

List of anopheline species with published illustrations and/or descriptions of eggs (Diptera: Culicidae: Anophelinae)

John F. Reinert

Center for Medical, Agricultural and Veterinary Entomology (CMAVE), United States Department of Agriculture, Agricultural Research Service, 1600/1700 SW 23rd Drive, Gainesville, Florida 32608-1067, and collaborator Walter Reed Biosystematics Unit, National Museum of Natural History, Smithsonian Institution, Washington, D.C.
(e-mail: John.Reinert@ars.usda.gov)

Abstract

Species of the mosquito subfamily Anophelinae with published illustrations and/or morphological descriptions of the egg stage are listed with their literature citations. Species of the subfamily have the egg stage better known than those in most tribes of family Culicidae.

Key words: Diptera, Culicidae, Anophelinae, *Anopheles*, *Bironella*, *Brugella*, *Chagasia*, *Cellia*, *Kerteszia*, *Lophopodomyia*, *Nyssorhynchus*, *Stethomyia*, mosquito, eggs

Introduction

A listing of species with published illustrations and/or descriptions of eggs in the mosquito subfamily Anophelinae is provided below and includes literature citations. Many of the publications include descriptive information in addition to the illustrations of the egg, however, some descriptions are very brief. Descriptive information on eggs sometimes is included in keys. The identification of anopheline species, subspecies, varieties, races, synonyms, etc. utilized in the cited literature is reported in the following list. Qu & Zhu (2008) provided recent information on several species that had been synonymized or resurrected from synonymy. The latest listing of currently valid species and generic-level taxa reported in the Mosquito Taxonomic Inventory (<http://mosquito-taxonomic-inventory.info>, accessed 30 June 2010) was utilized.

Species of subfamily Anophelinae have the egg stage better known (illustrated and/or described) than most taxa in subfamily Culicinae.

The following list denotes illustrations (by 1) and descriptions (by 2) following the literature citation after each species. Reinert (2005) provided a listing of species of tribe Aedini with published descriptions and/or illustrations of eggs. Abbreviations of anopheline genera and subgenera follow Reinert (2009).

Species of genus *Anopheles* Meigen with the egg illustrated and/or described

- Anopheles (Anopheles) aitkenii* James: Christophers, 1933 (2); d'Abbrera, 1944 (1, 2); Reid, 1965 (2), 1968 (2).
- An. (Ano.) albotaeniatus* (Theobald): Walch & Walch-Sorgdrager, 1934 (1, 2); Reid, 1968 (1, 2).
- An. (Ano.) algeriensis* Theobald: Sergent & Sergent, 1903 (1, 2); Edwards, 1921 (1), 1932 (2); Séguy, 1924 (1); la Face, 1930 (1); Martini, 1931 (1); Marshall, 1938 (1); Bates, 1941 (2); Saliternik, 1942 (1); Aitken, 1953 (2), 1954 (2); Kramář, 1958 (2); Guy, 1959 (1, 2); Mohrig, 1969 (1); Mattingly, 1969a (1); Skierska, 1971 (1).
- An. (Ano.) annandalei* Prashad: Christophers & Barraud, 1931 (2); Christophers, 1933 (2).
- An. (Ano.) apicimacula* Dyar & Knab: Kumm, 1941 (1, 2); Levi-Castillo, 1945b (1), 1949 (1); Cova-Garcia, 1946 (1); Lane, 1953 (1, 2); Vargas & Martinez Palacios, 1956 (2); Cova-Garcia & Sutil Oramas, 1977 (1); Rodriguez *et al.*, 1996 (1, 2).
- An. (Ano.) argyropus* (Swellengrebel): Reid, 1953 (1, 2), 1968 (1, 2); Harrison, 1972 (2); Harrison & Scanlon, 1975 (2); Rao, 1984 (2); Das *et al.*, 1990 (1); Lu, 1997 (1).
- An. (Ano.) asiaticus* Leicester: Reid, 1968 (1, 2).
- An. (Ano.) atroparvus* van Thiel: Missiroli *et al.*, 1933 (1, 2, as *maculipennis* Meigen variety *atroparvus*); Hackett, 1934 (1, 2, as *maculipennis* subspecies *atroparvus*), 1935 (2, as *maculipennis* subspecies *atroparvus*), 1937 (2, as *maculipennis* variety *fallax* Roubaud); de Buck & Swellengrebel, 1934 (1, 2, as *maculipennis* variety *atroparvus*); Hackett & Missiroli, 1935 (1, 2, as *maculipennis* variety *atroparvus*); Roubaud & Treillard, 1936 (1, as *maculipennis* varieties *atroparvus* & *cambournaci* Roubaud & Treillard); Marshall, 1938 (1, as *maculipennis* variety *atroparvus*); Bates & Hackett, 1939 (2); Herms, 1939 (1, as *maculipennis* variety *atroparvus*); la Face *in* Bates *et al.*, 1949 (1, 2); Buonomini & Mariani, 1953 (2, as *labranchiae* Falleroni race *atroparvus*); Weyer, 1954 (1); Aitken, 1954 (2); Rioux, 1958 (1, as *atroparvus*, *cambournaci* & *fallax* Roubaud); Kramář, 1958 (1, 2); Foote & Cook, 1959 (1, as *labranchiae* subspecies *atroparvus*); Herms & James, 1961 (1, as *labranchiae* subspecies *atroparvus*); Russell *et al.*, 1963 (1, as *labranchiae* subspecies *atroparvus*); Hinton, 1968 (1, 2, as *labranchiae* subspecies *atroparvus*), 1981 (1, as *labranchiae* subspecies *atroparvus*); Mohrig, 1969 (1, as *labranchiae* subspecies *atroparvus*); Coluzzi, 1970 (1, 2); Skierska, 1971 (1, as *labranchiae* subspecies *atroparvus*); Gutsevich *et al.*, 1974 (1, 2, as *maculipennis* subspecies *atroparvus*); White, 1978 (2); Ramsdale & Snow, 1994 (1, 2); Stojanovich & Scott, 1995a (1, 2); Becker *et al.*, 2003 (1, 2).
- An. (Ano.) atropos* Dyar & Knab: Beyer, 1923 (1, 2); Vargas, 1950 (2); Buonomini & Mariani, 1953 (2); Linley, 1992 (1, 2).
- An. (Ano.) aztecus* Hoffmann: Hoffmann, 1935 (1, 2, as *maculipennis* Meigen subspecies *aztecus*); Vargas, 1941 (1, 2), 1950 (2); Aitken, 1945 (2, as *maculipennis* subspecies *aztecus*); Vargas & Martinez Palacios, 1950 (1), 1956 (1, 2); Buonomini & Mariani, 1953 (2, as *occidentalis* Dyar & Knab variety *aztecus*).
- An. (Ano.) baezai* Gater: Reid, 1968 (1, 2).
- An. (Ano.) bancroftii* Giles: Lee & Woodhill, 1944 (1, 2, as *bancroftii* subspecies *bancroftii*).
- An. (Ano.) barberi* Coquillett: Howard *et al.*, 1917 (2); Vargas, 1942b (1, 2); Vargas & Martinez Palacios, 1956 (2); Barr, 1958 (2).
- An. (Ano.) barbirostris* van der Wulp: Stephens & Christophers, 1902b (2); Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (2); Walch & Walch-Sorgdrager, 1934 (2, as

- barbirostris typicus*); Wu, 1936 (1, 2); Urbino, 1936 (1, 2, as *barbirostris* type 1 & variety); Mendoza, 1940 (2); d'Abbrera, 1944 (1, 2); Reid, 1962 (1, 2), 1968 (1, 2); Rao, 1984 (2); Lu, 1997 (1).
- An. (Ano.) barbumbrosus* Strickland & Chowdhury: Lu, 1997 (1).
- An. (Ano.) barianensis* James: Christophers, 1916 (1, 2), 1933 (2); Christophers & Barraud, 1931 (2).
- An. (Ano.) beklemishevi* Stegnii & Kabanova: Stegnii & Kabanova, 1976 (1, 2), 1978 (1, 2); White, 1978 (2); Korvenkontio *et al.*, 1979 (1, 2); Stojanovich & Scott, 1995a (1, 2); Dahl, 1997 (1); Gornostaeva & Danilov, 1999 (1, 2); Becker *et al.*, 2003 (1, 2).
- An. (Ano.) belenrae* Rueda: Rueda *et al.*, 2009 (1, 2).
- An. (Ano.) bengalensis* Puri: Reid, 1965 (1, 2), 1968 (1, 2).
- An. (Ano.) bradleyi* King: Vargas, 1941 (2, as *crucians* Weidemann variety *bradleyi*).
- An. (Ano.) brevipalpis* Roper: Strickland, 1915 (1, 2); Reid, 1968 (1, 2).
- An. (Ano.) campestris* Reid: Reid, 1962 (2), 1968 (2); Rao, 1984 (2).
- An. (Ano.) claviger* (Meigen): la Face, 1926 (1, 2); Marshall, 1938 (1); del Vecchio, 1939 (1, 2, as *claviger* variety *missiroli* del Vecchio); Bates, 1941 (2); Saliternik, 1942 (1); Aitken, 1953 (2), 1954 (2); Senevet & Andarelli, 1955a (1, 2, as *claviger* variety *missiroli*); Kramář, 1958 (1, 2); Guy, 1959 (1, 2, as *claviger* subspecies *missiroli*); Mohrig, 1969 (1); Dahl, 1997 (1); Gornostaeva & Danilov, 1999 (1, 2).
- An. (Ano.) collessi* Reid: Reid, 1963 (1, 2), 1968 (1, 2).
- An. (Ano.) concolor* Edwards: Vincke & Leleup, 1949 (1); Mattingly, 1971 (1).
- An. (Ano.) coustani* Laveran: de Meillon, 1936b (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2); Saliternik, 1942 (1); Doucet, 1951 (1, 2); Guy, 1959 (1, 2); Gillies & de Meillon, 1968 (1, 2); Coetzee, 1994b (2).
- An. (Ano.) crawfordi* Reid: Reid, 1953 (1, 2), 1968 (1, 2); Harrison, 1972 (2); Harrison & Scanlon, 1975 (2); Lu, 1997 (1).
- An. (Ano.) crucians* Wiedemann *s.l.*: Mitchell, 1907 (1, 2); Howard *et al.*, 1913 (1), 1917 (2); Ludlow, 1914 (1); Matheson, 1929 (1), 1944 (1); Bellamy & Repass, 1950 (1, 2).
- An. (Ano.) daciae* Linton, Nicolescu & Harbach: Nicolescu *et al.*, 2004 (1, 2).
- An. (Ano.) diluvialis* Reinert: Linley *et al.*, 1993b (1, 2, as *quadrimaculatus* Complex, species C1); Reinert *et al.*, 1997 (1, 2); Linley *et al.*, 1998 (1).
- An. (Ano.) donaldi* Reid: Reid, 1962 (1, 2), 1968 (1, 2).
- An. (Ano.) earlei* Vargas: Rozeboom, 1952 (1, 2); Buonomini & Mariani, 1953 (2); Frohne, 1956 (2?, as *earlei* ?); Barr, 1958 (1, 2).
- An. (Ano.) eiseni* Coquillett: Vargas, 1942a (1, 2); Correa, 1942 (1, 2), 1944 (2); Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1945b (1), 1949 (1); Cova-Garcia, 1946 (1); Freeborn, 1949 (2); Lane, 1953 (2); Vargas & Martinez Palacios, 1956 (2); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Ano.) engarensis* Kanda & Oguma: Kanda & Oguma, 1978 (2).
- An. (Ano.) fluminensis* Root: Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Lounibos *et al.*, 1997b (1, 2).
- An. (Ano.) franciscanus* McCracken: Vargas, 1941 (1, 2, as *pseudopunctipennis* Theobald varieties *franciscanus* & *boydi* Vargas); Rozeboom, 1942 (1, as *pseudopunctipennis* subspecies *franciscanus* & variety *boydi*); Aitken, 1945 (1, 2, as *pseudopunctipennis* subspecies *franciscanus* & variety *boydi*); Osorno-Mesa & Muñoz-Sarmiento, 1948 (1, 2, as *pseudopunctipennis* varieties *bifoliata* Osorno-Mesa & Muñoz-Sarmiento & *willardi*

- Vargas); Mann, 1950 (1, 2, as *pseudopunctipennis* subspecies *franciscanus*, *boydi* & *willardi*); Vargas & Martinez Palacios, 1950 (1, as *pseudopunctipennis* subspecies *willardi*), 1956 (1, 2, as *pseudopunctipennis* subspecies *willardi*); Herms & James, 1961 (1, as *pseudopunctipennis* subspecies *franciscanus*); Forattini, 1962 (1, as *pseudopunctipennis* subspecies *boydi*, *franciscanus* & *willardi*); Hinton, 1968 (1, 2, as *pseudopunctipennis* variety *willardi*); James & Harwood, 1969 (1, as *pseudopunctipennis* subspecies *franciscanus*).
- Ae. (Ano.) franciscoi* Reid: Reid, 1962 (1, 2).
- An. (Ano.) freeborni* Aitken: Aitken, 1939 (2, as *maculipennis* Meigen subspecies *freeborni*), 1945, (1, 2, as *maculipennis* subspecies *freeborni*); Vargas, 1941 (1, 2), 1950 (2); Buonomini & Mariani, 1953 (2, as *occidentalis* Dyar & Knab variety *freeborni*); Vargas & Martinez Palacios, 1956 (2); Herms & James, 1961 (1, 2); James & Harwood, 1969 (1, 2); Stoddard *et al.*, 1988 (2); Barr & Guptavanij, 1989 (2).
- An. (Ano.) freyi* Meng: Lu, 1997 (1)
- An. (Ano.) gabaldoni* Vargas: Vargas & Martinez Palacios, 1946 (1, 2), 1956 (2).
- An. (Ano.) georgianus* King: Bellamy & Repass, 1950 (1, 2).
- An. (Ano.) gigas gigas* Giles: Narayandas, 1954 (2).
- An. (Ano.) gigas refutans* Alcock: d'Abrera, 1944 (1, 2, as *gigas* Giles variety *refutans*); Narayandas, 1954 (2, as *gigas* form *refutans*); Reid, 1968 (1, 2, as *gigas* variety *refutans*).
- An. (Ano.) grabhamii* Theobald: Theobald, 1903 (1, 2).
- An. (Ano.) hailarensis* Xu & Luo: Xu & Luo, 1998 (1, 2).
- An. (Ano.) hectoris* Giaquinto-Mira: Vargas, 1941 (1, 2); Vargas & Martinez Palacios, 1942 (1, 2), 1946 (1), 1950 (1, 2), 1956 (2); Lane, 1953 (2).
- An. (Ano.) heiheensis* Ma: Ma, 1981 (2).
- An. (Ano.) hermsi* Barr & Guptavanij: Barr & Guptavanij, 1989 (2).
- An. (Ano.) hodgkini* Reid: Reid, 1962 (1, 2), 1968 (1, 2).
- An. (Ano.) hyrcanus* (Pallas): Edwards, 1921 (1); Martini, 1931 (1); Yamada, 1936 (2); Bates, 1941 (2); Saliternik, 1942 (1); d'Abrera, 1944 (1, 2); Aitken, 1954 (2); Kramář, 1958 (2); Guy, 1959 (1, 2); Su & Feng, 1975 (1); Lu, 1997 (1).
- An. (Ano.) implexus* (Theobald): Gibbins, 1933 (1, 2); Evans, 1938 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2).
- An. (Ano.) intermedius* (Peryassú): da Costa Lima, 1929 (1); Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Floch & Abonnenc, 1951 (1, 2); Forattini *et al.*, 1997a (1, 2).
- An. (Ano.) interruptus* Puri: Puri, 1929 (1, 2, as *annandalei* Prashad variety *interruptus*); Christophers, 1933 (2, as *annandalei* variety *interruptus*); d'Abrera, 1944 (2, as *annandalei* variety *interruptus*); Reid, 1968 (1, 2).
- An. (Ano.) inundatus* Reinert: Linley *et al.*, 1993b (1, 2, as *quadrimaculatus* Complex species C2); Reinert *et al.*, 1997 (1, 2); Linley *et al.*, 1998 (1).
- An. (Ano.) kleini* Rueda: Rueda *et al.*, 2009 (1, 2).
- An. (Ano.) koreicus* Yamada & Watanabe: Yamada, 1936 (1, 2, as *koreicus* & *edwardsi* Yamada), 1937 (2, as *koreicus* & *edwardsi*); Otsuru & Miyagawa, 1950 (2, as *koreicus* & *edwardsi*); Otsuru & Ohmori, 1960 (2); Rueda *et al.*, 2009 (1, 2).
- An. (Ano.) kweiyangensis* Yao & Wu: Yao & Wu, 1944 (1); Xu & Feng, 1975 (1); Kang *et al.*, 1984 (2); Lu, 1997 (1).

- An. (Ano.) labranchiae* Falleroni: Falleroni, 1926 (1, as *claviger* (Meigen) variety *labranchiae*); Hackett *et al.*, 1932 (1, 2, as *maculipennis* Meigen race *labranchiae*); Missiroli *et al.*, 1933 (1, as *maculipennis* variety *labranchiae*); Hackett, 1934 (1, 2, as *maculipennis* subspecies *labranchiae*), 1937 (2, as *labranchiae* & *maculipennis* varieties *pergusae* Missiroli & *labranchiae*); de Buck & Swellengrebel, 1934 (1, 2, as *maculipennis* variety *labranchiae*); Marshall, 1935 (1, 2, as *maculipennis* variety *labranchiae*); Hackett & Missiroli, 1935 (1, 2, as *maculipennis* variety *labranchiae*); Bates & Hackett, 1939 (2); Herms, 1939 (1, as *maculipennis* variety *labranchiae*); Buonomini & Mariani, 1946 (2), 1953 (2, as *labranchiae* & variety *sicaulti* Roubaud); la Face *in* Bates *et al.*, 1949 (1, 2); Vargas, 1950 (2); Aitken, 1953 (2, as *labranchiae* subspecies *labranchiae*), 1954 (2); Weyer, 1954 (1); Kramář, 1958 (1, 2); Guy, 1959 (1, 2, as *maculipennis* subspecies *labranchiae* & form *sicaulti*); Foote & Cook, 1959 (1, as *labranchiae* subspecies *labranchiae* & *maculipennis* subspecies *sicaulti*); Herms & James, 1961 (1); Russell *et al.*, 1963 (1, as *labranchiae* subspecies *labranchiae*); Coluzzi, 1970 (1, 2); Gutsevich *et al.*, 1974 (1, 2, as *maculipennis* subspecies *labranchiae*); Becker *et al.*, 2003 (1, 2).
- An. (Ano.) lesteri* Baisas & Hu: Baisas & Hu, 1936 (1, 2, as *hyrcanus* (Pallas) variety *lesteri*); Miyazaki, 1951 (1, 2); Reid, 1953 (1, 2); Ohmori, 1957 (1); Otsuru & Ohmori, 1960 (1, 2); Harrison, 1972 (2, as *lesteri* subspecies *lesteri*); Xu & Feng, 1975 (1, as *kiangsuensis* Xu & Feng & *lesteri* subspecies *anthropophagus* Xu & Feng); Harrison & Scanlon, 1975 (2, as *lesteri* subspecies *lesteri*); Otsuru *et al.*, 1976 (2); Xu *et al.*, 1981 (1, 2, as *lesteri* subspecies *anthropophagus*); Ma, 1981 (1, 2, as *dazhais* Ma); Lu, 1997 (1, as *anthropophagus*), 1999 (1, as *anthropophagus*); Rueda *et al.*, 2005 (1, 2).
- An. (Ano.) letifer* Sandosham: Reid, 1968 (1, 2).
- An. (Ano.) liangshanensis* Kang, Tan, Cao, Cheng, Yang & Huang: Kang *et al.*, 1984 (1, 2); Dong & Wang, 1985 (1, 2, as *kunmingensis* Dong & Wang); Lu, 1997 (1, as *liangshanensis* & *kunmingensis*).
- An. (Ano.) lindesayi japonicus* S. Yamada: Yamada, 1937 (2); Otsuru & Miyagawa, 1950 (2, as *lindesayi* Giles variety *japonicus*); Tajima, 1952 (1, as *lindesayi* variety *japonicus*); Otsuru & Ohmori, 1960 (2); Rueda *et al.*, 2009 (1, 2).
- An. (Ano.) lindesayi lindesayi* Giles: Christophers & Barraud, 1931 (1, 2, as *lindesayi*); Christophers, 1933 (1, 2); Wu, 1936 (1, 2); Reid, 1968 (1, 2).
- An. (Ano.) maculipennis* Meigen: Nuttall & Shipley, 1901 (1); Theobald, 1901 (1); Howard, 1904 (1); Blanchard, 1905 (1); Mitchell, 1907 (1, 2); Ludlow, 1914 (1); MacGregor, 1921 (1, 2); Martini, 1921 (1), 1931 (1); Edwards, 1921 (1); Séguy, 1924 (1); la Face, 1931 (2); Herms & Frost, 1932 (1, 2); de Buck *et al.*, 1932 (1, 2); Missiroli *et al.*, 1933 (1, 2, as *maculipennis* subspecies *maculipennis*); Hackett, 1934 (1, 2, as *maculipennis typicus* Hackett & Missiroli), 1935 (2, as *maculipennis typicus*); de Buck & Swellengrebel, 1934 (1, 2, as *maculipennis* variety *typicus*); Hackett & Missiroli, 1935 (1, 2, as *maculipennis* type); Hoffmann, 1935 (1, 2); Dampf, 1936 (1); Wu, 1936 (1, 2); Rice & Barber, 1937 (2, as *maculipennis* variety *typicus*); Marshall, 1938 (1, as *maculipennis typicus*); Bates & Hackett, 1939 (2, as *maculipennis typicus*); Herms, 1939 (1, as *maculipennis* variety *maculipennis*); Shannon & Hadjinicalao, 1941 (2, as *maculipennis* variety *typicus*); Bates, 1941 (2); Peus, 1942 (1); Buonomini & Mariani, 1946 (2), 1953 (2); Leeson & Buxton, 1949 (1); la Face *in* Bates *et al.*, 1949 (1, 2, as *maculipennis typicus*); Vargas, 1950 (2); Aitken, 1954 (2); Foote, 1954 (1, 2, as *maculipennis* subspecies *maculipennis*); Kramář, 1958 (1, 2); Foote & Cook, 1959 (1, as *maculipennis* subspecies *maculipennis*);

- Herms & James, 1961 (1, as *maculipennis* subspecies *maculipennis*); Russell *et al.*, 1963 (1, as *maculipennis* subspecies *maculipennis*); Mohrig, 1969 (1); James & Harwood, 1969 (1); Mattingly, 1969a (1), 1969b (1), 1971 (1); Gutsevich *et al.*, 1974 (1, 2, as *maculipennis* subspecies *maculipennis*); Stegnii & Kabanova, 1978 (1, 2); White, 1978 (2); Stoddard *et al.*, 1988 (2, as *maculipennis* complex species); Ramsdale & Snow, 1994 (1, 2); Stojanovich & Scott, 1995a (1, 2), 1995b (1, 2); Dahl, 1997 (1); Gornostaeva & Danilov, 1999 (1, 2); Linton *et al.*, 2003 (2); Becker *et al.*, 2003 (1, 2).
- An. (Ano.) maculipes* (Theobald): Theobald, 1910 (1); Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2).
- An. (Ano.) manalangi* Mendoza: Urbino, 1936 (1, 2, as *barbistrotris* van der Wulp type 2); Mendoza, 1940 (2); Reid, 1962 (1, 2); Baisas, 1974 (1, 2).
- An. (Ano.) marteri* Senevet & Prunelle: Hadjinicolaou, 1938 (1, 2); Bates, 1941 (2); Aitken, 1953 (2), 1954 (2); Senevet & Andarelli, 1955b (2); Guy, 1959 (1, 2).
- An. (Ano.) martinius* Shingarev: White, 1978 (2).
- An. (Ano.) mottogrossensis* Lutz & Neiva: Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Cova-Garcia & Sutil Oramas, 1977 (1); Linley & Miltstrey, 1995 (1, 2).
- An. (Ano.) maverlius* Reinert: Linley *et al.*, 1993b (1, 2, as *quadrimaculatus* Complex species D); Reinert *et al.*, 1997 (1, 2); Linley *et al.*, 1998 (1).
- An. (Ano.) mediopunctatus* Lutz: Bonne, 1923 (1, 2); Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1945b (1), 1949 (1); Cova-Garcia, 1946 (1); Freeborn, 1949 (2); Floch & Abonnenc, 1951 (2); Lane, 1953 (1, 2); Forattini, 1962 (1); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Ano.) melanoon* Hackett: Hackett, 1934 (1, 2, as *maculipennis* Meigen subspecies *melanoon*), 1935 (2, as *maculipennis* varieties *melanoon* & *subalpinus* Hackett & Lewis), 1937 (2, as *maculipennis* varieties *melanoon* & *subalpinus*); Hackett & Lewis, 1935 (1, 2, as *maculipennis* variety *melanoon* & *maculipennis* variety *subalpinus* Hackett & Lewis); Hackett & Missiroli, 1935 (1, 2, as *maculipennis* variety *melanoon*); Marshall, 1938 (1, as *maculipennis* variety *melanoon*); Herms, 1939 (1, as *maculipennis* variety *melanoon*); Bates & Hackett, 1939 (2, as *melanoon* & *subalpinus*); Shannon & Hadjinalao, 1941 (2, as *maculipennis* variety *subalpinus*); Bates, 1941 (2, as *subalpinus*); la Face *in* Bates *et al.*, 1949 (1, 2, as *melanoon* & subspecies *subalpinus*); Vargas, 1950 (2, as *melanoon* & *subalpinus*); Buonomini & Mariani, 1953 (2, as *maculipennis* varieties *melanoon* & *subalpinus*); Aitken, 1953 (2, as *melanoon* subspecies *melanoon*), 1954 (2); Weyer, 1954 (1, as *melanoon* & *subalpinus*); Foote & Cook, 1959 (1, as *melanoon* subspecies *melanoon* & *subalpinus*); Herms & James, 1961 (1, as *maculipennis* variety *melanoon*); Gutsevich *et al.*, 1974 (1, 2, as *maculipennis* subspecies *melanoon*); White, 1978 (2); Becker *et al.*, 2003 (1, 2, as *melanoon* & *subalpinus*).
- An. (Ano.) messeae* Falleroni: Falleroni, 1926 (1, as *claviger* (Meigen) variety *messeae*); Hackett *et al.*, 1932 (1, as *maculipennis* Meigen race *messeae*); Missiroli *et al.*, 1933 (1, 2, as *maculipennis* variety *messeae*); de Buck & Swellengrebel, 1934 (1, 2, as *maculipennis* variety *messeae*); Hackett, 1934 (1, 2, as *maculipennis* variety *messeae*); Hackett & Lewis, 1935 (1, 2, as *maculipennis* variety *messeae*); Hackett & Missiroli, 1935 (1, 2, as *maculipennis* variety *messeae*); Rice & Barber, 1937 (2, as *maculipennis* variety *messeae*); Marshall, 1938 (1, as *maculipennis* variety *messeae*); Herms, 1939 (1, as *maculipennis* variety *messeae*); Bates & Hackett, 1939 (2); Bates, 1941 (2); la Face *in* Bates *et al.*, 1949 (1, 2); Vargas, 1950 (2); Buonomini & Mariani, 1953 (2, as

- maculipennis* race *messeae*); Weyer, 1954 (1); Aitken, 1954 (2); Kramář, 1958 (1, 2); Foote & Cook, 1959 (1); Herms & James, 1961 (1, as *maculipennis* subspecies *messeae*); Mohrig, 1969 (1, as *messeae* subspecies *messeae*); Ulmanen & Brummer-Korvenkontie, 1971 (1, 2, as *messeae* subspecies *messeae*); Skierska, 1971 (1, as *maculipennis* subspecies *messeae*); Gutsevich *et al.*, 1974 (1, 2, as *maculipennis* subspecies *messeae*); Dahl, 1977 (1, 2), 1997 (1); White, 1978 (2); Korvenkontio *et al.*, 1979 (1, 2); Ramsdale & Snow, 1994 (1, 2); Russell *et al.*, 1963 (1, as *maculipennis* subspecies *messeae*); Stojanovich & Scott, 1995a (1, 2), 1995b (1, 2); Lu, 1997 (1); Gornostaeva & Danilov, 1999 (1, 2); Becker *et al.*, 2003 (1, 2); Nicolescu *et al.*, 2004 (1, 2).
- An. (Ano.) minor* da Costa Lima: Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2).
- An. (Ano.) montanus* Stanton & Wacker: Reid, 1968 (1, 2).
- An. (Ano.) namibiensis* Coetzee: Coetzee, 1984 (2).
- An. (Ano.) neomaculipalpus* Curry: Kumm, 1941 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Vargas & Martinez Palacios, 1956 (2); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Ano.) nigerrimus* Giles: Stephens & Christophers, 1902a (1, 2, as *hyrcanus* (Pallas) variety *nigerrimus*); Christophers & Barraud, 1931 (1, 2, as *hyrcanus* variety *nigerrimus* & *maculipalpis* variety *indiensis* Theobald); Christophers, 1933 (1, 2, as *hyrcanus* variety *nigerrimus*); Walch & Walch-Sorgdrager, 1934 (1, 2, as *hyrcanus typicus* variety *nigerrima*); Baisas & Hu, 1936 (1, 2, as *hyrcanus* variety *nigerrimus*); Urbino, 1936 (1, 2, as *hyrcanus* variety *nigerrimus*); Wu, 1936 (1, 2, as *hyrcanus* variety *nigerrimus*); Yamada, 1937 (2, as *hyrcanus* variety *nigerrimus*); d'Abbrera, 1944 (1, 2, as *hyrcanus* variety *nigerrimus*); Leeson & Buxton, 1949 (1, as *hyrcanus* variety *nigerrimus*); Reid, 1953 (1, 2, as *nigerrimus* & *indiensis*), 1968 (1, 2, as *nigerrimus* & *indiensis*); Mattingly, 1969a (1); Harrison, 1972 (2); Harrison & Scanlon, 1975 (2); Rao, 1984 (2); Linley *et al.*, 1995 (1, 2); Lu, 1997 (1).
- An. (Ano.) nitidus* Harrison, Scanlon & Reid: Harrison & Scanlon, 1975 (2); Rao, 1984 (2); Lu, 1997 (1).
- An. (Ano.) obscurus* (Grünberg): Evans, 1931 (1, 2), 1938 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Doucet, 1951 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Ano.) occidentalis* Dyar & Knab: Dampf, 1936 (1); Aitken, 1945 (2, as *maculipennis* Meigen subspecies *occidentalis*); Vargas, 1950 (2); Buonomini & Mariani, 1953 (2); Stoddard *et al.*, 1988 (2); Barr & Guptavanij, 1989 (2).
- An. (Ano.) paludis* Theobald: Gillies & de Meillon, 1968 (2).
- An. (Ano.) paraliae* Sandosham: Reid, 1968 (1, 2); Linley *et al.*, 1995 (1, 2).
- An. (Ano.) parapunctipennis guatemalensis* de León: Vargas, 1941 (1, 2); Freeborn, 1949 (2).
- An. (Ano.) parapunctipennis parapunctipennis* Martini: Vargas & Martinez Palacios, 1950 (1), 1956 (1, 2).
- An. (Ano.) paraliae* Sandosham: Reid, 1968 (1, 2); Harrison, 1972 (2, as *lesteri* Baisas & Hu subspecies *paraliae*); Harrison & Scanlon, 1975 (2, as *lesteri* subspecies *paraliae*).
- An. (Ano.) peditaeniatus* (Leicester): Reid, 1953 (1, 2), 1968 (1, 2); Harrison, 1972 (2); Baisas, 1974 (1, 2); Xu & Feng, 1975 (1); Harrison & Scanlon, 1975 (2); Rao, 1984 (2); Das *et al.*, 1990 (1); Linley *et al.*, 1995 (1, 2).
- An. (Ano.) perplexens* Ludlow: Bellamy, 1956 (1, 2); Linley & Kaiser, 1994 (1, 2).
- An. (Ano.) persiensis* Linton, Sedaghat & Harbach: Sedaghat *et al.*, 2003a (2), 2009 (1, 2).

- An. (Ano.) peryassui* Dyar & Knab: Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2, as *peryassui* & *lutzi* Cruz); Cova-Garcia & Sutil Oramas, 1977 (1); Linley & Lounibos, 1994 (1, 2); Linley *et al.*, 1998 (1).
- An. (Ano.) petragrani* del Vecchio: del Vecchio, 1939 (1, 2, as *claviger* (Meigen) variety *petragrani*); Senevet & Andarelli, 1955a (1, 2, as *claviger* variety *petragrani*); Guy, 1959 (1, 2, as *claviger* subspecies *petragrani*).
- An. (Ano.) plumbeus* Stephens: Eysell, 1912 (1, 2, as *nigripes* Staeger); Edwards, 1921 (1); Martini, 1921 (1, as *nigripes*), 1930 (1, as *nigripes*); MacGregor, 1921 (1, 2); Séguay, 1924 (1), 1925 (1); Marshall, 1938 (1); Bates, 1941 (2); Aitken, 1953 (2), 1954 (2); Foote, 1954 (1, 2); Senevet & Andarelli, 1955b (2); Kramář, 1958 (1, 2); Guy, 1959 (1, 2); Foote & Cook, 1959 (1); Mattingly, 1969a (1), 1971 (1); Skierska, 1971 (1); Dahl, 1997 (1).
- An. (Ano.) pollicaris* Reid: Reid, 1962 (1, 2), 1968 (1, 2).
- An. (Ano.) pseudobarbirostris* Ludlow: Urbino, 1936 (1, 2); Baisas, 1974 (1).
- An. (Ano.) pseudopictus* Grassi: Rioux, 1958 (1, as *hyrcanus* subspecies *pseudopictus*);
- An. (Ano.) pseudopunctipennis* Theobald: Herms & Frost, 1932 (1, 2); Rozeboom, 1937b (1, 2), 1942 (1, 2, as *pseudopunctipennis typicus*); del Ponte, 1939 (1); Herms, 1939 (1); Vargas, 1941 (1, 2, as *pseudopunctipennis* variety *typicus*); Kumm, 1941 (1, 2); Levi-Castillo, 1949 (1, as *pseudopunctipennis* variety *typicus*); Aitken, 1945 (1, 2); Cova-Garcia, 1946 (1); Osorno-Mesa & Muñoz-Sarmiento, 1948 (1, 2, as *pseudopunctipennis* varieties *bifoliata* Osorno-Mesa & Muñoz-Sarmiento & *typicus*); Hinton, 1981 (1); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Ano.) pseudopunctipennis levicastilloi* Levi-Castillo: Levi-Castillo, 1944 (1, 2, as *pseudopunctipennis* Theobald variety *levicastilloi*), 1945a (1, 2, as *pseudopunctipennis* variety *levi-castilloi* [sic]), 1945b (1, as *pseudopunctipennis* variety *levicastilloi*), 1949 (1, as *pseudopunctipennis* varieties *typicus* & *levicastilloi*).
- An. (Ano.) pseudopunctipennis neghmei* Mann: Mann, 1950 (1, 2, as *pseudopunctipennis* Theobald subspecies *neghmei*); Forattini, 1962 (1, as *pseudopunctipennis* subspecies *neghmei*).
- An. (Ano.) pseudopunctipennis noei* Mann: Mann, 1950 (1, 2, as *pseudopunctipennis* Theobald subspecies *noei*); Forattini, 1962 (1, as *pseudopunctipennis* subspecies *noei*).
- An. (Ano.) pseudopunctipennis patersoni* Alvarado & Heredia: Alvarado & Heredia, 1947 (1, 2, as *pseudopunctipennis* Theobald variety *patersoni*); Mann, 1950 (1, 2, as *pseudopunctipennis* subspecies *patersoni*); Forattini, 1962 (1, as *pseudopunctipennis* subspecies *patersoni*).
- An. (Ano.) pseudopunctipennis pseudopunctipennis* Theobald: Levi-Castillo, 1944 (1, 2, as *pseudopunctipennis* Theobald variety *pseudopunctipennis*); Mann, 1950 (1, 2, as *pseudopunctipennis* subspecies *pseudopunctipennis*); Vargas & Palacios, 1950 (1, as *pseudopunctipennis* subspecies *pseudopunctipennis*), 1956 (1, 2, as *pseudopunctipennis* subspecies *pseudopunctipennis*); Lane, 1953 (1, 2); Forattini, 1962 (1, as *pseudopunctipennis* subspecies *pseudopunctipennis*).
- An. (Ano.) pseudopunctipennis rivadeneirai* Levi-Castillo: Levi-Castillo, 1945b (1, 2, as *pseudopunctipennis* Theobald variety *rivadeneirai*), 1949 (1, as *pseudopunctipennis* variety *rivadeneirai*).

- An. (Ano.) pseudosinensis* Baisas: Baisas & Hu, 1936 (1, 2, as *hyrcanus* (Pallas) variety *pseudosinensis*); Yamada, 1937 (2, as *hyrcanus* variety *pseudosinensis*); Harrison, 1972 (2); Harrison & Scanlon, 1975 (2).
- An. (Ano.) pullus* M. Yamada: Yamada, 1937 (1, 2); Rueda *et al.*, 2009 (1, 2).
- An. (Ano.) punctimacula* Dyar & Knab: Kumm, 1941 (1, 2, as *punctimacula* types A, B & intermediate); Correa, 1942 (1); Levi-Castillo, 1945b (1, as *punctimacula* types A & B), 1949 (1); Cova-Garcia, 1946 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Vargas & Martinez Palacios, 1956 (2); Cova-Garcia & Sutil Oramas, 1977 (1); Rodriguez *et al.*, 2002 (1, 2).
- An. (Ano.) punctipennis* (Say): Mitchell, 1907 (1, 2); Howard *et al.*, 1913 (1), 1917 (2); Smith, 1914 (1, 2); Matheson, 1929 (1), 1944 (2); Herms & Frost, 1932 (1, 2); Herms, 1939 (1); Lawlor, 1940 (2); Vargas, 1941 (2); Aitken, 1945 (1, 2); Newkirk, 1955 (2); Bellamy, 1956 (1, 2); Vargas & Martinez Palacios, 1956 (2); Barr, 1958 (1, 2); Herms & James, 1961 (1, 2); Fritz & Washino, 1992 (1); Linley & Kaiser, 1994 (1, 2).
- An. (Ano.) pursati* Laveran: Reid, 1963 (1, 2), 1968 (1, 2); Harrison, 1972 (2); Harrison & Scanlon, 1975 (2); Dang *et al.*, 2007 (2).
- An. (Ano.) quadrimaculatus* Say *s.s.*: Linley *et al.*, 1993b (1, 2, as *quadrimaculatus* Complex species A); Reinert *et al.*, 1997 (1, 2); Linley *et al.*, 1998 (1).
- An. (Ano.) quadrimaculatus* Say *s.l.*: Howard, 1900a (1, 2), 1900b (1); Howard *et al.*, 1913 (1), 1917 (2); Root, 1929 (1); Matheson, 1929 (1), 1944 (2); King *et al.*, 1939 (1), 1944 (1); Vargas, 1941 (2), 1950 (2); Ross & Roberts, 1943 (1); Ross, 1947 (2); Buonomini & Mariani, 1953 (2); Newkirk, 1955 (2); Vargas & Martinez Palacios, 1956 (2); Barr, 1958 (1, 2); Hinton, 1968 (1, 2, as *quadrimaculatus s.l.*), 1981 (1).
- An. (Ano.) roperi* Reid: Reid, 1968 (1, 2).
- An. (Ano.) sacharovi* Favre: Edwards, 1921 (1, as *elutus* Edwards); Theodor, 1925 (1, 2, as *elutus*); Falleroni, 1926 (1, as *elutus*); Martini, 1930 (1, as *sacharovi*, *elutus* & *elutus* variety *elutior* Martini); Hackett *et al.*, 1932 (1, as *maculipennis* Meigen subspecies *elutus*); Missiroli *et al.*, 1933 (1, as *maculipennis* variety *elutus*); Hackett, 1934 (1, 2, as *maculipennis* subspecies *elutus*); Hackett & Missiroli, 1935 (1, 2, as *maculipennis* variety *elutus*); Wu, 1936 (1, 2); Marshall, 1938 (1, as *maculipennis* variety *elutus*); Herms, 1939 (1, as *maculipennis* variety *elutus*); Bates & Hackett, 1939 (2); Bates, 1941 (2); Shannon & Hadjinalao, 1941 (2); Peus, 1942 (1); Saliternik, 1942 (1, 2, as *elutus*); Buonomini & Mariani, 1946 (2), 1953 (2); la Face *in* Bates *et al.*, 1949 (1, 2); Vargas, 1950 (2); Aitken, 1954 (2); Foote, 1954 (1, 2); Weyer, 1954 (1); Kramář, 1958 (1, 2); Guy, 1959 (1, 2, as *maculipennis* subspecies *sacharovi*); Foote & Cook, 1959 (1); Herms & James, 1961 (1); Russell *et al.*, 1963 (1); Gutsevich *et al.*, 1974 (1, 2, as *maculipennis* subspecies *sacharovi*); White, 1978 (2); Stojanovich & Scott, 1995b (1, 2); Mattingly, 1969a (1), 1971 (1); Lu, 1997 (1); Sedaghat *et al.*, 2003b (2); Becker *et al.*, 2003 (1, 2).
- An. (Ano.) sapersoi* Bohart & Ingram: Bohart & Ingram, 1946a (1, 2), 1946b (1, 2).
- An. (Ano.) separatus* (Leicester): Reid, 1968 (1, 2).
- An. (Ano.) shannoni* Davis: Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Lounibos *et al.*, 1997b (1, 2).
- An. (Ano.) sinensis* Wiedemann: Urbino, 1936 (1, 2, as *hyrcanus* (Pallas) variety *sinensis*); Baisas & Hu, 1936 (1, 2, as *hyrcanus* variety *sinensis*); Urbino, 1936 (1, 2, as *hyrcanus* variety *sinensis*); Wu, 1936 (1, 2, as *hyrcanus* variety *sinensis*); Yamada, 1936 (1, 2, as *hyrcanus* variety *sinensis*), 1937 (2, as *hyrcanus* variety *sinensis*); Otsuru & Miyagawa,

- 1950 (2, as *hyrcanus* variety *sinensis*); Miyazaki, 1951 (1, 2); Reid, 1953 (1, 2), 1968 (1, 2); Ohmori, 1957 (1); Otsuru & Ohmori, 1960 (1, 2); Ma, 1964 (1, 2, as *hyrcanus* subspecies *sinensis* types), 1966 (1, 2, as *hyrcanus* subspecies *sinensis* types), 1981 (2, as *changfus* Ma); Harrison, 1972 (2); Xu & Feng, 1975 (1); Harrison & Scanlon, 1975 (2); Otsuru *et al.*, 1976 (2); Xu *et al.*, 1981 (1, 2); Rao, 1984 (2); Kang *et al.*, 1984 (2); Dang & Wang, 1985 (2); Linley *et al.*, 1995 (1, 2); Lu, 1997 (1), 1999 (1); Xu & Luo, 1998 (2); Rueda *et al.*, 2009 (1, 2).
- An. (Ano.) sineroides* S. Yamada: Yamada, 1936 (1, 2), 1937 (2); Ohmori, 1957 (1); Otsuru & Ohmori, 1960 (1, 2); Xu *et al.*, 1981 (1, 2); Rueda *et al.*, 2009 (1, 2).
- An. (Ano.) smaragdinus* Reinert: Linley *et al.*, 1993b (1, 2, as *quadrinaculatus* Complex species B); Reinert *et al.*, 1997 (1, 2); Linley *et al.*, 1998 (1).
- An. (Ano.) tasmaniensis* Dobrotworsky: Dobrotworsky, 1966 (1).
- An. (Ano.) tenebrosus* Dönitz: de Meillon, 1936b (1, 2, as *coustani* Laveran variety *tenebrosus*), 1947 (1, 2, as *coustani* variety *tenebrosus*), 1949 (2, as *coustani* variety *tenebrosus*); Evans, 1938 (1, 2, as *coustani* subspecies *tenebrosus*); Gillies & de Meillon, 1968 (1, 2).
- An. (Ano.) umbrosus* (Theobald): Reid, 1968 (1, 2).
- An. (Ano.) vanus* Walker: Reid, 1962 (1?, 2), 1968 (1, 2); Baisas, 1974 (1, 2).
- An. (Ano.) vestitipennis* Dyar & Knab: Vargas, 1941 (1, 2); Kumm, 1941 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Vargas & Martinez Palacios, 1950 (1), 1956 (1, 2); Rodriguez *et al.*, 1999 (1, 2).
- An. (Ano.) vietnamensis* Nguyen, Tran & Nguyen: Nguyen *et al.*, 1993 (2); Dong *et al.*, 2007 (2).
- An. (Ano.) walkeri* Theobald: Matheson & Hurlbut, 1937 (1); Hurlbut, 1938 (1, 2); Vargas, 1941 (2), 1950 (2); Buonomini & Mariani, 1953 (2); Vargas & Martinez Palacios, 1956 (2); Barr, 1958 (1, 2); Mattingly, 1969a (1).
- An. (Ano.) xui* Dong, Zhou, Dong & Mao: Dong *et al.*, 2007 (1, 2).
- An. (Ano.) yatsushiroensis* Miyazaki: Miyazaki, 1951 (1, 2); Ohmori, 1957 (1); Otsuru & Ohmori, 1960 (1, 2); Xu & Feng, 1975 (1); Ma, 1981 (1, as *xiaokuanus* Ma); Lei, 1996 (1, 2, as *junlianensis* Lei & *yatsushiroensis*); Lu, 1997 (1).
- An. (Ano.) ziemanni* Grünberg: Gibbins, 1933 (1, 2); Evans, 1938 (1, 2, as *coustani* Laveran subspecies *ziemanni*); de Meillon, 1947 (1, 2, as *coustani* variety *ziemanni*), 1949 (2, as *coustani* variety *ziemanni*); Gillies & de Meillon, 1968 (1, 2).
- Anopheles (Cellia) aconitus* Dönitz: Christophers & Barraud, 1931 (1, 2); Christophers & Puri, 1931 (2); Christophers, 1933 (1, 2); Walch & Walch-Sorgdrager, 1934 (1, 2); Wu, 1936 (1, 2); d'Abrera, 1944 (2); Reid, 1968 (1, 2); Mattingly, 1969a (1); Harbach & Knight, 1978 (1), 1980 (1); Harrison, 1980 (2).
- An. (Cel.) amictus* Edwards: Lee & Woodhill, 1944 (1, 2, as *amictus* subspecies *amictus*); Mattingly, 1969a (1).
- An. (Cel.) annularis* van der Wulp: Stephens & Christophers, 1902a (1, 2, as *fuliginosus* Giles); Christophers & Barraud, 1931 (1, 2, as *fuliginosus*); Christophers, 1933 (1, 2); Walch & Walch-Sorgdrager, 1934 (1, 2); Urbino, 1936 (1, 2); Wu, 1936 (1, 2); Roy & Siddons, 1939 (1, 2); d'Abrera, 1944 (2); Reid, 1968 (1, 2).
- An. (Cel.) annulipes* Walker: Cooling, 1924 (1); Lee & Woodhill, 1944 (1, 2); Dobrotworsky, 1965 (1).
- An. (Cel.) apoci* Marsh: Pringle *et al.*, 1960 (1); Mattingly, 1971 (1).
- An. (Cel.) arabiensis* Patton: Patton, 1905 (1, 2); White, 1985 (2); Lounibos *et al.*, 1999 (1, 2).

- An. (Cel.) ardensis* (Theobald): de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) argenteolobatus* (Gough): de Meillon & Leeson, 1940 (1, 2); Edwards, 1941 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2); Gillies & Coetzee, 1987 (1, 2).
- An. (Cel.) aruni* Sobti: Sobti, 1968 (2).
- An. (Cel.) azevedoi* Ribeiro: Ribeiro, 1969 (1, 2); Abdulla-Khan *et al.*, 1998 (2).
- An. (Cel.) balabacensis* Baisas: Baisas & Ubaldo Pagayon, 1956 (1, 2); Colless, 1956 (2, as *leucosphyrus* Dönitz subspecies *balabacensis*); Reid, 1968 (1, 2).
- An. (Cel.) barberellus* Evans: Peters, 1955 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) bwambae* White: White, 1985 (1, 2); Lounibos *et al.*, 1999 (1, 2).
- An. (Cel.) caroni* Adam: Pajot & Adam, 1964 (1, 2); Gillies & de Meillon, 1968 (2); Mattingly, 1969a (1).
- An. (Cel.) christyi* (Newstead & Carter): Gibbins, 1933 (1, 2); Evans, 1938 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Doucet, 1951 (1, 2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) cinereus* Theobald: Patton, 1905 (1, 2, as *jehafi* Patton); de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1, 2), 1971 (1).
- An. (Cel.) cinereus hispaniola* (Theobald): Edwards, 1921 (1, as *hispaniola*); Séguy, 1924 (1, as *hispaniola*); Raffaele, 1928 (1, 2, as *italicus* Raffaele); Martini, 1931 (1); Sergent, 1937 (1, 2); Aitken, 1953 (2, as *hispaniola*), 1954 (2); Guy, 1959 (1, 2 as *hispaniola*).
- An. (Cel.) confusus* Evans & Leeson: Evans & Leeson, 1935 (1, 2, as *funestus* Giles variety *confusus*); Evans, 1938 (1, 2, as *funestus* variety *confusus*); de Meillon, 1947 (1, 2, as *funestus* variety *confusus*), 1949 (2, as *funestus* variety *confusus*); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) culicifacies* Giles: Stephens & Christophers, 1902b (1, 2); Theobald, 1903 (1); Christophers, 1911 (1, 2, as *listoni* Giles), 1933 (1, 2); Christophers & Barraud, 1931 (1, 2); Wu, 1936 (1, 2); Evans, 1938 (2, as *culicifacies* variety *adenensis* Christophers); d'Abbrera, 1944 (1, 2); Beidas & Gillies, 1980 (1, 2, as *culicifacies* subspecies *adenensis*); Harrison, 1980 (2).
- An. (Cel.) cydippis* de Meillon: Evans, 1938 (1, 2, as *squamosus* Theobald variety *cydippis*); de Meillon, 1947 (1, 2, as *squamosus* variety *cydippis*), 1949 (2, as *squamosus* variety *cydippis*); Doucet, 1951 (1, 2, as *squamosus* variety *cydippis*); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1, 2); Gillies & Coetzee, 1987 (1, 2).
- An. (Cel.) dancalicus* Corradetti: Mara, 1948 (1, 2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) demeilloni* Evans: de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) dirus* Peyton & Harrison *s.l.*: Damrongphol & Baimai, 1989 (1, 2, as *dirus* species A, B, C & D); Qu *et al.*, 1998 (1, 2, as *dirus* species A & D).
- An. (Cel.) dirus* Peyton & Harrison *s.s.*: Teng *et al.*, 1979 (1, 2, as *balabacensis* subspecies *balabacensis*).
- An. (Cel.) distinctus* (Newstead & Carter): de Meillon & Leeson, 1940 (1, 2); Edwards, 1941 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1).

- An. (Cel.) dravidicus* Christophers: Rattanarithikul & Green 1987 (1, 2).
- An. (Cel.) dthali* Patton: Patton, 1905 (1, 2); Theobald, 1910 (1); Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (2); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2); Ribeiro, 1969 (2); Mattingly, 1969a (1).
- An. (Cel.) durenii* Edwards: de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) elegans* (James): Colless, 1956 (2).
- An. (Cel.) erepens* Gillies: Gillies, 1958 (1, 2, as *wellcomei* Theobald subspecies *erepens*); Gillies & de Meillon, 1968 (1, 2, as *wellcomei* subspecies *erepens*).
- An. (Cel.) farauti* Laveran: Lee & Woodhill, 1944 (1, 2, as *punctulatus* Dönitz subspecies *moluccensis* Swellengrebel & Swellengrebel do Graaf); Rageau & Vervent, 1959 (1); Belkin, 1962 (2); Hinton, 1968 (1, 2), 1981 (1); Bryan, 1974 (1, 2, as *farauti* numbers 1 & 2).
- An. (Cel.) filipinae* Manalang: Urbino, 1936 (1, 2); Baisas, 1974 (1, 2).
- An. (Cel.) flavicosta* Edwards: Gillies & Coetzee, 1987 (1, 2).
- An. (Cel.) flavirostris* (Ludlow): Urbino, 1936 (1, 2, as *minimus* Theobald variety *flavirostris*); Baisas, 1974 (1).
- An. (Cel.) fluviatilis* James: Christophers, 1911 (1, 2, as *listonii* Liston), 1933 (1, 2); Christophers & Barraud, 1931 (1, 2, as *listonii*); Christophers & Puri, 1931 (2, as *listonii*).
- An. (Cel.) funestus* Giles: Gibbins, 1933 (1, 2); de Meillon, 1934 (1, 2), 1941 (1), 1949 (1, 2); Lewis, 1934 (2); Evans & Leeson, 1935 (1, 2, as type form); Evans, 1938 (1, 2); Doucet, 1951 (1, 2); Service, 1960 (1, 2); Gillies & de Meillon, 1968 (1, 2); Baisas, 1974 (1).
- An. (Cel.) fuscivenosus* Leeson: de Meillon, 1947 (1, 2, as *funestus* Giles variety *fuscivenosus*).
- An. (Cel.) gambiae* Giles: Edwards, 1921 (1, as *costalis* Giles); Martini, 1931 (1, as *costalis*); Gibbins, 1933 (1, 2); Lewis, 1934 (2); de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (1, 2); Evans, 1938 (1, 2); Pinto, 1939 (1, 2); Russell *et al.*, 1943 (1); Causey *et al.*, 1944 (1, 2, as *gambiae* & *minor* Holstein); Freeborn, 1949 (2); Doucet, 1951 (1, 2); Guy, 1959 (1, 2); Russell *et al.*, 1963 (1); Coluzzi, 1964 (1, 2, as *gambiae* A & B); Gillies & de Meillon, 1968 (1, 2); Hinton, 1968 (1, 2), 1981 (1); Mattingly, 1969a (1), 1971 (1); White, 1985 (2); Clements, 1992 (1); Sahlén, 1996 (1, 2); Lounibos *et al.*, 1999 (1, 2).
- An. (Cel.) garnhami* Edwards: Corradetti, 1940 (1, 2); Gillies & de Meillon, 1968 (1, 2, as *walshi* Evans & de Meillon).
- An. (Cel.) gibbinsi* Evans: Evans, 1935 (2, as *marshallii* Theobald variety *gibbinsi*), 1938 (1, 2, as *marshallii* variety *gibbinsi*); de Meillon, 1947 (1, 2, as *marshallii* variety *gibbinsi*), 1949 (2, as *marshallii* variety *gibbinsi*); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) hackeri* Edwards: Colless, 1956 (2); Reid, 1968 (2).
- An. (Cel.) hancocki* Edwards: Gibbins, 1933 (1, 2, as *theileri* Edwards variety *hancocki*); Evans, 1938 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Doucet, 1951 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) hargreavesi* Evans: Evans, 1931 (1, 2), 1938 (1); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) hilli* Woodhill & Lee: Woodhill & Lee, 1944 (1, 2, as *amictus* Edwards subspecies *hilli*).
- An. (Cel.) hughi* Lambert & Coetzee: Lambert & Coetzee, 1982 (1, 2); Gillies & Coetzee, 1987 (1, 2).

- An. (Cel.) indefinitus* (Ludlow): Urbino, 1936 (1, 2, as *subpictus* Grassi variety *indefinitus* types 1, 2 & 3); Reid, 1968 (1, 2); Baisas, 1974 (1, 2, as *subpictus* subspecies *indefinitus*); Suguna *et al.*, 1994 (2).
- An. (Cel.) jamesii* Theobald: Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (1, 2); Wu, 1936 (1, 2); d'Abrera, 1944 (1, 2); Reid, 1968 (1, 2).
- An. (Cel.) jeyporiensis* James: Theobald, 1903 (1); Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (1, 2); Wu, 1936 (1, 2); Harrison, 1980 (2).
- An. (Cel.) karwari* (James): Christophers, 1933 (2); Urbino, 1936 (1, 2); Wu, 1936 (2); d'Abrera, 1944 (1, 2); Reid, 1968 (1, 2); Mattingly, 1969 (1).
- An. (Cel.) keniensis* Evans: de Meillon, 1947 (2), 1949 (2); Gillies, 1955 (2); Gillies & de Meillon, 1968 (1).
- An. (Cel.) kochi* Dönitz: Stanton, 1914 (2); Christophers & Barraud, 1931 (2); Christophers, 1933 (2); Walch & Walch-Sorgdrager, 1934 (1, 2); Urbino, 1936 (1, 2); Wu, 1936 (2); Baisas & Ubaldo Pagayon, 1956 (1, 2); Reid, 1968 (1, 2).
- An. (Cel.) koliensis* Owen: Bryan, 1974 (2); Belkin, 1962 (2).
- An. (Cel.) kosiensis* Coetzee, Segerman & Hunt: Coetzee *et al.*, 1987 (1, 2).
- An. (Cel.) lesoni* Evans: de Meillon, 1934 (1, 2, as *funestus* Giles subspecies *lesoni*), 1941 (1), 1947 (1, 2), 1949 (2); Evans & Leeson, 1935 (1, 2); Evans, 1938 (1, 2); Gillies, 1955 (2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) letabensis* Lambert & Coetzee: Lambert & Coetzee, 1982 (1, 2); Gillies & Coetzee, 1987 (1, 2).
- An. (Cel.) leucosphyrus* Dönitz: Iyengar, 1938 (1, 2); d'Abrera, 1944 (2); Reid, 1968 (1, 2).
- An. (Cel.) limosus* King: Urbino, 1936 (1, 2, as *vagus* Dönitz variety *limosus*); Baisas, 1974 (1, 2, as *vagus* subspecies *limosus*).
- An. (Cel.) listeri* de Meillon: de Meillon, 1936a (1, 2), 1947 (2); Gillies & de Meillon, 1968 (2); Gillies & Coetzee, 1987 (1, 2); Abdulla-Khan *et al.*, 1998 (2).
- An. (Cel.) litoralis* King: Urbino, 1936 (1, 2).
- An. (Cel.) longipalpis* (Theobald): de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2); Gillies & de Meillon, 1968 (1).
- An. (Cel.) ludlowae* (Theobald): Strickland, 1914 (1); Urbino, 1936 (1, 2); Mattingly, 1969a (1, 2); Baisas, 1974 (1, 2).
- An. (Cel.) lungae* Belkin & Schlosser: Belkin, 1962 (2).
- An. (Cel.) machardy* Edwards: Gillies, 1955 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) maculatus* Theobald: Christophers, 1911 (1, 2), 1933 (1, 2); Christophers & Barraud, 1931 (1, 2); Walch & Walch-Sorgdrager, 1934 (2); Urbino, 1936 (1, 2); Wu, 1936 (1, 2); Roy & Siddons, 1939 (1, 2); d'Abrera, 1944 (2); Leeson & Buxton, 1949 (1); Reid, 1968 (1, 2); Mattingly, 1969a (1); Rattanarithikul & Green 1987 (1, 2).
- An. (Cel.) maculipalpis* Giles: Stephens & Christophers, 1902b (1, 2); Theobald, 1903 (1); Gillies & de Meillon, 1968 (2).
- An. (Cel.) mangyanus* (Banks): Urbino, 1936 (1, 2); Baisas, 1974 (1).
- An. (Cel.) marshallii* (Theobald): Gibbins, 1933 (1, 2, as *marshallii* & *transvaalensis* Carter); de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2, as *marshallii* & *marshallii* variety *pitchfordi* Giles); Doucet, 1951 (1, 2); Gillies & de Meillon, 1968 (1, 2); Lambert & Coetzee, 1982 (1, 2); Gillies & Coetzee, 1987 (1, 2).
- An. (Cel.) mascarensis* de Meillon: Coetzee, 1994a (1, 2).

- An. (Cel.) melas* Theobald: de Meillon, 1947 (1, 2, as *gambiae* Giles variety *melas*), 1949 (2, as *gambiae* variety *melas*); Doucet, 1951 (1, 2, as *gambiae* variety *melas*); Coluzzi, 1964 (1, 2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1); Hinton, 1981 (1); White, 1985 (1, 2); Lounibos *et al.*, 1999 (1, 2).
- An. (Cel.) meraukensis* Venhuis: Lee & Woodhill, 1944 (1, 2).
- An. (Cel.) merus* Dönitz: Coluzzi, 1964 (1, 2); Gillies & de Meillon, 1968 (2); Hinton, 1968 (1, 2), 1981 (1); White, 1985 (1, 2); Lounibos *et al.*, 1999 (1, 2).
- An. (Cel.) millecampsi* Lips: Gillies & de Meillon, 1968 (1).
- An. (Cel.) minimus* Theobald: Stephens & Christophers, 1902a (1, 2, as *christophersi* Theobald); Christophers & Barraud, 1931 (1?, 2?); Morishita, 1932 (1, 2); Christophers, 1933 (2); Wu, 1936 (1, 2); Reid, 1968 (1, 2); Harrison, 1980 (2); Lu, 1997 (1).
- An. (Cel.) moghulensis* Christophers: Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (1, 2).
- An. (Cel.) moucheti* Evans: Gibbins, 1933 (1, 2); Evans, 1938 (1, 2, as *moucheti* subspecies *nigeriensis* Evans); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) mousinhoi* de Meillon & Pereira: Hunt & Coetzee, 1992 (1, 2).
- An. (Cel.) multicolor* Cambouliu: Foley, 1912 (1); Edwards, 1921 (1); Séguy, 1924 (1, as *chaudoyei* Theobald); Christophers & Barraud, 1931 (2); Martini, 1931 (1); Christophers, 1933 (2); Evans, 1938 (2); Saliternik, 1942 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Guy, 1959 (1, 2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1, 2), 1971 (1).
- An. (Cel.) murphyi* Gillies & de Meillon: Gillies & de Meillon, 1968 (2); Mattingly, 1969a (1), 1971 (1).
- An. (Cel.) natalensis* (Hill & Haydon): Gillies & Coetzee, 1987 (1, 2).
- An. (Cel.) nili* (Theobald): Theobald, 1910 (1); Evans, 1938 (1, 2); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2); Ribeiro, 1969 (2); Mattingly, 1969a (1, 2), 1971 (1).
- An. (Cel.) notanandai* Rattanaarithikul & Green: Rattanaarithikul & Green, 1987 (1, 2).
- An. (Cel.) novaguinensis* Venhuis: Lee & Woodhill, 1944 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) pallidus* Theobald: Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (1, 2); d'Abbrera, 1944 (2).
- An. (Cel.) parensis* Gillies: Gillies, 1962 (2); Gillies & de Meillon, 1968 (2).
- An. (Cel.) pauliani* Grjebine: Coetzee, 1994a (1, 2).
- An. (Cel.) pharoensis* Theobald: Theodor, 1925 (1, 2); Martini, 1931 (1); Gibbins, 1933 (1, 2); Lewis, 1934 (2); Evans, 1938 (1, 2); Saliternik, 1942 (1); de Meillon, 1947 (1, 2), 1949 (2); Doucet, 1951 (1, 2); Senevet & Andarelli, 1955b (2); Guy, 1959 (1, 2); Gillies & de Meillon, 1968 (1, 2); Hinton, 1968 (1, 2), 1981 (1); Mattingly, 1969a (1).
- An. (Cel.) philippinensis* Ludlow: Christophers & Barraud, 1931 (2); Walch & Walch-Sorgdrager, 1934 (1, 2, as *annularis* van der Wulp variety *philippinensis*); Urbino, 1936 (1, 2); Roy & Siddons, 1939 (1, 2); Reid, 1968 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) pretoriensis* (Theobald): Patton, 1905 (1, 2, as *tibani* Patton); Theobald, 1910 (1, as *tibani*); de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2); Doucet, 1951 (1, 2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) pseudojamesi* Strickland & Chowdhury: Christophers & Barraud, 1931 (1, 2, as *ramsayi* Covell); Christophers, 1933 (1, 2, as *ramsayi*); d'Abbrera, 1944 (2, as *ramsayi*); Reid, 1968 (1, 2, as *ramsayi*).

- An. (Cel.) pseudowillmori* (Theobald): Rattanarithikul & Green, 1987 (1, 2).
- An. (Cel.) pulcherrimus* Theobald: Stephens & Christophers, 1902b (1, 2); Theobald, 1903 (1); Edwards, 1921 (1); Christophers & Barraud, 1931 (1, 2); Martini, 1931 (1); Christophers, 1933 (1, 2); Wu, 1936 (1, 2).
- An. (Cel.) punctulatus* Dönitz: Walch & Walch-Sorgdrager, 1934 (1, 2, as *punctulatus typicus*); Belkin, 1962 (2); Bryan, 1974 (2).
- An. (Cel.) quadriannulatus* Theobald: White, 1985 (2); Lounibos *et al.*, 1999 (1, 2).
- An. (Cel.) rageaui* Mattingly & Adam: Adam & Mattingly, 1956 (1, 2, as *smithi* Theobald variety *rageaui* Mattingly & Adam).
- An. (Cel.) rhodesiensis rhodesiensis* Theobald: Edwards, 1921 (1); Martini, 1931 (1); Gillies, 1955 (2); Guy, 1959 (1, 2).
- An. (Cel.) rhodesiensis rupicolus* Lewis: Salem, 1938 (1, 2, as *aegypti* Salem); Edwards, 1941 (1, as *rupicolus*); de Meillon, 1947 (1, 2).
- An. (Cel.) rivulorum* Leeson: Evans, 1938 (1, 2, as *rivulorum* variety *garnhamellus* Evans & Leeson); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) rufipes* (Gough): de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Lewis, 1934 (1, 2); Evans, 1938 (1, 2); Doucet, 1951 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) sawadwongporni* Rattanarithikul & Green: Rattanarithikul & Green, 1987 (1, 2).
- An. (Cel.) schwetzi* Evans: de Meillon, 1947 (1, 2, as *michaeli* de Meillon & Leeson), 1949 (2, as *michaeli*); Gillies & de Meillon, 1968 (2).
- An. (Cel.) seretsei* Abdulla-Khan, Coetzee & Hunt: Abdulla-Khan *et al.*, 1998 (1, 2).
- An. (Cel.) sergentii* Theobald: Theodor, 1925 (1, 2); Christophers & Barraud, 1931 (2); Martini, 1931 (1); Christophers, 1933 (2); Saliternik, 1942 (1, 2), 1955 (1, 2).
- An. (Cel.) seydeli* Edwards: Gillies, 1955 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) smithii* Theobald: Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) solomonsis* Belkin, Knight & Rozeboom: Belkin, 1962 (2).
- An. (Cel.) splendidus* Koidzumi: Christophers, 1933 (1, 2); Wu, 1936 (1, 2); Harrison, 1972 (2, as *indensis* Theobald); Gupta & Chaudhry, 2005 (1, 2).
- An. (Cel.) squamosus* Theobald: Newstead & Carter, 1911 (1, 2, as *squamosa* variety *arnoldi* Stephens & Christophers); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1).
- An. (Cel.) stephensi* Liston: Stephens & Christophers, 1902b (1, 2); Theobald, 1903 (1); Edwards, 1921 (1); Christophers & Barraud, 1931 (1, 2); Martini, 1931 (1); Christophers, 1933 (1, 2); Sweet & Rao, 1937 (2); Rao *et al.*, 1938 (1, 2, as *stephensi* type & variety *mysorensis* Sweet & Rao); Hinton, 1968 (1, 2), 1981 (1); Mattingly, 1969b (1).
- An. (Cel.) subpictus* Grassi: Stephens & Christophers, 1902a (1, 2), 1902b (1, 2); Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (1, 2); Walch & Walch-Sorgdrager, 1934 (2), 1935 (1); Wu, 1936 (1, 2); Saliternik, 1942 (1, 2); d'Abrera, 1944 (2); Leeson & Buxton, 1949 (1); Weyer, 1954 (1); Reid, 1968 (1, 2).
- An. (Cel.) subpictus* Grassi *s.l.*: Reuben & Suguna, 1983 (1, 2, as *subpictus* species A & B, *subpictus* other forms); Das *et al.*, 1990 (1, as *subpictus* species A & B); Suguna *et al.*, 1994 (1, 2, as *subpictus* species A, B, C & D).
- An. (Cel.) sundaicus* (Rodenwaldt): Christophers & Barraud, 1931 (1, 2, as *ludlowii* (Theobald) variety *sundaicus*); Martini, 1931 (1); Christophers, 1933 (1, 2); Walch & Walch-Sorgdrager, 1934 (1, 2, as *ludlowii* variety *sundaica*); Hinton, 1968 (1, 2), 1981 (1); Reid, 1968 (1, 2); Suguna *et al.*, 1994 (2).

- An. (Cel.) superpictus* Grassi: Theodor, 1925 (1, 2); Christophers & Barraud, 1931 (2); Christophers, 1933 (1, 2); Shannon & Hadjinalao, 1941 (2); Bates, 1941 (2); Saliternik, 1942 (1, 2); Peus, 1954 (1, as *hellenicus* Peus); Aitken, 1954 (2); Mattingly, 1969a (1).
- An. (Cel.) tessellatus* Theobald: Stanton, 1913 (1, 2), 1926 (1); Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (1, 2); Walch & Walch-Sorgdrager, 1934 (1, 2, as *punctulatus* Dönitz subspecies *tesselatus* [sic]); Urbino, 1936 (1, 2); Wu, 1936 (1, 2); d'Abbrera, 1944 (2); Baisas & Ubaldo Pagayon, 1956 (1, 2); Reid, 1968 (1, 2).
- An. (Cel.) theileri* Edwards: de Meillon, 1934 (1, 2), 1947 (1, 2), 1949 (2); Evans, 1938 (1, 2); Doucet, 1951 (1, 2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) theobaldi* Giles: Stephens & Christophers, 1902b (2); Christophers & Barraud, 1931 (2).
- An. (Cel.) turkhudi* Liston: Stephens & Christophers, 1902b (1, 2); Theobald, 1903 (1); Howard *et al.*, 1913 (2); Edwards, 1921 (1); Christophers & Barraud, 1931 (1, 2); Martini, 1931 (1); Christophers, 1933 (1, 2); Evans, 1938 (2); de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1).
- An. (Cel.) vagus* Dönitz: de Vogel, 1907 (1, 2); Christophers & Barraud, 1931 (1, 2); Christophers, 1933 (1, 2); Walch & Walch-Sorgdrager, 1934 (2); Wu, 1936 (1, 2); d'Abbrera, 1944 (2); Cova-Garcia, 1946 (1); Reid, 1968 (1, 2); Suguna *et al.*, 1994 (2).
- An. (Cel.) varuna* Iyengar: d'Abbrera, 1944 (1, 2).
- An. (Cel.) walravensi* Edwards: de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2).
- An. (Cel.) wellcomei* Theobald: de Meillon, 1947 (1, 2), 1949 (2); Gillies & de Meillon, 1968 (1, 2, as *wellcomei* subspecies *wellcomei*).
- An. (Cel.) willmori* (James): Christophers & Barraud, 1931 (1, 2, as *maculatus* Theobald variety *willmori*); Christophers, 1933 (2, as *maculates* variety *willmori*); Rattarithikul & Green 1987 (1, 2).
- An. (Cel.) wilsoni* Evans: Gillies, 1955 (1, 2); Gillies & de Meillon, 1968 (1, 2); Mattingly, 1969a (1, 2), 1971 (1).
- Anopheles (Kerteszia) bambusicolus* Komp: Levi-Castillo, 1949 (1); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Ker.) bellator* Dyar & Knab: Rozeboom, 1942 (1, 2); Freeborn, 1949 (2); Forattini, 1996 (1).
- An. (Ker.) boliviensis* (Theobald): Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2).
- An. (Ker.) cruzii* Dyar & Knab: Corrêa, 1946 (1); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Forattini, 1962 (1), 1996 (1); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Ker.) gonzalezrinconesi* Cova-Garcia, Pulido F. & Escalante de Ugueto: Cova-Garcia, 1977b (1).
- An. (Ker.) homunculus* Komp: Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Ker.) laneanus* Corrêa & Cerqueira: Corrêa, 1946 (1); Forattini *et al.*, 1997b (1, 2); Forattini, 2002 (1).
- An. (Ker.) neivai* Howard, Dyar & Knab: Baerg & Boreham, 1974a (1, 2).
- An. (Ker.) pholidotus* Zavortink: Cova-Garcia & Sutil Oramas, 1977 (1).

- Anopheles (Lophopodomyia) gilesi* (Peryassú): Deane *et al.*, 1943 (1, 2); Causey *et al.*, 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2).
- An. (Lph.) squamifemur* Antunes: Boreham & Baerg, 1974 (1, 2).
- An. (Lph.) vargasi* Gabaldón, Cova-Garcia & Lopez: Gabaldón *et al.*, 1941b (1); Lane, 1953 (2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Cova-Garcia & Sutil Oramas, 1977 (1).
- Anopheles (Nyssorhynchus) albertoi* Unti: Unti, 1941 (1, 2, as *strodei* Root variety *albertoi*); Sallum *et al.*, 2010 (1, 2).
- An. (Nys.) albimanus* Wiedemann: Root, 1926 (1, 2, as *tarsimaculata* Goeldi); Galvão *et al.*, 1937 (1, 2, as *tarsimaculata*); Galvão & Lane, 1937b (1, 2, as *tarsimaculata*); Rozeboom, 1938 (1, 2, as *albimanus* & *tarsimaculata*), 1942 (1); Vargas, 1941 (2); Kumm, 1941 (1, 2); Causey *et al.*, 1942 (1, as *tarsimaculatus*); Levi-Castillo, 1945b (1); Cova-Garcia, 1946 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Vargas & Martínez Palacios, 1956 (2); Rodríguez *et al.*, 1992a (1, 2), 1992b (1, 2); Cova-Garcia & Sutil Oramas, 1977 (1); Sahlén, 1996 (1); Monnerat *et al.*, 1999 (1, 2).
- An. (Nys.) albitarsis* Lynch Arribálzaga: Root, 1926 (1, 2); Galvão & Lane, 1936 (1, 2), 1937a (1, 2), 1937b (1, 2, as *albitarsis* subspecies *albitarsis* & variety *limai* Galvão & Lane); Rozeboom, 1937a (1, 2), 1938 (2), 1942 (1, 2); Galvão & Barretto, 1938a (1, as *albitarsis* variety *limai*), 1938b (1, 2); Pinto, 1939 (2); Galvão, 1940 (1, as *albitarsis* & *albitarsis* subspecies *limai*); Causey *et al.*, 1942 (1, 2), 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2, as *albitarsis* subspecies *albitarsis*); Forattini, 1962 (1), 1996 (1); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Nys.) anomalophyllus* Komp: Kumm, 1941 (1, 2); Levi-Castillo, 1949 (1); Lane, 1953 (1, 2).
- An. (Nys.) antunesi* Galvão & Amaral: Galvão & Amaral, 1940 (1, 2); Galvão, 1941a (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Forattini, 1962 (1); Forattini *et al.*, 1997b (1, 2); Nagaki *et al.*, 2010 (1, 2).
- An. (Nys.) aquasalis* Curry: Komp, 1941 (1, 2, as *aquasalis* & *emilianus* Komp); Ramos, 1942 (1, 2, as *oswaldoi* variety *guarujaensis* Ramos); Rozeboom, 1942 (1, 2); Causey *et al.*, 1944 (1, 2); Floch & Abonnenc, 1943 (1, 2), 1951 (1, 2); Levi-Castillo, 1945b (1), 1949 (1); Cova-Garcia, 1946 (1), 1964 (1, 2, as *aquasalis* & *emilianus*); Freeborn, 1949 (2); Lane, 1953 (1, 2); Forattini, 1962 (1); Cova-Garcia & Sutil Oramas, 1977 (1, as *aquasalis* & *emilianus*); Cova-Garcia *et al.*, 1977a (1, as *deltaorinoquensis* Cova-Garcia, Pulido F. & Amarista M.); Linley *et al.*, 1993a (1, 2); Maldonado *et al.*, 1997 (1, 2).
- An. (Nys.) argyritarsis* Robineau-Desvoidy: Galvão & Lane, 1937b (1, 2); Rozeboom, 1938 (1, 2); Galvão & Barretto, 1938a (1, 2); Pinto, 1939 (1, 2); Galvão, 1940 (1); Vargas, 1941 (2); Kumm, 1941 (1, 2); Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Vargas & Martínez Palacios, 1956 (2); Forattini, 1962 (1); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Nys.) arthuri* Unti: Galvão, 1938 (1, 2, as *strodei* Root group II); Rozeboom, 1938 (1, 2, as *strodei* type A), 1942 (1, as *strodei* type A); Unti, 1941 (1, 2, as *strodei* variety *arthuri*); Lounibos *et al.*, 1997 (1, 2, as *strodei*); Sallum *et al.*, 2010 (1, 2, as *arthuri*; see discussion on this and related species).
- An. (Nys.) benarrochi* Gabaldón, Cova-Garcia & Lopez: Gabaldón *et al.*, 1941a (1, 2); Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Lounibos *et al.*, 1997a (1, 2).

- An. (Nys.) braziliensis* (Chagas): Galvão & Lane, 1937a (1, 2, as *peessoai* Galvão & Lane), 1937b (1, 2, as *peessoai*); Galvão, 1941b (1, 2, as *peessoai*); Causey *et al.*, 1944 (1, 2, as *peessoai*); Cova-Garcia, 1946 (1, as *peessoai*); Levi-Castillo, 1949 (1, as *peessoai*); Freeborn, 1949 (2); Floch & Abonnenc, 1951 (1, 2, as *peessoai*); Lane, 1953 (1, 2); Cova-Garcia & Sutil Oramas, 1977 (1).
- An. (Nys.) darlingi* Root: Root, 1926 (1, 2); Galvão *et al.*, 1937 (1, 2, as *darlingi* variety *paulistensis* Galvão, Lane & Correa); Galvão & Lane, 1937b (1, 2, as *darlingi* subspecies *paulistensis*); Galvão & Barretto, 1938a (1, 2, as *darlingi* variety *paulistensis*); Galvão, 1940 (1, as *darlingi* & *darlingi* subspecies *paulistensis*); Vargas, 1941 (2, as *darlingi* subspecies *darlingi* & *paulistensis*); Rozeboom, 1942 (1, 2, as *darlingi* subspecies *darlingi* & *paulistensis*), 1946 (2); Causey *et al.*, 1942 (1, 2), 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Floch & Abonnenc, 1951 (2); Lane, 1953 (1, 2); Vargas & Martinez Palacios, 1956 (2); Forattini, 1962 (1); Cova-Garcia & Sutil Oramas, 1977 (1); Linley, 1992 (1, 2).
- An. (Nys.) deaneorum* Rosa-Freitas: Rosa-Freitas, 1989 (2).
- An. (Nys.) dominicanus* Zavortink & Poinar: Zavortink & Poinar, 2000 (1, 2, in amber).
- An. (Nys.) dunhami* Causey: Causey, 1945 (1, 2); Lounibos *et al.*, 1997a (1, 2), 1998 (1, 2); Lounibos & Conn, 2000 (1).
- An. (Nys.) evansae* (Brethés): Galvão & Lane, 1937b (1, 2, as *oswaldoi* (Peryassú) variety *noroestensis* Galvão & Lane); Galvão, 1938 (1, 2, as *oswaldoi* variety *noroestensis*), 1940 (1, as *oswaldoi* subspecies *noroestensis*); Unti, 1940 (1, 2, as *oswaldoi* varieties *ayrozai* Unti & *noroestensis*), 1942 (1, 2, as *oswaldoi* variety *ayrozai*); Ramos, 1942 (1, 2, as *oswaldoi* variety *noroestensis*); Rozeboom, 1942 (1, 2, as *oswaldoi* varieties *noroestensis* & *ayrozai*); Causey *et al.*, 1944 (1, 2, as *noroestensis*); Levi-Castillo, 1949 (1); Freeborn, 1949 (2, as *noroestensis*); Lane, 1953 (1, 2, as *noroestensis*); Forattini, 1962 (1, as *noroestensis*); Sallum *et al.*, 2002 (1, 2).
- An. (Nys.) galvaoi* Causey, Deane & Deane: Causey *et al.*, 1943a (1, 2), 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Sallum *et al.*, 2002 (1, 2).
- An. (Nys.) goeldii* Rozeboom & Gabaldón: Rozeboom & Gabaldón, 1941 (2); Floch & Abonnenc, 1943 (1, 2); Causey *et al.*, 1944 (1, 2).
- An. (Nys.) halophylus* Silva do Nascimento & Lourenço-de-Oliveira: Silva do Nascimento & Lourenço-de-Oliveira, 2002 (1, 2).
- An. (Nys.) konderi* Galvão & Damasceno: Causey *et al.*, 1944 (1?, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lounibos *et al.*, 1997a (1, 2); Flores-Mendoza *et al.*, 2004 (1, 2).
- An. (Nys.) lanei* Galvão & Amaral: Galvão & Amaral, 1938 (1, 2); Galvão, 1940 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2).
- An. (Nys.) lutzii* Cruz: Cruz, 1901 (1, 2); Theobald, 1910 (1); Galvão, 1938 (1, 2), 1941a (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Forattini, 1962 (1); Forattini *et al.*, 1998 (1, 2).
- An. (Nys.) marajoara* Galvão & Damasceno: Galvão & Damasceno, 1944 (1, 2, as *albitarsis* Lynch Arribálzaga subspecies *domesticus* Galvão & Damasceno).
- An. (Nys.) nuneztovari* Gabaldón: Floch & Abonnenc, 1943 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Lane, 1953 (1, 2); Sutil Oramas, 1976 (1, 2); Linley *et al.*, 1996 (1, 2); Lounibos *et al.*, 1998 (1, 2).
- An. (Nys.) oswaldoi* (Peryassú): Galvão & Lane, 1937b (1, 2, as *oswaldoi* variety *metcalfi* Galvão & Lane); Galvão, 1938 (1, 2, as *oswaldoi* variety *oswaldoi*), 1940 (1, as *oswaldoi*)

- subspecies *oswaldoi*), 1941b (1, 2); Ramos, 1942 (1, 2, as *oswaldoi* variety *typicus*); Rozeboom, 1938 (1, 2), 1942 (1, 2, as *oswaldoi* varieties *metcalfi* & *oswaldoi*); Unti, 1940 (2, as *oswaldoi* subspecies *oswaldoi*); Causey *et al.*, 1942 (1), 1944 (1, 2); Floch & Abonnenc, 1943 (1, 2), 1951 (2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Forattini, 1962 (1); Lounibos *et al.*, 1997a (1, 2).
- An. (Nys.) parvus* (Chagas): Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Lane, 1953 (1); Cova-Garcia & Sutil Oramas, 1977 (1); Forattini *et al.*, 1998 (1, 2); Forattini, 2002 (1).
- An. (Nys.) pictipennis* (Philippi): Freeborn, 1949 (2); Lane, 1953 (1, 2).
- An. (Nys.) pristinus* Nagaki & Sallum: Nagaki *et al.*, 2010 (1, 2).
- An. (Nys.) rangeli* Gabaldón, Cova-Garcia & Lopez: Gabaldón *et al.*, 1940 (1, 2); Floch & Abonnenc, 1943 (1, 2); Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Linley & Lounibos, 1993 (1, 2).
- An. (Nys.) rondoni* (Neiva & Pinto): Corrêa & Ramos, 1944 (2); Freeborn, 1949 (2); Forattini *et al.*, 1998 (1, 2).
- An. (Nys.) sawyeri* Causey, Deane, Deane & Sampaio: Causey *et al.*, 1943b (1, 2), 1944 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2, as *argyritarsis* Robineau-Desvoidy subspecies *sawyeri*); Lane, 1953 (1, 2, as *argyritarsis* subspecies *sawyeri*).
- An. (Nys.) strodei* Root: Galvão & Lane, 1936 (1, 2), 1937b (1, 2); Galvão, 1938 (1, 2, as *strodei* group I), 1940 (1, as *strodei* group I); Rozeboom, 1938 (1, 2, as *strodei* types B & C), 1942 (1, as *strodei* type B & group I); Galvão & Franco do Amaral, 1938 (1); Galvão & Barretto, 1938a (1, 2); Vargas, 1941 (2); Kumm, 1941 (1, 2); Unti, 1941 (1, 2, as *strodei typicus*); Rozeboom, 1942 (1, 2, as *strodei* types A & B); Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2, as *strodei* subspecies *strodei*); Floch & Abonnenc, 1951 (2); Lane, 1953 (1, 2); Vargas & Martinez Palacios, 1956 (2); Forattini, 1962 (1); Cova-Garcia & Sutil Oramas, 1977 (1); Sallum *et al.*, 2010 (as *strodei*; see discussion on this and related species).
- An. (Nys.) triannulatus* (Neiva & Pinto): Galvão *et al.*, 1937 (1, 2, as *triannulatus* subspecies *bachmanni* Petrocchi); Galvão & Lane, 1937b (1, 2, as *triannulatus* subspecies *bachmanni*); Galvão & Barretto, 1938b (1, 2, as *triannulatus* subspecies *bachmanni*); Rozeboom, 1938 (1, 2, as *triannulatus* subspecies *bachmanni*), 1942 (1, 2, as *triannulatus* subspecies *davisi* Paterson & Shannon & *triannulatus*); Pinto, 1939 (1); Galvão, 1940 (1, as *triannulatus* subspecies *davisi* & *triannulatus*); 1941b (1, as *triannulatus* variety *chagasi* Galvão); Causey *et al.*, 1944 (1, 2); Floch & Abonnenc, 1943 (1, 2), 1944 (1, 2), 1951 (2); Cova-Garcia, 1946 (1, as *triannulatus* subspecies *davisi*); Levi-Castillo, 1949 (1, as *triannulatus* subspecies *chagasi*, *davisi* & *triannulatus*); Freeborn, 1949 (2, as *triannulatus* subspecies *chagasi*, *davisi* & *triannulatus*); Floch & Abonnenc, 1951 (1, 2); Lane, 1953 (1, 2, as *triannulatus* & subspecies *davisi*); Forattini, 1962 (1); Lounibos *et al.*, 1997a (1, 2).
- An. (Nys.) trinkae* Faran: Linley & Lounibos, 1993 (1, 2, as *dunhami* Causey); Lounibos *et al.*, 1998 (1, 2); Lounibos & Conn, 2000 (1).
- Anopheles (Stethomyia) kompi* Edwards: Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Cova-Garcia & Sutil Oramas, 1977 (1).

An. (Ste.) nimbus (Theobald): Causey *et al.*, 1944 (1, 2); Cova-Garcia, 1946 (1); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Cova-Garcia & Sutil Oramas, 1977 (1).

Species of genus *Bironella* Theobald with the egg illustrated and/or described

Bironella (Brugella) hollandi Taylor: Belkin *et al.*, 1945 (1, 2); Dumbleton, 1945 (1, 2), 1946 (1, 2); Belkin, 1962 (2); Mattingly, 1971 (1).

Species of genus *Chagasia* Cruz with the egg illustrated and/or described

Chagasia bathana (Dyar): Levi-Castillo, 1949 (1); Baerg & Boreham, 1974b (1, 2).

Ch. fajardi (Lutz): Theobald, 1910 (1); Howard *et al.*, 1913 (2); Galvão & Barretto, 1938a (1, 2); Causey *et al.*, 1945 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2); Mattingly, 1971 (1); Linley & Milstrey, 1995 (1, 2); Linley *et al.*, 1998 (1); Forattini, 2002 (1).

Ch. rozeboomi Causey, Deane & Deane: Causey *et al.*, 1944 (1, 2), 1945 (1, 2); Levi-Castillo, 1949 (1); Freeborn, 1949 (2); Lane, 1953 (1, 2).

Acknowledgements

Appreciation is expressed to Kenneth J. Linthicum and Gary G. Clark (CMAVE) for providing research facilities, and to Ralph E. Harbach (The Natural History Museum, London, UK) and Graham B. White (Department of Entomology and Nematology, University of Florida, Gainesville, Florida, USA) for reviewing the manuscript.

References

- Abdulla-Khan, R., Coetzee, M. & Hunt, R.H. (1998) Description of *Anopheles (Cellia) seretsei* sp. nov. from Kasane, Botswana. *Journal of the American Mosquito Control Association* **14**, 248–252.
- Adam, J.-P. & Mattingly, P.F. (1956) Note sur la morphologie et la biologie d'*Anopheles (Neomyzomyia) smithi* var. *rageaui* Mattingly (P.F.) et Adam (J.-P.) 1954. *Bulletin de la Société de Pathologie Exotique* **49**, 734–547.
- Aitken, T.H.G. (1939) The *Anopheles maculipennis* [*sic*] complex of western America. *Pan-Pacific Entomologist* **15**, 191–192.
- Aitken, T.H.G. (1945) Studies on the anopheline complex of western America. *University of California Publications, Entomology* **7**, 273–364.
- Aitken, T.H.G. (1953) The anopheline fauna of Sardinia. *The American Journal of Hygiene, Monographic Series*, Number 20, pp. 303–352.
- Aitken, T.H.G. (1954) The Culicidae of Sardinia and Corsica (Diptera). *Bulletin of Entomological Research* **45**, 437–494.
- Alvarado, C.A. & Heredia, R.L. (1947) Observaciones sobre una nueva variedad del *Anopheles (A.) pseudopunctipennis* [*sic*] Theobald 1901, encontrada en la Provincia de Tucuman, (Nota previa). *Anales des Institudode de Medicina Regional University Tucuman* **2**, 73–78.

- Baerg, D.C. & Boreham, M.M. (1974a) *Anopheles neivai* Howard, Dyar & Knab: laboratory observations on the life cycle and description of the egg stage (Diptera: Culicidae). *Journal of Medical Entomology* **11**, 629–630.
- Baerg, D.C. & Boreham, M.M. (1974b) Experimental rearing of *Chagasia bathana* (Dyar) using induced mating, and description of the egg stage (Diptera: Culicidae). *Journal of Medical Entomology* **11**, 631–632.
- Baisas, F.E. (1974) The mosquito fauna of Subic Bay Naval Reservation Republic of the Philippines. Technical Report Number 72-2. Headquarters, First Medical Service Wing (PACF), APO San Francisco 96274. 179 pp. + 79 figs.
- Baisas, F.E. & Hu, M.K. (1936) *Anopheles hyrcanus* var. *sinensis* of the Philippines and certain parts of China, with some comments on *Anopheles hyrcanus* var. *nigerrimus* of the Philippines. *Monthly Bulletin of the Bureau of Health Philippines* **16**, 205–242 + 6 pls.
- Baisas, F.E. & Ubaldo Pagayon, A.U. (1956) Notes on Philippine mosquitoes, XVII. The eggs and fresh-instar [*sic*] larvae of some Neomyzomyias. *The Philippine Journal of Science* **85**, 215–227 + pl. 1.
- Barr, A.R. (1958) The mosquitoes of Minnesota (Diptera: Culicidae: Culicinae). University of Minnesota, Agricultural Experiment Station, Technical Bulletin 228. 154 pp.
- Barr, A.R. & Guptavani, P. (1989) *Anopheles hermsi* n. sp., an unrecognized American species of the *Anopheles maculipennis* group (Diptera: Culicidae). *Mosquito Systematics* (1988) **20**, 352–356.
- Bates, M. (1941) Field studies of the anopheline mosquitoes of Albania. *Proceedings of the Entomological Society of Washington* **43**, 37–58.
- Bates, M. & Hackett, L.W. (1939) The distinguishing characteristics of the populations of *Anopheles maculipennis* found in southern Europe. *Verhandlungen der VII Internationaler Kongress für Entomologie, Berlin* **3**, 1555–1569.
- Bates, M., Beklemishev, W.N. & la Face, L. (1949) Anophelines of the Palearctic Region. Chapter 18, pp. 419–442. In: Boyd, M.F. *Malaria: a comprehensive survey of all aspects of this group of diseases from a global standpoint*. W.B. Saunders Company, Philadelphia, USA and London, UK.
- Becker, N., Petrić, D., Zgomba, M., Boase, C., Dahl, C., Lane, J. & Kaiser, A. (2003) *Mosquitoes and their control*. Kluwer Academic/Plenum Publishers, London, UK. 498 pp.
- Beidas, M.F. & Gillies, M.T. (1980) The egg of *Anopheles (Cellia) culicifacies adenensis* Christophers. *Mosquito Systematics* **12**, 172–174.
- Belkin, J.N. (1962) The mosquitoes of the South Pacific (Diptera, Culicidae) [*sic*]. Volume I. University of California Press, Berkeley and Los Angeles, California, USA. 608 pp.
- Belkin, J.N., Knight, K.L. & Rozeboom, L.E. (1945) Anopheline mosquitoes of the Solomon Islands and New Hebrides. *The Journal of Parasitology* **31**, 241–265.
- Bellamy, R.E. (1956) An investigation of the taxonomic status of *Anopheles perplexens* [*sic*] Ludlow, 1907. *Annals Entomological Society of America* **49**, 515–529.
- Bellamy, R.E. & Repass, R.P. (1950) Notes on the ova of *Anopheles georgianus* King. *Journal of the National Malaria Society* **9**, 84–88.
- Beyer, G.E. (1923) Observations upon *Anopheles atropos* [*sic*] Dyar & Knab (Diptera, Culicidae) [*sic*]. *Insector Inscitiae Menstruus* **11**, 51–56 + pl. II.
- Blanchard, R. (1905) *Les moustiques histoire naturelle et médicale*. F.R. de Rudeval, Imprimeur-Éditeur, Paris, France. 673 pp.

- Bohart, R.M. & Ingram, R.L. (1946a) Four new species of mosquitoes from Okinawa (Diptera: Culicidae). *Journal of the Washington Academy of Sciences* **36**, 46–52.
- Bohart, R.M. & Ingram, R.L. (1946b) Mosquitoes of Okinawa and islands in the central Pacific. Bureau of Medicine and Surgery, Navy Department, Washington, DC, USA. 110 pp.
- Bonne, C. (1923) The eggs of *Anopheles mediopunctatus* [sic] Theobald. *Overgedrukt uit het Tijdschrift voor Entomologie* **66**, 118.
- Boreham, M.M. & Baerg, D.C. (1974) Description of the larva, pupa and egg of *Anopheles (Lophopodomomyia) squamifemur* Antunes with notes on development (Diptera: Culicidae). *Journal of Medical Entomology* **11**, 564–569.
- Bryan, J.H. (1974) Morphological studies on the *Anopheles punctulatus* Dönitz complex. *Transactions of the Royal Society of London* **125**, 413–435.
- Buonomini, G. & Mariani, M. (1946) Qual'è il valore sistematico del nome *maculipennis* Meig.?. *Rivista di Malariologia* **25**, 101–107.
- Buonomini, G. & Mariani, M. (1953) World anophelines belonging to the subgenus *Maculipennia* Buonomini e Mariani, 1946. A revision of anophelines of the so-called “maculipennis complex”. *Rivista di Malariologia* **32**, 173–188.
- Causey, O.R. (1945) Description of *Anopheles (Nyssorhynchus) dunhami*, a new species from the upper Amazon Basin. *Journal of the National Malaria Society* **4**, 231–234.
- Causey, O.R., Deane, L.M. & Deane, M.P. (1943a) Descrição de um novo anofelino da parte alta do vale do Amazonas “*Anopheles (Nyssorhynchus) galvãoi*” [sic] n. sp. *Revista Paulista Medicina* **23**, 293–296.
- Causey, O.R., Deane, L.M. & Deane, M.P. (1944) An illustrated key to the eggs of thirty species of Brazilian anophelines, with several new descriptions. *The American Journal of Hygiene* **39**, 1–7.
- Causey, O.R., Deane, L.M. & Deane, M.P. (1945) Description of *Chagasia rozeboomi* [sic], an anopheline from Ceará, Brazil. *Journal of National Malaria Society* **4**, 341–350.
- Causey, O.R., Deane, L.M., Deane, M.P. & Sampaio, M. (1942) Note clarifying the status of *Anopheles albitarsis* [sic] and *Anopheles darlingi* [sic] (Diptera: Culicidae). *Proceedings of the Entomological Society of Washington* **44**, 122–126.
- Causey, O.R., Deane, L.M., Deane, M.P. & Sampaio, M.M. (1943b) *Anopheles (Nyssorhynchus) sawyeri* [sic], a new anopheline mosquito from Ceara, Brazil. *Annals of the Entomological Society of America* **36**, 11–20.
- Christophers, S.R. (1911) Revised and new descriptions of Indian *Anopheles* [sic]. *Paludism Simla* **3**, 66–71.
- Christophers, S.R. (1916) An Indian tree-hole breeding *Anopheles* [sic] *A. barianensis* James = *A. (Coelodiazesis) plumbeus*, Haliday. *Indian Journal of Medical Research* **3**, 489–496.
- Christophers, S.R. (1933) The fauna of British India, including Ceylon and Burma. Diptera. Vol. IV. Family Culicidae; Tribe Anophelini. Taylor and Francis, London, UK. 371 pp.
- Christophers, S.R. & Barraud, P.J. (1931) The eggs of Indian *Anopheles* [sic], with descriptions of the hitherto undescribed eggs of a number of species. *Records of the Malaria Survey of India* **2**(1), 161–192 + pls. I–V.
- Christophers, S.R. & Puri, I.M. (1931) Species and varieties of the *funestus* series of *Anopheles* [sic]. *Records of the Malaria Survey of India* **11**(3), 481–493.
- Clements, A.N. (1992) The biology of mosquitoes. Volume 1. Chapman and Hall, London, UK. 509 pp.

- Coetzee, M. (1984) A new species of *Anopheles* (*Anopheles*) from Namibia (Diptera: Culicidae). *Systematic Entomology* **9**, 1–8.
- Coetzee, M. (1994a) The eggs of two anopheline mosquitoes (Diptera: Culicidae) endemic to Madagascar. *African Entomology* **2**, 72–74.
- Coetzee, M. (1994b) *Anopheles crypticus*, new species from South Africa is distinguished from *Anopheles coustani* (Diptera: Culicidae). *Mosquito Systematics* **26**, 125–131.
- Coetzee, M., Segerman, J. & Hunt, R.H. (1987) Description of a new species *Anopheles* (*Cellia*) *kosiensis* (Diptera: Culicidae) from Zululand, South Africa. *Systematic Entomology* **12**, 23–28.
- Colless, D.H. (1956) The *Anopheles leucosphyrus* group. *Transactions of the Royal Society of London* **108**, 37–116.
- Coluzzi, M. (1964) Morphological divergences in the *Anopheles gambiae* complex. *Rivista di Malariologia* **43**, 197–232 + pls. I–VIII.
- Coluzzi, M. (1970) Sibling species in *Anopheles* and their importance in malariology. *Entomological Society of America, Miscellaneous Publications* **7**(1), 63–72.
- Cooling, L.E. (1924) Anopheline mosquitoes of north Australia and the tropical dependencies of Australia. Appendix to malaria in Australia. Preliminary notes. *Service Publications of Department of Health Australia, Tropical Division* **8**, 1–40.
- Corradetti, A. (1940) Note sull' *Anopheles garhhami* d'Abissinia. *Rivista di Parassitologia* **4**, 141–146.
- Corrêa, R.R. (1942) Das formas evolutivas aquáticas do *Anopheles* (*Anopheles*) *eiseni* Coquillett, 1902. *Arquivos de Higiene e Saúde Pública* **7**, 25–33.
- Corrêa, R.R. (1946) Do ciclo evolutivo em condicoes experimentais do *Anopheles* (*Kerteszia*) *laneanus* (Diptera, Culicidae) [sic]. *Arquivos de Higiene e Saúde Pública* **11**, 605–611.
- Corrêa, R.R. & Ramos, A.S. (1944) Nota sistemática sôbre “*Anopheles* (N.) Rondoni” [sic] – descrição do ovo (Diptera, Culicidae). *Anais Paulistas de Medicina e Cirurgia* **47**(5), 405–408.
- Cova-Garcia, P. (1946) Notas sobre los anofelinos de Venezuela y su identificación. XII Conferencia Sanitaria Panamericana, Cuadernos Amarillos, Publicaciones de la Commision Organizadora, Editorial Grafolit, Caracas, Venezuela. 208 pp. + 42 figs.
- Cova-Garcia, P. (1964) Sobre el *Anopheles Nyssorhynchus emilianus* [sic] Komp. 1941 en Venezuela. *Revista Venezolana de Sanidad y Asistencia Social* **29**(2), 199–217.
- Cova-Garcia, P., Palido F, J. & Amarista M, J.R. (1977a) *Anopheles* (*Nyssorhynchus*) *deltaorinoquensis* n. sp. (Diptera, Culicidae) de Venezuela. *Boletin de la Direccion de Malariologia y Saneamiento Ambiental* **17**(2), 150–161.
- Cova-Garcia, P., Palido F, J. & Escalante de Ugueto, C. (1977b) *Anopheles* (*Kerteszia*) *gonzalezrinconesi* n. sp. (Diptera, Culicidae) de Venezuela. *Boletin de la Direccion de Malariologia y Saneamiento Ambiental* **17**(2), 140–149.
- Cova-Garcia, P. & Sutil Oramas, E. (1977) Claves gráficas para la clasificación de anofelinos de Venezuela. Publicacion de la Division de Endemias Rurales, Direccion de Malariologia y Saneamiento Ambiental, Ministerio de Sanidad y Asistencia Social, Maracay, Aragua, Venezuela. 92 pp.
- d’Abrera, V. St. E. (1944) The eggs of the Ceylon anopheline mosquitoes. *Journal of Malaria Institute of India* **5**, 337–359.
- da Costa Lima, A. (1929) Sobre alguns anophelineos encontrados no Brasil. *Memorias Instituto Oswaldo Cruz, Suplemento* **12**, 275–293 + 18 pls.

- Dahl, C. (1977) Verification of *Anopheles* (*Ano.*) *messeae* [sic] Falleroni (Culicidae, Dipt.) from southern Sweden. *Entomologisk Tidsskrift* **98**, 149–152.
- Dahl, C. (1997) Diptera Culicidae, mosquitoes. p. 167. Apollo Books, Denmark, Sweden.
- Dampf, A. (1936) El *Anopheles Occidentalis* [sic] Dyar & Knab [*A. Maculipennis* [sic] Auct.] en la mesa central de México. *Revista Mexicana de Biología* **18**, 91–122 + 9 pls.
- Damrongphol, P. & Baimai, V. (1989) Scanning electron microscopic observations and differentiation of eggs of the *Anopheles dirus* complex. *Journal of the American Mosquito Control Association* **5**, 563–568.
- Das, B.P., Rajagopal, R. & Akiyama, J. (1990) Pictorial key to the species of Indian anopheline mosquitoes. *Journal of Pure and Applied Zoology* **2**, 131–162.
- Deane, L.M., Deane, M.P. & Causey, O.R. (1943) Descrição do ovo, larva e pupa de *Anopheles* (*Arthuromyia*) *gilesi* (Neiva, 1908). *Papéis Avulsos do Departamento de Zoologia* **3**, 167–192.
- de Buck, A. & Swellengrebel, N.H. (1934) Further observations on the pattern of the upper surface of the ova in the Dutch varieties of *A. maculipennis* [sic]. *Proceedings of the Royal Academy of Amsterdam* **37**, 578–579.
- de Buck, A., Schoute, E. & Swellengrebel, N.H. (1932) Further investigations on the racial differentiation of *Anopheles maculipennis* in the Netherlands and its bearing on malaria. *Rivista di Malariologia* **11**, 1–23.
- del Ponte, E. (1939) Observaciones sobre *Anopheles pseudopunctipennis* en la Mendieta, Provincia de Jujuy. *Revista del Instituto Bacteriológico (D.N.H.)* **9**(2), 149–155.
- del Vecchio, G. (1939) Sulle varietà di *A. claviger* (*Bifurcatus*). *Rivista di Parassitologia* **3**, 27–37.
- de Meillon, B. (1934) The eggs of some South African anophelines. *Publications of the South African Institute for Medical Research* **33**, 272–287.
- de Meillon, B. (1936a) The systematic position of *Anopheles listeri* de Meillon. *Publications of the South African Institute for Medical Research* **7**(38), 129–130.
- de Meillon, B. (1936b) The eggs of some South African anophelines. Part II. *Publications of the South African Institute for Medical Research* **7**(38), 131–132.
- de Meillon B. (1941) Descrição de um mosquito anofelino adulto, com especial referência aos caracteres empregados na chave. Estudos Entomológicos da Colônia de Moçambique. Imprensa Nacional de Moçambique, Lourenço Marques. 315 pp.
- de Meillon, B. (1947) The Anophelini of the Ethiopian geographical region. *Publications of the South African Institute for Medical Research* **10**(49), 1–272.
- de Meillon, B. (1949) Anophelines of the Ethiopian Region. Chapter 19, pp. 443–482. In: Boyd, M.F. *Malariology a comprehensive survey of all aspects of this group of diseases from a global standpoint*. W.B. Saunders Company, Philadelphia, USA and London, UK.
- de Meillon, B. & Leeson, H.S. (1940) Notes on Ethiopian Anophelini. *Bulletin of Entomological Research* **31**, 61–67.
- de Vogel, W.T. (1907) Anophelines dans l'eau de mer. *Atti Societa Gli Studi Malaria* **8**, 1–18.
- Dobrotworsky, N.W. (1965) The mosquitoes of Victoria (*Diptera, Culicidae*) [sic]. Melbourne University Press, Carlton, Victoria, Australia. 237 pp.
- Dobrotworsky, N.V. (1966). Mosquitoes of Tasmania and Bass Strait Islands. *Proceedings of the Linnean Society of New South Wales* **91**, 121–146.
- Dong, X. & Wang, K. (1985) A new species of genus *Anopheles* [sic] (Diptera: Culicidae). *Zoological Research* **6**, 117–122.

- Dong, X.-S., Zhou, H.-N., Dong, L.-M. & Mao, X.-H. (2007) A new species of genus *Anopheles* (Diptera: Culicidae). *Entomotaxonomia* **29**, 37–43.
- Doucet, J. (1951) Les anophélinés de la Région Malgache. Publications de l'Institut de Recherche Scientifique Tananarive-Tsimbazaza. 198 pp.
- Dumbleton, L.J. (1945) Note on *Bironella* (*Brugella*) *hollandia* Taylor. *New Zealand Journal of Science and Technology* **27**(3, Section B), 250–253.
- Dumbleton, L.J. (1946) Note on *Bironella* (*Brugella*) *hollandia* Taylor. *Department of Scientific and Industrial Research New Zealand, Entomology Division Publication Number 48*, pp. 250–253.
- Edwards, F.W. (1921) A revision of the mosquitos [sic] of the Palaearctic Region. *Bulletin of Entomological Research* **12**, 263–351.
- Edwards, F.W. (1932) *Anopheles algeriensis* [sic] Theobald (Diptera, Culicidae) in Norfolk. *Journal of the Entomological Society of the South of England* **1**(2), 25–27.
- Edwards, F.W. (1941) Mosquitoes of the Ethiopian Region III. – Culicine adults and pupae. British Museum (Natural History), London, UK. 499 pp.
- Evans, A.M. (1931) Notes on African anophelines. *Annals of Tropical Medicine and Parasitology* **25**, 129–143.
- Evans, A.M. (1935) Notes on anophelines I. – Description of *Anopheles marshallii* var. *gibbinsi* from Uganda. II. – The characters of *A. maculipennis* var. *messeae* in Wirral, England. *Annals of Tropical Medicine and Parasitology* **29**, 469–473.
- Evans, A.M. (1938) Mosquitoes of the Ethiopian Region II. – Anophelini adults and early stages. British Museum (Natural History), London, UK. 404 pp.
- Evans, A.M. & Leeson, H.S. (1935) The *funestus* series of *Anopheles* in southern Rhodesia, with description of a new variety. *Annals of Tropical Medicine and Parasitology* **29**, 33–47.
- Eysell, A. (1912) *Cyclophorus* (*Anopheles*) *nigripes* [sic] Stager (nov. gen.). *Archiv für Schiffs- und Tropen-Hygiene* **16**, 421–431.
- Falleroni, D. (1926) Fauna anofelica Italiana e suo “habitat” (paludi, risaie, canali). Methodi di lotta contro la malaria. *Rivista di Malariologia* **5**, 553–593.
- Floch, H. & Abonnenc, E. (1943) Sur *A. Aquasalis* [sic] Curry, 1932. *Institut Pasteur de la Guyane et du Territoire de l'Inini. Publication Number 68*, pp. 1–9.
- Floch, H. & Abonnenc, E. (1944) *A. Triannulatus* [sic] Neiva et Pinto en Guyane Française morphologie des œufs et infection expérimentale par *P. Falciparum* [sic] et *P. Vivax* [sic]. *Institut Pasteur de la Guyane et du Territoire de l'Inini* **77**, 1–7.
- Floch, H. & Abonnenc, E. (1951) Anophèles [sic] de la Guyane Française. *Archived de l'Institut Pasteur de la Guyane et du Territoire de l'Inini, Number 236*. 91 pp.
- Flores-Mendoza, C., Peyton, E.L., Wilkerson, R.C. & de Oliveira, R.L. (2004) *Anopheles* (*Nyssorhynchus*) *konderi* Galvão and Damascene: neotype designation and resurrection from synonymy with *Anopheles* (*Nyssorhynchus*) *oswaldoi* (Peryassu) (Diptera: Culicidae). *Proceedings of the Entomological Society of Washington* **106**, 118–132.
- Foley, H. (1912) Etude morphologique de *Pyretophorus chaudoyei* Théob., aux différents stades de son évolution, in Sergent, Ed., Sergent, Et. *Campagne antipaludique de 1911*. Alger. pp. 49–50.
- Foot, R.H. (1954) Pictorial keys to mosquitoes of medical importance. *Proceedings of the New Jersey Mosquito Extermination Association*. pp. 244–250.

- Foote, R.H. & Cook, D.R. (1959) Mosquitoes of medical importance. Agriculture Handbook Number 152, Agricultural Research Service, United States Department of Agriculture, Washington, District of Columbia, USA. 158 pp.
- Forattini, O.P. (1962) Entomologia médica. Volume I. Parte geral, Diptera, Anophelini. Faculdade de Higiene e Saúde Pública, Departamento de Parasitologia, São Paulo, Brazil. 662 pp.
- Forattini, O.P. (1996) Culicidologia médica. Volume 1. Princípios gerais morfologia glossário taxonômico. Editora da Unibersidade de São Paulo, São Paulo, Brazil. 548 pp.
- Forattini, O.P. (2002) Culicidologia médica. Volume 2. Identificação biologia epidemiologia. Editora da Unibersidade de São Paulo, São Paulo, Brazil. 860 pp.
- Forattini, O.P., Sallum, M.A.M. & Flores, D.C. (1997a) Description of the egg of *Anopheles (Anopheles) intermedius* (Peryassú, 1908) (Diptera: Culicidae) by scanning electron microscopy. *Revista do Instituto de Medicina Tropical de São Paulo* **39**, 5–9.
- Forattini, O.P., Sallum, M.A.M., Bergo, E.S. & Flôres, D.C. (1998) Utrastructure of eggs of *Anopheles rondoni*, *Anopheles lutzii*, and *Anopheles parvus*, three species of the subgenus *Nyssorhynchus*. *Journal of the American Mosquito Control Association* **14**, 256–265.
- Forattini, O.P., Sallum, M.A.M., Marques, G.R.A.M. & Flores, D.C. (1997b) Description of the eggs of *Anopheles (Kerteszia) laneanus* and *Anopheles (Nyssorhynchus) antunesi* (Diptera: Culicidae) by scanning electron microscopy. *Journal of the American Mosquito Control Association* **13**, 368–374.
- Freeborn, S.B. (1949) Anophelines of the Nearctic Region. Chapter 16, pp. 379–398. In: Boyd, M.F. Malariology a comprehensive survey of all aspects of this group of diseases from a global standpoint. W.B. Saunders Company, Philadelphia, USA and London, UK.
- Fritz, G.N. & Washino, R.K. (1992) Evidence of seasonal eggs in *Anopheles punctipennis* (Diptera: Culicidae). *Journal of Medical Entomology* **29**, 704–706.
- Frohne, W.C. (1956) The egg and identity of Alaskan *Anopheles*. *Mosquito News* **16**, 308.
- Gabaldón, A., Cova-Garcia, P. & Lopez, J.A. (1940) Estudios sobre anofelinos. Serie I. 2. *Anopheles (Nyssorhynchus) rangeli*, una nueva especie de la sub-serie *oswaldoi* (Diptera, Culicidae) de amplia distribucion en Venezuela. *Publicaciones da la Division de Malariologia, Publication Number 5*, pp. 9–23.
- Gabaldón, A., Cova-Garcia, P. & Lopez, J.A. (1941a) Estudios sobre anofelinos. Serie II. 1. *Anopheles (Nyssorhynchus) benarrochi*, una especie de la subserie *triannulatus*. *Publicaciones de la Division de Malariologia, Publication Number 7*, pp. 3–23 + pls. I–II.
- Gabaldón, A., Cova-Garcia, P. & Lopez, J.A. (1941b) Estudios sobre anofelinos. Serie II. 2. *Anopheles (Arthuromyia) bargasi*, n. sp. [sic] y redescrpcion del subgenero *Arthuromyia* Galvão, 1941. *Publicaciones de la Division de Malariologia Number 7*, pp. 25–56 + 3 pls.
- Galvão, A.L.Z. (1938) Observações sobre algumas especies do subgenero *Nyssorhynchus*, com especial referencia a morfologia dos ovos. *Revista de Bilologia e Hygiene* **9**, 51–60.
- Galvão, A.L.A. (1940) Contribuicao ao conhecimento dos anofelinos do grupo *Nyssorhynchus* de São Paulo e regioes vizinhas (Diptera: Culicidae). *Archivos de Zoolida São Paulo, Brazil* **1**, 399–484 + 48 pls.
- Galvão, A.L.A. (1941a) Contribução ao conhecimento das espécies de *Myzorhynchella* (Diptera, Culicidae) [sic]. *Archivos de Zoolida São Paulo, Brazil* **2**, 505–576 + 13 pls.

- Galvão, A.L.A. (1941b) Notas sôbre alguns anofelinos do sub-gênero *Nyssorhynchus* do norte do Brasil. *Revista de Biologia e Higiene* **11**, 93–96.
- Galvão, A.L.A. & Damasceno, R.G. (1944) Observações sobre anofelinos do complexo *albitarsis* (Diptera Culicidae). *Annaes da Faculdade de Medicina de São Paulo* **20**, 73–87.
- Galvão, A.L.A. & Franco do Amaral, A.D. (1938) Sobre um novo anofelino de campos do Jordão, estado de São Paulo, *Anopheles (Nyssorhynchus) lanei* n. sp. (Diptera, Culicidae) [sic]. *Revista de Biologia e Higiene* **9**, 8–16.
- Galvão, A.L.A. & Franco do Amaral, A.D. (1940) Estudos sôbre os anofelinos do grupo *Myzorhynchella* com a descrição de uma espécie nova, *Anopheles (Nyssorhynchus) antunesi* n. sp. (Dipt. Culicidae) [sic]. *Folia Clinica et Biologica* **12**, 150–160.
- Galvão, A.L.A. & Lane J. (1936) I. – Notas sobre os *Nyssorhynchus* [sic] de São Paulo. *Annaes da Faculdade de Medicina de São Paulo*, **2**, 269–288.
- Galvão, A.L.A. & Lane J. (1937a) III. – Notas sobre os *Nyssorhynchus* de São Paulo (Culicidae Diptera) [sic] observações sobre ovos. *Revista do Museu Paulista* **23**, 25–27.
- Galvão, A.L.A. & Lane J. (1937b) Nota sobre os *Nyssorhynchus* [sic] de S. Paulo VII. Estudo sobre as variedades deste grupo com a descrição de *Anopheles (Nyssorhynchus) albitarsis* [sic] Arrib., 1878 var. *limai* [sic] n. var. *Annaes da Faculdade de Medicina de São Paulo* **13**, 211–238.
- Galvão, A.A., Lane, J. & Corrêa, R. (1937) Notas sobre os *Nyssorhynchus* de S. Paulo V. sobre os *Nyssorhynchus* de novo oriente. *Revista de Biologia e Higiene* **8**, 37–45.
- Galvão, A.L.A. & Pereira Barretto, M. (1938a) Contribuição ao conhecimento dos primeiros estádios dos anofelinos de São Paulo. *Revista de Biologia e Higiene* **9**, 110–115 + 12 figs.
- Galvão, A.L.A. & Pereira Barretto, M. (1938b) Observações sobre o *Anopheles albitarsis* Arribáizaga, 1878 e *A. triannulatus* (Neiva & Pinto, 1922) de São Paulo. *Revista de Biologia e Higiene* **9**, 144–157.
- Gibbins, E.G. (1933) Eggs of some Ethiopian *Anopheles* mosquitos [sic]. *Bulletin of Entomological Research* **24**, 257–262.
- Giles, G.M. (1902) A handbook of the gnats or mosquitoes giving the anatomy and life history of the Culicidae, together with descriptions of all species noticed up to the present date. Second Edition. London, UK. 530 pp.
- Gillies, M.T. (1955) Notes on the eggs of some east African *Anopheles*. *Annals of Tropical Medicine and Parasitology* **49**, 158–160.
- Gillies, M.T. (1958) Notes on the biology of a new subspecies of *Anopheles wellcomei* (Diptera: Culicidae) from east Africa, and on the distribution of related forms. *Proceedings of the Royal Entomological Society of London (A)* **33**, 9–14.
- Gillies, M.T. (1962) A new species of the *Anopheles funestus* complex (Diptera: Culicidae) from east Africa. *Proceedings of the Royal Entomological Society of London (B)* **31**, 81–86.
- Gillies, M.T. & Coetzee, M. (1987) A supplement to the Anophelinae of Africa south of the Sahara (Afrotropical Region). *Publications of the South African Institute for Medical Research, Number 55*, 141 pp.
- Gillies, M.T. & de Meillon, B. (1968) The Anophelinae of Africa south of the Sahara (Ethiopian Zoogeographical Region). *Publications of the South African Institute for Medical Research, Number 54*, 343 pp.

- Gornostaeva, R.M. & Danilov, A.V. (1999) Mosquitoes of Moscow and the Moscow Region. Manual for the entomologists of sanitarian and epidemiological services of the Moscow Region. KMK Scientific Press, Moscow, Russia. 341 pp.
- Gupta, S. & Chaudhry, S. (2005) SEM study on the egg surface architecture of *Anopheles (Cellia) splendidus* Koidzumi (Culicidae: Diptera). *Polish Journal of Entomology* **74**, 7–14.
- Gutsevich, A.V., Monchadskii, A.S. & Shtakel'berg, A.A. (1974) Fauna of the U.S.S.R. (Fauna SSSR). Diptera (Nasekomye dvukrylye). Mosquitoes family *Culicidae* [sic]. Volume 3, Number 4. Akademiya Nauk SSSR, Zoologicheskii Institut. (English translation from Russian, Israel Program for Scientific Translations, Jerusalem, 408 pp.).
- Guy, Y. (1959) Les *Anophèles* du Maroc. *Mémoires de la Société Sciences des Naturelles et Physiques du Maroc Zoologie*. Nouvelle Série Number 7, 1–235.
- Hackett, L.W. (1934) The present status of our knowledge of the sub-species of *Anopheles maculipennis*. *Royal Society of Tropical Medicine and Hygiene* **28**, 109–128.
- Hackett, L.W. (1935) Recent findings bearing on the epidemiology of malaria in Europe. *Medical Parasitology and Parasitic Diseases* **4**(1–2), 39–43.
- Hackett, L.W. (1937) Recent additions to our knowledge of “*Anopheles maculipennis*” [sic] races. *League of Nations Bulletin Health Organization* **6**, 1–16.
- Hackett, L.W. & Lewis, D.J. (1935) A new variety of *Anopheles maculipennis* in southern Europe. *Rivista di Malariologia* **14**, 377–383 + 1 pl.
- Hackett, L.W. & Missiroli, A. (1935) The varieties of *Anopheles maculipennis* and their relation to the distribution of malaria in Europe. *Rivista di Malariologia* **14**, 45–109.
- Hackett, L.W., Martini, E. & Missiroli, A. (1932) The races of *A. maculipennis* [sic]. *The American Journal of Hygiene* **16**, 137–162.
- Hadjinicolaou, J. (1938) Observations on *Anopheles marteri*, S & P. *Rivista di Malariologia* **17**, 44–50.
- Harbach, R.E. & Knight, K.L. (1978) A mosquito taxonomic glossary XV. The egg. *Mosquito Systematics* **10**, 249–298.
- Harbach, R.E. & Knight, K.L. (1980) Taxonomists' glossary of mosquito anatomy. Plexus Publishing, Incorporated, Marlton, New Jersey, USA. 415 pp.
- Harrison, B.A. (1972) A new interpretation of affinities within the *Anopheles hyrcanus* Complex of Southeast Asia. *Mosquito Systematics* **4**, 73–83.
- Harrison, B.A. (1980) Medical entomology studies – XIII. The Myzomyia Series of *Anopheles (Cellia)* in Thailand, with emphasis on intra-interspecific variations (Diptera: Culicidae). *Contributions of the American Entomological Institute (Ann Arbor)* **17**(4), 1–195.
- Harrison, B.A. & Scanlon, J.E. (1975) Medical entomology studies – II. The subgenus *Anopheles* in Thailand (Diptera: Culicidae). *Contributions of the American Entomological Institute (Ann Arbor)* **12**(1), 1–307.
- Herms, W.B. (1939) Medical entomology with special reference to the health and well-being of man and animals. The Macmillan Company, New York, USA. 582 pp.
- Herms, W.B. & Frost, F.M. (1932) A comparative study of the eggs of California anophelines. *Journal of Parasitology* **18**, 240–244.
- Herms, W.B. & James, M.T. (1961) Medical entomology. The Macmillan Company, New York, USA. 616 pp.
- Hinton, H.E. (1968) Observations on the biology and taxonomy of the eggs of *Anopheles* mosquitoes. *Bulletin of Entomological Research* **57**, 495–508 + pls. XXI–XXVI.

- Hinton, H.E. (1981) Biology of insect eggs in three volumes. Pergamon Press, Oxford, UK. Volume I, 473 pp.
- Hoffmann, C.C. (1935) La formacion de razas en los Anopheles [sic] Mexicanos I. A. maculipennis [sic] y A. quadrimaculatus [sic] y una raza nueva del maculipennis [sic]. *Anales del Instituto de Biologia Mexicanos* **6**, 3–22.
- Howard, L.O. (1900a) Notes on the mosquitoes of the United States: giving some account of their structure and biology, with remarks on remedies. United States Department of Agriculture, Division of Entomology Bulletin 25. 70 pp.
- Howard, L.O. (1900b) The differences between malarial and non-malarial mosquitoes. *Scientific American* **83**, 8–9.
- Howard, L.O. (1904) The insect book. A popular account of the bees wasps, ants, grasshoppers, flies and other North American insects exclusive of the butterflies moths and beetles, with full life histories, tables and bibliographies. Doubleday, Page & Company, New York, USA. 429 pp.
- Howard, L.O., Dyar, H.G. & Knab, F. (1913) The mosquitoes of North and Central America and the West Indies. Volume Two, Plates. Carnegie Institution of Washington, Washington, DC, USA (1912). 150 pls.
- Howard, L.O., Dyar, H.G. & Knab, F. (1917) The mosquitoes of North and Central America and the West Indies. Volume Four. Systematic descriptions (in two parts). Part II. Carnegie Institution of Washington, Washington, DC, USA. pp. 525–1,064.
- Hunt, R.H. & Coetzee, M. (1992) Ovarian polytene chromosome map, notes on the status, morphology, biology and a new distribution record of *Anopheles (Cellia) mousinhoi* (Diptera: Culicidae). *Systematic Entomology* **17**, 59–64.
- Hurlbut, H.S. (1938) Further notes on the overwintering of the eggs of *Anopheles walkeri* Theobald with a description of the eggs. *The Journal of Parasitology* **24**, 521–526.
- Iyengar, M.O.T. (1938) Egg of *Anopheles leucosphyrus* Dön. *Journal of Malaria Institute of India* **1**, 353–354.
- James, M.T. & Harwood, R.F. (1969) Herm's medical entomology. Sixth Edition. The Macmillan Company, Collier-Macmillan Limited, London, UK. 484 pp.
- Kanda, T. & Oguma, Y. (1978) *Anopheles engarensis*, a new species related to *sinensis* from Hokkaido Island, Japan. *Mosquito Systematics* **10**, 45–52.
- Kang, W., Tan, J., Cao, C., Cheng, H., Yang, Y. & Huang, R. (1984) *Anopheles liangshanensis* [sic], a new species related to *A. kweiyangensis* [sic] and *A. sinensis* [sic] from Sichuan, China (Diptera: Culicidae). *Sichuan Journal of Zoology* **3**, 11–14.
- King, W.V., Bradley, G.H. & McNeel, T.E. (1939) The mosquitoes of the southeastern states. United States Department of Agriculture, Miscellaneous Publications Number 336. 90 pp.
- King, W.V., Bradley, G.H., Smith, C.N. & McDuffie, W.C. (1960) A handbook of the mosquitoes of the southeastern United States. United States Department of Agriculture, Agriculture Handbook Number 173. 188 pp.
- Komp, W.H.W. (1941) The species of *Nyssorhyncus* [sic] confused under *tarsimaculatus* [sic] Goeldi, and a new name, *A. emilianus* [sic], for one species found in Para, Brazil (Diptera, Culicidae). *Annals Entomological Society of America* **34**, 791–807.
- Korvenkontio, P., Lokki, J., Saura, A. & Ulmanen, I. (1979) *Anopheles maculipennis* complex (Diptera: Culicidae) in northern Europe: species diagnosis by egg structure and enzyme polymorphism. *Journal of Medical Entomology* **16**, 169–170.

- Kramář, J. (1958) Fauna ČSR. Svazek 13. Komáři bodaví – Culicinae (ŘÁD: Dvoukřídli – Diptera). Nakladatelství Československé Akademie věd, Praha, Chekslovia. 286 pp.
- Kumm, H.W. (1941) The eggs of some Costa Rican anophelines. *American Journal of Tropical Medicine* **21**, 91–102.
- la Face, L. (1926) Revisione degli Anofelini Italiani. Nota I. *Rivista di Malariologia* **5**, 44–48.
- la Face, L. (1930) Morfologia delle larve anofeliche e descrizione delle specie Italiane. *Rivista di Malariologia* **8**, 538–568.
- la Face, L. (1931) Sull'esistenza di razze diverse di *Anopheles maculipennis*. *Rivista di Malariologia* **10**, 3–13.
- Lambert, D.M. & Coetzee, M. (1982) A dual genetical and taxonomic approach to the resolution of the mosquito taxon, *Anopheles (Cellia) marshallii* (Culicidae). *Systematic Entomology* **7**, 321–332.
- Lane, J. (1953) Neotropical *Culicidae* [sic]. Volume I – *Dixinae* [sic], *Chaoborinae* [sic] and *Culicinae* [sic], tribes *Anophelini* [sic], *Toxorhynchitini* [sic] and *Culicini* [sic] (Genus *Culex* only). University of São Paulo, Brazil. 548 pp.
- Lawlor, W.K. (1940) Notes on a variation in the eggs of *Anopheles punctipennis* Say. *United States Public Health Reports* **55**, 371–373.
- Lee, D.J. & Woodhill, A.R. (1944) The anopheline mosquitoes of the Australasian Region. Departement of Zoology, University of Sydney, Monograph Number 2. 209 pp.
- Leeson, H.S. & Buxton, P.A. (1949) Anopheline mosquitoes: morphology in different stages and instars. Chapter 11, pp. 235–256. In: Boyd, M.F. *Malariology a comprehensive survey of all aspects of this group of diseases from a global standpoint*. W.B. Saunders Company, Philadelphia, USA and London, UK.
- Lei, X. (1996) A new species of *Anopheles* (Diptera: Culicidae). *Sichuan Journal of Zoology* **15**, 1–4.
- Levi-Castillo, R. (1944) El complejo “Pseudopunctipennis” [sic] en el Ecuador (Diptera-Culicidae). *Guayaquil, Imprenta de la Universidad* **28**, 1–7.
- Levi-Castillo, R. (1945a) A new variety of the *Anopheles pseudopunctipennis* complex in Ecuador (Diptera: Culicidae). *Mosquito News* **5**, 17–18.
- Levi-Castillo, R. (1945b) Los anofelinos de la República del Equador. Tome I, 213 pp.
- Levi-Castillo, R. (1949) Atlas de los anofelinos Sudamericanos. Imprenta de la Sociedad Filantrópica del Gyayas, Guayaquil, Equador. 207 pp.
- Lewis, D.J. (1934) The eggs of four species of *Anopheles* [sic] from west Africa. *The West African Medical Journal* **8**, 1–3.
- Linley, J.R. (1992) The eggs of *Anopheles atropos* and *Anopheles darlingi* (Diptera: Culicidae). *Mosquito Systematics* **24**, 40–50.
- Linley, J.R. & Kaiser, P.E. (1994) The eggs of *Anopheles punctipennis* and *Anopheles perplexens* (Diptera: Culicidae). *Mosquito Systematics* **26**, 43–56.
- Linley, J.R. & Lounibos, L.P. (1993) The eggs of *Anopheles (Nyssorhynchus) rangeli* and *Anopheles (Nyssorhynchus) durhami* (Diptera: Culicidae). *Mosquito Systematics* **25**, 157–169.
- Linley, J.R. & Lounibos, L.P. (1994) The remarkable egg of *Anopheles peryassui* (Diptera: Culicidae). *Mosquito Systematics* **26**, 25–34.
- Linley, J.R. & Milstrey, E.G. (1995) The eggs of *Anopheles (Anopheles) mattogrossensis* and *Chagasia fajardoii* (Diptera: Culicidae). *Mosquito Systematics* **27**, 27–39.

- Linley, J.R., Kaiser, P.E. & Cockburn, A.F. (1993b) A description and morphometric study of the eggs of species of the *Anopheles quadrimaculatus* complex (Diptera: Culicidae). *Mosquito Systematics* **25**, 124–147.
- Linley, J.R., Lounibos, L.P. & Conn, J. (1973a) A description and morphometric analysis of the eggs of four South American populations of *Anopheles (Nyssorhynchus) aquasalis* (Diptera: Culicidae). *Mosquito Systematics* **25**, 198–214.
- Linley, J.R., Lounibos, L.P., Conn, J., Duzak, D. & Nishimura, N. (1996) A description and morphometric comparison of eggs from eight geographic populations of the South American malaria vector *Anopheles (Nyssorhynchus) nuneztovari* (Diptera: Culicidae). *Journal of the American Mosquito Control Association* **12**, 275–292.
- Linley J., Lounibos, L.P. & Morris, C. (1998) Beautiful beginnings. *Wing Beats* **9**(1), 22–26.
- Linley, J.R., Yap, H.H. & Damar, T.B. (1995) The eggs of four species of the *Anopheles Hyrcanus* Group in Malaysia (Diptera: Culicidae). *Mosquito Systematics* **27**, 43–71.
- Linton, Y.-M., Smith, L., Koliopoulos, G., Samadidou-Voyadjoglou, A., Zounos, A.K. & Harbach, R.E. (2003) Morphological and molecular characterization of *Anopheles (Anopheles) maculipennis* Meigen, type species of the genus and nominotypical member of the Maculipennis Complex. *Systematic Entomology* **28**, 39–55.
- Lounibos, L.P. & Conn, J.E. (2000) Malaria vector heterogeneity in South America. *American Entomologist* **46**, 238–249.
- Lounibos, L.P., Coetzee, M., Duzak, D., Nishimura, N., Linley, J.R., Service, M.W., Cornel, A.J., Fontenille, D. & Mukwaya, L.G. (1999) A description and morphometric comparison of eggs of species of the *Anopheles gambiae* complex. *Journal of the American Mosquito Control Association* **15**, 157–185.
- Lounibos, L.P., Duzak, D. & Linley, J.R. (1997a) Comparative egg morphology of six species of the Albimanus section of *Anopheles (Nyssorhynchus)* (Diptera: Culicidae). *Journal of Medical Entomology* **34**, 136–155.
- Lounibos, L.P., Duzak, D., Linley, J.R. & Lourenço-de-Oliveira, R. (1997b) Egg structures of *Anopheles fluminensis* and *Anopheles shannoni*. *Memórias do Instituto Oswaldo Cruz, Rio de Janeiro* **92**, 221–232.
- Lounibos, L.P., Wilkerson, R.C., Conn, J.E., Hribar, L.J., Fritz, G.N. & Danoff-Burg, J.A. (1998) Morphological, molecular, and chromosomal discrimination of cryptic *Anopheles (Nyssorhynchus)* (Diptera: Culicidae) from South America. *Journal of Medical Entomology* **35**, 830–837.
- Lu, B. (1997) Fauna Sinica, Insecta, Diptera: Culicidae. Volume 9. Science Press, Beijing, China. 190 pp.
- Lu, B.-L. (1999) Integrated control of mosquitoes (Second Edition). Sinica Press, Beijing, China. 277 pp.
- Ludlow, C.S. (1914) Disease-bearing mosquitoes of North and Central America, the West Indies, and the Philippine Islands. War Department, Office of the Surgeon General, Government Printing Office, Washington, DC, USA, Bulletin Number 4 (1913). 97 pp.
- Ma, S.-F. (1964) Studies on the different types of *Anopheles (A.) hyrcanus sinensis* within the *Anopheles (A.) hyrcanus* groups. *Acta Entomologica Sinica* **13**, 862–873.
- Ma, S.-F. (1966) Investigations on the different types of *Anopheles (A.) hyrcanus sinensis* from representative parts of Szechuan Province. *Acta Entomologica Sinica* **15**, 320–326.
- Ma, S.-F. (1981) Studies on the *Anopheles (A.) sinensis* group of mosquitoes in China, including four new sibling species. *Sinozoologia* **1**, 59–70 + 4 pls.

- MacGregor, M.E. (1921) The structural differences in the ova of *Anopheles maculipennis*, *A. bifurcates* and *A. plumbeus*. *Annals of Tropical Medicine and Parasitology* **15**, 417–424.
- Maldonado, V., Finol, H.J. & Navarro, J.C. (1997) *Anopheles aquasalis* eggs from two Venezuelan localities compared by scanning electron microscopy. *Memórias do Instituto Oswaldo Cruz, Rio de Janeiro* **92**, 487–491.
- Mann, G.F. (1950) Dos nuevas sub-especies del *Anopheles pseudopunctipennis* Th. 1901. *Biologica, Santiago* **8–10**, 33–42.
- Mara, L. (1948) Studio morfologico dell'uovo di “*Anopheles Dancalicus*” [sic] (Corr. 1939). *Bollettinodella Società Italiana de Medicina Igienetropicale* **8**, 76–81.
- Marshall, J.F. (1938) The British mosquitoes. British Museum (Natural History), London, UK. 341 pp.
- Martini, E. (1921) Ueber die eier unserer Anopheles [sic]. *Centralblatt f. Bakteriologie, Parasitenkunde u. Infektionskrankheiten* **87**(5), 363–365.
- Martini, E. (1930) 11. u. 12. Culicidae. (11. Dixidae. – 12. Culicidae.). pp. 145–320. In: Lindner, E., Die Fliegen der palaearktischen region. Stuttgart.
- Matheson, R. (1929) A handbook of the mosquitoes of North America their structure, how they live, how they carry disease, how they may be studied, how they may be controlled, how they may be identified. Charles C. Thomas, Publisher, Springfield, Illinois, USA. 268 pp.
- Matheson, R. (1944) Handbook of the mosquitoes of North America their anatomy and biology; how they can be studied and how identified; how they carry disease and how they can be controlled. Comstock Publishing Company, Incorporated, Ithica, New York, USA. 314 pp.
- Matheson, R. & Hurlbut, H.S. (1937) Notes on *Anopheles walkeri* [sic] Theobald. *American Journal of Tropical Medicine* **17**, 237–241.
- Mattingly, P.F. (1969a) Mosquito eggs II. *Mosquito Systematics Newsletter* **1**, 41–50.
- Mattingly, P.F. (1969b) The biology of mosquito-borne disease. American Elsevier Publishing Company, Incorporated, New York, USA. 184 pp.
- Mattingly, P.F. (1971) Ecological aspects of mosquito evolution. *Parassitologia* **13**(1–2), 31–65.
- Mendoza, J.B. (1940) New *Anopheles* [sic] of the Myzorhynchus series. *Monthly Bulletin of the Bureau of Health Philippines* **20**(11), 353–369.
- Missiroli, A., Hackett, L.W. & Martini, E. (1933) Le razze di *Anopheles maculipennis* e la loro importanza nella distribuzione della malaria in alcune regioni d'Europa. *Rivista di Malariologia* **12**, 1–58.
- Mitchell, E.G. (1907) Mosquito life the habits and life cycles of the known mosquitoes of the United States; methods for their control; and keys for easy identification of the species in their various stages. An account based on the investigations of the late James William Dupree, M.D., surgeon-general of Louisiana, and upon original observations by the writer. G.P. Putnam's Sons, The Knickerbocker Press, New York, USA and London, UK. 282 pp.
- Miyazaki, I. (1951) On a new anopheline mosquito *Anopheles yatsushiroensis* n. sp. found in Kyushu, with some remarks on two related species of the genus (with 2 plates and 6 text-figures). *Kyushi Memoirs of Medical Sciences* **2**(3), 195–205.
- Mohrig, W. (1969) Die Culiciden Deutschlands untersuchungen zur taxonomie, biologie und Okologie der einheimischen stechmücken. Parasitologisches Schriftenreihe Reihe, Heft 18, Germany. 260 pp.

- Monnerat, A.T., Soares, M.J., Lima, J.B.P., Rosa-Freitas, M.G. & Valle, D. (1999) *Anopheles albitarsis* eggs: ultrastructural analysis of chorion layers after permeabilization. *Journal of Insect Physiology* **28**, 1–8.
- Morishita, K. (1932) The eggs of the Formosan anophelines. *Journal of the Medical Association, Formosa* **31**, 331–340.
- Nagaki, S.S., de Albuquerque Motta, M. & Sallum, M.A.M. (2010) Redescription of *Anopheles (Nyssorhynchus) antunesi* Galvão & Amaral and description of a new species of the Myzorhynchella Section (Diptera: Culicidae) from Serra da Mantiqueira, Brazil. *Memorias Instituto Oswaldo Cruz, Rio de Janeiro* **105**, 278–285.
- Narayandas, M.G. (1954) Description of the egg of *Anopheles gigas gigas* Giles, 1901. *Indian Journal of Malariology* **8**, 19–20.
- Newkirk, M.R. (1955) On the eggs of some man-biting mosquitoes. *Annals of the Entomological Society of America* **48**, 60–66.
- Newstead, R. & Carter, H.F. (1911) On some new species of African mosquitos [sic] (Culicidae). *Annals of Tropical Medicine and Parasitology* **5**, 233–244.
- Nguyen, D.M., Tran, D.H. & Nguyen, T.V. (1993) *Anopheles (Anopheles) vietnamensis*: a new species in the *Anopheles hyrcanus* group from Vietnam (Diptera: Culicidae). *Mosquito Systematics* **25**, 215–221.
- Nicolescu, G., Linton, Y.-M., Vladimirescu, A., Howard, T.M. & Harbach, R.E. (2004) Mosquitoes of the *Anopheles maculipennis* group (Diptera: Culicidae) in Romania, with the discovery and formal recognition of a new species based on molecular and morphological evidence. *Bulletin of Entomological Research* **94**, 525–535.
- Nuttall, G.H.F. & Shipley, A.E. (1901) Studies in relation to malaria. II. The structure and biology of *Anopheles* [sic] (*Anopheles maculipennis*). The egg and larva. *Journal of Hygiene* **1**, 45–77.
- Ohmori, Y. (1957) On the male hypopygium of the *sinensis*-group of anopheline mosquitoes in Japan. *Acta Medica et Biologica* **5**, 209–217.
- Osorno-Mesa, E. & Muñoz-Sarmiento, F. (1948) Una nueva variedad de *Anopheles pseudo-punctipennis*. *Caldasia* **5**, 105–113 + pls. I–III.
- Otsuru, M. & Miyagawa, M. (1950) The eggs of Japanese *Anopheles* (Report I). *Japanese Journal of Sanitary Zoology* **1**, 3–4.
- Otsuru, M. & Ohmori, Y. (1960) Malaria studies in Japan after World War II. Part II. The research for *Anopheles sinensis* sibling species group. *Japanese Journal of Experimental Medicine* **30**, 33–65.
- Otsuru, M., Nagashima, Y., Nakamura, Y. & Kishimoto, T. (1976) Survey of eggs of the *Anopheles sinensis* sibling species group in Okinawa Is., Japan. *Japanese Journal of Sanitary Zoology* **27**, 301–303.
- Pajot, F.X. & Adam, J.P. (1964) Notes morphologiques sur *Anopheles caroni* Adam, 1961 (Diptera-Culicidae) [sic]. *Bulletin de la Société de Pathologie Exotique* **58**, 626–637.
- Patton, W.S. (1905) The culicid fauna of the Aden hinterland, their haunts and habits. *Journal of the Bombay Natural History Society* **16**, 623–637.
- Peters, W. (1955) The mosquitoes of Liberia (Diptera: Culicidae). *The Proceedings of the Royal Entomological Society of London, Series B–Taxonomy* **24**(5–6), 81–90.
- Peus, F. (1942) Die Fiebermücken des Mittelmeergebietes. *Hygienische Zoologie, Leipzig* **8**, 1–150.

- Peus, F. (1954) Ueber stechmuecke in Griechenland (Diptera, Culicidae). *Bonner Zoologische Beiträge* **1**, 73–86 + 1 pl.
- Pinto, C. (1939) Disseminação da malaria pela aviação; biologia do *Anopheles gambiae* e outros anofelineos do Braxil. *Memórias do Instituto Oswaldo Cruz, Rio de Janeiro* **34**(3), 293–430.
- Pringle, G., Tekriti, A., Azzawi, M., Riyadh, H. & Murayati, Y. (1960) The anopheline larvae of Iraq, with a report on *A. culicifacies*, *A. multicolor* and *A. apoci* breeding in Syrian desert spring. *Bulletin Endemic Diseases* **3**, 36–56.
- Puri, I.M. (1929) Description of the male, female, egg and larva of *Anopheles annandalei* var. *interruptus* nov. var., with corrections for the previous description of the type species. *Indian Journal of Medical Research* **17**, 385–395.
- Qu, F., Xu, S., Xu, J. & Xu, X. (1998) On the biosystematics of *Anopheles dirus* complex (Diptera: Culicidae) in China. *Entomologia Sinica* **5**, 246–256.
- Qu, F.-Y. & Zhu, H.-M. (2008) On a new checklist of the anopheline mosquitoes in China with rectification for some specific names. *Chinese Journal of Parasitology and Parasitic Diseases* **26**(3), 210–216.
- Raffaele, G. (1928) Una nuova specie de “Anopheles” [sic]. *Rivista di Malariologia* **7**, 11–17.
- Rageau, J. & Vervent, G. (1959) Enquete entomologique sur le paludisme aux Nouvelles-Hebrides. *Technical Papers of the South Pacific Commn* **119**, 1–34.
- Ramos, A.S. (1942) Sobre uma variedade nova de *Anopheles (Nyssorhynchus) oswaldoi* Peryassú, 1922 (Diptera-Culicidae) [sic]. *Archivos de Hygiene São Paulo* **7**(15), 61–71.
- Ramsdale, C.D. & Snow, K.R. (1994) Mosquitoes from north-western Europe not recorded in Britain: II. Genera *Anopheles*, *Culex* and *Culiseta*. *The Entomologist* **113**, 112–119.
- Rao, T.R. (1984) The anophelines of India (Revised Edition). Malaria Research Centre, Delhi Press, New Delhi, India. 518 pp.
- Rao, B.A., Sweet, W.C. & Subba Rao, A.M. (1938) Ova measurements of *A. stephensi* type and *A. stephensi* var. *mysorensis*. *Journal of the Malaria Institute of India* **1**, 261–266.
- Rattanarithikul, R. & Green, C.A. (1987) Formal recognition of the species of the *Anopheles maculates* group (Diptera: Culicidae) occurring in Thailand, including the descriptions of two new species and a preliminary key to females. *Mosquito Systematics* (1986) **18**, 246–278.
- Reid, J.A. (1953) The *Anopheles hyrcanus* group in south-east Asia (Diptera: Culicidae). *Bulletin of Entomological Research* **44**, 5–76.
- Reid, J.A. (1962) The *Anopheles barbirostris* group (Diptera, Culicidae). *Bulletin of Entomological Research* **53**, 1–57.
- Reid, J.A. (1963) Notes on anopheline mosquitoes from Malaya, with descriptions of three new species. *Annals of Tropical Medicine & Parasitology* **57**, 97–116.
- Reid, J.A. (1965) A revision of the *Anopheles aitkenii* group in Malaya and Borneo. *Annals of Tropical Medicine and Parasitology* **59**, 106–125.
- Reid, J.A. (1968) Anopheline mosquitoes of Malaya and Borneo. Studies from the Institute for Medical Research Malaysia. Government of Malaysia. Number 31. 520 pp.
- Reinert, J.F. (2005) List of species of Aedini (Diptera: Culicidae) described in the egg stage, with literature citations. *Journal of the American Mosquito Control Association* **21**, 252–262.
- Reinert, J.F. (2009) List of abbreviations for currently valid generic-level taxa in family Culicidae (Diptera). *European Mosquito Bulletin* **27**, 68–76.

- Reinert, J.F., Kaiser, P.E. & Seawright, J.A. (1997) Analysis of the *Anopheles (Anopheles) quadrimaculatus* complex of sibling species (Diptera: Culicidae) using morphological, cytological, molecular, genetic, biochemical, and ecological techniques in an integrated approach. *Journal of the American Mosquito Control Association* **13**(Supplement), 1–102.
- Reuben, R. & Suguna, S.G. (1983) Morphological differences between sibling species of the taxon *Anopheles subpictus* Grassi in India, with notes on relationships with known forms. *Mosquito Systematics* **15**, 117–126.
- Ribeiro, H. (1969) Research on the mosquitoes of Angola IV – Description of *Anopheles (Cellia) azevedoi* sp. nov. [sic] (Diptera, Culicidae) [sic]. *Anais da Escola Nacional de Saúde Pública e de Medicina Tropical, Separata* **3**, 113–123.
- Rice, J.B. & Rarber, M.A. (1937) The varieties of *Anopheles maculipennis* in a region of Greek Macedonia. *Bulletin of Entomological Research* **28**, 489–497.
- Rioux, J.A. (1958) Les culicids du “Midi” Méditerranéen. Etude systématique et écologique. Encyclopedie Entomologique. 303 pp.
- Rodriguez, M.H., Chávez, B., Orozco, A., Loyola, E.G. & Martinez-Palomo, A. (1992a) Scanning electron microscopic observation of *Anopheles albimanus* (Diptera: Culicidae) eggs. *Journal of Medical Entomology* **29**, 400–406.
- Rodriguez, M.H., Chávez, B., Orozco, A. & Martínez-Palomo, A. (1996) Fine structure of the eggs of *Anopheles (Anopheles) apicimacula* (Diptera: Culicidae). *Journal of the American Mosquito Control Association* **12**, 454–459.
- Rodriguez, M.H., Chávez, B., Hernandez-Avila, J.E., Orozco, A. & Arredondo-Jimentex, J.I. (1999) Description and morphometric analysis of the eggs of *Anopheles (Anopheles) vestitipennis* (Diptera: Culicidae) from southern Mexico. *Journal of Medical Entomology* **36**, 78–87.
- Rodriguez, M.H., Chávez, B., Ulloa, A. & Arredondo-Jimenez, J.I. (2002) Fine structure of the eggs of *Anopheles (Anopheles) punctimacula*. *Journal of the American Mosquito Control Association* **18**, 1–9.
- Rodriguez, M.H., Orozco, A., Chávez, B. & Martínez-Palomo, A. (1992b) Scanning electron microscopy of egg hatching of *Anopheles albimanus* (Diptera: Culicidae). *Journal of Medical Entomology* **29**, 887–890.
- Root, F.M. (1926) Studies on Brazilian mosquitoes. I. The anophelines of the *Nyssorhynchus* group. *The American Journal of Hygiene* **6**, 684–717 + pls. I–IX.
- Root, F.M. (1929) Tribe Anophelini – the malarial mosquitoes, pp. 483–502. In: Hegner, R., Root, F.M. & Augustine, D.L. *Animal Parasitology with special reference to man and domesticated animals*. The Century Company, New York, USA and London, UK.
- Rosa-Freitas, M.G. (1989) *Anopheles (Nyssorhynchus) deaneorum*: a new species in the *albitarsis* complex (Diptera: Culicidae). *Memórias do Instituto Oswaldo Cruz, Rio de Janeiro* **84**, 535–543.
- Ross, H.H. (1947) The mosquitoes of Illinois (Diptera, Culicidae). Natural History Survey Division, State of Illinois, Bulletin 24, Article 1. 96 pp.
- Ross, E.S. & Roberts, H.R. (1943) Mosquito atlas Part I. The Nearctic *Anopheles* [sic] important malaria vectors of the Americas and *Aedes aegypti* [sic], *Culex quinquefasciatus* [sic]. The American Entomological Society, The Academy of Natural Sciences, Philadelphia, USA. 44 pp.

- Roubaud, E. & Treillard, M. (1936) Sur une variété Portugaise de l'*Anopheles maculipennis* (groupe *atroparvus*). *Bulletin de la Société de Pathologie Exotique* **29**, 726–730.
- Roy, D.N. & Siddons, L.B. (1939) Egg of *A. philippinensis* Ludl. *Journal of the Malaria Institute of India* **2**, 159–164.
- Rozeboom, L.E. (1937a) On *Anopheles albitarsis* Lynch Arribálzaga in Panama. *The Southern Medical Journal* **30**, 950–951.
- Rozeboom, L.E. (1937b) The egg of *Anopheles pseudopunctipennis* in Panama. *The Journal of Parasitology* **23**, 538–539.
- Rozeboom, L.E. (1938) The eggs of the *Nyssorhynchus* group of *Anopheles* (Culicidae) in Panama. *The American Journal of Hygiene* **27**, 95–107.
- Rozeboom, L.E. (1942) Subspecific variations among Neotropical *Anopheles* [*sic*] mosquitoes, and their importance in the transmission of malaria. *The American Journal of Tropical Medicine* **22**, 235–255.
- Rozeboom, L.E. (1952) *Anopheles* (A.) [*sic*] *earlei* Vargas, 1943, in Montana: identity and adaptation to laboratory conditions (Diptera: Culicidae). *American Journal of Tropical Medicine and Hygiene* **1**, 477–483.
- Rozeboom, L.E. & Gabaldón, A. (1941) A summary of the ‘*tarsimaculatus*’ complex of *Anopheles* (Diptera: Culicidae). *The American Journal of Hygiene* **33** 88–100.
- Rueda, L.M., Brown, T.L., Kim, H.-C., Klein, T.A., Thongkukiattkul, A. & Sherwood, V. (2009) Description and comparison of morphological structures of the eggs of *Anopheles hyrcanus* group and related species (Diptera: Culicidae) from the Republic of Korea. *Zootaxa* **2268**, 23–40.
- Russell, P.F., Roseboom, L.E. & Stone, A. (1943) Keys to the anopheline mosquitoes of the world with notes on their identification, distribution, biology, and relation to malaria. The American Entomological Society and the Academy of Natural Sciences Philadelphia, USA. 152 pp.
- Russell, P.F., West, L.S., Manwell, R.D. & Macdonald, G. (1963) Practical malariology. Oxford University Press, London, UK. 750 pp.
- Sahlén, G. (1996) Eggshell ultrastructure in four mosquito genera (Diptera, Culicidae). *Journal of the American Mosquito Control Association* **12**, 263–270.
- Salem, H.H. (1938) The mosquito fauna of Sinai Peninsula (Egypt) with a description of two new species. de l’Université Egyptienne, Faculte de Medecine, Publication Number 16. 31 pp. + 18 figs.
- Saliternik, Z. (1942) The macroscopic differentiation of anopheline eggs according to their pattern on the surface of water. *Bulletin of Entomological Research* **33**, 221 + pl. V.
- Saliternik, Z. (1955) The specific biological characteristics of *Anopheles (Myzomyia) sergentii* (Theo.) and their correlation with malaria control in Israel. *Bulletin of Entomological Research* **46**, 445–462 + 2 pls.
- Sallum, M.A.M., Bergo, E.S., Forattini, O.P. & Fores, D.C. (2002) The eggs of *Anopheles galvaoi* and *Anopheles evansae*, two species of the subgenus *Nyssorhynchus*. *Journal of the American Mosquito Control Association* **18**, 10–15.
- Sallum, M.A.M., Foster, P.G., dos Santos, C.L.S., Flores, D.C., Motoki, M.T. & Bergo, E.S. (2010) Resurrection of two species from synonymy of *Anopheles (Nyssorhynchus) strodei* Root, and characterization of a distinct morphological form from the Strodei Complex (Diptera: Culicidae). *Journal of Medical Entomology* **47**, 504–526.

- Sedaghat, M.M., Howard, T. & Harbach, R.E. (2009) Morphological study and description of *Anopheles (Anopheles) persiensis*, a member of the Maculipennis Group (Diptera: Culicidae: Anophelinae) in Iran. *Journal of the Entomological Society of Iran* **28**, 25–35.
- Sedaghat, M.M., Linton, Y.-M., Oshaghi, M.A., Vatandoost, H. & Harbach, R.E. (2003a) The *Anopheles maculipennis* complex (Diptera: Culicidae) in Iran: molecular characterization and recognition of a new species. *Bulletin of Entomological Research* **93**, 527–535.
- Sedaghat, M.M., Linton, Y.-M., Nicolescu, G., Smith, L., Koliopoulos, G., Zounos, A.K., Oshaghi, M.A., Vatandoost, H. & Harbach, R.E. (2003b) Morphological and molecular characterization of *Anopheles (Anopheles) sacharovi* Favre, a primary vector of malaria in the Middle East. *Systematic Entomology* **28**, 241–256.
- Séguy, E. (1924) Les moustiques de l’Afrique mineure de l’Egypte et de la Syrie etude comparative des moustiques des regions Méditerranéennes, de l’Europe centrale et septentrionale leurs parasites suivi du catalogue des culicids Néarctiques et Paléarctiques. Encyclopédie Entomologique, Paul Lechevalier Editeur, Paris, France. 257 pp.
- Séguy, E. (1925) Faune de France. 12. Diptères (Nématocères piqueurs): *Ptychopteridae* [sic], *Orphnephilidae* [sic], *Simuliidae* [sic], *Culicidae* [sic], *Psychodidae* [sic] *Phlebotominae* [sic]. Paul Lechevalier, Paris, France. 109 pp.
- Senevet, G. & Andarelli, L. (1955a) Races et variétés de l’*Anopheles claviger* [sic] Meigen, 1804. *Archives de l’Institut Pasteur d’Algerie* **33**, 128–137.
- Senevet, G. & Andarelli, L. (1955b) Les *Anopheles* de l’Afrique du Nord et du Bassin Méditerranéen. Paris, France. 280 pp.
- Sergent, E. (1937) Les œufs d’*Anopheles hispaniola* [sic] Theo. *Archives de l’Institut Pasteur d’Algerie* **15**, 102–103.
- Sergent, E. & Sergent, E. (1903) Sur les moustiques des environs d’Alger. *Annales de l’Institut Pasteur* **17**, 60–67.
- Service, M.W. (1960) A taxonomic study of *Anopheles funestus funestus* Giles (Diptera: Culicidae) from southern and northern Nigeria, with notes on its varieties and synonyms. *Proceedings of the Royal Entomological Society of London (B)* **29**, 77–84.
- Shannon, R.C. & Hadjinalao, J. (1941) Egg production of Greek anophelines in nature. *Journal of Economic Entomology* **34**, 300–305.
- Silva do Nascimento, T.F. & Lourenço-de-Oliveira, R. (2002) *Anopheles halophylus*, a new species of the subgenus Nyssorhynchus [sic] (Diptera: Culicidae) from Brazil. *Memórias do Instituto Oswaldo Cruz, Rio de Janeiro* **9**, 801–811.
- Skierska, B. (1971) Klucze do oznaczania owadów Polski. Część XXVIII Muchówki – *Diptera* [sic] Zeszyt 9a Komary – *Culicidae* [sic]. Państwowe Wydawnictwo naukowe, Warszawa. 138 pp.
- Smith, C.A. (1914) The development of *Anopheles punctipennis* [sic] Say. *Psyche* **21**, 1–19.
- Sobti, S.K. (1968) A new species of the *Anopheles funestus* complex (Diptera: Culicidae) from Zanzibar, United Republic of Tanzania. *World Health Organization, Malaria Series* **68.643**. pp. 1–6 + 3 figs.
- Stanton, A.T. (1913) The *Anopheles* [sic] of Malaya. – Part I. *Bulletin of Entomological Research* **4**, 129–133.
- Stanton, A.T. (1914) The *Anopheles* [sic] of Malaya. – Part II. *Bulletin of Entomological Research* **5**, 129–132.
- Stanton, A.T. (1926) Notes on Malayan Culicidae. *Studies Institute Medical Research F.M.S.* **20**, 1–94.

- Stegnii, V.N. & Kabanova, V.M. (1976) Cytological study of indigenous populations of the malaria mosquito in the territory of the U.S.S.R. I. Identification of a new species of *Anopheles* in the *maculipennis* complex by the cytodagnostic method. *Meditsinskaya Parazitologiya i Parazitarnye Bolezni* **45**, 192–198.
- Stegnii, V.N. & Kabanova, V.M. (1978) Cytoecological study of indigenous populations of the malaria mosquito in the territory of the U.S.S.R. I. Identification of a new species of *Anopheles* in the *maculipennis* complex by the cytodagnostic method. *Mosquito Systematics* **10**, 1–12.
- Stephens, J.W.W. & Christophers, S.R. (1902a) Some points in the biology of the species of *Anopheles* found in Bengal. *Reports to the Malarial Commission of the Royal Society* **6**, 11–17.
- Stephens, J.W.W. & Christophers, S.R. (1902b) The classification of Indian *Anopheles* into natural groups. *Reports to the Malarial Commission of the Royal Society* **7**, 1–14.
- Stoddard, R.J., Cope, S.E. & Barr, A.R. (1988) Morphometric analysis of the eggs of an undescribed member of the *Anopheles maculipennis* complex in California. Proceedings and Papers of the Fifty-sixth Annual Conference of the California Mosquito and Vector Control Association, Incorporated, January 28 thru January 31, 1988. pp. 135–138.
- Stojanovich, C.J. & Scott, H.G. (1995a) Mosquitoes of Fennoscandia Finland, Sweden, Denmark, Norway. Published by the authors. 132 pp.
- Stojanovich, C.J. & Scott, H.G. (1995b) Mosquitoes of Kazakhstan. Published by the authors. 144 pp.
- Strickland, C. (1914) The comparative morphology of the anophelines *Nyssomyzomyia ludlowi*, Theo., and *N. rossi*, Giles. *Bulletin of Entomological Research* **5**, 321–324.
- Strickland, C. (1915) Note on *Anopheles brevipalpis* [sic] Roper, and description of its egg and larva. *Indian Journal of Medical Research* **3**, 201–204.
- Suguna, S.G., Rathinam, K.G., Rajavel, A.R. & Dhanda, V. (1994) Morphological and chromosomal descriptions of new species in the *Anopheles subpictus* complex. *Medical and Veterinary Entomology* **8**, 88–94.
- Sutil Oramas, E. (1976) Redescrpción de la especie *Anopheles (Nyssorhynchus) nuñez-tovari* [sic] Gabaldón, 1940, y su distribución geográfica en Venezuela. *Boletín de la Direccion de Malariologia y Saneamiento Ambiental* **16**, 33–45.
- Sweet, W.C. & Rao, B.A. (1937) Races of *A. stephensi* Liston, 1901. *Indian Medical Gazette* **72**, 665–676.
- Tajima, K. (1952) Some notes on the eggs of *Anopheles lindesayi* var. *japonicus* Yamada. *Japanese Journal of Sanitary Zoology* **3**, 90–94.
- Teng, T., Chien, H.-L., Klang, Y.-C., Ho, C. & Yang, H.-S. (1979) Morphological description of *Anopheles balabacensis balabacensis* Baisas. *Acta Entomologica Sinica* **17**, 463–473.
- Theobald, F.V. (1901) A monograph of the Culicidae or mosquitoes. Mainly compiled from the collections received at the British Museum from various parts of the world in connection with the investigation into the cause of malaria conducted by the Colonial Office and the Royal Society. British Museum (Natural History), London, UK. 424 pp.
- Theobald, F.V. (1903) A monograph of the Culicidae or mosquitoes. Mainly compiled from the collections received at the British Museum from various parts of the world in connection with the investigation into the cause of malaria conducted by the Colonial Office and the Royal Society. British Museum (Natural History), London, UK. 359 pp. + pls. I–XVII.

- Theobald, F.V. (1910) A monograph of the Culicidae or mosquitoes. Mainly compiled from the collections received at the British Museum. British Museum (Natural History), London, UK. 646 pp. + pls. I–VI.
- Theodor, O. (1925) Observations on Palestinian *Anopheles*. *Bulletin of Entomological Research* (1924) **15**, 377–382.
- Ulmanen, I. & Brummer-Korvenkontio, M. (1971) *Anopheles messeae messeae* [sic] Falleroni (Dipt., Culicidae) in Finland. *Acta Entomologica Fennica* **28**, 43–45.
- Unti, O. (1940) Anofelinos do vale do Paraíba nova variedade e ciclo evolutivo do *Anófeles* [sic] (*Nyssorhynchus*) *Oswaldoi* [sic] Var. [sic] *Ayrozai* [sic] N.Var [sic]. *Annaes Paulistas de Medicina e Cirurgia* **40**(11), 377–392.
- Unti, O. (1941) Anofelinos do Vale do Paraíba *Anopheles* (*Nyssorhynchus*) *strodei* [sic] Root, 1926 com a descrição de tres variedades novas. *Departamento de Saude do Estado, Serviço de Profilaxia da Malária, São Paulo, Brazil* **33**, 3–18.
- Unti, O. (1942) Anofelinos do Vale do Paraíba nova variedade e ciclo evolutivo do *Anopheles* (*Nyssorhynchus*) *oswaldoi* var. [sic] *ayrozai* n. var. [sic]. *Departamento de Saude do Estado, Serviço de Profilaxia da Malária, São Paulo, Brazil* **7**(15), 363–375.
- Urbino, C.M. (1936) The eggs of some Philippine *Anopheles* [sic]. *Monthly Bulletin of the Bureau of Health Philippines* **16**, 261–275 + pls. I–VI.
- Vargas, L. (1941) Nota sobre los huevecillos de *Anopheles* [sic] mexicanos. *Gaceta Medica de Mexico* **71**, 107–123.
- Vargas, L. (1942a) El huevecillo de *Anopheles* (*Anopheles*) *eiseni* Coquillett, 1902. *Revista del Instituto de Salubridad y Enfermedades Tropicales* **3**, 185–187.
- Vargas, L. (1942b) El huevo de *Anopheles barberi* Coquillett, 1903. *Revista del Instituto de Salubridad y Enfermedades Tropicales* **3**, 329–331.
- Vargas, L. (1946) El *Anopheles darlingi* Root, 1926 en Mexico. *Revista del Instituto de Salubridad y Enfermedades Tropicales* **7**(4), 221–226.
- Vargas, L. (1950) Nota sobre la distribución holártica del grupo *maculipennis* y del subgénero *Coelodiazesis*. *Missirolimyia*, nov. subg. de *Anopheles*. (Diptera: Culicidae). *Rivista di Parassitologia* **11**, 73–84.
- Vargas, L. & Martinez Palacios, A.M. (1942) *Anopheles hectoris* Mira, 1931. *Revista del Instituto de Salubridad y Enfermedades Tropicales* **3**, 177–184.
- Vargas, L. & Martinez Palacios, A.M. (1946) Descripción del huevo, larva y pupa de *Anopheles gabaldoni* Vargas, L. (1941). *Revista del Instituto de Salubridad y Enfermedades Tropicales* **7**, 19–27.
- Vargas, L. & Martinez Palacios, A.M. (1950) Estudio taxonómico de los mosquitos anofelinos de México. Secretaria de Salubridad y Asistencia, Oficina de la Campaña Nacional Contra el Paludismo, Mexico, D.F. 143 pp.
- Vargas, L. & Martinez Palacios, A.M. (1956) Anofelinos mexicanos taxonomia y distribución. Secretaria de Salubridad y Asistencia, Comisión Nacional para la Erradicación del Paludismo, Mexico, D.F. 181 pp.
- Vincke, I. & Leleup, N. (1949) Description de la puppe, de la larve et de l'œuf de *Anopheles concolor* Edwards. *Revue de Zoologie et de Botanique Africaines, Bruxelles* **42**, 245–247.
- Walch, E.W. & Walch-Sorgdrager, G.B. (1934) The eggs of some Netherlands-Indian anophelines. *Transactions Ninth Congress, Far Eastern Association of Tropical Medicine, Nanking* **2**, 65–81.

- Walch, E.W. & Walch-Sorgdrager, G.B. (1935) De eieren van eenige Anophelinen in Ned-Indie. *Geneeskundig Tijdschrift voor Nederlandsch-Indië* **75**, 1700–1730.
- Weyer, F. (1954) Bestimmungsschlüssel für die *Anopheles* [*sic*] -Weibchen und-Larven in Europa, Nordafrika und Westasien. Johann Ambrosius Barth, Vergag, Leipzig, Germany, Merkblatt 12, 38 pp.
- White, G.B. (1978) Systematic reappraisal of the *Anopheles maculipennis* complex. *Mosquito Systematics* **10**, 13–44.
- White, G.B. (1985) *Anopheles bwambae* sp. n., a malaria vector in the Semliki Valley, Uganda, and its relationships with other sibling species of the *An. gambiae* complex (Diptera: Culicidae). *Systematic Entomology* **10**, 501–522.
- Woodhill, A.R. & Lee, D.J. (1944) The subspecies of *Anopheles amictus* Edwards (Diptera, Culicidae). *Proceedings of the Linnean Society of New South Wales* **69**, 62–66.
- Wu, S.-C. (1936) The eggs of some Chinese anopheline mosquitoes. *Entomologie et Phytopathologie, Hongchow* **4**, 261–273.
- Xu, J.-J. & Feng, L.-C. (1975) Studies on the *Anopheles hyrcanus* group of mosquitoes in China. *Acta Entomologica Sinica* **18**, 77–98 + pls. I–VI.
- Xu, J. & Luo, X. (1998) A new species of *Anopheles hyrcanus* group from Nei Mongol Autonomous Region (Diptera: Culicidae). *Chinese Journal of Parasitology and Parasitic Diseases* **16**, 45–52.
- Xu, J., Xhao, M. & Ma, J. (1981) Comparative studies on the scanning electron micrographs of *Anopheles sinensis* Wied. and *Anopheles lesteri* anthropophagus Xü et Feng. *Entomotaxonomica* **3**(4), 265–272.
- Yao, Y.-C. & Wu, C.-C. (1944) A new anopheline mosquito, *Anopheles kweiyangensis*, sp. n. from Kweiyang, Kweichow. *National Medical Journal of China (Chungking Edition)* **30**, 1–10.
- Yamada, M. (1936) Four kinds of anopheline mosquitoes in Chosen. *Keijo Journal of Medicine* **7**, 191–210 + pls. VII–XVI.
- Yamada, M. (1937) A new species of *Anopheles* in Chosen (Korea). *Keijo Journal of Medicine* **8**, 237–255.
- Zavortink, T.J. & Poinar, G.O. Jr. (2000) *Anopheles (Nyssorhynchus) dominicanus* sp. n. (Diptera: Culicidae) from Dominican amber. *Annals of the Entomological Society of America* **93**, 1232–1235.

Diversity of anopheline species and their Plasmodium infection status in rural Bandarban, Bangladesh. *Parasit Vectors*. 2012;5:150.Â
Taaï K, Harbach RE. Systematics of the *Anopheles barbirostris* species complex (Diptera: Culicidae: Anophelinae) in Thailand. *Zool J Linn Soc*. 2015;174:244â€“64.