
debilis Dyar & Knab	---; ---; 240	Dyar	1926
declarator Dyar & Knab	Rock pools in forested ravine; ---; 24	Edwards & Box	1940
	---; ---; 51, 204, 262, 325, 328, 329, 346, 347	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX declarator Dyar & Knab (cont.)	Small pools with vegetation; Feb.-Mar. and June; 53	Root	1927 b
	Artificial containers, empty Brazilnut shells, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
	Potholes among rocks, bed streams in sunshine; ---; 85	Kumm et al.	1940
	Marsh and ground pools; ---; 85	Dyar	1921 d
	Exposed stagnant ground pools with little or no vegetation; ---; 223	Woke	1947
	Dirty pools, tree holes and artificial containers; June; 237. Dirty pools, tree holes and artificial containers; Jan.-July, Oct.-Dec.; 238	Dyar	1925c
	Artificial containers, ground pools; ---; 237. Shaded rock holes along beaches; ---; 238	Galindo et al.	1951
	Pit latrines; Oct.-Nov.; 237	Schapiro	1934
	Tree holes; ---; 237	Dunn	1934
	Tree stumps; ---; 238	Dyar & Shannon	1924a
	---; common, in houses; 262	Kumm & Zuniga	1942
	Small pools in coastal region; Jan., March, May; 297	Bonne & Bonne-Wepster	1925
	Marshes, lagoons; ---; 328	Anduze	1943a
	Puddles near river; ---; 328	Hecht & Anduze	1944
	---; on a steamer; 328	Dyar	1925d
delys Howard, Dyar & Knab	---; ---; 237	Lane	1953
	---; ---; 238	Stone et al.	1959
derivator Dyar & Knab	---; ---; 85, 204 (Grassy ground pools)	Dyar	1928a
	---; ---; 237	Stone et al.	1959
digitatus Rondani	---; ---; 130	Leger	1918
distinguendus Dyar	Tree holes; ---; 53	Kumm & Novis	1938
	---; ---; 82, 85, 237	Stone et al.	1959
	---; ---; 238	Rozeboom & Komp	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *dolosus* (Lynch Arribálzaga)	---; ---; 27, 51, 53, 75, 99, 325	Stone et al.	1959
dornarum Dyar & Shannon	---; ---; 237	Dyar	1928a
	---; September, Dec.; 238	Dyar & Shannon	1924
dubitans Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
dunni Dyar	---; ---; 53, 82, 237, 297 (Grassy lake margins with *Pistia*)	Bonne & Bonne-Wepster	1925
	Grassy pond; ---; 82	Komp	1936
	---; along river; 82. Edge of lake; ---; 237	Dyar	1924 b
	---; ---; 85	Stone et al.	1959
	Lakes and flooded savannahs; Feb., Apr., June-July, Oct.-Nov., on walls and in small woods; 130	Floch & Abonnenc	1947 a +
	---; ---; 204	Martinez Palacios	1952
	Edge of lakes; July; 238. ---; ---; 3 '	Dyar	1925 c
	---; common; 238	Rozeboom & Komp	1950
	---; ---; 328	Anduze	1943 a
duplicator Dyar & Knab	Ground pools; ---; 19	Bonne & Bonne-Wepster	1925
	---; ---; 20 (Ground pool)	Dyar	1928 a
	---; ---; 23	Porter	1967
	---; ---; 91	Dyar	1924 c
lyius Root	Coastal lowlands; ---; 53	Root	1927 b
pastor Dyar	---; ---; 53, 99, 204, 297	Stone et al.	1959
	---; along river; 82	Dyar	1924 e
	---; ---; 128, 237, 347	Lane	1953
	---; Feb.; 130	Floch & Abonnenc	1943 a +
	---; ---; 297	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX	---; ---; 27, 51, 82, 99, 204, 297	Stone et al.	1959
educator Dyar & Knab	Ground pools; June-Sept., enter houses; 53	Townsend	1934
	Jungle pools with vegetation; ---; 53	Root	1927 b
	Ground pools; enter houses; 85, 237, 297, 328	Dyar	1928 a
	---; common; 85	Rozeboom & Komp	1950
	Small stream bed pool; ---; 137	Root	1924 +
	Ground pools, springs; Nov.; 237. Ground pools, springs; Jan., March-April, June-July, Dec.; 238. ---; ---; 347	Dyar	1925 c
	Swamps, temporary pools; ---; 328	Hecht & Anduze	1944
egcymon Dyar	---; common; 237	Rozeboom & Komp	1950
	Slow moving stream, *Pistia*; May, Aug.; 238	Dyar	1925 c
elephas Komp	---; rare; 237	Rozeboom & Komp	1950
eleuthera Dyar & Knab	---; ---; 17	Dyar	1917
elevator Dyar & Knab	---; ---; 22, 27, 53, 82, 99, 204, 328, 346	Stone et al.	1959
	Permanent and temporary pools, ponds, ditches, small streams; ---; 24	Floch & Abonnenc	1945 +
	Rock pools in forested ravine; ---; 24	Edwards & Box	1940
	---; ---; 53, 85, 237 (Ground pools, rock pools)	Dyar	1928 a
	Jungle pools; ---; 82	Komp	1936
	---; common; 85	Rozeboom & Komp	1950
	River; ---; 137	Root	1924 +
	Ground and small rock pools; Feb.; 237. Ground and small rock pools; April, July; 238	Dyar	1925 c
	---; caves; 262	Kumm & Zuniga	1942
elongatus Rozeboom & Komp	---; ---; 82	Lane	1953
ensiformis Bonne-Wepster & Bonne	Grassy pools; Dec., Jan.; 297	Bonne-Wepster & Bonne	1919 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX	Artificial container; ---; 237	Dyar	1928 a
epanastasis Dyar	River; July; 238	Dyar	1925 c
epirus Aiken	---; ---; 129	Stone et al.	1959
equinoxalis Floch & Abonnenc	---; ---; 130	Rozeboom & Komp	1950
erethyzonfer Galindo & Blanton	---; ---; 237	Stone et al.	1959
erraticus (Dyar & Knab)	---; ---; 18, 20, 21, 82, 129, 204	Stone et al.	1959
	Grassy, temporary pools and rockholes; ---; 130	Floch & Abonnenc	1947 a +
	Pools and streams; ---; 137	Root	1924 +
	Sunny water in borrow pit, hoof prints, stream edges and estuary; ---; 223	Woke	1947
	Sunny pools with vegetation, river edge, tree holes; ---; 262	Kumm & Zuniga	1942
	---; rare; 329	van der Kuyp	1949 a
escomeli Brethes	---; ---; 240	Dyar	1928 a
evansae Root	Jungle pools; ---; 53	Root	1927 b
	Ditches, streams, temporary pools, swamps, vegetated lakes; Jan., Mar.-Dec.; 130	Floch & Abonnenc	1947 a +
	---; ---; 237	Stone et al.	1959
excitans Root	Among thick aquatic vegetation, in rivers, lagoons and ponds; Feb.-Apr., June; 53	Root	1927 b
fiteri Dyar & Knab	---; ---; 297	Bonne-Wepster & Bonne	1923 a
fitchii Galindo & Blanton	---; ---; 237	Stone et al.	1959
fuscocruciatus (Lutz)	---; ---; 53	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX fatigans Wiedemann	---; naturally infected with *Wuchereria bancrofti*; 18, 297, 329	Manson Bahr	1959
	---; ---; 21, 48, 237	Ludlow	1913
	Artificial containers, latrines, septic tank; common in coastal plain, bites man in the evening, April, June, Aug.; 22°	Wolcott	1936
	Artificial containers, brackish water; ---; 23°	O'Connor & Beatty	1938
	Artificial containers, cess pool; in houses; 24	Edwards & Box	1940
	---; common; 24	Senevet & Ouiévreux	1941
	Artificial containers; in houses; 27	Kraus	1916
	---; ---; 51, 239	Martini	1931
	Temporary ground holes, artificial containers; ---; 53	Kumm & Novis	1938
	---; experimentally infected with and efficient host of *W. bancrofti*; 53	Davis	1935
	---; experimentally infected with yellow fever virus (Asibi-strain); 53	Davis	1933
	Drains; in houses, common; 53*	Causey et al.	1945 a
	Artificial containers, ground pools, seepage areas; ---; 85	Kumm et al.	1940
	Flooded pit latrines, cesspools, drains and similar foul water; in houses; 129*°	Giglioli	1948
	---; naturally and experimentally infected with *W. bancrofti*; 129	Giglioli	1948 a
	---; ---; 130	Leger	1918
	---; ---; 204	Martini	1935
	Artificial containers, foul water; enters houses; 223*°	Woke	1947
	Marshes, pools and wells; ---; 240	Converse	1914
	---; in houses; 262	Kumm & Zuniga	1942
	Foul water, pools, sewers, cesspools, artificial containers; common, near human habitations; 297	Bonne & Bonne-Wepster	1925
	---; carrier of filaria; 297	Flu	1926
	---; ---; 328*	Ortiz	1944

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
COLEX			
fatuator Dyar & Shannon	---; June; 237. ---; April, July; 238	Dyar	1925 c
federalis Dyar	---; ---; 204	Dyar	1923 d
finlayi Perez Vigueras	---; ---; 18	Porter	1967
flabellifer Komp	---; ---; 21	Thompson	1947
	---; ---; 137, 204, 237	Stone et al.	1959
flavipes Macquart	---; ---; 130	Leger	1918
florense Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
foliaceus Lane	---; ---; 53	Lane	1953
foliafer Komp & Rozeboom	---; ---; 237, 297	Stone et al.	1959
fur Dyar & Knab	---; ---; 138, 204, 237, 297	Lane	1953
fusco Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
gairus Root	Bromeliads; ---; 53	Root	1927 b
galindoi Komp & Rozeboom	---; ---; 237	Stone et al.	1959
gnudeator Dyar & Knab	---; ---; 85, 237	Stone et al.	1959
gordoni Evans	Pool; ---; 53	Evans	1924
gravitator Dyar & Knab	Bromeliad; ---; 204	Dyar	1928 a
gratiator Dyar & Knab	---; ---; 237	Lane	1953
grijalvi Levi Castillo	---; ---; 99	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE	
CULEX habilitator Dyar & Knab	Crab holes and ground pools near coast; ---; 19	Bonne & Bonne-Wepster	1925	
	---; ---; 20	Root	1927	
	Brackish pools and hooftracks, swampy fresh water areas; rest in shade; 22	Tulloch	1937	
	Stagnant ditch; Oct.; 22	Wolcott	1936	
	Crab holes; ---; 22	Weathersbee	1944	+
	---; experimental vector of *Wuchereria bancrofti*, rare; 23	O'Connor & Beatty	1938	
	---; ---; 23*	Manson-Bahr	1959	
	---; ---; 23, 91 (Ground pools, near coast, rock holes, crab holes)	Dyar	1928	a
	Hoofprints in muddy roadside, trench in coastal area, crab holes near mangroves; ---; 24	Edwards & Box	1940	
	---; ---; 329, 346	Stone et al.	1959	
haynei Komp & Curry	---; ---; 237	Komp & Curry	1932	
hedys Root	Bromeliads; ---; 53	Root	1927	b
hesitator Dyar & Knab	---; along river; 82	Dyar	1924	c
	Hoofprints, ditches and exposed ground pools; ---; 85	Kumm et al.	1940	
	---; ---; 204	Martinez Palacios	1952	
	Stream edges; ---; 237	Bonne & Bonne-Wepster	1925	
	Small swampy streams; May; 238	Dyar	1925	c
	---; ---; 328	Anduze	1941	
holmesae Dyar	---; ---; 82, 85 (Ground pools)	Dyar	1925	c
humilis Theobald	---; ---; 53	Stone et al.	1959	

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX	---; ---; 27, 130, 328	Stone et al.	1959
idottus Dyar	Ground pools; common June-March, less active Nov.-Dec., in woods, enters houses by day; 53	Townsend	1934
	---; rare; 297	Rozeboom & Koup	1950
imitator Theobald	---; ---; 27, 99, 204, 329, 347	Stone et al.	1959
	Bromeliads; ---; 53	Root	1927b
	---; along river; 82	Dyar	1924e
	---; ---; 82, 129, 329 (Bromeliads)	Dyar	1928a
	Bromeliads; ---; 223	Woke	1947
	Leaf bases of *Tillandsia*; Jan.; 237. Leaf bases of *Tillandsia*; Aug.; 238. ---; ---; 311	Dyar	1925c
	Bromeliads; common, coastal and interior region; 297	Bonne & Bonne-Wepster	1925
	Bromeliads in jungle; ---; 328	Anduze	1942a
imitator imitator Theobald	Bromeliads; Oct.; 27	Mühlens et al.	1925
	Bromeliads; May, Dec., in forest; 130	Floch & Abonnenc	1947a +
	---; ---; 347	Lane	1953
imitator retrosus Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
implicator Senevet & Abonnenc	---; ---; 130	Stone et al.	1959
inadmirabilis Dyar	---; ---; 53	Lane	1953
indecorabilis (Theobald)	---; ---; 53	Stone et al.	1959
indusens Root	---; ---; 328	Dyar	1928 a
inflictus Theobald	---; ---; 18, 346	Stone et al.	1959
	Roadside gutters; ---, 24	MacDonald	1917
	Crabholes; Aug.-Dec.; 24	Floch & Abonnenc	1945 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *inflictus* Theobald (cont.)	---; ---; 82, 85, 237, 328, 329 (Crabholes, ground pools on coast)	Dyar	1928 a
	Tree holes; ---; 137	Root	1924 +
	Crabholes; ---; 204	Martinez Palacios	1952 a
	Crabholes along the coast, artificial containers; Oct.; 237°. Crabholes along coast, artificial container; Feb.-Aug., Nov.-Dec.; 238°	Dyar	1925 c
	Pit latrines; Oct. and Nov.; 237	Schapiro	1934
	Artificial containers, hollow in logs; ---; 237	Dunn	1934
infoliatus Bonne-Wepster & Bonne	---; ---; 53, 240	Stone et al.	1959
	Tree holes, palm spathes; in jungle; 82	Komp	1936
	Tree holes, artificial containers, fallen leaves; ---; 130	Floch & Abonnenc	1947 a +
	Tree holes; Jan.; 297	Bonne-Wepster & Bonne	1919
	---; ---; 328	Anduze	1941
inhibitator Dyar & Knab	---; ---; 19	Stone et al.	1959
	---; ---; 21, 91, 328, 329, 347	Lane	1953
	Ditches, slow streams, pools, marshy places; common in coastal plains; 22	Wolcott	1936
	All types of fresh or brackish, clean [illegible], rarely in polluted water; ---; 22	Tulloch	1937
	Roadside po[illegible]; 22	Weathersbee	1944 +
	Grassy, temporary pools, ---; 82	Komp	1936
	Sunny ponds covered with *Pistia stratiotes* and other vegetation; ---; 85	Kumm et al.	1940
	---; ---; 128, 138, 204	Martini	1935
	Grassy ditches; ---; 130	Floch & Abonnenc	1947a +
	---; ---; 237 (Ground pools)	Dyar	1928a
	Borrow pit with vegetation; ---; 262	Kumm & [illegible]	1940
inimitabilis Dyar & Knab	Bromeliads; ---; 53, 297, 328, 329	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
inimitabilis			
fuscatus Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
innominatus Evans	Small marshy ponds, ditches, lagoons; Feb., Apr., May; 53	Root	1927 b
	---; ---; 328	Dyar	1928 a
innovator Evans	River overflow; ---; 53	Root	1927 b
	Flooded areas; ---; 130	Floch & Abonnenc	1947 a +
interfor Dyar	---; ---; 27	Dyar	1928 a
	---; ---; 51	Lane	1953
intermedius Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
interrogator Dyar & Knab	---; ---; 22	Porter	1967
	---; ---; 204. ---; ---; 237 (Dirty ground pools, tree holes)	Dyar	1928 a
	Artificial containers; ---; 223	Woke	1947
	Clear ground pools; Nov.; 238	Dyar	1925 c
	---; ---; 262	Stone et al.	1959
intonsus Galindo & Blanton	---; ---; 137	Stone et al.	1959
intrincatus Brèthes	Rare; ---; 27, 297	Rozeboom & Komp	1950
	---; ---; 53	Dyar	1928 a
iolambdis Dyar	---; ---; 21, 82, 204	Stone et al.	1959
	Crab holes, densely shaded areas around roots of mangrove; ---; 22	Pratt & Seabrook	1952
	Pasture pools; ---; 85	Root	1924 +
	---; May, in forest; 130	Floch & Abonnenc	1947 a +
	Ground pools; ---; 237	Dyar	1928 a
	---; common; 237	Rozeboom & Komp	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
iolambdis Dyar (cont.)	Edge of streams; May, July, Aug., Dec.; 233	Dyar	1925c
iridescens (Lutz)	Artificial containers, treeholes, Brazilnut shells, fallen leaves and fruit rinds; ---; 53	Kumm & Nevis	1938
	Bamboo; ---; 53	Lutz et al.	1918
	Treeholes, bamboo, palm spathes; ---; 82	Komp	1936
	Treeholes, canoes, diverse containers, especially of concrete; ---; 130	Floch & Abonnenc	1947 a +
	---; ---; 238	Bonne & Bonne-Wepster	1919 a
	Artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Martoreil	1939
jamaicensis Theobald	---; ---; 17	Dyar	1917
janitor Theobald	Crabholes; ---; 21	Dyar	1928 a
	Crabholes; ---; 22	Wolcott	1941
	---; Feb., Oct., in forest; 130	Floch & Abonnenc	1947 a +
jenningsi Dyar & Knab	Bromeliads; ---; 85	Kumm et al.	1940
	Tillandsia; Jan.-Feb.; 237. *Tillandsia*; Jan.-Feb., July-Aug., Dec.; 238	Dyar	1925c
	Bromeliad, tree holes; ---; 237	Galindo et al.	1951
	Bromeliads; ---; 238	Dyar	1928 a
jocasta Komp & Rozeboom	---; ---; 346	Stone et al.	1959
jonistes Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
jubifer Komp	Ground pools; ---; 237. ---; ---; 238	Rozeboom & Komp	1950
	---; ---; 328	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
jubilator Dyar & Knab	---; ---; 85	Serre	1921
kukenan Anduze	Bromeliads; ---; 328	Anduze	1942 a
kummi Komp & Rozeboom	---; ---; 237	Stone et al.	1959
lacertosus Komp & Rozeboom	---; ---; 237	Stone et al.	1959
laticlasper Galindo & Blanton	---; ---; 237	Stone et al.	1959
latisquama (Coquillett)	---; common; 85	Rozeboom & Komp	1950
	---; ---; 85 (Crabholes)	Dyar	1928 a
	Crabholes; rare; 237. Crabholes; rare, Feb., July; 238	Dyar	1925 c
	---; ---; 297	Stone et al.	1959
lepostenis Dyar	---; ---; 204. Bromeliads; ---; 237	Bonne & Bonne-Wepster	1925
	Tillandsia; May; 237	Dyar	1925 c
leprincei Dyar & Knab	---; ---; 22. Among *Azolla* and other water plants in an open space in river-flat marsh; Mar.; 53. ---; ---; 137	Root	1927 b
	---; ---; 204	Dyar	1923 b
	Permanent ground pools, sluggish rivers; Dec.; 237. Permanent ground pools, sluggish rivers; Feb.-May, July-Sept.; 238. ---; ---; 347	Dyar	1925 c
	Small stream; ---; 328	Dyar	1925 d
levi-castilloi Lane	---; ---; 99	Lane	1953
limacifer Komp	---; rare; 85, 238	Rozeboom & Komp	1950
	---; ---; 204, 237	Stone et al.	1959
lotorus Dyar	---; ---; 328	Dyar	1925 d
lucifugus Komp	---; ---; 82, 328. ---; common; 329	Rozeboom & Komp	1950
lugens Lutz	---; ---; 53	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
luteopleuris Theobald	---; ---; 53	Dyar	1928a
lygrus Root	Small ditches, pools with vegetation; ---; 53	Root	1927 b
macaronensis Dyar & Nuñez Tovar	---; ---; 328	Dyar	1928 a
madininensis Senevet	---; ---; 24	Lane	1953
	---; ---; 346	Stone et al.	1959
manaensis Floch & Fauran	---; ---; 130	Stone et al.	1959
manaosensis Evans	---; ---; 53	Dyar	1928 a
maracayensis Evans	---; ---; 82, 328 (Deep ground holes, enter houses, bites man)	Dyar	1928 a
	Clay puddles by roads; ---; 328	Hecht & Anduze	1944
	---; rare in dry season, common after rains; 329	van der Kuyp	1949 a
marmoratus Philippi	---; ---; 75	Dyar	1924 a
maroniensis Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1919 a
mathesoni Anduze	---; ---; 53, 82, 328	Stone et al.	1959
mauesensis Lane	---; ---; 53	Lane	1953
maxi Dyar	---; May-June; 27	Dyar	1928 a
	---; ---; 53	Lane	1953
maxinocca Dyar	---; ---; 297 (Ground pools)	Dyar	1928 a
megapus Root	Jungle pools; ---; 53	Root	1927 b
melanoconion	---; ---; 85	Butts	1947
menytes Dyar	---; ---; 53, 137, 328	Stone et al.	1959
	---; Jan.-Apr., June, Nov., woods; 130	Floch & Abonnenc	1947 a, b
	---; March; 237	Dyar	1925 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
merodaemon Dyar	---; Dec.; 85	Dyar	1925 e
meroneus Dyar	---; Nov.-Dec.; 82	Dyar	1925 a
metempsytus Dyar	---; ---; 82	Stone et al.	1959
	Bamboos; ---; 85	Dyar	1928 a
	Tree holes; rare; 237	Galindo et al.	1951
microphyllus Root	Bromeliads; ---; 53	Root	1927 b
misionensis Duret	---; ---; 27, 53	Stone et al.	1959
mistura Komp & Rozeboom	---; ---; 53, 82, 130, 237, 328	Stone et al.	1959
mojuensis Duret & Damasceno	---; ---; 53	Stone et al.	1959
mollis Dyar & Knab	Artificial containers, tree holes, Brazil nut shells, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
	---; Sept., bites in woods in early morning; 53°	Strong et al.	1926
	Artificial containers, tree holes, bamboo, ground pools; ---; 82	Komp	1936
	Tree holes; ---; 85	Kumm et al.	1940
	---; ---; 99, 137, 138, 240	Stone et al.	1959
	Artificial containers; woods, thickets; 130	Floch & Abonnenc	1947 a +
	---; ---; 204. Ground pools, tree holes, bamboo; ---; 237. Ground pools, tree holes, bamboo; Jan.-April, June-Aug., Dec.; 238	Dyar	1925 c
	Artificial containers; ---; 223	Woke	1947
	Tree holes, bamboo traps, ground pools; May-Dec., common May and June; 237	Galindo et al.	1951
	Rainwater-filled palm flower-sheath; ---; 238	Dyar & Shannon	1924 a
	Tree holes; Oct.; 297	Bonne-Wepster & Bonne	1921 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *mollis* Dyar & Knab (cont.)	Ground pools, artificial containers, tree holes, cocoa husks, prefers foul water; ---; 297	Bonne & Bonne-Wepster	1925
	Puddles in jungle; ---; 328	Hecht & Anduze	1944
	---; rivers; 328	Dyar	1925d
	---; ---; 328, 329, 346 (Tree holes)	Dyar	1928a
	---; ---; 347	Lane	1953
mortificator Dyar & Knab	---; ---; 85	Serre	1921
mulrennani Basham	---; ---; 18	Stone et al.	1959
multispinosus Bonne-Wepster & Bonne	Permanent pools; May; 297	Bonne-Wepster & Bonne	1919a
mutator Dyar & Knab	Rockholes near river; ---; 85	Kumm et al.	1940
	---; ---; 85, 204, 237 (Ground pools)	Dyar	1928a
	---; rare; 204	Rozeboom & Komp	1950
	Ground pools; Jan.; 238	Dyar	1925c
mychonde Komp	---; ---; 237	Dyar	1928a
nanus Coquillett	---; ---; 17	Dyar	1917
neglectus Lutz	Bromeliad; ---; 53	Dyar	1928a
	Bamboos; ---; 53	Lane & Whitman	1951
niceriensis Bonne-Wepster & Bonne	Ground pools; Dec., May; 297	Bonne-Wepster & Bonne	1919
	---; ---; 328 (Ground pools)	Dyar	1928a
nigrescens (Theobald)	---; ---; 53, 130, 328	Stone et al.	1959
nigricorpus (Theobald)	---; ---; 53	Stone et al.	1959
nigrimacula Lane & Whitman	---; ---; 53	Lane	1953
	---; June, Nov., trees in forest; 130	Floch & Abonnenc	1947 a +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX nigripalpus Theobald	---; ---; 17, 53, 69, 82, 99, 204, 237, 328, 329, 346, 347 (Clear ground pools, swampy permanent water)	Dyar	1928 a
	---; ---; 18, 19, 20, 21	Porter	1967
	Temporary meadow pool, sewage polluted ditch, small pond; at light, Aug.-Oct.; 22	Wolcott	1936
	Artificial containers, rain pools; enter houses and tents; 22°. Open concrete cisterns; ---; 23	Weathersbee	1944 +
	---; common; 22	Wolcott	1941
	Flooded savannahs, small grassy streams, ponds, swamps and artificial containers; Sept., small woods and cacao plantations; 24	Floch & Abonnenc	1945 +
	Hoofprints in muddy roadside trench in coastal area; ---; 24	Edwards & Box	1940
	---; ---; 27, 51, 75, 239, 240	Lane	1953
	---; experimentally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; experimentally infected with yellow fever; 53	Whitman & Antunes	1937
	---; June; 53	Root	1927 b
	Artificial containers; Aug.-Sept., common indoors; 82	Komp	1936
	Small pools; ---; 85, 137	Root	1924 +
	---; forest; 85	Kumm et al.	1940
	Marshes; ---; 99	Dyar	1925 b
	---; March-July; 99	Campos	1925 +
	---; ---; 128	Martini	1935
	Vegetated streams, ponds, temporary pools, rock holes, near the sea; on walls and in woods; 130	Floch & Abonnenc	1947 a +
	---; ---; 204, 346, 347. Clear swamp and coral pools; ---; 237. Clear swamp and coral pools; Jan., April-July, Oct.-Dec.; 238	Dyar	1925 c
	Artificial containers, fresh, muddy and polluted water, wheel ruts, pits, in sun and shade; ---; 223	Woke	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *nigripalpus* Theobald (cont.)	Tree holes, ground pools; ---; 237	Galindo et al.	1951
	Wells, sunny pool; ---; 262	Kumm & Zuniga	1942
	---; along rivers; 328	Dyar	1925 d
	---; very rare; 329	van der Kuyp	1949 a
nigripalpus similis Theobald	---; ---; 204. Ground pools; ---; 297	Bonne & Bonne-Wepster	1925
nigripalpus var. *similis* Theobald	---; ---; 20	Root	1927
	Temporary meadow pools, ditch highly polluted with sewage; July-Aug.; 22	Root	1922
nigriscens (Theobald)	---; ---; 53	Dyar	1928 a
	Rockholes; small woods, June; 130	Floch & Abonnenc	1947 c +
ocellatus Theobald	---; ---; 51, 82, 130	Stone et al.	1959
	---; ---; 53, 297, 329 (Bromeliaceae)	Dyar	1928 a
	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925
oedipus Root	---; ---; 27, 237	Stone et al.	1959
	Jungle pools; Feb. and Mar.; 53	Root	1927 b
opisthopus Komp	Crabholes; ---; 22, 137, 237	Lane	1953
	---; ---; 204	Martinez Palacios	1952
orfilai Duret	---; ---; 27	Stone et al.	1959
originator Gordon & Evans	Rotten tree stump; all year, in forest; 53	Gordon & Evans	1922
	Treeholes, fallen leaves and fruit rinds, artificial containers; ---; 53	Kumm & Novis	1938
	Tree holes, bamboo; in forest; 130	Floch & Abonnenc	1947 a +
ousqua Dyar	---; ---; 238	Dyar	1922
paganus Evans	---; ---; 53, 328	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
pallipes Robineau-Desvoidy	---; ---; 53	Stone et al.	1959
panocossa Dyar	---; ---; 129, 237, 297. Among roots of *Pistia*; Feb.; 238	Dyar	1923 b
paracrybda Komp	---; ---; 27	Stone et al.	1959
	---; rare; 237	Rozeboom & Komp	1950
paraplesia Dyar	---; Feb.; 82	Dyar	1922 c
pasadaemon Dyar	---; Jan.; 85	Dyar	1921 b
patientiae Floch & Fauran	---; ---; 130	Stone et al.	1959
peccator Dyar & Knab	---; ---; 22, 204	Stone et al.	1959
petersoni Dyar	Pools; ---; 17	Bonne & Bonne-Wepster	1925
	Large pond near seashore, pools; Oct.; 23	Dyar	1920 a
peus Speiser	---; ---; 82, 85, 128, 204, 262, 328	Stone et al.	1959
phlabistus Dyar	---; ---; 297	Stone et al.	1959
phlogistus Dyar	---; ---; 53, 297, 328	Dyar	1928 a
	---; ---; 82, 237	Stone et al.	1959
pictipennis Philippi	---; ---; 75	Dyar	1924 a
pifanoi Anduze	---; ---; 328	Stone et al.	1959
pilipes Macquart	---; ---; 53	Stone et al.	1959
pilosus (Dyar & Knab)	---; ---; 17, 21, 27, 239, 328, 347	Stone et al.	1959
	---; ---; 18, 53, 130, 137, 262	Lane	1953
	Roadside ditch; peak Nov., May; 22	Tulloch	1937
	---; along river; 82. ---; ---; 204, 297, 346 (Temporary rain pools). In surface water following rain; ---; 237	Dyar	1924 e

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *pilosus* (Dyar & Knab) (cont.)	Exposed hoofprints, ditches, pools; ---; 85	Kumm et al.	1940
	Temporary surface water in jungle; ---; 99	Dyar	1925b
	---; March-Apr.; 99	Campos	1925 +
	Temporary pools, grassy holes and streams; Jan.-Feb., Apr.-Aug., Nov.; 130	Floch & Abonnenc	1947a +
	---; ---; 138	Martini	1935
	Ditch with grass and dried leaves; ---; 223	Woke	1947
	Temporary surface pools, jungle pools; June-Aug.; 238	Dyar	1925c
	Sunny ditch with vegetation; ---; 262	Kumm & Zuniga	1942
pinarocampa Dyar & Knab	Rock pools, streams and ditches; ---; 204	Dyar	1928a
	---; ---; 237	Stone et al.	1959
pipiens *fatigans* Wiedemann	---; ---; 23*, 129*. ---; naturally infected with *Wuchereria bancrofti*; 53*	Manson-Bahr	1959
	Treeholes, artificial containers; domestic, bite in evening; 24°	Floch & Abonnenc	1945 +
	---; all year, bite at night; 99°	Campos	1925 +
	Covered gutters during dry season, artificial containers during wet season; enter houses; 130°	Floch	1951 +
pipiens *pallens* Coquillett	---; ---; 204	Stone et al.	1959
plectoporpe Root	Vegetated ditches and small pools; ---; 53	Root	1927b
	Swamps; Jan.-Oct., common Jan.; 130	Floch & Abonnenc	1947a +
	---; common; 237	Rozeboom & Komp	1950
pleuristriatus Theobald	---; ---; 51, 347	Stone et al.	1959
	Artificial containers; ---; 53	Kumm & Novis	1938
	Bromeliads; ---; 53	Lane & Whitman	1951
	---; ---; 129, 328, 329 (Bromeliad)	Dyar	1928a
	Bromeliads, *Musa*, rarely on artificial containers; ---; 130	Floch & Abonnenc	1947a +
	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
portesi Senevet & Abonnenc	---; ---; 130	Rozeboom & Komp	1950
proclamator Dyar & Knab	---; ---; 85	Serre	1921
peatharus Dyar	---; ---; 237	Dyar	1923 c
	Brackish jungle pools; ---; 238	Dyar	1928 a
	---; hospital screens, June; 238	Dyar	1925 c
	---; common; 238	Rozeboom & Komp	1950
pseudotaeniopus Galindo & Blanton	---; ---; 237	Stone et al.	1959
punctiscapularis Floch & Abonnenc	---; ---; 130	Rozeboom & Komp	1950
putumayensis Matheson	Artificial containers; ---; 53	Kumm & Novis	1938
	---; rare; 53	Rozeboom & Komp	1950
	---; ---; 99	Stone et al.	1959
	---; in burrows; 130	Floch & Abonnenc	1947a +
	---; Aug.; 240	Matheson	1934
quadrifoliatus Komp	---; ---; 237	Lane	1953
	---; rare; 238	Rozeboom & Komp	1950
quasihibridus Galindo & Blanton	---; ---; 237	Stone et al.	1959
quinquefasciatus Say	---; ---; 17, 18, 19, 20	Porter	1967
	Polluted water in pools around houses; ---; 21	Edwards	1937
	Clear water with sewage in houses; 22°	Tulloch	1937
	Artificial containers near houses; common in coastal plains, bites readily in the evening, June-Aug.; 22°	Root	1922
	Mudholes, cisterns, pools, cesspools, artificial containers; carrier of dengue fever and filariasis; 23	Wilson	1922

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX quinquefasciatus Say (cont.)	Wells; ---; 24	van der Kuyp	1949 a
	Artificial containers and in wells; common, enters houses, possible vector of *Wuchereria bancrofti*; 24	van der Kuyp	1948
	Pools; enters houses, October-November; 27	Mühlens et al.	1925
	---; common in houses; 53	Pinto	1930
	---; June; 75	Dyar	1924 a
	Artificial containers with plants, pools in patio, tree holes, cess pit; in houses; 82	Dunn	1929
	---; ---; 85*	Butts	1947
	---; ---; 99	Dyar	1925 b
	Artificial containers; ---; 129	Haslam	1925
	---; common; 204	Martinez Palacios	1952
	Artificial containers; enters houses, bites by night, Oct.; 237°. Artificial containers; enters houses, bites by night, Feb.-March, May-July, Oct.; 238	Dyar	1925 c
	Latrines; Oct.-Nov.; 237	Schapiro	1934
	Moats at base of foundation pillars; ---; 297	Stage	1947
	Artificial containers; enters houses; 328	Dyar	1925 d
	Artificial containers, rock holes and ground pools; ---; 329	van der Kuyp	1948 a
rabanicolus Floch & Abonnenc	---; Feb., June, Aug.; 130	Floch & Abonnenc	1947 a +
reducens Lane & Whitman	---; ---; 53	Lane & Whitman	1951
reductor Dyar & Knab	---; ---; 17	Dyar	1917
	---; ---; 21	Bonne & Bonne-Wepster	1925
reevesi Wirth	---; ---; 204	Martinez Palacios	1952
reflector Dyar & Knab	Ground pools, artificial containers; ---; 237	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
reginae Floch & Fauran	---; ---; 130	Stone et al.	1959
rejector Dyar & Knab	Bromeliad; ---; 204	Dyar	1928 a
restrictor Dyar & Knab	---; ---; 85, 204 (Tree holes)	Dyar	1925 c
	Tree holes; caves; 262	Kumm & Zuniga	1942
	---; ---; 328	Anduze	1941
restuans Theobald	---; ---; 17	Dyar	1917
	---; ---; 204	Martinez Palacios	1952
rooti Rozeboom	---; ---; 27, 82, 204	Stone et al.	1959
	Temporary pools; common; 237	Rozeboom & Komp	1950
rorotaensis Floch & Abonnenc	---; Aug., Oct., in forest; 130	Floch & Abonnenc	1947 a +
ruffinis Dyar & Shannon	---; ---; 53, 328. Sedge swamp on beach; ---; 237	Dyar	1928 a
	---; July; 238	Dyar & Shannon	1924 b
salinarius Coquillett	---; ---; 17, 204	Stone et al.	1959
saltanensis Dyar	---; ---; 27	Duret	1950 b
salteño Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
saramaccensis Bonne-Wepster & Bonne	Rock pools, rivers; Dec.; 297	Bonne-Wepster & Bonne	1919
	Artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	---; rare; 297	Rozeboom & Komp	1950
sardinerae Fox	---; ---; 22, 237	Stone et al.	1959
scimitar Branch & Seabrook	---; ---; 17, 18	Porter	1967

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
scutatus Rozeboom & Komp	---; ---; 82	Stone et al.	1959
secundus Bonne-Wepster & Bonne	---; ---; 53	Lane	1953
	Tree holes, bamboo, palm spathes; ---; 82	Komp	1936
	Bamboo, tree holes; rare; 237. Bamboo, tree holes; rare, May-June, Aug.; 238	Dyar	1925 c
	Palm spathes, artificial containers; May-Oct.; 237	Galindo et al.	1951
	Flower-sheath of palm lying on ground; ---; 238	Dyar & Shannon	1924 a
secutor Theobald	---; ---; 19, 20	Porter	1967
	---; ---; 21, 91, 328, 346	Stone et al.	1959
	Shaded pools; ---; 22	Tulloch	1937
	Artificial containers; ---; 22	Wolcott	1936
	Ground pools, artificial containers; ---; 346	Bonne & Bonne-Wepster	1925
serotinus Philippi	---; ---; 75	Dyar	1924 a
serratimarge Root	Jungle pool; ---; 53	Root	1927 b
	Flooded savannahs; May-June, Sept., in forest; 130	Floch & Abonnenc	1947 a +
	---; common; 237	Rozeboom & Komp	1950
serratus Theobald	---; ---; 17	Dyar	1917
similis Dyar & Knab	---; ---; 17	Dyar	1917
simulator Dyar & Knab	---; ---; 329	Stone et al.	1959
sollicitans Walker	---; ---; 17	Dyar	1917
soperi Antunes & Lane	---; ---; 53	Lane	1953
spanius Dyar & Knab	---; ---; 237	Dyar	1923 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX			
sphinx Howard, Dyar & Knab	Coral rock pools; ---; 17	Bonne & Bonne-Wepster	1925
spinosus Lutz	---; ---; 53	Lane	1953
spissipes (Theobald)	---; ---; 51	Cerqueira	1943 a +
	---; ---; 82, 204, 329	Stone et al.	1959
	Pools with clear water and vegetation, irrigation canals, swamps, ponds, rockholes on seashore; ---; 130°	Floch & Abonnenc	1947 a +
	---; ---; 138	Martini	1935
	---; common; 237	Rozeboom & Komp	1950
	---; rare, May; 238	Dyar	1925 c
	Permanent pools; ---; 297	Bonne & Bonne-Wepster	1925
	Lagoons, rockholes; ---; 328	Hecht & Anduze	1944 +
	---; along rivers; 328	Dyar	1925 d
stenolepis Dyar & Knab	Bromeliads; ---; 85	Kumm et al.	1940
	Bromeliaceae; ---; 204	Dyar	1928 a
stigmatosoma Dyar	Pools beside streams, ponds, ditches, seepage areas, swamps, hoofprints, always exposed; ---; 85	Kumm et al.	1940
	---; ---; 128, 328 (Streambed pools, artificial containers)	Dyar	1928 a
	Ditches, pools, stagnant water with vegetation; enter houses; 204	Hoffmann	1937
	Sunny ground pools, seepage areas; ---; 262	Kumm & Zuniga	1942
stonei Lane & Whitman	---; ---; 297, 329	Stone et al.	1959
surinamensis Dyar	---; ---; 51, 53	Stone et al.	1959
	Rock pools on edge of rivers, pools, artificial containers; ---; 130	Floch & Abonnenc	1947 a +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX surinamensis Dyar (cont.)	Ground pool; ---; 297	Dyar	1928 a
	Rock pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	---; March; 297	Dyar	1918
	Puddles; Nov.-Dec.; 328	Hecht & Anduze	1944
	---; ---; 347	Lane	1953
sursumptor Dyar	Pools; ---; 82	Dyar	1925 a
	---; along river: 82	Dyar	1924 e
	---; ---; 237, 328	Stone et al.	1959
taeniopus Dyar & Knab	---; ---; 21, 27, 51, 53, 82, 99, 130, 139, 223, 297	Stone et al.	1959
	---; Mar., in forest; 130	Floch & Abonnenc	1947 a +
	Rock pools along stream; rare; 237	Dyar	1925 c
	---; Aug.; 240	Matheson	1934
	---; in houses; 297	Bonne & Bonne-Wepster	1925
	---; along rivers; 328	Dyar	1925 d
tapena Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
tarsalis Coquillett	Permanent ground pools; enters houses; 204°	Dyar	1928 a
tecmarsis Dyar	---; June; 237	Dyar	1925 c
	Ground pools; Oct.; 238	Dyar	1928 a
	---; along rivers; 328	Dyar	1925 d
terebor Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
territans Walker	---; ---; 17	Dyar	1917
	---; ---; 204	Martinez Palacios	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX theobaldi (Lutz)	---; ---; 27, 51, 53, 82, 240	Stone et al.	1959
	---; ---; 237. Ground pools; ---; 297	Bonne & Bonne-Wepster	1925
	Swamps; ---; 328	Hecht & Anduze	1944
thomasi Evans	Flooded savannahs, swamps and pools; Sept.; 24	Floch & Abonnenc	1945 +
	---; ---; 53	Dyar	1928 a
	Unshaded, vegetated collections of clear water in large savannahs; in forest; 130	Floch & Abonnenc	1947 a +
	---; ---; 346	Stone et al.	1959
thriambus Dyar	Pools and ditches near rivers and streams with fallen leaves; ---; 204	Martinez Palacios	1952 a
tisseuilli Senevet	---; ---; 130	Stone et al.	1959
titillans Walker	---; ---; 204	Séguy	1924
tosimus Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
tournieri Senevet & Abonnenc	---; ---; 130	Rozeboom & Komp	1950
tovari Evans	---; ---; 328	Evans	1924
tramazayguesi Duret	---; ---; 27	Stone et al.	1959
trifidus Dyar	Sunny pools beside stream with *Spirogyra* and debris; ---; 85	Kumm et al.	1940
	---; ---; 137, 204, 237	Stone et al.	1959
	Sunny pools in streams with *Spirogyra*, borrow pit; ---; 262	Kumm & Zuniga	1942
trilobulatus Duret & Barreto	---; ---; 53	Stone et al.	1959
trivittatus Coquillett	---; ---; 17	Dyar	1917
tryphnus Root	Bromeliads; ---; 53	Root	1927 b

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DA.
CULEX			
unicornis Root	---; ---; 328	Anduze	1943 a
urichii (Coquillett)	---; ---; 51, 237, 328, 347	Stone et al.	1959
	Artificial containers, treeholes, empty Brazil nut shells, fallen leaves, temporary ground pools; ---; 53	Kumm & Novis	1938
	Tree holes, palm spathes, bamboo; bite man in jungle; 82°	Komp	1936
	---; ---; 129, 240	Lane	1953
	Treeholes, fallen leaves; Feb.-June, Aug., Nov., in forest; 130	Floch & Abonnenc	1947 a +
	Treeholes, bamboo; May, Sept-Dec.; 237	Galindo et al.	1951
	Artificial containers, palm sheaths on the ground, tree holes; all year; 297	Bonne & Bonne-Wepster	1925
	---; ---: 329 (Bamboo, tree holes)	Dyar	1928 a
usquatissimus Dyar	---; Oct.; 238	Dyar	1922
usquatus Dyar	Puddles, artificial containers; February; 297	Dyar	1918
vapulans Dyar	---; ---; 138	Martini	1935
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
venezuelensis Anduze	---; ---; 328	Lane	1953
vexillifer Komp	Bamboo, treeholes; Jan., Apr., Aug.-Dec., common Jan., Apr. and Dec.; 237	Galindo et al.	1951
	---; ---; 238	Rozeboom & Komp	1950
vidali Floch & Fauran	---; ---; 130	Stone et al.	1959
virgultus Theobald	Flooded savannahs, small mountain ditches, streams near sea; woods; 24	Floch & Abonnenc	1945 +
	---; ---; 53, 325	Dyar	1928 a
	Weedy ditches, coconuts and old canoes, streams; ---; 130	Floch & Abonnenc	1947 a +
vittatus Philippi	---; ---; 75	Dyar	1924 d

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
CULEX *vomerifer* Komp	---; Jan., Mar.; 130	Floch & Abonnenc	1947 a +
	---; ---; 237	Komp	1932
wepsterae Komp & Rozeboom	---; ---; 297	Stone et al.	1959
wilsoni Lane & Whitman	---; ---; 53	Lane	1953
worontzowi Pessôa & Galvão	Bromeliads; ---; 53	Lane & Whitman	1951
xivylis Dyar	---; ---; 237, 297 (Ground pools)	Dyar	1928 a
ybarmis Dyar	---; ---; 53, 130, 297	Stone et al.	1959
zeteki Dyar	---; ---; 130, 237, 297, 328	Stone et al.	1959
	---; Jan., July, Sept.; 238	Dyar	1925c
CULISETA *dugesi* Dyar & Knab	---; ---; 69, 204 (Permanent stagnant pools)	Dyar	1925c
inornata (Williston)	---; ---; 204 (Stagnant permanent pools, artificial containers)	Dyar	1928a
particeps (Adams)	---; ---; 85, 204, 262	Stone et al.	1959
DEINOCERITES *cancer* Theobald	---; ---; 17, 19, 20	Porter	1967
	---; ---; 18, 21, 23, 53, 128, 129, 130, 204, 297, 328 (Crab holes)	Lane	1953
	Coastal plains near the ocean and lagoons with crab holes; July-Aug.; 22	Root	1922
	---; occasionally enter houses at night; 22°	Tulloch	1937
	Crab holes among mangroves in forest; ---; 24	Edwards & Box	1940
	Brackish water, crab holes around lagoons and wayside ditches; ---; 24	MacDonald	1917
	Beach pool; ---; 24	van der Kuyp	1948
	---; ---; 91, 128, 138, 223	Stone et al.	1959
	Crabholes; ---; 129	Vevers	1924 +
	---; June; 130°	Floch & Abonnenc	1947b +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
DEINOCERITES	Crabholes, well; ---; 329	van der Kuyp	1948 a
cancer Theobald (cont.)	---; ---; 346	Bonne & Bonne-Wepster	1925
dyari Belkin & Hogue	---; ---; 237	Stone et al.	1959
epitedeus (Knab)	---; ---; 85 (Crabholes)	Lane	1953
	---; ---; 204	Vargas	1939
	---; crab holes near tidal marsh; 223	Woke	1947
	Crab holes; ---; 237. Crab holes, April, June-Aug., Dec.; 238	Dyar	1925 c
howardi Belkin & Hogue	---; ---; 204	Stone et al.	1959
magnus (Theobald)	---; ---; 22, 23	Porter	1967
	---; ---; 53, 129, 297, 346	Stone et al.	1959
mcdonaldi Belkin & Hogue	---; ---; 204	Stone et al.	1959
melanophylum Dyar & Knab	---; ---; 82, 328	Stone et al.	1959
	---; ---; 137. Crab holes; Jan.; 237. Crab holes; June-Aug., Oct.-Nov., March; 238	Dyar	1925 c
monospathus Dyar	---; April; 238	Dyar	1925 c
pseudes Dyar & Knab	Crabholes; enters houses; 85	Kumm et al.	1940
	Crabholes; ---; 204	Dyar	1928 a
	Well water, crab holes; indoors; 223	Woke	1947
	Crab holes; ---; 237. Crab holes; Jan., April-July, Dec.; 238	Dyar	1925 c
	Crab holes; houses; 262	Kumm & Zuniga	1947
	---; ---; 328	Anduze	1941
spanius (Dyar & Knab)	Crabholes, artificial containers; May; 237°. Crabholes, artificial containers; Jan.-April, June, Nov.-Dec.; 238°	Dyar	1925 c
tetraspathus Dyar & Knab	---; ---; 128, 137, 323	Bonne & Bonne-Wepster	1925
troglodytus Dyar & Knab	Crab holes along shore; ---; 24, 329, 347. ---, enter houses; 297°	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
DENDROMYIA			
albosquamata (Bonne-Wepster & Bonne)	Bromeliads; ---; 297	Dyar	1928a
aporonoma Dyar & Knab	Tree stumps; ---; 82°	Komp	1936
	---; ---; 82	Patino-Camargo	1940
	---; ---; 85, 129, 237, 262, 297, 328 (Tree holes, nut-husks, bamboo)	Dyar	1928a
autocratica Dyar & Knab	Bromeliads; ---; 329	Dyar	1928a
bourrouli Peryassú	Bromeliads; ---; 53	Dyar	1928a
chalcocephala Dyar & Knab	---; rare; 128, 237 (Flower-bracts of *Heliconia*)	Dyar	1928a
circumcincta (Dyar & Knab)	Bromeliads; ---; 237	Dyar	1928a
clasolenca (Dyar & Knab)	---; ---; 24, 237, 297	Dyar	1928a
coenonus (Howard, Dyar & Knab)	*Calathea* flower bracts; ---; 237	Dyar	1928a
complosa Dyar	Bromeliads; ---; 82°	Komp	1936
	---; ---; 237	Dyar	1928a
confusa Lutz	Bromeliads; ---; 53	Prado	1935
	---; forest, Aug.; 53°	Lane	1936
eloisa Howard, Dyar & Knab	Flower bracts of *Calathea* in dense jungle; ---; 82	Komp	1936
favor Dyar & Nuñez Tovar	---; ---; 328	Dyar	1928a
felicia Dyar & Nuñez Tovar	*Colocasia* and flower bracts of *Heliconia*; ---; 328	Dyar	1928a
flui (Bonne-Wepster & Bonne	---; ---; 297	Dyar	1928a

TABLE 1 - MOSQUITOES (continued

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
DENDROMYIA			
intonca (Dyar & Knab)	Leaf bases of *Ananas magdalenae*; ---; 237	Dyar	1926a
jocosa Dyar & Knab	---; --, 237	Dyar	1928a
lamellata (Bonne-Wepster & Bonne)	Bromeliads; ---; 297	Dyar	1928a
luteoventralis (Theobald)	---; ---; 53	Dyar	1928a
	---; ---; 328	Martorell	1939
	---; ---; 329	Lassalle	1916
melanocephala Dyar & Knab	*Colocasia* leaves; ---; 82	Komp	1936
	---; ---; 129, 237, 297, 328 (In *Colocasia*, bites by day in shaded places)	Dyar	1928a
melanoides Root	Bamboo; ---; 53	Dyar	1928a
mystes Dyar	Aroid leaves; ---; 53	Dyar	1928a
personata (Lutz)	---; forest, Aug., Sept.; 53*	Lane	1936
	-- ; ---; 328	Martorell	1939
phrono Howard, Dyar & Knab	---; ---; 237	Dyar	1928a
prolepidis Dyar & Knab	*Colocasia*; ---; 237	Dyar	1928a
roucouyana Bonne-Wepster & Bonne	---; March; 297	Bonne-Wepster & Bonne	1919a
ulocoma Theobald	---; ---; 237, 328 (Flower bracts of *Calathea*)	Dyar	1928a
URANOTAENIA			
dissaliphora Dyar & Knab	---; ---; 297	Bonne-Wepster & Bonne	1923a
lapini Martini	---; ---; 237	Dyar	1923c
	---; ---; 238	Dyar & Shannon	1924a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
GOELDIA *fluviatilis* Theobald	---; April; 53°	Del Ponte & Cerqueira	1938
	---; ---; 53, 128, 138	Martini	1935
	---; ---; 204	Vargas	1939
	---; ---; 223	Bonne & Bonne-Wepster	1925
	---; in forest; 262°	Kumm & Zuniga	1942
frontosa Theobald	---; ---; 129	Dyar	1928 a
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
homotina Dyar & Knab	Flower bracts of *Calathea*; ---; 237	Bonne & Bonne-Wepster	1925
lampropus Howard, Dyar & Knab	Ground husks and bamboo; ---; 237. Ground-husks and bamboo; July; 238	Dyar	1925 c
	Palm spathe on ground, predacious on *Joblotia digitatus*; ---; 237	Bonne & Bonne-Wepster	1925
lanei Antunes	---; ---; 82	Patino-Camargo	1940
leucopus Dyar & Knab	---; in forest; 85	Kumm et al.	1940
	---; ---; 223. ---; Sept.; 237	Dyar	1925 c
	---; ---; 238	Dyar & Shannon	1924 a
	---; ---; 328	Anduze	1941
lineata (Peryassú)	---; ---; 53	Dyar	1928 a
longipalpis Lutz	---; ---; 328	Anduze	1941
longipes Fabricius	*Colocasia*; ---; 82	Dunn	1929
	---; bites during day; 85°	Kumm et al.	1940
	---; ---; 128, 223 (Flower cups of *Heliconia*)	Dyar	1923a
	---; diurnal; 129°	Edwards	1922

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
GOELDIA *longipes* Fabricius (cont.)	Flower bracts of *Heliconia* and leaf axils of *Calladium*; July; 237. Flower bracts of *Heliconia* and the leaf axils of *Calladium*; Jan.-April, Aug., Oct., Dec.; 238. ---; ---; 347	Dyar	1925c
	Leaf stalks of *Heliconia* and *Ravenala*; ---; 297	Bonne	1923a
	---; all year, predacious; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1941
lunata (Theobald)	---; ---; 27	Shannon	1931
	Predacious on Sabethid and *Culex*. bromeliads; ---; 53	Dyar	1928a
magna Theobald	---; in houses; 53	Kumm & Novis	1938
	---; in forest; 85	Kumm et al.	1940
pallidoventer (Theobald)	---; ---; 27	Shannon	1931a
	---; ---; 53	Dyar	1923a
	Cut bamboo, predacious; ---; 82	Komp	1936
paranensis Brèthes	---; ---; 27	Dyar	1921e
	---; ---; 53	Kumm & Novis	1938
perturbans Dyar & Knab	---; ---; 23	Bonne & Bonne-Wepster	1925
	Bromeliaceae; ---; 24	Dyar	1923a
rapax (Dyar & Knab)	Bromeliaceae; ---; 329	Dyar	1923a
	Predacious on larvae of Sabethid and *Culex*; ---; 329	Dyar	1928a
schedocyclia Dyar & Knab	---; April; 53°	Del Ponte & Cerqueira	1938
	---; ---; 128	Dyar	1928a
	---; ---; 223, 237	Dyar	1925c
trichopus Dyar	Bromeliads; ---; 53	Kumm & Novis	1938
	---; enters houses; 297	Bonne	1923a
	---; ---; 328	Anduze	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
GOELDIA vonplesseni Dyar & Knab	---; ---; 53, 240, 328 (Bamboo, *Heliconia*)	Dyar	1928 a
	---; ---; 99	Bonne & Bonne-Wepster	1925
HAEMAGOGUS albomaculatus Theobald	---; ---; 129, 328	Levi Castillo	1951
	---; Feb., June; 130	Flocn & Abonnenc	1947 b +
	---; ---; 237, 329	Dyar	1921 c
anastasionis Dyar	---; lowlands; 82	Kumm et al.	1946
	---; ---; 82, 328 (Treeholes, Bromeliads, artificial containers, rare, diurnal, forest)	Levi Castillo	1951
	Artificial containers; ---; 85	Kumm et al.	1940
	---; July; 85	Dyar	1921 g
	---; ---; 204, 240	Stone et al.	1959
	Treeholes; ---; 223	Woke	1947
	Treeholes; ---; 262	Kumm & Zuniga	1942
	Treeholes, cactus stump and rock holes near beach; Jan.-Apr., July-Dec., after heavy rains in jungle and open, enter houses; 329°	van der Kuyp	1949 b
	Treeholes; ---; 329	van der Kuyp	1949 a
andinus Osorno-Mesa	Treeholes; at 1,746 meters elevation, rare; 82	Levi Castillo	1951
	---; lowlands; 82	Kumm et al.	1946
argyromeris Dyar & Ludlow	---; ---; 204	Vargas	1939
	Artificial containers, bamboo traps, treeholes, coconut hulls, Bromeliads, ground pools; June-Jan.; 237°	Galindo et al.	1951
	Rockholes above tide level along shore; ---; 237	Dyar	1925 b
	---; common, May; 237. Treeholes; common, Jan.-March, May-Aug., Oct.-Dec.; 238	Dyar	1921 c
boshelli Osorno-Mesa	Treeholes, artificial containers, coconut husks; rare; 82	Levi Castillo	1951
	---; lowlands; 82	Kumm et al.	1946
	---; ---; 99, 237	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
HAEMAGOGUS capricornii Lutz	---; ---; 27, 51. ---; naturally infected with yellow fever; 82	Kumm et al.	1946
	Treeholes, base of epiphytic Bromeliads; diurnal, in forest, naturally infected with and experimental vector of yellow fever; 53	Levi Castillo	1951
	---; April; 53	Cerqueira & Lane	1945
	---; ---; 53*	Kumm & Cerqueira	1951
	Treeholes; all year, common May-Aug.; 82	Bates	1945
	---; rain forest, experimental transmission of yellow fever; 82	Boshell-Manrique & Osorno-Mesa	1944
	---; infested with *Dermatobia*; 82	Bates	1943
	---; ---; 82*	Hecht & Anduze	1944
	---; ---; 129	Vevers	1924 +
	Treeholes; ---; 130	Floch & Abonnenc	1947 b +
	---; ---; 238, 329	Dyar	1921
	Treeholes; coastal and interior, Jan., March-May, Dec.; 297°	Bonne & Bonne-Wepster	1925
	---; in forest; 328°	Anduze	1942 b
	---; experimental transmission of yellow fever; 352°	Waddell	1949
celeste Dyar & Nuñez Tovar	Tree and rock holes; common; 328	Hecht & Anduze	1944
	---; at 600 meters above sea level; 328. ---; common; 328. ---; common; 347°	Anduze	1942 b
	---; ---; 329	Dyar	1928 a
chalcospilans Dyar	Treeholes, pools, rockholes, mangrove swamps; rare; 82	Levi Castillo	1951
	---; common, along coast, lowlands; 82	Kumm et al.	1946
	Treeholes and coconut husk; ---; 85	Kumm et al.	1940
	---; ---; 137	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
HAEMAGOGUS chaloospilans Dyar (cont.)	Coconut husk; ---; 223	Woke	1947
	Tree-rot holes, ground pools, artificial containers; in swamp; 237*	Galindo et al.	1951
	Salt rock pools; ---; 237. Springs, brackish pools, streams; Feb.-March, Aug., Dec.; 238	Dyar	1921 c
	---; Dec.; 237. ---; June, Dec.; 238	Dyar	1925 c
	Ground and rock pools; ---; 238	Dyar	1928 a
equinus Theobald	---; ---; 21, 27, 53, 85, 128, 204, 329, 347 (Treeholes)	Dyar	1928 a
	---; ---; 51	Stone et al.	1959
	---; naturally infected with yellow fever; 53	Laemmert et al.	1946
	---; Nov., in forest; 53	Gordon & Evans	1922
	---; naturally infected with yellow fever; 82. ---; over 600 meters above sea level; 328	Anduze	1942 b
	---; ---; 82, 130, 328 (Treeholes, bamboo joints, diverse receptacles, epiphytic Bromeliads, bites man, diurnal, in forests, experimental vector of yellow fever)	Levi Castillo	1951
	---; Jan.; 129. ---; ---; 297. ---; July; 329	Dyar	1921 c
	---; ---; 204*	Vargas	1939
	Hole in log; ---; 223	Woke	1947
	Treeholes, bamboo traps, artificial containers; all year, abundant May-Nov.; 237*	Galindo et al.	1951
	Treeholes; Feb., April, May; 238	Dyar	1925 c
	Treeholes, cut bamboo stems; ---; 262	Kumm & Zuniga	1942
	Rockholes; ---; 328	Hecht & Anduze	1944
	---; experimental transmission of yellow fever; 352*	Waddell	1949
garoiai Levi Castillo	---; ---; 99	Stone et al.	1959
gladiator Dyar	---; ---; 237	Dyar	1923 c
	Tree hole; Nov.; 238	Dyar	1921 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
HAEMAGOGUS iridicolor Dyar	Tree holes; bites man at daytime in forest; 85°	Kumm et al.	1940
	Bamboo joints, cacao husks; May; 85	Dyar	1921 c
	---; ---; 137, 223	Stone et al.	1959
	Tree holes; ---; 237	Galindo et al.	1949
janthinomys Dyar	Tree holes, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
	Cut bamboo, tree holes in sunlight or shade; bites man during day; 82°	Komp	1936
	---; ---; 82	Patino-Camargo	1940
	Tree holes; June; 329	Dyar	1921 c
leucomelas Luts	---; ---; 237	Dyar	1923 c
	Tree holes; April; 238	Dyar	1922 c
lindneri Martini	---; ---; 51	Martini	1931
lucifer (Howard, Dyar & Knab)	Treeholes, Bromeliads, bamboo joints; diurnal forest; 82°	Levi Castillo	1951
	---; forest, May-June, Oct.; 82. ---; common; 238	Kumm et al.	1946
	Tree holes; ---; 85	Kumm et al.	1940
	Tree holes, bamboo traps; May, July-Mar.; 237°. ---; ---; 238°	Galindo et al.	1951
	Tree holes; June; 238	Dyar	1925c
mesodentatus Komp & Kumm	Tree holes; ---; 85	Kumm et al.	1940
	Tree holes, bamboo; ---; 262	Kumm & Zuniga	1942
mesodentatus altiocola Galindo, Trapido & Boshell-Manrigue	---; ---; 128, 204	Stone et al.	1959
mesodentatus gorgasi Galindo & Trapido	---; ---; 204	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
HAEMAGOGUS *panarchys* Dyar	Tree holes and bamboo sections in shade; diurnal; 99	Levi Castillo	1951
	---; all year; 99	Campos	1925 +
regalis Dyar & Knab	---; ---; 82, 137, 138, 204, 237	Stone et al.	1959
	---; ---; 128, 329. Coconut husks; August; 262	Dyar	1921 c
soperi Levi Castillo	---; ---; 99	Stone et al.	1959
spegazzinii Brèthes	---; possible vector of yellow fever; 27	Martinez	1950
	---; ---; 27, 51, 53 (Bromeliaceae, treeholes, naturally infected with and experimental transmission of yellow fever)	Levi Castillo	1951
	---; ---; 51*, 53*, 82*, 99*, 239, 240*, 328*, 347*	Levi Castillo	1951 a
	Shaded cocoa groves; naturally and experimentally infected with yellow fever; 53°	Laemmert et al.	1946
	Tree holes; in forest, all year, common Jan.-Apr., Nov.-Dec.; 53°	Causey & dos Santos	1950
	---; common; 53	Kumm & Cerqueira	1951
	---; experimental transmission of yellow fever; 82 (Sun loving, commonly bites in forest zone, common in canopy zone with much sunlight)	Bates & Roca-Garcia	1946
	---; common, in trees; 82	Bates & de Zulueta	1949
	---; ---; 130, 239, 329	Stone et al.	1959
	Treeholes; ---; 328	Hecht & Anduze	1944
	---; experimental transmission of yellow fever; 352°	Waddell	1949
spegazzinii falco Kumm, Osorno-Mesa & Boshell-Manrique	---; ---; 27, 329. ---; common, May-June; 82*	Kumm et al.	1946
	---; ---; 51, 82, 99, 128, 129, 130, 240, 297, 328 (Treeholes, Bromeliads, artificial containers, in forest, diurnal)	Levi Castillo	1951
	---; common; 53, 82	Kumm & Cerqueira	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
HAEMAGOGUS *spegazzinii* *faloo* Kumm, Osorno, Mesa & Boshell-Manrique (cont.)	---; June-Aug.; 82°	Galindo et al.	1951 b
	---; ---; 85, 137, 223, 237	Stone et al.	1959
	Bamboo traps, treeholes; Aug.-Oct., rare; 237°	Galindo et al.	1951
	---; ---; 237*	Galindo et al.	1950
	Treeholes; ---; 238°	Galindo et al.	1949
splendens Williston	---; ---; 23	Bonne & Bonne-Wepster	1925
	Treeholes; in wooded areas; 24	MacDonald	1917
	---; ---; 24. ---; lowlands; 82	Kumm et al.	1946
	Bromeliads; diurnal, in forests, experimental vector of yellow fever; 82, 328	Levi Castillo	1951
	---; ---; 237	Dyar	1921 c
	---; ---; 238	Fischer	1922 +
	Treeholes, rockpools; bites man in forests; 328°	Hecht & Anduze	1944
	---; ---; 329	Stone et al.	1959
	---; experimental transmission of yellow fever; 352	Waddell	1949
tropicalis Cerqueira & Antunes	Treeholes, epiphytic Bromeliads, bamboo, artificial containers; ---; 53	Levi Castillo	1951
	---; in houses; 53	Kumm & Novis	1938
uriartei Shannon & Del Ponte	Epiphytic bromeliads, treeholes and artificial containers; diurnal, in forest; 27, 51, 53	Levi Castillo	1951
HYSTATOMYIA *circumcincta* Dyar & Knab	*Heliconia*; ---; 238	Dyar & Shannon	1924 a
lamellata Bonne-Wepster & Bonne	Bromeliaceae; ---; 297	Bonne-Wepster & Bonne	1919 a
ISOSTOMYIA *espini* Martini	Between leaves of Araceae; ---; 237°	Dyar	1928 a
	Predaceous; indoors; 238	Dyar	1928
	---; Aug.-Nov., Jan.; 238	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ISOSTOMYIA			
homotina Dyar & Knab	---; ---; 69, 347. Flower-bracts of *Heliconia, Calathea insignis*; Feb., April, Sept.; 238	Dyar	1925c
magna Theobald	---; ---; 51, 85, 128, 223, 237, 297, 328 (Flower bracts of *Calathea*)	Dyar	1928a
	Flower bracts of *Calathea*; ---; 238	Dyar	1928
paranensis (Brèthes)	---; ---; 27	Shannon	1931c
	---; ---; 53	Dyar	1928a
perturbans Williston	---; ---; 24	Dyar	1928a
	---; ---; 128, 138	Martini	1935
JANTHINOSOMA			
musica Say	---; ---; 17	Dyar	1917
varipes Coquillett	---; ---; 17	Dyar	1917
JOBLOTIA			
compressa Theobald	---; ---; 53, 237, 328 (Cut or broken bamboo stems)	Dyar	1928a
	---; ---; 82	Patino-Camargo	1940
	Bamboo; ---; 237. Bamboo; May; 238	Dyar	1925c
digitata Rondani	Treeholes, empty Brazilnut shells, fallen leaves, fruit rinds, artificial containers; ---; 53	Kumm & Novis	1938
	---; in forest, Aug.; 53°	Lane	1936
	Cut bamboo; in jungle; 82°	Komp	1936
	---; ---; 82	Dunn	1929
	---; ---; 85, 99, 262, 328, 329, 347 (Coconut and cacao shells)	Dyar	1928a
	---; ---; 204	Martini	1935
	Coconut shells, bamboo; March; 237. Coconut shells, bamboo; Jan., May, Aug.-Oct., Dec.; 238. ---; ---; 311	Dyar	1925c
	Palm leaves in woods; ---; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
JOBLOTIA			
mogilasia Dyar & Knab	Bamboo; ---; 237	Dyar	1923c
splendens (Peryassú)	---; ---; 53	Dyar	1928a
trichorrytes Dyar & Knab	Bamboo joints; ---; 237	Bonne & Bonne-Wepster	1925
KERTESZIA			
neivai Howard, Dyar & Knab	---; ---; 237	Galindo et al.	1950
LEMMANYIA			
pseudomethysticus Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1919a
LESTICOCAMPA			
paranensis Brèthes	---; ---; 27	Dyar	1919
LIMATUS			
andinus Levi Castillo	---; ---; 99	Stone et al.	1959
asulleptus (Ingobald)	---; March, Sept., in woods; 53	Townsend	1934
	Fallen leaves and palm spathes; ---; 82°	Komp	1936
	Artificial containers; ---; 85	Kumm et al.	1940
	---; ---; 129, 328, 329	Stone et al.	1959
	Fallen leaves, bamboo, *Musa*, treeholes; Feb.-Aug., Dec.; 130	Floch & Abonnenc	1947 b *
	Palm-spathes; ---; 137	Root	1924 *
	Treeholes, bamboo, fruit husks, fallen leaves, artificial containers; March, June, Aug., Oct. & Nov., peak Aug.; 237°	Galindo et al.	1951
	---; Jan., July.; 237. Treeholes, husks, bamboo; Jan., May, June, Aug., Dec.; 238. ---; ---; 347	Dyar	1925*
	Fallen banana leaves, palm sheaths; Jan., July; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
LIMATUS *durhamii* Theobald	Cocoa pods, palm leaf bases; bite by day; 24°	MacDonald	1917
	---; ---; 27, 51, 99, 137, 204, 240, 329, 347	Stone et al.	1959
	Artificial containers, treeholes, empty Brazilnut shells, fallen leaves, fruit rinds; ---; 53°	Kumm & Novis	1938
	---; Feb.-Apr.; 53	Basseres	1943
	Fallen leaves and palm spathes; bite man; 82°	Komp	1936
	Artificial containers, bamboos; ---; 85	Kumm et al.	1940
	Artificial containers, fallen leaves, treeholes, bamboo; all year, bites man in forest; 130°	Floch & Abonnenc	1947b +
	Bromeliads; ---; 223	Woke	1947
	Treeholes, artificial containers; forest, June-Sept., Nov.; 237	Galindo et al.	1951
	Treeholes, husks, bamboo; Jan.; 237. Treeholes, husks, bamboo; Jan., May, June, July, Aug., Oct., Dec.; 238. ---; ---; 311	Dyar	1925 c
	Coconut shells; bites man in forest during day; 262°	Kumm & Zuniga	1942
	Decaying vegetable matter, fallen leaves, tree-holes; ---; 262	Dyar	1928 a
	Fallen cocoa-leaf; Dec.; 297	Bonne & Bonne-Wepster	1925
	Natural and artificial containers; experimentally infected with yellow fever; 328	Hecht & Anduze de Oliveira	1944
flaviostosus Castro	Treeholes; ---; 53	Castro	1935
	---; ---; 130, 240	Stone et al.	1959
guigasi Levi Castillo	-- ; ---; 99	Stone et al.	1959
hoffmani Root	---; ---; 19	Porter	1967
	---; Oct.; 20	Root	1927
lowtiniae Brèthes	---; ---; 27	Dyar	1919
martinsi Senevet & Abonnenc	In a leaf; Feb.; 130	Floch & Abonnenc	1947 b +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
LIMATUS	---; ---; 53	Lane	1953
pseudomethysticus (Bonne-Wepster & Bonne)	Fallen palm leaves, treeholes; Jan.; 297	Bonne & Bonne-Wepster	1925
paraensis (Theobald)	---; ---; 53	Lane	1953
	Fallen leaves, palm sheaths containing water, treeholes; July, Nov.; 297	Bonne & Bonne-Wepster	1925
LUTZIA	Fallen leaves, fruit rinds; ---; 53	Kumm &	
allostigma (Howard, Dyar & Knab)		Novis	1938
	---; Mar., July, Sept., in woods; 53	Townsend	1934
	Split bamboo stem, hollow palm stem in clean water; in houses; 82	Komp	1936
	---; ---; 223, 347. Artificial containers; Sept., Dec.; 237. Artificial containers; Jan., May-Aug., Dec.; 238	Dyar	1925 c
	---; ---; 297 (Predacious)	Dyar	1928 a
bigoti (Bellardi)	---; ---; 27	Duret	1950 b
	---; enters houses; 53°	Pinto	1930 a
	---; ---; 128, 204 (Small permanent collections of water or receptacles, predacious)	Dyar	1928 a
	Debris filled spring, predaceous, 6,000 feet; ---; 262	Kumm & Zuniga	1942
brasiliae Dyar	---; ---; 27	Shannon	1931 a
	---; ---; 53	Dyar	1923
paterson Shannon & Del Ponte	Grassy rainpool; ---; 27	Dyar	1928 a
MANSONIA	---; ---; 51, 82, 240	Stone et al.	1959
albicosta (Peryassú)	Swamps; experimentally infected with yellow fever, 53	Hecht & Anduze	1944
	Clay pits, Jan., bite man at night; 53°	Pinto	1930
	---; Jan., Apr., June-Nov.; 130°	Floch & Abonnenc	1947
altifera Prado	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA	---; ---; 51, 240	Stone et al.	1959
amazonensis (Theobald)	---; bite by day in forest; 53°	Gordon & Evans	1922
	---; Sept., Nov.; 53	Matheson	1934
	---; ---; 130	Floch & Abonnenc	1947 b +
araosi Shannon & Del Ponte	---; ---; 27	Shannon	1931 a
arribalzagae (Theobald)	---; rare; 53	Prado	1934
	In sedge; ---; 82	Dyar	1925 a
	---; ---; 82, 297 (Rare)	Dyar	1928 a
	---; bites during day in woods; 85°	Kumm et al.	1940
	---; ---; 129	Vevers	1924 +
	---; Mar., May-June, Aug.; 130	Floch & Abonnenc	1947 b +
	---; Sept.; 237. ---; Dec.; 238. --; ---; 347	Dyar	1925 c
	---; heavily forested areas; 240	Shannon	1934
	---; ---; 328	Anduze	1942
cerqueirai (Barretto & Coutinho)	---; ---; 53	Lane	1953
chagasi (Lima)	---; ---; 53	Lane	1953
chrysonotum (Peryassú)	---; ---; 27	Stone et al.	1959
	Swamps; experimentally infected with yellow fever; 53	Hecht & Anduze	1944
cotiouia Dyar & Knab	---; forest, Dec.; 53. ---; ---; 237	Gordon & Evans	1922
fasciolata (Lynch Arribalzaga)	---; ---; 27	Dyar	1919
	---; Jan., bite man at night near marshy pools; 53°	Pinto	1930
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	Sedges at the edges of rivers and pools; enters houses, bites at dusk and during the night; 82°	Dunn	1929

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA fasciolata (Lynch Arribalzaga) (cont.)	Permanent or semi-permanent pools; all year, nocturnal; 82	Bates	1945
	---; experimentally infected with yellow fever; 82	Patino-Camargo	1940
	---; in houses, forests; 85°	Kumm et al.	1940
	---; ---; 128, 138, 204	Martini	1935
	---; ---; 129	Vevers	1924 +
	---; all year; 130°	Floch & Abonnenc	1947 b +
	---; ---; 204*	Vargas	1939
	---; March, May; 237. ---; Jan., April, July, Nov., Dec.; 238. ---; ---; 329	Dyar	1925 c
	---; common; 240	Shannon	1934
	---; ---; 262	Kumm & Zuniga	1942
	---; ---; 325	Stone et al.	1959
	---; common in forests; 328	Hecht & Anduze	1944
	---; along rivers; 328	Dyar	1925 d
flaveola (Coquillett)	---; ---; 21	Porter	1967
	---; ---; 22, 27, 51, 240, 346	Stone et al.	1959
	---; ---; 23, 53, 237, 297	Shannon	1934
	---; May-June; 130	Floch & Abonnenc	1947 +
hermanoi Lane & Coutinho	---; ---; 27, 51, 53, 82	Stone et al.	1959
humeralis Dyar & Knab	---; ---; 27, 51, 129	Stone et al.	1959
	---; rare; 53	Prado	1934
	Pistia; Nov.-Dec.; 82	Dunn	1929
	---; Apr., June; 130°	Floch & Abonnenc	1947 b +
	---; ---; 237, 347	Lane	1953
	Pistia; ---; 238	Dyar	1925 c
	---; July; 240. ---; Apr., May, June; 297	Matheson	1934

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA			
humeralis Dyar & Knab (cont.)	---; on rivers; 328	Dyar	1925 d
indubitans Dyar & Shannon	---; ---; 21, 51, 99, 137, 138, 204, 237, 325	Stone et al.	1959
	Pistia stratiodes; May, Nov.; 22	Tulloch	1937
	---; mountain stream valley; 53	Root	1927 a
	---; bite man in houses day and night; 240°	Shannon	1934
juxtamansonia (Chagas)	---; ---; 27, 51, 82, 239, 240, 328	Stone et al.	1959
	---; Jan., bite at night near marshy pools; 53°	Pinto	1930
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	---; experimentally infected with *Wuchereria bancrofti*; 53	Davis	1935
	---; mountain stream valley; 53	Root	1927 a
	---; experimentally infected with *W. bancrofti*; 129	Giglioli	1948 a
	---; ---; 297	Dyar	1921
longipalpis (Newstead & Thomas)	---; ---; 53	Strong et al.	1926
lynchi Shannon	---; ---; 51, 82, 130	Stone et al.	1959
	---; active by day in forest; 53, 240	Shannon	1934
	---; ---; 53°	Lane	1936
neivai Lane & Coutinho	---; ---; 53	Lane & Coutinho	1940
nigricans (Coquillett)	---; ---; 18, 21, 27, 51, 53, 128, 137, 204, 237, 240, 262, 328	Stone et al.	1959
	In sedge; ---; 82	Dyar	1925 a
	On roots of sedges; April, June; 237. On roots of sedges; April, June, July; 238	Dyar	1925 c
	---; houses, woods in daytime and sunset; 262°	Kumm & Zuniga	1942
nitens (Cerqueira)	---; ---, 51	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA	---; ---; 22	Wolcott	1936
perturbans (Walker)	---; ---; 204	Martini	1935
pessoai (Barretto & Coutinho)	---; ---; 53	Lane	1953
pseudotitillans (Theobald)	---; ---; 27, 53	Lane	1953
	---; ---; 82, 237, 240, 297, 328	Stone et al.	1959
	---; June-Aug., Nov.-Dec., on walls; 130	Floch & Abonnenc	1947b +
shannoni Lane & Antunes	---; ---; 27, 51, 53	Stone et al.	1959
titillans (Walker)	---; ---; 21	Thompson	1947
	---; Aug.-Nov.; 22	Tulloch	1937
	Swamps with *Pistia*; Oct., Nov., vicious biter in daylight, enter houses, experimentally infected with yellow fever; 24°	Floch & Abonnenc	1945 +
	---; ---; 27, 204, 240 (*Pistia*, bites after dark)	Dyar	1928 a
	---; ---; 51	Martini	1931
	Pistia stratiotes; ---; 53	Prado	1934
	---; bite man near pools at night; 53°	Pinto	1930
	---; bites man by day in forest; 53°	Gordon & Evans	1922
	Lagoons bordering rivers, pools and streams in dense forest with *Pistia stratiotes*; active in the evening; 82°	Dunn	1929
	---; ---; 82	Dyar	1925 a
	Ground pools and ponds with *Pistia*; in houses; 85°	Kumm et al.	1940
	Pistia; ---; 99		1925 b
	---; Mar.-Aug., common Mar., June; 99	Campos	1925 +
	---; ---; 128, 138	Martini	1935
	Pistia in fresh and brackish coastal waters; all year, in houses, bite at night and dawn; 129°	Gigliolí	1948

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MANSONIA *titillans* (Walker) (cont.)	---; experimentally infected with *Wuchereria bancrofti*; 129	Giglioli	1948 a
	---; Jan.-Feb., Apr.-Dec., bite man; 130°	Floch & Abonnenc	1947 b +
	---; vicious biter during day; 137°	Bequaert	1925
	---; ---; 204*	Vargas	1939
	Pistia; March; 237. *Pistia*; Jan., March-July, Nov.-Dec.; 238°. ---; ---; 311, 346	Dyar	1925 c
	---; enters camp, bites man outdoors; 237°	Dunn	1934
	---; in houses; 237	Trapido	1946
	Open sewers, marshes; ---; 240	Converse	1914
	---; in houses; 262	Kumm & Zuniga	1942
	Lagoons; suspected vector of yellow fever; 328	Hecht & Anduze	1944
	---; along rivers; 328	Dyar	1925 d
	---; Dec.-Feb.; 328	Anduze	1943 c
	---; ---; 347	Stone et al.	1959
venezuelensis (Theobald)	---; ---; 27, 82, 128, 187, 204, 262, 329, 347	Lane	1953
	---; ---; 53°	Pinto	1930
	---; ---; 328	Dyar	1928 a
wilsoni (Barretto & Coutinho)	---; ---; 53	Lane	1953
MANSONIOIDES *pseudotitillans* (Theobald)	---; naturally infected with *Wuchereria bancrofti*; 53	Manson-Bahr	1959
MEGARHINUS *aldrichanus* Bonne-Wepster & Bonne	Ground Bromeliaceae; Jan.; 297	Bonne-Wepster & Bonne	1919 a
ambiguus Dyar & Knab	---; ---; 53	Dyar	1928 a
bambusicola Lutz & Neiva	Bamboo; ---; 53	Prado	1935
	Bamboo; ---; 82	Komp	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MEGARHINUS			
fluminensis Peryassú	---; ---; 53	Dyar	1928a
grandiosus Williston	---; ---; 204	Martini	1935
guadeloupensis (Dyar & Knab)	Bromeliads; ---; 24	Bonne & Bonne-Wepster	1925
	---; ---; 297, 328 (Bromeliads, treeholes)	Dyar	1928a
guadeloupensis guianensis Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1919a
guianensis Bonne-Wepster & Bonne	---; ---; 328	Anduze	1941
haemorrhoidalis Fabricius	---; ---; 27	Dyar	1919
	Treeholes, Bromeliads, fallen leaves, fruit rinds, artificial containers; ---; 53	Kumm & Novis	1938
	---; April, in woods; 53	Townsend	1934
	---; ---; 82	Patino-Camargo	1940
	Bromeliads, artificial containers; predaceous; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1941
	---; ---; 347	Dyar	1928a
horei Gordon & Evans	*Bananeira brata*, predaceous; ---; 53	Dyar	1928a
	---; in forest, Dec.; 53	Gordon & Evans	1922
hypoptes Knab	Temporary ground holes, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
	---; ---; 99. Tree holes and bamboo; March; 237. Tree holes and bamboo; May-June, Aug., Nov.; 238	Dyar	1925c
	Flower-sheath of palm; ---; 238	Dyar & Shannon	1926
lynchi Dyar & Knab	---; ---; 27	Dyar	1919
	---; ---; 297	Dyar	1928a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MEGARHINUS			
mara Anduze	---; ---; 328	Anduze	1942
moctezuma Dyar & Knab	Tree holes; in houses; 85	Kumm et al.	1940
	---; ---; 204. Tree holes, ground husks; July; 237. Tree holes, ground husks; Feb., May; 238	Dyar	1925c
	Artificial containers; ---; 223	Woke	1947
	Treeholes, bamboo stumps, predaceous; ---; 262	Kumm & Zuniga	1942
moengoensis Bonne-Wepster & Bonne	*Heliconia* and *Ravenala*, predaceous; ---; 297	Bonne & Bonne-Wepster	1925
neivai Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
portoricensis Röder	---; ---; 20	Root	1927
	---; ---; 21	Thompson	1947
	Tree holes; Sept. and Dec.; 22°	Tulloch	1937
	Bromeliads; at 2,000 feet elevation; 22	Wolcott	1941
	Artificial containers; ---; 22	Wolcott	1936
	---; ---; 239	Edwards	1922
	---; ---; 328	Martorell	1939
purpureus Theobald	Bromeliads, predaceous; Feb., May and June; 53	Dyar	1928 a
separatus (Lynch Arribálzaga)	---; ---; 53	Strong et al.	1926
solstitialis Lutz	---; ---; 27	Shannon	1931 a
	---; ---; 53 (Bromeliads, predaceous)	Dyar	1928 a
superbus Dyar & Knab	---; ---; 18, 223, 329 (Bromeliads, predaceous)	Dyar	1928 a
	Epiphytic bromeliads; ---; 85	Kumm et al.	1940
	---; ---; 99, 204, 311. *Tillandsia*, *Heliconia*; Jan., March, July-Aug.; 238	Dyar	1925 c
	---; ---; 137	Bequaert	1925
	---; ---; 237	Dyar	1925 b
	---; predaceous; 238	Dyar	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MEGARHINUS			
theobaldi Dyar & Knab	Bamboo; ---; 53	Dyar	1928 a
trichopygus (Wiedemann)	---; ---; 53	Dyar	1928 a
trinidadensis Dyar & Knab	Bamboo; ---; 53	Prado	1935
	---; ---; 82	Patino-Camargo	1940
	Treeholes; ---; 297. ---; ---; 347	Bonne & Bonne-Wepster	1925
	Treeholes; ---; 328	Hecht & Anduze	1944
	---; ---; 329 (Predaceous)	Dyar	1928 a
tucumanus Brèthes	---; ---; 27	Shannon	1931 a
violaceous (Wiedemann)	---; ---; 53, 329 (Bromeliads, predaceous)	Dyar	1928 a
MENOLEPIS	---; ---; 27	Shannon	1931 a
leucostigma Lutz	*Typha*; ---; 53	Dyar	1928 a
MIAMYIA			
argenteorostris Bonne-Wepster & Bonne	Bromeliads; ---; 297	Dyar	1928 a
arthrostigma (Lutz)	---; ---; 53	da Costa Lima	1930 c
codiocampa (Dyar & Knab)	---; ---; 53	da Costa Lima	1930 b
	Bamboo; ---; 237. Bamboo; May; 238	Dyar	1925 c
florestan Dyar	---; ---; 237	Dyar	1928 a
	---;Jan.; 238	Dyar	1925 c
hemisagnosta Dyar & Knab	Coconut husks; ---; 69	Dyar	1925 c
	---; ---; 85, 262	Dyar	1928 a
nobilitus Dyar & Knab	---; ---; 53	da Costa Lima	1930 b
	Bamboo; ---; 237. Bamboo; May; 238	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
MIAMYIA			
lutzi da Costa Lima	---; Feb.-July; 53	da Costa Lima	1930 b
monolena Martini	---; ---; 27	Martini	1931
negrensis Gordon & Evans	*Bananeira braba*, in forest; ---; 53	Dyar	1928 a
occulta Bonne-Wepster & Bonne	*Heliconia*; ---; 297	Dyar	1928 a
pamphites Dyar & Muñez Tovar	---; ---; 328	Dyar	1928 a
petrocchiae Shannon & Del Ponte	---; ---; 27	Dyar	1928 a
pintoi da Costa Lima	Bamboo; ---; 53	da Costa Lima	1930 c
roroouyana Bonne-Wepster & Bonne	Bromeliads; ---; 297	Dyar	1928 a
serrata da Costa Lima	---; ---; 53	da Costa Lima	1930 b
ypsipola Dyar	Araceae; ---; 237	Dyar	1928 a
	Treeholes; Jan.; 238	Dyar	1925 c
ORTHOPODOMYIA	Bamboo; ---; 53, 328	Dyar	1928 a
albicosta (Lutz)	---; ---, 82	Patino-Camargo	1940
bastagalupoi Martinez & Prosen	---; ---; 51	Stone et al.	1959
fascipes (Coquillett)	---; July-Oct., in woods; 53	Townsend	1936
	---; ---; 53, 85, 129, 237, 329 (Treeholes)	Dyar	1928 a
	Treeholes; jungles; 82	Komp	1936
	---; in forests; 85	Kumm et al.	1940
	Treeholes, artificial containers; Mar.-Apr., July-Aug., Nov.; 130	Flech & Ab[illegible]nenc	1947 b *

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ORTHOPODOMYIA *fascipes* (Coquillett) (cont.)	Bamboo, treeholes; Jan. and Feb., May-Dec., common June, Nov. and Dec.; 237°	Galindo et al.	1951
	---; March; 237. Treeholes; Jan., March, June-November; 238	Dyar	1925 c
	---; ---; 240, 347	Stone et al.	1959
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	---; ---; 328	Anduze	1941
*kumm*i Edwards	---; ---; 85, 204, 237	Stone et al.	1959
phyllozoa (Dyar & Knab)	---; ---; 82	Patino-Camargo	1940
	Bromeliads; ---; 85	Kumm et al.	1940
	Tillandsia, flower bracts, *Heliconia* ; Jan.-Feb.; 237. *Tillandsia*, flower bracts, *Heliconia*; June-Aug.; 238	Dyar	1925 c
	---; ---; 328	Anduze	1941
sampaioi Lima	---; ---; 27, 53	Stone et al.	1959
signifera (Coquillett)	---; ---; 20	Root	1927
	Treeholes; ---; 21	Dyar	1928 a
	---; ---; 22	Porter	1967
	---; ---; 204	Stone et al.	1959
waverleyi Crabham	---; ---; 20	Root	1927
PHONIOMYIA *antunesi* (Lane & Guimaraes)	---; ---; 53	Lane	1953
bonnei Lane & Cerqueira	---; ---; 53	Lane	1953
chrysomus Dyar & Knab	*Heliconia*; ---; 238	Dyar & Shannon	1924 a
davisi Lane & Cerqueira	---; ---; 53	Lane	1953
diabolica Lane & Forattini	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PHONIOMYIA			
edwardsi Lane & Cerqueira	---; ---; 53	Lane	1953
esmeraldasi Levi Castillo	---; ---; 99	Stone et al.	1959
flabellata Lane & Cerqueira	---; ---; 53	Stone et al.	1959
fuscipes (Edwards)	---; ---; 53, 239	Lane	1953
galvaoi Corrêa & Ramalho	---; ---; 53	Stone et al.	1959
incaudata (Root)	---; ---; 53	Stone et al.	1959
lassalli (Bonne-Wepster & Bonne)	---; ---; 53, 329	Stone et al.	1959
	Epiphytic bromeliad; ---; 223	Woke	1947
longirostris (Theobald)	---; ---; 27	Duret	1950 b
	---; ---; 53	Lane	1953
	---; ---; 329	Lassalle	1916
lopesi Corrêa & Ramalho	---; ---; 53	Stone et al.	1959
muehlensi (Petrocchi)	---; ---; 27, 51, 53	Stone et al.	1959
neivai Lane & Cerqueira	---; ---; 27	Duret	1950 b
	---; ---; 53	Lane	1953
pallidoventer Theobald	---; ---; 53	Lane	1953
palmata Lane & Cerqueira	---; ---; 53	Lane	1953
pilicauda (Root)	---; ---; 53	Stone et al.	1959
quasilongirostris Theobald	---; ---; 27, 53	Stone et al.	1959
splendida (Bonne-Wepster & Bonne)	---; ---; 53, 129, 297, 329	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PHONIOMYIA			
theobaldi Lane & Cerqueira	---; ---; 53	Lane	1953
trinidadensis (Theobald)	---; ---; 53, 328, 329	Lane	1953
triparvita (Bonne-Wepster & Bonne)	---; ---; 27, 53	Stone et al.	1959
PRISOPOLEPIS			
aporonoma Dyar & Knab	Coconut husks, cacao shells, bamboos, treeholes; Feb., May; 237. Coconut husks, cacao shells, bamboo, treeholes; Jan., May-June, Oct.-Dec.; 238. ---; ---; 347	Dyar	1925 c
chalcocephala Dyar & Knab	---; ---; 128, 237. ---; May; 238	Dyar	1925 c
circumcincta Dyar & Knab	*Tillandsia*; Feb., April; 237. *Tillandsia*; May, Aug., Dec.; 238	Dyar	1925 c
clasoleuca Dyar & Knab	---; ---; 24, 347. ---; Feb., Nov.; 237. ---; April-July, Dec.; 238	Dyar	1925 c
coenonus Howard, Dyar & Knab	Flower-bracts *Heliconia, Calathea insignis*; March; 237. Flower-bracts of *Heliconia, Calathea insignis*; April-Aug.; 238	Dyar	1925 c
confucus Lutz	---; ---; 53	Bonne & Bonne-Wepster	1925
eloisa Howard, Dyar & Knab	Flower-bracts *Heliconia, Calathea insignis* and *C. lutea*; Aug.; 237. Flower-bracts *Heliconia, Calathea insignis, C. lutea*; Feb., April, Aug.; 238. ---; ---; 347	Dyar	1925 c
flui Bonne-Wepster & Bonne	---; bites in woods during day, May; 297°	Bonne & Bonne-Wepster	1925
	---; Jan., April; 297	Bonne-Wepster & Bonne	1919 a
hemidiria Dyar & Shannon	---; Aug.; 238	Dyar	1925 c
intoca Dyar & Knab	*Tillandsia*; Feb.; 237. *Tillandsia*; March; 238	Dyar	1925 c
jocosa Dyar & Knab	---; ---; 237	Dyar	1925 c
melanocephala Dyar & Knab	---; ---; 129, 297. Leaf axils of "elephants ears"; June; 237. Leaf axils of "elephants ears"; Jan.-Feb., April-Aug., Oct.-Dec.; 238	Dyar	1925 c
pirassa Howard, Dyar & Knab	*Heliconia*; March; 237. *Heliconia*; July; 238	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PROSOPOLEPIS			
prolepidis Lvar & Knab	---; ---; 237. ---; Jan., March, Sept.-Dec.; 238	Dyar	1925 c
pseudopecten Dyar & Knab	Flowers of the red *Heliconia*; June, Aug.; 237. Flowers of *Heliconia*; March-May; 238. ---; ---; 311, 347	Dyar	1925 c
typharum Shannon & Del Ponte	---; ---; 27	Shannon	1931 a
ulocoma Theobald	Flowers of *Heliconia*; Jan.; 237. Flowers of *Heliconia*; Feb.-April, Aug., Nov.; 238	Dyar	1925 c
PSCROPHORA	---; ---; 27	Duret	1950 b
albipes (Theobald)	---; ---; 51, 82, 240, 297, 328, 329	Stone et al.	1959
	Ground pools; all year; 53°	Causey & dos Santos	1950
	Upland forest growths, streams and treeholes; ---; 53	Laemmert et al.	1946
albouurata Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
blanchardi Surcouf & Gonzalez-Rincones	---; ---; 328	Bonne & Bonne-Wepster	1925
bruchi Petrocchi	---; April, Feb.; 27	Shannon & Del Ponte	1927
champerico Dyar & Knab	---; in forest during day; 85	Kumm et al.	1940
	---; ---; 128, 204, 237, 262	Stone et al.	1959
	---; bites at ground level; 237°	Galindo et al.	1951
	---; rare, March, Sept.; 238. ---; ---; 328	Dyar	1925c
	---; bites man during day; 262°	Kumm & Zuniga	1942
	---; Nov. and Dec., in forests; 328°	Hecht & Anduze	1944
chilensis (Blanchard)	---; ---; 75	Dyar	1928a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHORS	DATE
PSOROPHORA ciliata (Fabricius)	---; ---; 27, 53, 69, 137, 328 (Predaceous, ground pools)	Dyar	1925 c
	---; ---; 51, 128, 204, 237, 239, 325, 347	Stone et al.	1959
	---; Feb., bites at night; 53°	Pinto	1930
	Ground pool, predaceous; ---; 82	Komp	1936
	Swamp with vegetation; ---; 262	Kumm & Zuniga	1942
cilipes (Fabricius)	---; ---; 27, 53, 85, 129, 204, 329 (Temporary jungle rainpools)	Dyar	1928 a
	---; ---; 51, 82, 297	Stone et al.	1959
	Temporary rain pools in partially cleared jungle; ---; 137	Root	1924 +
	Temporary ground pools; May and June, in low marshy forest, bites at ground level; 237°	Galindo et al.	1951
	Temporary surface water in jungle, predaceous on *Psorophora, Aedes* and *Culex*; May, Aug.; 238	Dyar	1925c
	Ground pools; woods near river; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 328	Evans	1922
cingulata (Fabricius)	---; ---; 18, 19, 27, 51, 99, 346	Stone et al.	1959
	---; ---; 20, 21	Porter	1967
	Artificial containers, hoofprints; ---; 53	Shannon	1931
	Borrow pit with no vegetation; ---; 53	Root	1927b
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	---; in woods; 53°	Pinto	1930
	---; ---; 53, 82, 223, 237, 328, 329, 347 (Temporary rain pools)	Dyar	1928 a
	Hoof prints along edges of small stream; common in bush near river, enters houses; 82	Dunn	1929
	Temporary forest ground pools; all year, abundant Apr.-June, nocturnal; 82	Bates	1945
	---; experimentally infected with yellow fever; 82	Patino-Camargo	1940
	---; infested with *Dermatobia*; 82	Bates	1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA cingulata (Fabricius) (cont.)	---; in forest during day and at sunset; 85	Kumm et al.	1940
	---; Feb., June; 130	Floch & Abonnenc	1947 b +
	Ground pools; forest; 237°	Galindo et al.	1951
	---; Dec.; 238. ---; ---; 329	Dyar	1925 c
	Roadside ditches; ---; 240	Shannon	1934
	Ground pools; woods, bites man in daytime; 297°	Bonne & Bonne-Wepster	1925
	Temporary pools; experimentally infected with yellow fever; 328	Hecht & Anduze	1944
circumflava Ce-queira	---; ---; 51	Stone et al.	1959
coffini Dyar & Knab	---; ---; 17	Dyar	1917
	Rain pools; ---; 23	Dyar	1921 a
columbiae Dyar & Knab	---; ---; 17	Dyar	1928 a
	---; ---; 18	Dyar	1920 c
confinnis (Lynch Arribalzaga)	---; ---; 17, 18, 19, 20, 21	Porter	1967
	Temporary rain pools, flooded irrigation ditch; ---; 22	Koot	1922
	---; Nov.; 22°	Tulloch	1937
	---; active at night; 22	Weathersbee & Bohart	1944
	---; ---; 27, 51, 53, 82, 237, 328 (Temporary rain pools)	Dyar	1928 a
	---; Mar.-Oct., less active Jan.-Feb., Nov.-Dec., bite man at day in woods; 53°	Pinto	1930
	---; ---; 138, 204	Martini	1935
	Stagnant water in pools, wheel ruts in sun; ---; 223	Woke	1947
	---; ---; 239	Edwards	1922
	Roadside ditches; ---; 240	Shannon	1934
	Grassy ditches, seepages; ---; 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA *confinnis* (Lynch Arribalzaga) (cont.)	Excavations and ponds; ---; 328	Hecht & Anduze	1944
	Pools, ponds, rock holes, ditches, artificial containers; outdoors, June; 329	van der Kuyp	1948 a
	---; rare in dry season, common after rains; 329	van der Kuyp	1949 a
	---; ---; 346	Stone et al.	1959
cyanescens (Coquillett)	---; ---; 27, 82, 129, 204, 325, 328, 329	Stone et al.	1959
	---; ---; 51	Martini	1931
	---; ---; 239	Lane	1953
	Flood pools; May; 328*	Hecht & Anduze	1944
dimidiata Cerqueira	---; ---; 27, 51	Stone et al.	1959
discolor (Coquillett)	---; ---; 19	Menor & Ortega	1934
	Puddles; attracted to light; 204	Ross	1943
discrucians (Walker)	---; ---; 27, 325, 328	Stone et al.	1959
	---;Nov.; 51	Dyar	1928 a
	Ground pools; - -; 53	Causey & dos Santos	1950
	---; Feb., in houses; 53	Pinto	1930
	---; ---; 204	Séguy	1924
	---; ---; 239	Edwards	1922
dyari Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
ferox (Humboldt)	---; ---; 17, 27, 51, 53, 69, 204, 328, 329, 346, 347 (Rain pools, common after rains in forest, bites man)	Dyar	1928 a
	---; ---; 18, 20, 21	Porter	1967
	---; March; 27*	Martinez	1950
	Ground pools; all year, common Jan.-Apr., Sept.-Dec.; 53	Causey & dos Santos	1950
	---; common during dry season, possible vector of yellow fever; 53	Causey & Kumm	1948

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA ferox (Humboldt) (cont.)	---; enter houses; 53	Townsend	1934
	Temporary ground pools; bite in jungle, possible vector of yellow fever; 82°	Komp	1936
	---; all year, common May-Aug.; 82	Bates	1945
	---; infested with *Dermatobia*, in forest; 82	Bates	1943
	---; in bushes; 82	Dunn	1929
	Sunny ground pools, semi-stagnant pools at slowly running stream edges; in forest during day; 85	Kumm et al.	1940
	Clear or turbid, still water; Jan.-June, Dec., hilly areas, enter houses, diurnal; 99°	Campos	1925 +
	---; ---; 128	Martini	1935
	---; ---; 129	Vevers	1924 +
	Temporary pools and swamps; Jan.-Sept., Dec., bite man; 130°	Floch & Abonnenc	1947 b +
	Shaded forest patns; bite during day; 137°	Bequaert	1925
	Temporary rain pools in partially cleared jungle; ---; 137	Root	1924
	---; ---; 204*	Vargas	1939
	---; ---; 223	Woke	1947
	Coastal areas; common in June and Dec , near ground level, experimentally infected with yellow fever, common; 237	Galindo et al.	1950
	Pools; in jungle; 237°. Pools; in jungle, Jan.-Aug., Nov.; 238°	Dyar	1925 c
	---; common in May-Dec.; 237	Galindo et al.	1951
	---; bites man during day; 262*	Kumm & Zuniga	1942
	Temporary rain pools; enters houses, all year, common during wet season; 297°	Bonne & Bonne-Wepster	1925
	Pool, rockholes; Nov.-Dec., bites man frequently in forest; 328°	Hecht & Andute	1944
fiebrigi Edwards	---; ---; 239	Edwards	1922

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA			
forceps Cerqueira	---; ---; 53	Lane	1953
funiculus Dyar	---; ---; 82	Dyar	1925a
	---; ---; 328	Anduze	1941
ganumaculata Cruz	---; ---; 27, 53	Shannon	1931
	Puddles, near dwellings; bites man in woods; 53°	Pinto	1930a
	---; ---; 328	Martorell	1939
haruspicus Dyar & Knab	Rockholes near sea; ---; 21	Bonne & Bonne-Wepster	1925
holmbergi Lynch Arribálzaga	---; ---; 27, 239, 325	Stone et al.	1959
howardii Coquillett	---; ---; 18, 95, 204 (Temporary rain pools, predaceous)	Dyar	1928 a
	Ground pools, hoofprints in sun; ---; 85	Kumm et al.	1940
	Pools, wheel ruts; ---; 223	Woke	1947
	Borrow pits, ground pools in sun; ---; 262	Kumm & Zuniga	1942
	Puddles; ---; 297	Bonne & Bonne-Wepster	1925
	---; ---; 346	Lane	1953
infirma Dyar & Knab	---; ---; 18 (Rainpools)	Dyar	1928a
	Pools; ---; 19	Bonne & Bonne-Wepster	1925
	---; July; 20	Root	1927
	---; ---; 21	Thompson	1947
insularis (Dyar & Knab)	---; ---; 19, 21 (Coral rock pools, brackish water)	Dyar	1928 a
	---; ---; 20, 22	Porter	1967
jamaicensis Theobald	---; ---; 17, 346 (Ground puddles)	Bonne & Bonne-Wepster	1925
	---; ---; 19, 21	Dyar	1928a
	Temporary rain pools and flooded irrigation ditches; Aug.; 22	Root	1927
	---; Sept. & Nov.; 22°	Tulloch	1937
	Sunny pools and depression in the grounds; ---; 85	Kumm et al.	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA			
johnstonii (Grabham)	---; ---; 17, 18, 21, 22, 23	Stone et al.	1959
lanei Shannon & Cerqueira	---; ---; 51, 53	Stone et al.	1959
leucoonemis Martini	---; ---; 325	Stone et al.	1959
lineata (Humboldt)	---; ---; 27, 51, 53, 82, 137, 138, 204, 240	Stone et al.	1959
	---; ---; 82°	Patino-Camargo	1940
	Temporary ponds in forest; June; 130	Floch & Abonnenc	1947b +
	---; ---; 237, 297, 328, 329 (Temporary jungle rain pools, predaceous)	Dyar	1928a
	Pools; rare, Jan., May, Sept.; 238	Dyar	1925_c
	---; swarm at dusk and early morning; 328	Martorell	1939
lutzii (Theobald)	---; ---; 27, 82, 128, 137, 204, 223, 328, 329, 347 (Temporary rain pools, in forests, bites man)	Dyar	1928_a
	Ground pools; bite in forest, all year; 53°	Causey & dos Santos	1950
	---; in woods; 53	Townsend	1934
	Dense swamp forest; enters houses; 82°	Dunn	1929
	---; in forest during day, in houses; 85	Kumm et al.	1940
	---; ---; 129	Vevers	1924 +
	Pools; Jan.-Mar., May-June; 130°	Floch & Abonnenc	1947_b +
	---; ---; 138	Martini	1935
	Rainpools; bites by day in the jungle, rare, March; 237°. Rainpools; bite by day in the jungle, rare, April-May, July-Aug.; 238°.	Dyar	1925c
	---; ---; 311		
	---; May, June & July; 237	Galindo et al.	1951
	---; ---; 240	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA *lutzii* (Theobald) (cont.)	---; ---; 262	Kumm & Zuniga	1942
	Temporary ground pools; ---; 297	Bonne & Bonne-Wepster	1925
	Temporary pools; Nov.-Dec., bites man frequently in forest; 328°	Hecht & Anduze	1944
	---; along rivers; 328	Dyar	1925d
marmorata (Philippi)	---; ---; 75	Dyar	1928a
melanota Cerqueira	---; ---; 51	Stone et a..	1959
mexicana (Bellardi)	---; ---; 204	Martini	1935
oblita Lynch Arribálzaga	---; April; 27	Dyar	1919
pallescens Edwards	---; ---; 27, 51, 239	Stone et al.	1959
paulli Paterson & Shannon	---; ---; 27, 51	Stone et al.	1959
pazosi Pazos	---; ---; 18	Bonne & Bonne-Wepster	1925
posticatus Wiedemann	---; ---; 19	Menor & Ortega	1934
	---; ---; 27	Dyar	1919
	---; bite by day in forest; 53°	Gordon & Evans	1922
	---; in houses; 82	Dunn	1929
	Rain pools in jungle; ---; 99	Dyar	1925b
	Ground pool; Dec.; 238	Dyar	1922b
	Surface water following rain; ---; 238	Dyar	1924e
	---; ---; 239	Edwards	1922
	---; ---; 297	Bonne-Wepster & Bonne	1923a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA			
posticatus			
posticatus Dyar	---; ---; 328	Evans	1922
posticatus *sayi* Dyar & Knab	---; ---; 328	Evans	1922
pruinosa Martini	---; ---; 204	Martini	1935
purpurascens Edwards	---; ---; 239	Edwards	1922
pygmaea (Theobald)	---; ---; 17, 18, 19, 21	Lane	1953
	Salt marshes, near shore; common April-Dec., fly 4-5 miles from breeding places, fierce biter; 20°	Mink	1933
	Ground pools with or without vegetation, brackish hoofprint pools; fierce biter night and day, occasionally in houses; 22°	Tulloch	1937
	---; common; 22	Wolcott	1941
	Roadside trench with growth of "salt grass" *Sporobolus virginicus*; ---; 24	Edwards & Box	1940
	---; ---; 329	Stone et al.	1959
saeva Dyar & Knab	Temporary pools, coast and interior, predaceous; Jan., May, Dec.; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 328	Evans	1922
sayi Dyar & Knab	---; ---; 17	Dyar	1917
signipennis (Coquillett)	Temporary ground pools; ---; 204	Dyar	1928a
simplex Martini	---; ---; 204	Martini	1935
stonei Vargas	---; ---; 204	Stone et al.	1959
terminalis Coquillett	---; ---; 23, 346	Bonne & Bonne-Wepster	1925
tibialis Robineau-Desvoidy	---; ---; 27	Dyar	1919

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
PSOROPHORA			
toltecum Dyar & Knab	---; ---; 85, 204 (Temporary rainpools)	Dyar	1928a
totonaci Lasmann	---; ---; 204	Stone et al.	1959
tovari Evans	---; ---; 328	Evans	1922
varinervis Edwards	---; ---; 27, 51, 53, 239, 325	Stone et al.	1959
varipes (Coquillett)	---; ---; 27, 51, 53, 82, 85, 128, 137, 204, 240, 262, 328	Stone et al.	1959
	Ground pools; bite in forest, all year; 53°	Causey & dos Santos	1950
	---; bites man in forest during day; 85°	Kumm et al.	1940
	Brackish mangrove swamp among debris and vegetation; bites man during day; 262°	Kumm & Zuniga	1942
virescens Dyar & Knab	Temporary pools; ---; 69	Bonne & Bonne-Wepster	1925
SABETHES	---; Mar., in woods; 27	Martinez	1950
albiprivus Theobald	---; ---; 51, 239, 347	Stone et al.	1959
	---; Aug.-Sept.; 53	Townsend	1934
	---; Feb.-Apr.; 53	Basseres	1943
	---; ---; 53°	Lane	1936
	---; deep jungle; 82	Komp	1936
	---; Apr., June, in forest; 130	Floch & Abonnenc	1967b
	---; in bushes, bites by day, Feb.; 297°	Bonne & Bonne-Wepster	1925
amazonicus Gordon & Evans	---; ---; 51	Lane	1953
	---; in forest, Dec.; 53	Gordon & Evans	1922
	---; ---; 53°	Dyar	1928a
	---; in woods; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
SABETHES			
argyronotum Edwards	---; at 2000 feet elevation, in forest; 53	Edwards	1928
auresoens (Lutz)	---; ---; 27, 53, 237, 328	Stone et al.	1959
	---; June; 130	Floch & Abonnenc	1947b +
batesi Lane & Cerqueira	---; ---; 53	Lane	1953
belisarioi Neiva	---; ---; 27, 51, 53, 82, 237, 240, 328, 329, 347	Stone et al.	1959
	---; ---; 53*	Lane	1936
	---; bites by day, all year, common during dry season; 82*	Bates	1945
	Treeholes; May, Dec.; 328*	Hecht & Anduze	1944
bipartipes Dyar & Knab	---; ---; 19, 20	Porter	1967
	---; ---; 53, 99, 129 (Treeholes)	Dyar	1928 a
	Empty nut shells; ---; 53	Kumm & Novis	1938
	---; ---; 69, 346. Treeholes and fallen banana leaves, predaceous; in or near woods, all year; 297	Bonne & Bonne-Wepster	1925
	---; ---; 91, 347 (Treeholes)	Dyar	1925 c
	---; Jan.-June, Dec., diurnal; 99	Campos	1925 +
	---; forest; 130	Floch & Abonnenc	1947 b +
	Treeholes, predaceous; ---; 237	Dyar	1925 a
[illegible]pterus (Humboldt)	---; ---; 27, 53, 85, 204, 223, 237, 262, 328, 347 (Treeholes)	Dyar	1928 a
	---; ---; 51, 82, 99, 329	Stone et al.	1959
	--; in houses; 53	Kumm & Novis	1938
	---; ---; 328	Lane	1953
	Bamboo; Apr., June, Oct.-Dec., bite man in forest; 130*	Floch & Abonnenc	1947 b +
	Bamboo traps; possible vector of yellow fever, all year, peak Oct., 237	Galindo et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
SABETHES	---; forest; 237	Galindo et al.	1950
chloropterus (Humboldt) (cont.)	---; forest, caves; 262	Kumm & Zuniga	1942
chrolopus Dyar & Knab	---; ---; 129	Dyar & Knab	1913
cyaneus (Fabricius)	---; ---; 24	Lane	1953
	---; ---; 27, 85, 137, 223	Stone et al.	1959
	Treeholes; in houses; 53°	Kumm & Novis	1938
	Fallen banana leaves, bamboo; ---; 53, 237	Shannon	1931
	Heliconia in forest; ---; 53°	Evans & Walker	1935
	Stumps of "fishtail" palm, treeholes; ---; 82	Komp	1936
	---; Jan.-Dec., bites by day; 82°	Bates	1945
	---; ---; 129	Vevers	1924 +
	---; Feb.-Mar., June, Aug.-Sept., in forest; 130°	Floch & Abonnenc	1947 b +
	---; ---; 138, 237, 297, 329 (Active by day, bites man). Treeholes; ---; 238	Dyar	1928 a
	Treeholes; in forest, at 2,100 feet elevation, Jan.-May, July-Dec.; 237°	Galindo et al.	1951
	---; May, June, Aug., Sept., Mar.; 238. ---; ---; 311	Dyar	1925 c
	---; in woods at daytime, Jan., Mar., July, Dec.; 297°	Bonne & Bonne-Wepster	1925
	---; active by day; 328	Anduze	1943 c
	---; ---; 328°	Hecht & Anduze	1944
fabricii Lane & Cerqueira	---; ---; 53	Lane	1953
glaucodaemon Dyar & Shannon	---; ---; 51, 129, 297	Lane	1953
	---; forest shade in the morning, Aug.; 53	Strong et al.	1926

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
SABETHES goeldii Howard, Dyar & Knab	---; ---; 53, 297, 329	Dyar	1928a
	---; ---; 82 (*Colocacia, Heliconia* and Bromeliads, bamboo stumps, may transmit disease)	Patino-Camargo	1940
identicus Dyar & Knab	---; ---; 27, 51, 53, 237	Stone et al.	1959
imperfectus Bonne-Wepster & Bonne	---; ---; 27	Duret	1950 b
	---; diurnal; 129°	Edwards	1922
	---; bites man in jungle, Nov.-Dec.; 328°	Hecht & Anduze	1944
intermedius (Lutz)	---; ---; 21, 51, 82, 237	Stone et al.	1959
	Artificial containers; Feb.-June; 53	Basseres	1943
	---; June; 130	Floch & Abonnenc	1947 b +
kappleri Bonne	---; Feb.; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
longfieldae Edwards	---; in forest at 2,000 feet elevation; 53	Edwards	1928
lutzianus Lane & Cerqueira	---; ---; 27	Duret	1950 b
lutzii Theobald	---; ---; 53	Dyar	1928 a
neivai Petrocchi	---; May; 27	Shannon & Del Ponte	1927
paraitepuyensis Anduze	---; ---; 328	Anduze	1941
purpureus Theobald	---; ---; 27	Stone et al.	1959
	---; Feb.-June; 53	Basseres	1943
	---; June; 130	Floch & Abonnenc	1947 b +
	---; bite man frequently in forest; 328°	Hecht & Anduze	1944
quasicyaneus Peryassú	---: diurnal, in forest; 53°	Peryassú	1922
	---; ---; 53, 82, 240	Stone et al.	1959
remipusculus Dyar	---; ---; 53	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
SABETHES	---; ---; 51, 328, 347	Dyar	1928 a
schausi Dyar & Knab	---; ---; 53	Bonne & Bonne-Wepster	1925
	---; ---; 82 (*Colocacia, Heliconia* and Bromeliads, bamboo stumps)	Patino-Camargo	1940
	---; ---; 239	Edwards	1922
	---; ---; 297	Bonne-Wepster & Bonne	1923a
soperi Lane & Cerqueira	---; ---; 27, 51, 53	Stone et al.	1959
tarsopus Dyar & Knab	---; ---; 53°	Evans & Walker	1935
	---; ---; 53, 82, 85, 137, 223, 240, 297	Stone et al.	1959
	---; Feb.-Mar., Dec., in forest; 130	Floch & Abonnenc	1947 b +
	---; Sept., Nov.; 204, 237, 238	Dyar	1925c
	Bamboo; April, at sea level to 2,100 feet elevation; 237°, 238°	Galindo et al.	1951
	- -; Jan. & April; 328. ---; Apr. & Sept.; 329	Dyar	1928a
undosus (Coquillett)	---; ---; 27, 51, 129, 223, 237, 239, 240, 328, 329	Stone et al.	1959
	---; May-June; 53	Basseres	1943 +
	Bamboo; ---; 130	Floch & Abonnenc	1947b +
whitmani Lane & Cerqueira	---; ---; 53	Lane	1953
SABETHINUS *auresceus* Theobald	---; ---; 237	Dyar	1923c
undosus Coquillett	---; ---; 237	Dyar	1923c
	Bamboo; ---; 238	Dyar & Shannon	1924a
SABETHOIDES *albiprivatus* Theobald	---; ---; 53	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
SABETHOIDES	---; ---; 53, 237	Dyar	1928 a
aurescens Theobald	Bamboo; May, Aug.; 238	Dyar	1925 c
	---; ---; 328	Anduze	1941
	---; ---; 27	Shannon	1931 a
chloropterus (Humboldt)	Treeholes; ---; 53. ---; ---; 69, 204. ---; Aug.; 237. ---; July, Aug.; 238	Dyar	1925 c
	---; in forest, bites man at night; 53°	Pinto	1930
	---; Aug., Sept.; 53	Lane	1936
	---; human bait in forest during daytime; 85°	Kumm et al.	1940
	---; ---; 128, 204	Martini	1935
	---; ---; 223, 329, 347 (Bites man)	Dyar	1928 a
	---; daytime, forest and caves; 262	Kumm & Zuniga	1942
	---; ---; 328	Anduze	1941
glaucodaemon Dyar & Shannon	---; ---; 53, 297	Dyar	1928 a
imperfectus Bonne-Wepster & Bonne	---; ---; 82 (*Colocacia, Heliconia* and Bromeliads)	Patino-Camargo	1940
	---; diurnal; 129°	Edwards	1922
	---; bites man in woods; 297°	Bonne-Wepster & Bonne	1919
	---; ---; 328	Anduze	1941
intermedius (Lutz)	Bamboo; ---; 53	Prado	1935
	---; in forest, Aug., Sept.; 53°	Lane	1936
	---; ---; 82 (*Colocacia, Heliconia* and Bromeliads, bamboc stumps)	Patino-Camargo	1940
melanonymphe (Dyar)	---; ---; 53	Dyar	1928 a
moerbista Dyar & Knab	---; ---; 129	Dyar	1928 a
neivai Petrocchi	---; ---; 27	Shannon	1931 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
SABETHOIDES	---; ---; 53	Strong	
nitidus		et al.	1926
Theobald			
	Bites by day; Jan.; 85°. ---; ---; 128, 129, 204. ---; Aug.; 237	Dyar	1921 d
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
prolepidis	Predaceous; ---; 238	Dyar	1926 b
Dyar & Knab			
purpureus	Forest glade; ---; 53	Prado	1935
Theobald			
	---; Sept.; 53°	Lane	1936
	---; Feb.; 53	Dyar	1928 a
serratoria	Bamboo stumps; ---; 27	Dyar	1928 a
(Dyar & Nuñez Tovar)	---; in forest, Aug., Sept.; 53°	Lane	1936
	Bamboo; ---; 82	Komp	1936
	---; ---; 82 (*Colocasia, Heliconia* and Bromeliads, bamboo stumps)	Patino-Camargo	1940
	---; ---; 328	Anduze	1941
undosus	---; in forest, Aug., Sept.; 53°	Lane	1936
Coquillett			
	---; ---; 53, 223, 237, 329. ---; Sept.; 328 (Bamboo joints, diurnal)	Dyar	1928 a
	Bamboo; Aug.; 237. Bamboo; May; 238	Dyar	1925 c
STEGOMYIA	---; ---; 19	Menor &	
aegypti		Ortega	1934
(Linnaeus)			
	Artificial containers; common in houses; 53	Pinto	1930
calopus	Artificial containers; ---; 53	Gordon	1922
Meigen			
fasciata	---; ---; 17	Dyar	1917
Fabricius			
	Artificial containers; in houses; 27	Kraus	1916
	---; coastal areas; 99*	Espinosa-Tamayo	1917
	---; ---; 130	Leger	1918
	Artificial containers; ---; 240	Converse	1914

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
STEGOMYIA *fasciata* var. *queenslandensis* Theobald	---; ---; 69, 346 (Artificial containers in or near houses, treeholes, carrier of yellow fever)	Ludlow	1913
notoscriptus (Skuse)	---; carrier of dengue; 18	Siler et al.	1926
TAENIORHYNCHUS *albicosta* Peryassú	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
amazonensis (Theobald)	---; ---; 53	da Costa Lima	1935
	---; ---; 130	Leger	1918
arasoi (Shannon & Del Ponte)	---; ---; 27	Duret	1950b
arribalzagae Theobald	---; ---; 53, 237. ---; common, all year; 297	Bonne & Bonne-Wepster	1925
chagasi da Costa Lima	---; Feb.; 53	da Costa Lima	1935
chrysonotum (Peryassú)	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
	Forest swamps; ---; 53	Laemmert et al.	1946
fasciolatus Lynch Arribalzaga	---; ---; 27	Duret	1950b
	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
	Forest swamps; ---; 53	Laemmert et al.	1946
	---; ---; 130	Leger	1918
	---; ---; 204	Bonne & Bonne-Wepster	1925
	Coasts; ground level, experimentally infected with yellow fever; 237	Galindo et al.	1950
	---; common along the river, feed at ground level and enter forest canopy; 237°	Galindo et al.	1951
	---; ---; 239	Edwards	1922
	---; ---; 297	Bonne-Wepster & Bonne	1923a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS flaveolus (Coquillett)	---; ---; 27	Duret	1950 b
	---; in houses, April, Nov.; 53	da Costa Lima	1935
hermanoi (Lane & Coutinho)	---; ---; 27	Duret	1950 b
humeralis (Dyar & Knab)	---; ---; 27	Duret	1950 b
	---; bites man at night; 27°	Martinez	1950
	---; ---; 51, 53, 82, 129, 240, 297, 328	da Costa Lima	1935
hypocindyna Dyar	---; ---; 53	Bonne & Bonne-Wepster	1925
indubitans (Dyar & Shannon)	---; April, Nov.; 53. ---; enter houses near river, April; 240	da Costa Lima	1935
	---; ---; 237	Galindo et al.	1950
juxtamansonia Chagas	---; ---; 27	Duret	1950 b
	Ground pool; bite in forest; 53°	Causey & dos Santos	1950
	---; ---; 328	Bonne & Bonne-Wepster	1925
neivai (Lane & Coutinho)	---; ---; 27	Duret	1950 b
nigricans Coquillett	---; in mountains; 27	Martinez	1950
	---; at ground level, common; 237	Galindo et al.	1950
	---; ---; 237°	Galindo et al.	1951
	---; ---; 238	Bonne & Bonne-Wepster	1925
pseudotitillans (Theobald)	---; in houses, April-May; 53. ---; ---; 297	da Costa Lima	1935
	---; ---; 237	Galindo et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TAENIORHYNCHUS titillans (Walker)	---; active in the evening; 27	Martinez	1950
	---; ---; 53	da Costa Lima	1935
	---; ---; 69, 346, 347 (Swamps and ponds, *Pistia*, bites day and night). Swamps with *Pistia*; enters houses; 297	Bonne & Bonne-Wepster	1925
	---; common near ground level, experimentally infected with yellow fever; 237	Galindo et al.	1950
	---; common along the river, bites at ground level in forest canopy; 237°	Galindo et al.	1951
	---; ---; 239	Edwards	1922
venezuelensis Theobald	---; ---; 328	Bonne & Bonne-Wepster	1925
wilsoni Barreto & Coutinho	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
THEOBALDIA incidens Thompson	---; ---; 204*	Vargas	1939
inornata Williston	---; ---; 204	Martini	1935
maccrackenae Dyar & Knab	Ground pools in high mountains; ---; 85. ---; ---; 237	Kumm et al.	1940
	---; ---; 204	Martini	1935
	Shaded rock-rimmed pool, spring water; ---; 262	Kumm & Zuniga	1942
TOXORHYNCHITES bambusicolus (Lutz & Neiva)	---; ---; 53, 82, 240, 297	Stone et al.	1959
grandiosus (Williston)	---; ---; 204	Stone et al.	1959
guadeloupensis (Dyar & Knab)	---; ---; 20, 328	Lane	1953
	Bromeliads; ---; 24	Floch & Abonnenc	1945 +
	---; ---; 82, 297, 329, 346	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TOXORHYNCHITES	---; ---; 27, 51, 53, 240, 328, 347	Stone et al.	1959
haemorrhoidalis (Fabricius)	Bamboo, artificial containers; all year; 130	Floch & Abonnenc	1947 b +
haemorrhoidalis separatus (Lynch Arribálzaga)	---; ---; 27, 53, 239	Lane	1953
haemorrhoidalis superbus (Dyar & Knab)	---; ---; 18, 85, 137, 204, 223, 237, 329	Stone et al.	1959
	Cacao nutshells; Sept.; 99	Campos	1925 +
	Heliconia; ---; 129	Vevers	1924 +
	Bamboo, domestic containers; ---; 130	Floch & Abonnenc	1947 b
hexaois (Martini)	---; ---; 51	Lane	1953
hypoptes Knab	Bamboo, treeholes, artificial containers; ---; 237	Galindo et al.	1951
mariae (Bourroul)	Bromeliads, treeholes; ---; 53	Lane	1953
	---; ---; 329	Stone et al.	1959
portoricensis (Röder)	---; ---; 18, 21, 22, 24, 91, 328	Lane	1953
	---; ---; 19, 20	Porter	1967
purpureus (Theobald)	---; ---; 53	Stone et al.	1959
pusillus (Lima)	Bamboo, treeholes; ---; 53	Lane	1953
separatus Lynch Arribálzaga	---; ---; 27	Duret	1950 b
solstitialis (Lutz)	---; ---; 27, 53 (Leaf bases of epiphytic Bromeliads)	Lane	1953
	---; ---; 328	Stone et al.	1959
theobaldi (Dyar & Knab)	---; ---; 27, 51, 53, 82, 85, 128, 129, 204, 223, 237, 262, 297, 328, 329	Stone et al.	1959
	- -; Mar., Oct., rare; 99	Campos	1925 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TOXORHYNCHITES trichopygus (Wiedemann)	---; ---; 53	Stone et al.	1959
	Bamboo, artificial containers; ---; 130	Floch & Abonnenc	1947 b +
tucumanus Brethes	---; ---; 27	Duret	1950 b
tucumanus var. *arborealis* Shannon & Del Ponte	---; March; 27	Martinez	1950
violaceus (Wiedemann)	---; ---; 53	Stone et al.	1959
TRICHOPROSOPON andinum Levi Castillo	---; ---; 99	Stone et al.	1959
brevipes (Lima)	---; ---; 53	Lane	1953
castroi Lane & Cerqueira	---; ---; 53	Lane	1953
cerqueirai Stone	---; ---; 53, 237	Stone et al.	1959
compressum Lutz	---; ---; 27, 51, 82, 239, 328	Stone et al.	1959
	Forest glade; ---; 53	Prado	1935
	Bamboo, coconut shells; Aug.-Oct., rare; 237	Galindo et al.	1951
compressum	---; ---; 27, 53, 82, 237, 239	Lane	1953
compressum Lutz	Fallen leaves; June; 130	Floch & Abonnenc	1947b +
compressum var. *mogilasium* (Dyar & Knab)	---; ---; 53, 237, 328	Stone et al.	1959
ootoparensis Levi Castillo	---; ---; 99	Stone et al.	1959
digitatum (Rondani)	---; ---; 27	Duret	1950b
	Cocoa pods; bites man in forest at daytime; 53°, 85°	Kumm et al.	1940
	Tree stump; in woods, in houses, March, July and Sept.; 53	Townsend	1934

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TRICHOPROSOPON digitatum (Rondani) (cont.)	---; ---; 204, 352	Stone et al.	1959
	Bamboo traps, treeholes, coconut husk, artificial container; May-Sept., peak Aug.; 237	Galindo et al.	1951
	---; ---; 328	Anduze	1941
digitatum digitatum (Rondani)	---; ---; 51, 53, 82, 85, 99, 128, 130, 223, 237, 239, 262, 297, 328, 329 (Cocoa pods, coconut husks)	Lane	1953
	---; Apr.; 99	Campos	1925 +
	Salt or putrid water; bite man particularly in evening, in houses; 130*	Floch & Abonnenc	1947b +
	Bamboo, artificial containers, fallen leaves; Feb.-June, Aug.; 130	Floch & Abonnenc	1947a +
digitatum var. *townsendi* Stone	---; ---; 53, 237, 329	Stone et al.	1959
eduardoi-mum Lane & Cerqueira	---; ---; 51, 53, 82	Stone et al.	1959
espini (Martini)	---; ---; 27, 51, 53, 137, 223	Stone et al.	1959
	Leaf axils of *Montrichardia arborescens*; common at sea level, forest canopy and at ground level; 237*	Galindo et al.	1951
evansae Antunes	---; ---; 82	Lane	1953
fluviatilis (Theobald)	---; ---; 27, 51, 237, 347	Stone et al.	1959
	---; ---; 128, 223	Lane	1953
	Bamboo; in forest; 130	Floch & Abonnenc	1947b +
frontosum (Theobald)	---; ---; 27, 128, 129, 329	Stone et al.	1959
	---; experimental transmission of yellow fever; 53	Laemmert et al.	1946
	---; ---; 347	Lane	1953
	---; experimental transmission of yellow fever; 352	Waddell	1949
humboldti Lane & Cerqueira	---; ---; 53	Lane	1953
hyperiacum (Martini)	---; ---; 82, 240	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TRICHOPROSOPON	---; ---; 82	Bates	1943
lampropus (Howard, Dyar & Knab)	Predaceous; ---; 237	Dyar	1928a
lanei (Antunes)	---; ---; 82	Lane	1953
leucopus (Dyar & Knab)	---; in forest; 130	Floch & Abonnenc	1947b +
	---; ---; 137, 204, 223, 237	Stone et al.	1959
longipes Fabricius	---; ---; 18, 51, 53, 82, 128, 137, 223, 240, 328, 329, 347	Stone et al	1959
	Flower bracts of *Musa bihai*; Jan., Mar.-May, July-Dec.; 130°	Floch & Abonnenc	1947b +
	Colocasia, flower bracts of *Calathea* and *Heliconia*; ---; 237°	Galindo et al.	1951
ludenwaldti (Lane)	---; ---; 53	Lane	1953
lunatum (Theobald)	---; ---; 27, 53, 328, 329	Stone et al.	1959
magnum (Theobald)	---; ---; 51, 53, 85, 128, 223, 237, 328 (Bracts of *Calathea* flowers)	Lane	1953
	---; ---; 137, 297	Stone et al.	1959
	Leaf axils of *Calathea*; ---; 237°	Galindo et al.	1951
moralesi (Dyar & Knab)	---; ---; 128, 204	Stone et al.	1959
obscurum Lane & Cerqueira	---; ---; 27, 53	Stone et al.	1959
pallidiventer (Lutz)	---; ---; 27, 51, 53, 8[illegible] (Bamboo internodes, predaceous)	Lane	1953
	---; ---; 139, 240	Stone et al.	1959
perturbans (Williston)	---; ---; 128, 137, 328, 346	Stone et al.	1959
pusillum Lutz	---; ---; 328	Martorell	1939
rupes (Dyar & Knab)	---; ---; 27	Duret	1950 b

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
TRICHOPROSOPON			
reversum Lane & Cerqueira	---; ---; 27, 53, 239	Stone et al.	1959
schedocyclius (Dyar & Knab)	---; ---; 51, 204, 237	Stone et al.	1959
	---; ---; 53, 128, 223 (Bamboo internodes)	Lane	1953
simile Lane & Cerqueira	---; ---; 27	Duret	1950 b
	---; ---; 53	Lane	1953
soaresi Lane & Cerqueira	---; ---; 53	Lane	1953
splendens Lutz	---; ---; 53. ---; June; 129	Matheson	1934
theobaldia Lane & Cerqueira	---; ---; 53, 329 (Leaf of *Wittmackia* spp.)	Lane	1953
vomplesseni (Dyar & Knab)	---; ---; 53, 240, 328 (Bamboo, *Heliconia*)	Dyar	1928 a
	---; ---; 99	Lane	1953
walcotti Lane & Cerqueira	---; ---; 53	Lane	1953
URANOTAENIA			
aequatorianna Levi Castillo	---; ---; 99	Stone et al.	1959
anhydor Dyar	---; ---; 204	Stone et al.	1959
apicalis Theobald	---; ---; 24, 53	Lane	1953
	---; ---; 27	Duret	1950 b
	---; ---; 137, 237	Stone et al.	1959
bicolor Martini	---; ---; 204	Martini	1935
briseis Dyar	---; ---; 237, 328	Stone et al.	1959
burkii Lane	Dirty shaded pools; July; 53	Lane	1936
calosomata Dyar & Knab	Artificial containers; Jan.; 53	Gordon & Evans	1922
	---; ---; 53, 82, 237 (Hoofprints, small ground pools, attracted by light, rare species)	Dyar	1928 a
	Hoofprints and ground pools; ---; 82	Dunn	1929

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA calosomata Dyar & Knab (cont.)	---; ---; 85, 328	Stone et al.	1959
	Flooded savannahs; ---; 130	Floch & Abonnenc	1947 b +
	Small ground pools, hoofprints; April-May, Nov.; 238	Dyar	1925 c
calosomata var. *albitarsis* Gordon & Evans	Artificial containers; Jan.; 53	Gordon & Evans	1922
coatsacoalcos Dyar & Knab	Running streams, stream pools, ditches, ground pools, fresh water swamps, in sun and shade; ---; 85	Kumm et al.	1940
	---; ---; 85, 99, 204, 237, 328, 329 (Small ground pools, especially along streams, treeholes)	Dyar	1928 a
	Pools and holes along stream; April; 237. Pools and holes along stream; June, Aug., Nov.; 238. ---; ---; 311	Dyar	1925 c
	---; caves; 262	Kumm & Zuniga	1942
cooki Root	---; ---; 20, 23	Stone et al.	1959
	Marshes among thick growth of *Typha*; ---; 22	Weathersbee	1944 +
davisi Lane	---; ---; 27, 51, 53	Stone et al.	1959
ditaenionota Prado	---; Feb., Sept.; 27	Martinez	1950
	---; ---; 53, 237	Stone et al.	1959
geometrica Theobald	---; ---; 27, 99, 204, 237, 328, 329, 347 (Temporary and semi-permanent ground pools)	Dyar	1928 a
	---; ---; 51, 239, 240	Stone et al.	1959
	Ground pools; ---; 53	Townsend	1934
	---; Oct.; 53	Gordon & Evans	1922
	---; Feb.-Apr.; 53	Basseres	1943
	Grassy pools; ---; 82	Komp	1936
	Stream pools, ponds, seepage areas, ditches, swamps, hoofprints, ground pools with *Spirogyra*; ---; 85	Kumm et al.	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTEOR	DATE
URANOTAENIA geometrica Theobald (cont.)	Standing water, fresh or brackish, in pools or wells, around trees or swamp plants; Jan.-Feb., July-Dec.; 99	Campos	1925 +
	Ditches, pools, ponds, swamps, streams with vegetation; all year; 130°	Floch & Abonnenc	1947b +
	Ditch with vegetation and decaying leaves; ---; 223	Woke	1947
	Ground pools, permanent water; Dec.; 237. Ground pools, permanent water; Jan.-March, May-Aug., Oct.-Dec.; 238. ---; ---; 311	Dyar	1925c
	Sunny pools beside streams, seepage areas with *Spirogyra*; ---; 262	Kumm & Zuniga	1942
	Stagnant, clear water with algae, in pools and swamps; in grass or on bark of trees, occasionally enters houses; 297	Bonne & Bonne-Wepster	1925
hystera Dyar & Knab	---; ---; 51, 82, 129, 328	Stone et al.	1959
	---; Feb., Oct.; 130	Floch & Abonnenc	1947b +
	---; Feb.; 237	Dyar	1928a
incognita Galindo, Blanton & Peyton	---; ---; 237	Stone et al.	1959
lanei Martinez & Prosen	---; ---; 27	Stone et al.	1959
leucoptera (Theobald)	---; ---; 99, 237	Stone et al.	1959
	---; ---; 129, 204, 329, 347	Lane	1953
	Flooded savannahs; ---; 130	Floch & Abonnenc	1947b +
	---; enter houses in evening; 297	Bonne & Bonne-Wepster	1925
lowii Theobald	---; ---; 20, 21	Porter	1967
	Grassy meadow pools; Aug., in houses; 22	Root	1922
	Fresh, rarely in brackish pools with much vegetation in open country; ---; 22	Tulloch	1937
	---; ---; 24	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA lowii Theobald (cont.)	---; ---; 27, 82, 99, 237, 328, 329, 347 (Ground pools, grassy lake margins)	Dyar	1928 a
	---; ---; 51	Cerqueira	1943 a
	---; Jan.; 53	Gordon & Evans	1922
	Rock pools beside rivers, borrow pits, hoofprints, ground pools; ---; 85	Kumm et al.	1940
	Fresh or salt water, clear or turbid, in ruts and ditches with algae and other plants; Jan.-Aug., Oct.-Dec., enters houses; 99°	Campos	1925 +
	---; ---; 128, 204	Martini	1935
	Ditches, pools, vegetated streams; ---; 130	Floch & Abonnenc	1947
	Grassy ground pool; ---; 223	Woke	1947
	Ground pools, grassy edges of pools; April-May, July-Sept., Nov.-Dec.; 238	Dyar	1925
	Crab holes; ---; 262	Kumm & Zuniga	1942
	Pools; occasionally enter houses in evening; 297	Bonne & Bonne-Wepster	1925
	Treehole; Oct.; 297	Bonne-Wepster & Bonne	1921a
	---; along river; 328	Dyar	1925d
	Ponds; Apr. & Jan.; 329	van der Kuyp	1948a
martinii Lane	---; ---; 138	Lane	1953
mathesoni Lane	---; ---; 53	Lane	1953
nataliae Lynch Arribálzaga	---; ---; 27, 51, 129, 137, 237, 329	Stone et al.	1959
	Pools with organic matter; ---; 53	Lane	1936
	Flooded savannahs; ---; 130	Floch & Abonnenc	1947 b +
	---; ---; 204	Dampf	1944
	---; along river; 328	Dyar	1925 d

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA			
nataliae			
capitis Shannon & Del Ponte	---; ---; 27	Shannon	1931a
orthodoxa Dyar	Ground pools; ---; 85	Dyar	1928a
	---; ---; 128, 237	Stone et al.	1959
	---; ---; 204	Martini	1935
pallidoventer Theobald	---; ---; 53, 237	Stone et al.	1959
	---; June-July; 130	Floch & Abonnenc	1947 b +
	Old canoe in swamp; houses; 297	Bonne & Bonne-Wepster	1925
paludosa Galindo, Blanton & Peyton	---; ---; 237	Stone et al.	1959
pulcherrima Lynch Arribalzaga	---; Oct.; 27	Mühlens et al.	1925
	---; ---; 27, 53, 82, 99, 129, 137, 237, 328 (Small ground pools, Bromeliad leaf bases)	Dyar	1928a
	---; ---; 51, 128, 138, 204, 239	Stone et al.	1959
	---; July, enter houses in evening; 53°	Strong et al.	1926
	Pond with *Pistia*; ---; 85	Kumm et al.	1940
	Clear water; Jan.-Feb., Oct.-Dec., rare; 99	Campos	1925 +
	Ponds, pools, ditches, flooded savannahs; ---; 130	Floch & Abonnenc	1947b +
	---; ---; 297	Bonne-Wepster & Bonne	1923a
	Hoofprints in marshy ground, shallow vegetated lagoons; ---; 328	Hecht & Anduze	1944
pulcherrima var. *elnorae* Paterson & Shannon	---; ---; 27	Duret	1950b
rowlandi Theobald	Pool in woods; Jan., in houses; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
URANOTAENIA	---; ---; 18, 20, 21	Porter	1967
sapphirina (Osten-Sacken)	Small swampy ditch with *Spirogyra*, in cane fields; June-Sept.; 22	Wolcott	1936
	Coastal plain; Nov.; 22	Tulloch	1937
	Brackish water; rare; 22	Wolcott	1941
	---; ---; 23, 137 (Semi-permanent ground pools)	Dyar	1928 a
	---; ---; 24*°	Hayes	1930 +
	Semi-stagnant stream pools with vegetation, in sun; ---; 85	Kumm et al.	1940
	---; ---; 128, 204	Martini	1935
	In pools; ---; 130	Floch & Abonnenc	1947 b +
	Sunny pools beside river with vegetation; ---; 262	Kumm & Zuniga	1942
sapphirinus socialis Theobald	---; ---; 20	Root	1927
socialis Theobald	---; ---; 18	Porter	1967
	---; ---; 20, 21, 23, 85, 128, 137, 237, 262	Stone et al.	1959
	Small swampy ditch containing *Spirogyra*; June-Sept.; 22	Root	1922
syntheta Dyar & Shannon	---; ---; 204	Martini	1935
telmatophila Galindo, Blanton & Peyton	---; ---; 237	Stone et al.	1959
trapidoi Galindo, Blanton & Peyton	---; ---; 237	Stone et al.	1959
typhlosomata Dyar & Knab	---; ---; 99, 237, 328, 329	Stone et al.	1959
urania Shannon & Del Ponte	---; ---; 27	Duret	1950 b
WYEOMYIA	---; ---; 85	Stone et al.	1959
abebeia Dyar & Knab	Tillandsia; ---; 204	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA			
abia Dyar & Knab	---; ---; 24	Bonne & Bonne-Wepster	1925
ablabes Dyar & Knab	In Bromeliads; ---; 204	Bonne & Bonne-Wepster	1925
adelpha Dyar & Knab	---; ---; 85	Bonne & Bonne-Wepster	1925
aequatoriana Levi Castillo	---; ---; 99	Stone et al.	1959
agnostips Dyar & Knab	---; ---; 237	Dyar	1923 c
	---; ---; 238	Dyar & Shannon	1924 a
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
airosai Lane & Cerqueira	---; ---; 53	Lane	1953
alani Lane & Cerqueira	---; ---; 53	Stone et al.	1959
albosquamata (Bonne-Wepster & Bonne)	Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
	Bromeliaceae; March; 297	Bonne-Wepster & Bonne	1919
amazonica Levi Castillo	---; ---; 99	Stone et al.	1959
antillarum Floch & Abonnenc	Bromeliads; ---; 24	Floch & Abonnenc	1945 +
aphobema Dyar	---; -- ; 51, 53, 99, 240, 347	Stone et al.	1959
	Bromeliads; ---; 82	Komp	1936
	Bases of pineapple leaves; ---; 129	Edwards	1922
	Bromeliads; Mar., June, in forest; 130	Floch & Abonnenc	1947b +
	Bromeliads; all year, coastal and inland; 297	Bonne & Bonne-Wepster	1925
aporonoma Dyar & Knab	---; ---; 51, 82, 129, 204, 262, 297, 328	Stone et al.	1959
	Treeholes, empty Brazil nut shells, fallen leaves and fruit rinds; in house .; 53	Kumm & Novis	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA	Treeholes, coconut shells, domestic artificial containers; ---; 85	Kumm et al.	1940
aporonoma Dyar & Knab (cont.)	*Musa*; Jan.-July; 130	Floch & Abonnenc	1947b +
	Flower-sheat of palm; August; 238	Dyar & Shannon	1924 a
	Tree stump; ---; 297°	Bonne & Bonne-Wepster	1925
arborea Galindo, Carpenter & Trapido	---; ---; 223	Stone et al.	1959
	---; July; 237°	Galindo et al.	1951 a
argenteorostris (Bonne-Wepster & Bonne)	Treeholes, Bromeliads, artificial containers; June; 130	Floch & Abonnenc	1947 b +
	Bromeliads; March; 297	Bonne & Bonne-Wepster	1925
argyrura Dyar & Knab	Bromeliads; ---; 18	Bonne & Bonne-Wepster	1925
arnfieldi Dyar & Knab	---; ---; 129	Vevers	1924 +
arthrostigma (Lutz)	---; in forest; 53°	Lane	1936
	---; ---; 85, 130, 240, 328, 329	Stone et al.	1959
	---; ---; 129	Vevers	1924 +
	Bamboo traps, artificial containers; Jan., Mar. and May; 237°	Galindo et al.	1951
asullepta Theobald	---; ---; 237	Dyar	1923 c
autocratica Dyar & Knab	---; ---; 17, 53	Stone et al.	1959
	Bromeliads; ---; 328	Anduze	1942 a
	Bromeliads; ---; 329	Bonne & Bonne-Wepster	1925
bahama Dyar & Knab	---; ---; 17, 18 (Bite in daytime)	Dyar	1928 a
baria Dyar & Knab	---; ---; 262	Bonne & Bonne-Wepster	1925
bicornis (Root)	---; ---; 51, 53, 240	Stone et al.	1959
	Bromeliads; ---; 328	Anduze	1943 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA			
bodkini Edwards	Bromeliads; ---; 129	Edwards	1922
bourrouli (Lutz)	---; ---; 53	Stone et al.	1959
bromeliarum Dyar & Knab	---; Aug.; 53°	Lane	1936
	---; ---; 85, 329 (Artificial containers)	Dyar	1928
	Bamboo stumps, Bromeliads; ---; 129	Edwards	1922
	Treeholes and bamboo; ---; 237. Treeholes and bamboo; Feb., March, May, Aug.; 238. ---; ---; 311, 347	Dyar	1925 c
	---; ---; 328	Anduze	1941
	Plant axils; possible vector of yellow fever; 352	Hecht & Anduze	1944
brucei Del Ponte & Cerqueira	---; ---; 27	Duret	1950b
	---; Feb.-June; 53°	Del Ponte & Cerqueira	1938
camptocomma Dyar	Leaf bases of Caladium; ---; 82	Dyar	1924c
	Colocasia and Bromeliads; ---; 82, 328	Dyar	1928a
caracula Dyar & Tovar	---; ---; 21	Thompson	1947
	---; in forest, Sept.; 53°	Lane	1936
	Bromeliads; ---; 328	Dyar	1928a
celaenocephala Dyar & Knab	Water between pineapple leaves; ---; 82	Komp	1936
	---; ---; 128, 262. ---; March; 137. ---; June; 328 (In *Bromeliards*)	Dyar	1928a
	---; ---; 129°	Vevers	1924 +
	---; ---; 204. *Tillandsia, Aechmea setigera* and pineapple leaves; March, July, Nov.; 237. *Tillandsia, Aechmea setigera* and pineapple leaves; March, June, Aug., Sept., Dec.; 238	Dyar	1925c
	---; ---; 223	Woke	1947
	Flower bracts of *Heliconia*; ---; 237°	Galindo et al.	1951
	Bromeliads; ---; 329	van der Kuyp	1949a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA			
cesari Del Ponte & Cerqueira	---; ---; 53	Lane	1953
chalcocephala Dyar & Knab	---; ---; 53	Stone et al.	1959
	Flower bracts of *Heliconia*; ---; 128	Dyar	1923
	Musa; ---; 130	Floch & Abonnenc	1947b +
	Flower bracts of *Heliconia*; in forest; 237°	Galindo et al.	1951
	Flower bracts of *Heliconia*; May; 238	Dyar & Shannon	1924 a
charmion Dyar	---; ---; 237	Lane	1953
	Bromeliad; Jan.; 238	Dyar	1928
chrysomus Dyar & Knab	In Bromeliads; ---; 237	Bonne & Bonne-Wepster	1925
	---; ---; 238	Dyar	1923
circumcincta Dyar & Knab	Bromeliads; ---; 223	Woke	1947
	Wild pineapple, Calathea, epiphytic bromeliads; ---; 237°	Galindo et al.	1951
	---; ---; 237	Dyar	1923 c
	Bromeliads; ---; 238	Dyar	1928
clasoleuca Dyar & Knab	---; ---; 24, 82, 237, 297	Stone et al.	1959
	---; Feb.-Mar., June, Oct., in forest; 130	Floch & Abonnenc	1947 b +
	---; ---; 237°	Galindo et al.	1951
	---; ---; 238	Dyar & Shannon	1924 a
	---; March; 297°	Bonne & Bonne-Wepster	1925
codiocampa Dyar & Knab	---; Aug., Sept.; 53°	Lane	1936
	---; ---; 53	Stone et al.	1959
	Cut bamboo; ---; 237, 238	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA	---; ---; 237	Dyar	1923 c
coenonus Howard, Dyar & Knab	*Calathea* flower bracts; ---; 238	Dyar	1928
colombiana Lane	---; ---; 82	Lane	1953
complosa Dyar	Bromeliads; in houses; 53	Kumm & Novis	1938
	---; ---; 82, 129, 237, 328	Stone et al.	1959
	Heliconia flower; ---; 85	Kumm et al.	1940
	Musa, Bromeliads, bamboo, pineapple, treeholes; ---; 130	Floch & Abonnenc	1947 b +
	Associated with *Xanthosoma* and *Monotrichardia*; ---; 238	Dyar	1928
compta Senevet & Abonnenc	Bamboo, *Musa*, treeholes, Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
confusa (Lutz)	---; ---; 51, 297, 328	Stone et al.	1959
	---; Feb.-Mar., May-June; 53	Basseres	1943
culebrae Dyar	---; ---; 237	Dyar	1923 c
	---; ---; 238	Dyar & Shannon	1924 a
delpontei Lane & Cerqueira	---; ---; 53	Lane	1953
downsi Lane	---; ---; 53	Lane	1953
durhami Theobald	---; ---; 237	Dyar	1923 c
dyari Lane & Cerqueira	---; ---; 53	Lane	1953
eloisa Howard, Dyar & Knab	---; ---; 237	Dyar	1923 c
	Flower bracts of *Calathea*; ---; 238	Dyar	1928
	Flower bracts of *Heliconia*-like plants; ---; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA			
fallax Bonne-Wepster & Bonne	Bromeliaceae; Dec.; 297	Bonne-Wepster & Bonne	1919
favor Dyar & Nuñez Tovar	---; ---; 328	Anduze	1941
felicia (Dyar & Nuñez Tovar	---; ---; 328, 329	Stone et al.	1959
finlayi Lane & Cerqueira	---; ---; 53	Lane	1953
flavifacies Edwards	---; ---; 53	Stone et al.	1959
	---; near river, Sept.; 82	Komp	1936
	Bromeliads; ---; 129	Edwards	1922
florestan Dyar	Treehole; ---; 237	Galindo et al.	1951a
	---; January; 238	Dyar	1925
flui Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1923a
fratercula Dyar & Knab	Artificial containers; ---; 24	Senevet & Quievreux	1941
fuscipes Edwards	---; ---; 239	Edwards	1922
galoa Dyar & Knab	Flower bracts of *Heliconia*; ---; 128	Dyar	1923
gaudians Dyar & Nuñez Tovar	---; May; 129. ---; ---; 328 (Bromeliaceae)	Dyar	1928a
gausapata Dyar & Nuñez Tovar	---; in forest, Aug.-Sept.; 53[3]	Lane	1936
	Bamboo; ---; 328	Dyar	1928a
glaucocephala Dyar & Knab	---; ---; 19	Bonne & Bonne-Wepster	1925
grayi Theobald	---; ---; 23, 24	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA	Bromeliads; ---; 85	Kumm et al.	1940
guatemala Dyar & Knab	---; ---; 128, 204, 262	Dyar & Shannon	1924 a
	Tillandsia and other epiphytic Bromeliaceae; Jan., July; 237. *Tillandsia* and other epiphytic Bromeliaceae; Jan., May-Aug., Dec.; 238	Dyar	1925 c
gymnocopus Dyar & Knab	---; ---; 85, 262	Dyar	1924
hemisagnosta Dyar & Knab	---; ---; 51, 53	Stone et al.	1959
	---; ---; 85 (Coconut husks)	Dyar	1928 a
	---; ---; 237°	Galindo et al.	1951
	---; ---; 238	Dyar	1925
	Coconut husk; ---; 262	Dyar	1924
hirsuta (Hill & Hill)	---; ---; 21	Thompson	1947
homothe Dyar & Knab	---; ---; 237. ---; bamboo woods; 238	Dyar	1924
	---; ---; 237°	Bonne & Bonne-Wepster	1925
	Wild pineapple; August; 238	Dyar & Shannon	1924 c
homotina Dyar & Knab	---; ---; 69	Bonne & Bonne-Wepster	1925
hosautos Dyar & Knab	---; ---; 53, 82	Stone et al.	1959
	Cut bamboo; ---; 237	Dyar	1928 a
	---; ---; 238	Bonne & Bonne-Wepster	1925
hosautos var. *leucotarsis* Lane	---; in forest, Aug., Sept.; 53°	Lane	1936
hoskardi Lane & Cerqueira	---; ---; 53	Lane	1953
incana Dyar	Wild pineapple; Aug.; 238	Dyar	1922 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA			
incaudata Root	Bromeliads; ---; 53	Dyar	1928 a
inconca Dyar & Knab	Bromeliads; ---; 85	Kumm et al.	1940
	---; ---; 237	Dyar	1923 c
	Bromeliaceae; ---; 238	Dyar & Shannon	1924 a
jocosa (Dyar & Knab)	---; ---; 204, 237, 238	Stone et al.	1959
	Leaf axils of *Calathea, Colocasia, Dieffenbackia, Xanthosoma*; ---; 237°	Galindo et al.	1951
	Leaf axils of *Caladium* and *Colocasia, Xanthosoma* and *Monotrichardia*; ---; 238	Dyar	1928
kerri Del Ponte & Cerqueira	---; ---; 51	Stone et al.	1959
	Treeholes, fallen leaves and fruit rinds; in houses; 53	Kumm & Novis	1938
knabi Lane & Cerqueira	---; ---; 53	Lane	1953
kummi Lane & Cerqueira	---; ---; 53	Lane	1953
labesba Howard, Dyar & Knab	---; Aug.; 238	Dyar	1922 c
lamellata (Bonne-Wepster & Bonne)	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925
lassalli Bonne-Wepster & Bonne	Bromeliads; ---; 329	Bonne & Bonne-Wepster	1925
lateralis Petrocchi	---; Feb.- Mar., bites man by day in woods; 27°	Martinez	1950
	---; ---; 51	Stone et al.	1959
leucopisthepus Dyar & Knab	---; ---; 237	Dyar	1923 c
leucostigma Lutz	---; ---; 27, 51	Stone et al.	1959
	Leaf base of *Typha*; ---; 53	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA			
limai Lane & Cerqueira	---; ---; 27, 51, 53	Stone et al.	1959
longirostris Theobald	---; ---; 27	Shannon	1931 a
	---; ---; 53	Basseres	1943
luteoventralis (Theobald)	Bamboo; Jan., July; 53	da Costa Lima	1930 a
	Treeholes, bamboo, *Musa*, Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
	---; ---; 328	Stone et al.	1959
lutzi (Lima)	---; in forest, Aug.; 53°	Lane	1936
mattinglyi Lane	---; ---; 53	Lane	1953
medioalbipes Lutz	---; ---; 19, 27, 53, 329	Lane	1953
	---; ---; 239, 346	Stone et al.	1959
melanocephala Dyar & Knab	---; enter houses at night; 24°	MacDonald	1917
	---; ---; 27, 51, 53, 82, 328, 329, 346, 347	Stone et al.	1959
	---; bite man in woods during day; 85°	Kumm et al.	1940
	Bamboo and *Musa*; Jan.-Nov.; 130	Floch & Abonnenc	1947 b +
	Leaf axils of *Calathea* and *Xanthosoma*, cut bamboo; ---; 238	Galindo et al	1951
	Leaf axils of *Caladium* and *Colocasia*; ---; 238	Dyar	1928
	Leaf axils of *Caladium*; ---; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	---; ---; 328°	Anduze	1943 a
melanopus Dyar	Bromeliads, treeholes; ---; 85	Kumm et al.	1940
	---; ---; 204	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA	Leaf axils of *Aechmea setigera*, epiphytic	Galindo	
melanopus	bromeliads; in human bait traps of 2,100	et al.	1951
Dyar	feet elevation; 237°		
(cont.)			
	---; Jan.; 237. *Tillandsia*; ---; 238	Dyar	1925 c
minor	---; ---; 18	Bonne &	
Dyar & Knab		Bonne-Wepster	1925
mitchellii	Bromeliaceae; ---; 18, 20	Dyar	1924 a
(Theobald)			
	---; ---; 18, 19, 21 (Bromeliads, bite man)	Dyar	1928 a
	Bromeliads; ---; 22°	Tulloch	1937
	---; in the mountains; 22	Wolcott	1941
	---; ---; 85, 128, 204, 262, 328, 329, 346	Stone et al.	1959
	Bromeliads; ---; 91	Dyar	1924 b
	Bamboo, treeholes, Bromeliads; Jan.; 237°	Galindo	
		et al.	1951
moerhista	---; ---; 53, 82, 129, 328	Stone et al.	1959
(Dyar & Knab)			
mühlensi	Bromeliads; Oct., Nov.; 27	Shannon &	
Shannon &		Del Ponte	1927
Del Ponte			
mystes	---; ---; 51	Cerqueira	1943 a
(Dyar)			
	Bromeliads; ---; 53	Kumm &	
		Novis	1938
	---; Apr., in forest; 130	Floch &	
		Abonnenc	1947 b +
negrensis	Stem of wild banana; in forest; 53	Gordon &	
Gordon & Evans		Evans	1922
negrescens	Stem of wild banana in forest; ---; 297	Bonne &	
Gordon & Evans		Bonne-Wepster	1925
nigritubus	---; ---; 204	Stone et al.	1959
Galindo, Carpenter			
& Trapido	---; April; 237	Galindo	
		et al.	1951 a
oblita	---; ---; 27	Duret	1950 b
(Lutz)			
	Bromeliad; ---; 51	Martinez	1950 a
	Bromeliad; Feb.-June; 53	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA	Bamboo internodes; ---; 53	da Costa Lima	1930
oblita (Lutz) (cont.)	---; bite man by day in woods; 53°	Pinto	1930
	---; in forest, Aug.; 53	Lane	1936
	Bamboo; ---; 130	Floch & Abonnenc	1947b +
	Bromeliads; Dec.; 297	Bonne & Bonne-Wepster	1925
occulta Bonne-Wepster & Bonne	---; ---; 51, 53	Stone et al.	1959
	Musa, bamboo; Jan.-May, Aug., Oct., Dec.; 130	Floch & Abonnenc	1947b +
	Heliconia; all year; 297	Bonne & Bonne-Wepster	1925
onidus Dyar & Knab	---; ---; 137	Root	1924
	---; ---; 237	Dyar	1923c
	---; ---; 297	Bonne-Wepster & Bonne	1923a
pallidoventer Theobald	---; ---; 53	Dyar	1928a
pampithes (Dyar & Nuñez Tovar)	---; ---; 21, 328	Stone et al.	1959
paraensis Theobald	---; ---; 237	Dyar	1923c
	Flower-sheath of palm; August; 238	Dyar & Shannon	1924a
personata (Lutz)	---; ---; 27, 51, 53, 204, 237, 328	Stone et al.	1959
	Treeholes, chestnut shells, fruit rinds, fallen leaves in forest; Jan., July, Oct.-Dec., common Oct. & Nov., forest; 237°	Galindo et al.	1951
pertinans (Williston)	---; ---; 21	Thompson	1947
	---; ---; 23	Bonne & Bonne-Wepster	1925
	Treeholes; enter houses at night; 24°	MacDonald	1917
	---; ---; 329, 346	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA	---; ---; 27, 51, 53, 239	Stone et al.	1959
petrocchiae (Shannon & Del Ponte)	---; July-April; 53*	Del Ponte & Cerqueira	1938
phroso Howard, Dyar & Knab	*Heliconia* stump; ---; 237	Bonne & Bonne-Wepster	1925
	Heliconia stumps; ---; 238	Dyar & Shannon	1924 a
pilicauda (Root)	Bromeliads; ---; 53	Dyar	1928 a
	---; ---; 328	Anduze	1941
prolepidis Dyar & Knab	---; ---; 237	Dyar	1923
	Leaf axils of *Dieffenbackia*; ---; 237*	Galindo et al.	1951
	---; ---; 238	Dyar & Shannon	1924 a
pseudomethysticus Bonne-Wepster & Bonne	---; ---; 237	Dyar	1923 c
pseudopecten Dyar & Knab	---; ---; 53, 92, 204	Stone et al.	1959
	---; March; 85. ---; ---; 126, 237, 328. ---; June; 329 (Flower bracts of *Heliconia*)	Dyar	1928 a
	Heliconia; ---; 129	Edwards	1922
	Musa; in forest; 130	Floch & Abonnenc	1947 b +
	Heliconia, flower-sheath of palm; August; 238	Dyar & Shannon	1924 a
	Calathea flower bracts; ---; 238	Dyar	1928
	Flower sheaths of *Heliconia*-like plants; ---; 297	Bonne & Bonne-Wepster	1925
quasilongirostris (Theobald)	---; ---; 27	Shannon	1931 a
	Bromeliads; ---; 53	Kumm & Novis	1938
	---; ---; 130	Bonne & Bonne-Wepster	1925
quasiluteoventralis (Theobald)	---; ---; 27	Duret	1950 b
	---; ---; 129, 297	Dyar	1924 b

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA quasiluteoventralis (Theobald) (cont.)	---; ---; 237	Stone et al.	1959
	Leaf bases of "elephant ears"; ---; 262	Kumm & Zuniga	1942
	Bromeliads; Nov.-Dec.; 328*	Hecht & Anduze	1944
	---; ---; 329 (Epiphytic and terrestrial bromeliads)	Dyar	1928 a
quasiluteoventralis var. *colsoni* Senevet & Quiévreux	---; ---; 24	Senevet & Quiévreux	1941
	---; ---; 346	Stone et al.	1959
robusta Senevet & Abonnenc	Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
roloncа Dyar & Knab	---; ---; 237	Dyar	1923 c
	---; ---; 238	Bonne & Bonne-Wepster	1925
roloncetta Dyar	---; ---; 237	Dyar	1923 c
rooti Lane & Cerqueira	---; ---; 53	Lane	1953
roucouyana (Bonne-Wepster & Bonne)	---; ---; 53	Lane	1953
	Bromeliads; March; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1941
sabethea Lane & Cerqueira	---; ---; 53	Lane	1953
schnusei (Martini)	---; ---; 51	Stone et al.	1959
scotinomus (Dyar & Knab)	---; ---; 27, 239	Duret	1950 +
	---; ---; 82, 329	Stone et al.	1959
	Bromeliads; in forest during day; 85	Kumm et al.	1940
	Arboreal and terrestial Bromeliads; May-June; 237. Arboreal and terrestial Bromeliads; Aug., Oct., Dec.; 238	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA	Epiphytic bromeliads and *Colocasia*; ---; 237*	Galindo et al.	1951
scotinomus (Dyar & Knab) (cont.)			
serrata (Lutz)	---; ---; 53	Lane	1953
serratoria (Dyar & Nuñez Tovar)	---; ---; 27, 53, 82, 328	Stone et al.	1959
shannoni Lane & Cerqueira	---; ---; 53	Lane	1953
simmsi (Dyar & Knab)	*Tillandsia*; Jan. & March; 237	Dyar	1925c
	Bromeliads; ---; 238	Dyar	1928
smithii (Coquillett)	---; ---; 17	Dyar	1917
soroculla Dyar	---; ---; 19	Bonne & Bonne-Wepster	1925
splendida Bonne-Wepster & Bonne	Bromeliads and *Heliconia*; ---; 129	Edwards	1922
	---; Apr., June; 130	Floch & Abonnenc	1947 b +
	Bromeliaceae; Jan., March; 297	Bonne-Wepster & Bonne	1919
	---; ---; 328	Anduze	1941
stonei Vargas & Martinez Palacios	---; ---; 204	Stone et al.	1959
subcomplasa (Del Ponte)	---; ---; 53	Stone et al.	1959
tarsata Lane & Cerqueira	---; ---; 51, 53	Stone et al.	1959
taurepana Anduze	---; ---; 328	Anduze	1941
telestica Dyar & Knab	Bromeliads; ---; 129	Edwards	1922
	Bromeliads; Aug.; 297	Bonne & Bonne-Wepster	1925
	---; ---; 329	Lane	1953

TABLE 1 - MOSQUITOES (conclusion)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
WYEOMYIA			
testei Senevet & Abonnenc	Treeholes, bamboo, *Musa*, Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
trinidadensis Theobald	---; ---; 328	Anduze	1941
	Bromeliads; ---; 329	Dyar	1928 a
tripartita (Bonne-Wepster & Bonne)	---; ---; 27	Shannon	1931 a
	---; ---; 53	Zumm & Novis	1938
ulocoma (Theobald)	---; ---; 19, 129, 237, 328, 329	Lane	1953
	Musa; ---; 130	Floch & Abonnenc	1947 b +
	Heliconia flower bracts; ---; 238	Dyar	1928
undulata Del Ponte & Cerqueira	---; ---; 51, 53	Stone et al.	1959
vanduzeei Dyar & Knab	---; ---; 17, 21	Lane	1953
	---; ---; 18, 19, 24 (Leaf bases of epiphytic Bromeliads)	Dyar	1924 a
	---; ---; 20	Root	1927
violascens Dyar & Knab	---; ---; 18	Bonne & Bonne-Wepster	1925
zeipoli Dyar	- -; ---; 51, 53, 82, 237, 329	Stone et al.	1959
	Leaf axils of *Dieffenbackia*; ---; 237*	Galindo et al.	1951
	Treeholes; ---; 238	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES
(ADDENDA)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES albimanus Wiedemann	---; in houses, Jan.; 128. ---; common in houses, bed nets; 137. ---; in houses, infected with oöcysts; 237	Komp	1941
albitarsis var. *brasiliensis* Chagas	Large and small pools, ponds, marshes, seepages with much vegetation; ---; 53	Root	1926
CULEX pipiens Linnaeus	---; ---; 204**	Vargas	1939
SABETHES purpureus Theobald	---; ---; 329	Lassalle	1916
URANOTAENIA nataliae Lynch	Pools with organic matter; ---; 53	Lane	1936
Arribálzaga	Flooded savannahs; ---; 130	Floch & Abonnenc	1947 +

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

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	DISTRIBUTION
AEDES					
aegypti Linnaeus	Dengue				24 + 240 82 328 237
			Filariasis		297
			Nocturnal filariasis		23
	Yellow fever				24 + (Floch & Abonnenc 1945) 53 82 (Patino-Camargo 1940) 237 (Carter 1924) 240 (Carter 1924) 328 (Ortiz 1944)
argenteus Poiret	Yellow fever				85
fasciatus Fabricius	Yellow fever Dengue				204
leucocelaenus Dyar & Shannon	Yellow fever				53 328
scapularis (Rondani)			Nocturnal filariasis		53
	Yellow fever				84 204
serratus (Theobald)	Yellow fever				204
taeniorhynchus (Wiedemann)	Yellow fever				204
terrens (Walker)	Yellow fever				204
triseriatus (Say)	Yellow fever				204

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	DISTRIBUTION
ANOPHELES albimanus Wiedemann			Filariasis		223 (Woke 1947)
		Malaria		18	137
				19	138
				20	204
				21	223
				22	237
				53 +	238
				68	240
				82	262
				35	328
				99	329
				127	347
				128	
			Nocturnal filariasis		23
		Plasmodium falciparum			328 (Russell 1956
albitarsis Lynch-Arribalzaga		Malaria		53	329
				82	
albitarsis albitarsis Lynch-Arribalzaga		Malaria			27
albitarsis domesticus Galvao & Damasceno		Malaria			53
aquasalis Curry		Malaria		24	311
				53	329
				127	
argyritarsis Robineau-Desvoidy		Malaria		53	127
				82	204
		Plasmodium falciparum			328
aztecus Hoffmann		Malaria			204

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	DISTRIBUTION
ANOPHELES					
bellator Dyar & Knab		Malaria		53	329
cruzii Dyar & Knab		Malaria			53
cruzii *cruzii* Dyar & Knab		Malaria			53
darlingi Root			Filariasis		129 (Giglioli 1948)
		Malaria		51	129 (Russell 1956)
				53	130 +
				82	138
				99	328
				128	
			Nocturnal filariasis		53 (Manson-Bahr 1959)
					129
		Plasmodium falciparum			328 (Russell 1956)
grabhami Theobald		Malaria			19
hectoris Giaquito-Mira		Malaria			128
kerteszia *aquasalis*			Nocturnal filariasis		53
kerteszia *bellator*			Nocturnal filariasis		53
noroestensis Galvao & Lane		Malaria			53 +
occidentalis Dyar & Knab		Malaria			204
oswaldoi *guarujaensis* Ramos		Malaria			53

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	DISTRIBUTION	
ANOPHELES						
oswaldoi oswaldoi (Peryassu)		Malaria			53	
pseudopunctipennis Theobald		Malaria			24	223
					27	237
					51	238
					75	239
					82	240
					99	262
					128	328
					204	
pseudopunctipennis pseudopunctipennis Theobald		Malaria			27	204
pseudopunctipennis rivadeneirai Levi Castillo		Malaria				99
pseudopunctipennis willardi Vargas		Malaria				204
punctimacula Dyar & Knab		Malaria			82	237
					85	240
					99	
punctipennis (Say)		Malaria			204	328
quadrimaculatus Say		Malaria			204	237
tarsimaculatus Goeldi		Malaria			24	237
					53	238
			Nocturnal filariasis			53 (Manson-Bahr 1959)
triannulatus Neiva & Pinto		Malaria				237
vestitipennis Dyar & Knab		Malaria				21

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	DISTRIBUTION
CULEX					
fatigans Wiedemann			Filariasis		129
			Wuchereria bancrofti	53	328
				223	
habilitator Dyar & Knab			Nocturnal filariasis		23
pipiens Linnaeus	Yellow fever		*Wuchereria bancrofti*		204
pipiens fatigans Wiedemann			Nocturnal filariasis	23	129
				53	
quinquefasciatus Say			Filariasis	22	85
HAEMAGOGUS					
capricornii Lutz	Yellow fever			53	82
equinus Theobald	Yellow fever				204
spegazzinii Brèthes	Yellow fever			51	240
				53	328
				82	347
				99	
spegazzinii falco Kumm, Osorno-Mesa & Boshell-Manrique	Yellow fever			82	237
MANSONIA					
fasciolata (Lynch Arribalzaga)	Yellow fever				204
titillans (Walker)	Yellow fever				204
PSOROPHORA					
ferox (Humboldt)	Yellow fever				204

TABLE 2 - MOSQUITOES (conclusion)

SPECIES	DISEASE OR DISEASE ORGANISM: VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER	DISTRIBUTION
STEGOMYIA *fasciata* Fabricius	Yellow fever				99
THEOBALDIA *incidens* Thompson	Yellow fever				204
TRICHOPROSOPON *digitatum* *digitatum* (Rondani)			*Wuchereria bancrofti*		130 +
URANOTAENIA *sapphirina* (Osten-Sacken)		Malaria			24 +

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13 ABSTRACT

The occurrence of insects and other arthropods of medical importance in Latin America (used here to denote all of South and Middle America, including the West Indes), adjacent islands (Bermuda and the Falklands), and lands within the Antarctic Circle, is summarized on the basis of a compilation of almost 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 (1,251)

Part II: Arthropods other than mosquitoes: Black flies (275), Sand flies (204), Midges (178), Horse flies (1,115), Biting flies (3), Non-biting flies (24), Fleas (356), Bugs (70), Urticating and vesicating arthropods (25), Ticks (182), Mites (73), and Miscellaneous arthropods (35).

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