

SUPPLEMENT TO A CATALOG
OF THE
MOSQUITOES
of the WORLD



THE THOMAS SAY FOUNDATION
SUPPLEMENT TO VOLUME VI . . . 1978



SUPPLEMENT TO
A CATALOG OF THE MOSQUITOES OF THE WORLD
(DIPTERA: CULICIDAE)

by

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(cutoff date December 31, 1977)

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INTRODUCTION

Although published in 1977, *A Catalog of the Mosquitoes of the World* by Knight and Stone includes only literature appearing before January 1, 1974. Through funding provided by the U. S. Army Medical Research and Development Command (Research Contract No. DADA 17-72-C-2113) it has been possible in this supplement to update the catalog through December 1977. Additionally, wherever noted errors and omissions occurring in the 1977 volume have been adjusted.

This supplement includes 1 new name of the genus group and 111 new names of the species group. Regarding members of the species group, numerous generic and subgeneric reassignments are given and many changes in their status are included. Previously unpublished information has not been used.

The format and procedural policies employed in the catalog have been utilized throughout (see pp. 1-7 of the catalog). Three major classes of entries occur in this supplement. The first class comprises corrections to the 1977 catalog and are marked by the symbol #. The second consists of new taxa and these entries are indicated in the margin by the symbol +. The third class includes new references annotated to content. Throughout, underlining is used to indicate non-entry words descriptive of the action to be taken with each entry. Entries *per se* are not underlined.

The actual accomplishment of this work has been possible only because of the indefatigable zeal and professional expertise of Mrs. Ruth B. Pugh. Only her patience and dedication throughout the long process of information retrieval and manuscript preparation has made completion of this task possible.

It is with gratitude that I acknowledge the financial support of the U. S. Army Medical Research and Development Command and the help of the personnel in that Command responsible for the administration of the contract. As before, we are deeply indebted to Dr. Ronald A. Ward, Medical Entomology Project, Smithsonian Institution for his invaluable assistance in assembling the necessary literature. I am grateful to Mrs. Helen Sollers-Riedel for the "Literature References to Mosquitoes and Mosquito-Borne Diseases" section which appears in each issue of *Mosquito News* and which served as a basis for the literature search.

The following individuals generously called my attention to errors and omissions in the catalog and to literature items previously missed: J. N. Belkin, R. F. Darsie, Jr., B. A. Harrison, Robert Hochman, J. B. Kitzmiller, P. F. Mattingly, G. B. White and R. W. Williams.

CATALOG OF THE FAMILY CULICIDAE

Cat. p.

General Publications

9. **General.** — Add Reinert 1975:105-110 (generic and subgeneric abbreviations). Kitzmiller 1976:315-433 (genetics, cytogenetics, evolution). Gatti, Santini, Pimpinelli and Coluzzi 1977:105-108 (fluorescence banding ident. techniques). Saul, Grimstad and Craig 1977:1009-1012 (spp. ident. by electrophoresis). Saul, Sinsko, Grimstad and Craig 1977:705-708 (gel electrophoresis for sp. ident.).
- Taxonomic Anatomy.** — Add Gutsevich 1974a:243-250, 251-258 (generic keys based on microscopic preparation of female head). Hochman and Reinert 1974:1-10 (new larval setae). Reinert 1974b:46-56 (female terminalia, Aedini). Mattingly 1975b:179-184 (larval hairiness factor). Marks 1976:110 (pupal chaetotaxy). Reinert 1976a:205-208 (larval structure). Knight and Harbach 1977:455-477 (larval maxillae).
- General Taxonomy.** — Add Vargas 1972:204-206 (New World, keys to genera, in Spanish). Mattingly 1973:37-107 (keys to genera).
- Australian Region.** — Add Maffi and Taylor 1974:197-210 (Santa Cruz faunal subarea). Nowell 1976:9-385 (bibliography, mosquito species and mosquito-borne diseases of Guam). Ramalingam 1976:298-318 (keys, biol., distr., Samoa and Tonga). Huang 1977c:289-322 (pictorial keys for Polynesia).
- Ethiopian Region.** — Add Da Cunha Ramos and Ribeiro 1975:111-141 (Angola). Gerberg and Arnett 1976:343-346 (Seychelles; key to larvae).
- Nearctic Region.** — Add Carpenter 1974:73-99 (literature review for N. Amer., suppl. II). Siverly and Shroyer 1974:167-200 (illus. & key, Indiana). Wolff and Nielsen 1976:413-439 (mountain *Aedes* dispersal patterns in s.w. U.S.A.).
10. **Neotropical Region.** — Add Diaz Najera and Vargas 1973:111-125 (Mexico). Belkin and Heinemann 1975a:269-296 (coll. records for Puerto Rico, Virgin Is.). Belkin and Heinemann 1975c:367-393 (coll. records for Bahama Is., Cayman Is., Cuba, Haiti, Lesser Antilles). Panday 1975:141-146 (Surinam). Belkin and Heinemann 1976a:123-162 (coll. records for Leeward Is.: Anguilla, Antigua, Barbuda, Montserrat, Nevis, St. Kitts). Belkin and Heinemann 1976b:163-193 (coll. records for Guadeloupe and Martinique). Xavier and Da Silva Mattos 1976:386-412 (*Culicinae* distr., Brazil). Heinemann and Belkin 1977b:403-454 (Central America). Heinemann and Belkin 1977c:483-535 (Mexico).
- North Pacific Region.** — Add Valder, Hoskins and Ramos 1976:365-366 (Mariana Is.).
- Oriental Region.** — Add Mangkoewinoto 1919:41-82 (w. Java). Chow, Thevasagayam and Tharumarajah 1954:105-150 (Sri Lanka). Baisas 1974:1-170 (Luzon, P. Is.). Harrison, Reinert, Sirivanakarn, Huang, Peyton and De Meillon 1974:142-162 (Sri Lanka). Tanaka, Saugstad and Mizusawa 1975:207-233 (Ryukyu Archipelago). Sirivanakarn 1976:1-272 (revision

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10. subg. *Culex*. Lien, Kawengian, Partono, Lami and Croll 1977:719-727 (Sulawesi). Sirivanakarn 1977a:1-245 (*Culex (Lopho.)* revision).

Palearctic Region. — Add Dahl 1974:57-73 (Sweden). Gutsevich, Monchadsky and Stackelberg 1974:1-408 (U.S.S.R.; in English). Margalit and Tahori 1974:77-91 (Israel). Danilov 1975a:732 (n.w. Iran). Minar 1976:335-350 (Mongolia). Utrio 1976:128-136 (Finland). Dahl 1977:59-69 (Sweden).

ANOPHELTINAE

Cat. p.

Anopheles

11. Important references: Add Bonne-Wepster and Swellengrebel 1953: 1 (Indo-Australian Region). Coluzzi and Kitzmiller 1975:285 (genetics). Cova Garcia and Sutil Oramas 1975a:201 (illus ♀ key, Venezuela). Cova Garcia and Sutil Oramas 1975b:6 (illus. larval key, Venezuela). Harrison and Klein 1975:9 (Cambodia). Ribeiro and Da Cunha Ramos 1975: 1 (Angola; ♀, L keys). Vargas 1975:77 (♀ key, Costa Rica). Cova Garcia and Sutil Oramas 1976a:13 (♂ terminalia keys, Venezuela). Cova Garcia and Sutil Oramas 1977:1 (keys, Venezuela). Kitzmiller 1977: 122 (chromosomes). White 1977:1 (potential of morphological studies of *Anopheles* spp. complexes).

Anopheles (Anopheles)

12. Important references: Add Harrison and Scanlon 1975:1 (Thailand, revision). Xu and Feng 1975:77 (*hyrcanus* group in China). Floore, Harrison and Eldridge 1976:1 (tax. *crucians* subgroup). Guy, Salieres and Boesiger 1976:227 (study of *maculipennis* complex). Stegani and Kabanova 1976:192 (cytogenetics of *maculipennis* complex).

Anopheles, subgenus *Shannonesia*. # Delete in A. Neiva 1940.

- + **aberrans** Harrison and Scanlon. Thailand, ?Malaysia (Peninsular). 1975:152 (♂*, ♀*, P*, L*). Type-loc: Doi Suthep, Muang, Chiang Mai, Thailand (USNM).
13. **algeriensis**. Add Gutsevich, Monchadsky and Stackelberg 1974:82 (♂*, ♀, L*).
- argyropus**. Replace distr. with Indonesia (Sumatra, Java), Cambodia, India (Assam), Malaysia (Peninsular), Vietnam. Add Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975: 50 (♂*, ♀*, P*, L*; distr.).
- asiaticus**. # Correct orig. descrip. from 1908 to 1903. Add Harrison and Scanlon 1975:136 (♂*, ♀*, P*, L*).
14. **atroparvus**. Add Fraccaro, Laudani, Marchi and Tiepolo 1976:27 (chromosomes).
- atropos**. Add Floore, Harrison and Eldridge 1976:37 (A, P, L; tax.).
- baezai**. Replace distr. with Malaysia (Peninsular), Thailand, Cambodia, Vietnam, Indonesia (Sumatra, Java), Singapore, Philippines, Guam. Add Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:114 (♂*, ♀*, P*, L*; lectotype desig.; distr.).
15. **barbirostris**. Add Ameen and Talukdar 1974c:92 (P*). Harrison and Scanlon 1975:83 (♂*, ♀*, P*, L*). Lien, Kawengian, Partono, Lami and Cross 1977:721 (tax.).

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15. **barbumbrosus**. Replace distr. with Indonesia (Sumatra, Java), Thailand, India, Nepal, Sri Lanka, Cambodia, Vietnam, Malaysia (Peninsular), Taiwan. Add Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:102 (δ^* , φ^* , P*, L*; distr.).
- + **beklemishevi** Stegnii and Kabanova. U.S.S.R. 1976:6 (E*, chromosomes*). Type-loc. and type specimens not designated.
- bengalensis**. Replace distr. with India, Burma, Thailand, Vietnam, Japan (Amami Is.), Hong Kong, Taiwan, Malaysia (Peninsular), Philippines, ?Indonesia. Add Kanda and Kamimura 1967:108 (δ^* , φ^* , P*, L*; distr.). Harrison and Scanlon 1975:157 (δ^* , φ^* , P*, L*; distr.).
- bradleyi**. Add Floore, Harrison and Eldridge 1976:30 (δ^* , φ^* , P*, L*; tax.).
16. **bulkleyi**. Add Harrison and Scanlon 1975:134 (δ).
- caliginosus**. Add Angola. Ribeiro and Da Cunha 1975:13 (distr.).
- campestris**. Add Cambodia. Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:89 (δ^* , φ^* , P*, L*).
- claviger**. Add Gutsevich, Monchadsky and Stackelberg 1974:86 (δ^* , φ^* , L*). Utrio 1975:63 (distr.). Utrio 1976:129,130 (L*).
- concolor**. Add Angola. Ribeiro and Da Cunha Ramos 1975:15 (distr.).
- coustani**. Delete Israel. Add Gabon. Margalit and Tahori 1974:80 (distr.). Service 1976:260 (distr.).
17. **crawfordi**. Replace distr. with Malaysia (Peninsular), India (Assam), Cambodia, Vietnam, Indonesia (Sumatra). Add Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:54 (δ^* , φ^* , P*, L*; distr.).
- crucians**. Add Costa Rica, El Salvador. Vargas 1975:77 (distr.). Floore, Harrison and Eldridge 1976:15 (δ^* , φ^* , P*, L*; tax.). Darsie, Merino and Wilton 1977:645 (*crucians* subgroup sp. from Pacific Coast, El Salvador).
- donaldi**. Add Harrison and Scanlon 1975:17 (δ^* , φ^* , P*, L*).
18. **fragilis**. Add Harrison and Scanlon 1975:162 (δ^* , φ , P*, L*).
- treacherii*. Add lectotype desig. to Reid 1965:109 ref.
19. **georgianus**. Add Floore, Harrison and Eldridge 1976:40 (δ^* , φ^* , P*, L*; tax.).

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20. **hodgkini**. Add Cambodia, Thailand. Harrison and Klein 1975:10 (distr). Harrison and Scanlon 1975:97 (♂*,♀*,P*,L*; distr.).
- hyrcanus**. Add Gutsevich, Monchadsky and Stackelberg 1974:105 (♂*,♀*,L*). Margalit and Tahori 1974:80 (disappearance from Israel). Gutsevich 1976:148 (tax.).
21. **implexus**. Add Angola. Ribeiro and Da Cunha Ramos 1975:15 (distr.).
- insulaeflorum**. Add Vietnam. Harrison and Scanlon 1975:167 (♂*,♀*,P*,L*; distr.).
- interruptus**. Replace distr. with India, Malaysia (Sabah), Cambodia, Brunei, Vietnam, China, Thailand, Sri Lanka. Add Ramalingam 1974:147 (distr.). Harrison and Scanlon 1975:140 (♂*,♀*,P*,L*; distr.).
- + **kiangsuensis** Xu and Feng. China. 1975:86,98 (♀,E*). Type-loc: Wukiang, Kiangsu Province, China (Chinese Medical College, ?Shanghai).
22. **kyondawensis**. Add Thailand. Harrison and Scanlon 1975:179 (L*; distr.).
- lesteri**. Add Kanda and Oguma 1976:325 (tax.). Otsuru, Nagashima, Nakamura and Kishimoto 1976:301 (E).
- ssp. **paraliae**. Replace distr. with Malaysia (Peninsular), Singapore, Thailand, Vietnam, Brunei. Add Harrison and Scanlon 1975:61 (♂*,♀*,P*,L*; distr.).
- + ssp. **anthropophagus** Xu and Feng. China. 1975:81,97 (♂*,♀*,P*,L*,E*). Type-loc: Wukiang, Kiangsu Province, China (Chinese Medical College, ?Shanghai).
- letifer**. Replace distr. with Malaysia (Peninsular, Sarawak), Singapore, Cambodia, Vietnam, Indonesia (Kalimantan, Sumatra), Thailand. Add Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:118 (♂*,♀*,P*,L*; distr.).
- lindesayi**. Add Gutsevich, Monchadsky and Stackelberg 1974:102 (♂*,♀,L*).
23. **maculipennis**. Add Gutsevich, Monchadsky and Stackelberg 1974:92 (tax.).
24. **minor**. Add French Guiana. Fauran and Pajot 1974a:100 (distr.).
- montanus**. Add Harrison and Scanlon 1975:34 (♂*,♀*,P*,L*).
25. **neomaculipalpus**. Delete British Honduras. Add Belize. Heinemann and Belkin 1977b:414 (distr.).

Cat. p.

25. *nigerrimus*. Replace distr. with India, Sri Lanka, Burma, Thailand, Cambodia, Vietnam, Malaysia (Peninsular, Sarawak), Indonesia (Java, Sumatra), Bangla Desh. Add Ameen and Talukdar 1974c:91 (P*). Harrison and Scanlon 1975:65 (♂*,♀*,P*,L*; distr.).
- nitidus*. Replace distr. with Malaysia (Peninsular, Sarawak), Cambodia, India (Assam), Indonesia (Sumatra), Vietnam, Thailand. Add Harrison and Scanlon 1975:58 (♂*,♀*,P*,L*; distr.).
- obscurus*. Add Angola, Gabon. Ribeiro and Da Cunha Ramos 1975:15 (distr.). Service 1976:260 (distr.).
26. *palmatus*. Add Harrison and Scanlon 1975:173 (♂*,♀*,P*,L*).
- paludis*. Add Gabon. Service 1976:260 (distr.).
- peditaeniatus*. Replace distr. with Malaysia (Peninsular), India, Nepal, Burma, Thailand, Cambodia, China, Sri Lanka, Philippines, Indonesia, Borneo. Add Harrison and Scanlon 1975:71 (♂*,♀*,P*,L*; distr.).
- peryassui*.
- lutzi*. Change Cruz 1907a:3 to Cruz 1907a:271.
27. + *pililotum* Harrison and Scanlon. Indonesia (Ambon, Ceram), Philippines (Luzon, Mindanao, Negros, Palawan). 1974:33 (♂*,♀*,P*,L*). Type-loc: Baong, N. Eciija, Luzon, Philippines (USNM).
- plumbeus*. Add Gutsevich, Monchadsky and Stackelberg 1974:84 (♂*,♀,L*²).
- pollicaris*. Add Harrison and Scanlon 1975:100 (♂*,♀*,P*,L*).
28. *punctimacula*. Add Surinam. Panday 1975:143 (distr.).
29. *punctipennis*. Add Kreutzer 1977:265 (relationship to *maculipennis* group).
- pursati*. Add Harrison and Scanlon 1975:75 (♂*,♀*,P*,L*).
- roperi*. Replace distr. with Malaysia (Peninsular, East), India (Assam), Indonesia (Sumatra), Cambodia. Add Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:124 (♂*,♀*,P*,L*; distr.).
30. *separatus*. Add Cambodia, Vietnam. Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:128 (♂*,♀*,P*,L*; distr.).

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30. **sinensis**. Replace distr. with China (Canton, Yunnan), Hong Kong, Japan (Ryukyus), Taiwan, India (Assam), Burma, Cambodia, Vietnam, Malaysia (Peninsular), Singapore, Korea. Add Ree, Self, Hong and Lee 1973:383 (distr.). Harrison and Scanlon 1975:45 (δ^* , φ^* , P*, L*; distr.). Kanda and Oguma 1976:325 (A*; tax.). Otsuru, Nagashima, Nakamura and Kishimoto 1976:301 (E). Kanda and Oguma 1977:115 (hybridization with *sine-roides*).
- jesoensis*. # Add [variously spelled also as *jesoensis* and *yezoensis*].
- sineroides**. Add Kanda and Oguma 1977:115 (hybridization with *sinen-sis*).
31. **sintonoides**. Add Harrison and Scanlon 1975:181 (δ^* , φ^* , P*, L*).
- stricklandi**. Add Harrison and Scanlon 1975:171 (δ^* , φ , P*, L*).
- tenebrosus**. Add Angola, Gabon. Ribeiro and Da Cunha Ramos 1975:14 (distr.). Service 1976a:260 (distr.).
- tigertti**. Add Harrison and Scanlon 1975:164 (δ^* , φ , P*, L*).
- umbrosus**. Add Harrison and Scanlon 1975:110 (δ^* , φ^* , P*, L*).
32. **walkeri**. Add Kitzmiller, Joslyn and Kreutzer 1974:22 (chromosomes).
- whartoni**. Replace distr. with Malaysia (Peninsular), Thailand, Cambodia. Add Harrison and Klein 1975:10 (distr.). Harrison and Scanlon 1975:122 (δ^* , φ^* , P*, L*; distr.).
- yatsushiroensis**. Add Korea. Hong and Ree 1968:118 (δ^* , φ^* ; distr.).
- ziemanni**. # Correct "Greunberg" to Gruenberg. Add Gabon. Service 1976:261 (distr.).

Anopheles (Cellia)

33. Important references: Add Bryan 1974:413 (morph. studies of *praetulus* complex). Mattingly 1977:323 (*gambiae* complex).
- aconitus**.
- brahmacharii*. Add Brahmachari Bahadur 1912:186 (A). [May antedate Christopher's description - study needed.]
- amictus**.
- ssp. **hilli**. To p. 42 as valid species.
34. **annularis**. Add Ameen and Talukdar 1974c:90 (P*).
- arabiensis**. From p. 41. Add People's Democratic Republic of Yemen, Saudi Arabia. White 1975:311 (resurrection from syn. with *gambiae*; distr.). Mattingly 1977:324 (tax.).

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35. **aruni.** Add De Meillon, Van Eeden, Coetzee, Coetzee, Meiswinkel, Du Toit and Hansford 1977:657 (tax. of *aruni* ?).
- balabacensis.** Add Hainan I. Teng, Chien, Wang, Ho and Yang 1974: 463 (♀*,P*,L*,E*; distr.).
36. **brohierii.** Add Nigeria. Service 1977: 234 (♀*; distr.).
- cinctus.** Add Angola. Ribeiro and Da Cunha Ramos 1975:16 (distr.).
37. **courdurieri.** # Spelling corrected from *cordurieri*.
- + **crispipalpis** Service. Nigeria. 1977b:233 (♀*). Type-loc: Kafanchan, Kagoro Hills of Jos-Plateau, Nigeria (BM).
- cydippis.** Add Angola. Ribeiro and Da Cunha Ramos 1975:28 (distr.).
38. + **deaconi** De Meillon and Van Eeden. South Africa. 1976:336 (♂,♀,P*,L*). Type-loc: Voorsorg, Upington, Cape Province, South Africa (SAIM).
- demeilloni.** Add Angola. Ribeiro and Da Cunha Ramos 1975:21 (distr.).
- distinctus.** Add Angola. Ribeiro and Da Cunha Ramos 1975:20 (distr.).
- dthali.** # Delete one listing of Morocco.
- durenii.** Add Angola. Ribeiro and Da Cunha Ramos 1975:16 (distr.).
- ssp. **millecampsi.** Add White 1975:314 (tax.).
39. **farauti.** Add Bryan 1974:413 (tax.).
- flavicosta.** Add Angola. Ribeiro and Da Cunha Ramos 1975:22 (distr.).
- flavirostris.** Add Timor. Da Costa Pinhao 1974:470 (distr.).
- fluviatilis.** Add Chowdaiah and Seetharam 1975:495 (chromosomes*).
40. **listonii.** Add Christophers 1911:66 (E*).
- funestus.** Add De Meillon, Van Eeden, Coetzee, Coetzee, Meiswinkel, Du Toit and Hansford 1977:657 (tax.).
- fuscivenosus.** Add Angola. Ribeiro and Da Cunha Ramos 1975:18 (distr.).
- gambiae.** Add White 1973:249 (cytogenetics, systematics, sp. D). Reid 1975a:1 (tax.). Reid 1975b:299 (nupal diff. of spp. A and B). White 1975:313 (tax.). Mahon, Green and Hunt 1976:25 (diagnostic allozymes, *gambiae* complex). Gatti, Santini, Pimpinelli and Coluzzi 1977:105 (fluorescence banding ident. techniques, *gambiae* complex). Mattingly 1977:323 (*gambiae* complex).

Cat. p.

41. *gambiae*.
costalis. Add Mattingly 1977:323 (tax.).
gracilis. Add Mattingly 1977:324 (tax.).
arabiensis. To p. 34 as valid species.
quadriannulatus. To p. 50 as a valid species.
hancocki. Add Gabon. Service 1976a:260 (distr.).
42. *hargreavesi*. Add Gabon. Service 1976a:260 (distr.).
hilli. From p. 33. Add Colless 1976:222 (as valid sp.).
43. *koliensis*. Add Bryan 1974:413 (tax.).
leesoni. Add Angola. Ribeiro and Da Cunha Ramos 1975:18 (distr.).
44. *leucosphyrus*. Replace distr. with Indonesia (Sumatra), Malaysia (Peninsular, Sabah, Sarawak). Add Ramalingam 1974:147 (distr.).
limosus. From p. 56. Add Ramalingam 1974:147 (as valid sp.).
litoralis. Delete ?Borneo. Add Mariana Is. (Guam), Malaysia (Sabah). Ramalingam 1974:147 (distr.). Ward, Jordan, Gillogly and Harrison 1976:99 (distr.).
tongipalpis. Add Angola. Ribeiro and Da Cunha Ramos 1975:22 (distr.).
- ludlowae*.
cabrerai. From ssp. status with ludlowae. Add Baisas 1974:66 (A*,P). Darsie and Cagampang-Ramos 1977:123 (syn.).
46. *marshalli*. Delete Madagascar. Add Gabon. White 1975:315,317 (*neireti* Ventrillon incorrectly assoc. with this sp. as *neireti* Blanchard, an invalid comb.; distr.). Service 1976a:261 (distr.).
neireti. Delete; see marshalli, White 1975.
- melas*. Add Gabon. Service 1976a:261 (distr.). Mattingly 1977:325 (tax.).
- merus*. Add Mahon, Green and Hunt 1976:25 (diagnostic allozymes). Mattingly 1977:326 (tax.).
47. *minus*.
vincenti. # Correct ♂ to ♀.
- moucheti*. Add Gabon. Service 1976:260 (distr.).

Cat. p.

48. *nili*. Add Angola. Ribeiro and Da Cunha Ramos 1975:16 (distr.).
49. *pampanai*. # Correct ♂ to ♂*. Add Reid 1976:111 (lectotype desig.).
50. *pulcherrimus*. Add Gutsevich, Monchadsky and Stackelberg 1974:110 (♂*,♀,L*).
- punctulatus*. Add Bryan 1974:413 (tax.).
- quadriannulatus*. From p. 41. Add Republic of South Africa. White 1975:315 (tax.). Mattingly 1977:325 (resurrection from syn. with *gambiae* to provide name for *gambiae* C).
51. *rivulorum*. Add Angola. Ribeiro and Da Cunha Ramos 1975:18 (distr.).
- rufipes*. # Delete one listing of Nigeria. Add Angola, Gabon. Ribeiro and Da Cunha Ramos 1975:27 (distr.). Service 1976: 261 (distr.).
52. *schwetzi*. Add Angola. Ribeiro and Da Cunha Ramos 1975:22 (distr.).
- smithii*. Add Gagon. Service 1976: 261 (distr.).
54. *subpictus*. Add Cambodia. Ameen and Talukdar 1974c:89 (P*). Harrison and Klein 1975:11 (distr.).
- superpictus*. Add Gutsevich, Monchadsky and Stackelberg 1974:114 (♂*,♀*,L*).
55. *theileri*. Add Angola. Ribeiro and Da Cunha Ramos 1975:20 (distr.).
56. + *ungujae* White. Tanzania (Zanzibar). 1975:316 (♀). Type-loc: Kibonde, Nzungu, Zanzibar (BM).
- upemba*. Add White 1975:316 (for location of type substitute CMT for BM).
- vagus*. Add Ameen and Talukdar 1974c:88 (P*).
- ssp. limosus*. To p. 44 as valid species.
57. *wellcomei*.
- ssp. ugandae*. Add Angola. Ribeiro and Da Cunha Ramos 1975:20 (distr.).
- Anopheles (Kerteszia)**
58. + *hilli* Cova Garcia, Pulido F. and De Ugueto. Venezuela. 1976:344 (♂*,♀*,P*,L*). Type-loc: La Chimenea, Municipality Altamira, State of Barinas and Mata Mulas, Municipality Delicias, State of Tachira, Venezuela (ND). [Jr. homonym - needs renaming.]
- homunculus*. Add Guianas.
59. *neivai*. Add French Guiana. Baerg and Boreham 1974a:629 (E*).

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Anopheles (Lophopodomyia)

59. *squamifemur*. Add Costa Rica. Boreham and Baerg 1974:564 (♂*,P*,L*,E*; tax.). Vargas 1975:77 (distr.).

Anopheles (Nyssorhynchus)

Manguinhosia. # Change Cruz 1907a:3 to Cruz 1907a:271.

60. *albitarsis*. Add Kreutzer, Kitzmiller and Rabbani 1976:473 (chromosomes).
61. *argyritarsis*. Add Kreutzer, Kitzmiller and Rabbani 1975:354 (salivary chromosomes*).
62. *braziliensis*.

pessoai. # Change orig. description date to 1936(1937a).

63. *nuneztovari*. Add Sutil Oramas 1976:33 (♂*,♀*,P*,L*,E*).

Anopheles (Stethomyia)

65. *kompf*. Add Kitzmiller, Kreutzer and Rabbani 1976:483 (chromosomes).

Bironella

66. Add Important reference: Tenorio 1977:317 (generic revision).

Bironella (Bironella)

brugi. To p. 67 as syn. of *papuae*.

confusa. To p. 67 as type sp. of n. subgenus *Neobironella*.

67. *gracilis*. Add Tenorio 1977:323 (♂*,♀*,P*,L*).

papuae. To subgenus *Neobironella*

- + *simmondsi* Tenorio. Northern Australia. 1977:331 (♂*,♀*,L). Type-loc: Dinner Creek, Innisfail, Queensland, Australia (UQ).

soesiloi. To subgenus *Neobironella*.

Bironella (Brugella)

Important references: Add Tenorio 1975:734 (keys).

hollandi. Add Tenorio 1977:335 (♂*,♀*,P*,L*).

Cat. p.

67. + *obscura* Tenorio. New Guinea.
1975:734 (♂*,♀,P*,L*). Type-loc: Sepik, Vanimo, Daunda, Sepik District, n.e. New Guinea (BBM). Tenorio 1977:339 (♂*, P*,L*).

travestita. Add Tenorio 1977:342 (♂*,♀,P*,L*; lectotype desig.).

- + *Bironella* (*Neobironella*) Tenorio 1977:345. Orthotype: *Bironella confusa* Bonne-Wepster.

confusa. Add Bismarck Archipelago. From p. 66 to become type species. Add Tenorio 1977:345 (♂*,♀,P*,L*; subg. transfer; distr.).

papuae. From subgenus *Bironella*. Add Australia. Tenorio 1977:352 (♂*,♀; subg. transfer; distr.).

brugi. From p. 66. Add Tenorio 1977:352 (syn.).

soesiloi. From subgenus *Bironella*. Add Tenorio 1977:355 (♂*,♀,P*; subg. transfer).

Chagasia

bathana. Add French Guiana. Baerg and Boreham 1974b:631 (E*). Fauran and Pajot 1974a:100 (distr.).

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CULICINAE

69. Add Important reference: Xavier and Da Silva Mattos 1975:234 (distr., Brazil).

Aedeomyia

Important references: Add Marks 1975:111 (tax.).

Aedeomyia (Aedeomyia)

squamipennis. Add Belize, Nicaragua. Heinemann and Belkin 1977b: 414,452 (distr.).

Aedeomyia (Lepiothauma)

furfurea. Add Angola. Da Cunha Ramos and Ribeiro 1975:135 (L*; distr.).

Aedes

70. Important references: Add Gutsevich 1974b:329 (ident. Palearctic *Aedes* ♀♀ ex slides). Gutsevich 1975:153 (ident. of ♀♀ by microscopic head preparations). Hartberg 1975:193 (phylogeny). Rai and Hartberg 1975:311 (genetics). Wolff and Nielsen 1977:176 (chaetotaxy, U.S.A. snowpool *Aedes* spp.).

Aedes (Aedes)

Important references: Add Dahl 1975:84 (tax., distr.).

abditus. To p. 167 as subg. transfer.

agrestis. To p. 167 as subg. transfer.

asanumai. To p. 71 as syn. of *esoensis*.

aureus. To p. 120 as ssp. of *lineatopennis*.

cinereus. Add Gutsevich, Monchadsky and Stackelberg 1974:334 (♂*,♀, L). Dahl 1975:90 (distr.). Utrio 1976:129,130,134 (L*).

71. *comatus*. To p. 167 as subg. transfer.

esoensis. Add Gutsevich, Monchadsky and Stackelberg 1974:336 (♂*,♀, L).

asanumai. From p. 70. Add Tanaka, Mizusawa and Saugstad 1975b:48 (syn.).

pseudoesoensis. From p. 71. Add Tanaka, Mizusawa and Saugstad 1975b:49 (syn.).

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71. *geminus*. Add Sweden (Oeland). Dahl 1975:91 (distr.).
lankaensis. To p. 168 as subg. transfer.
nobukonis. To p. 168 as subg. transfer.
pseudoesoensis. To p. 71 as syn. of *esoensis*.
petroelephantus. To p. 168 as subg. transfer.
pipkini. To p. 168 as subg. transfer.
72. *pseudomediofasciatus*. To p. 168 as subg. transfer.
rami. To p. 168 as subg. transfer.
rossicus. Add Gutsevich, Monchadsky and Stackelberg 1974:336 (♂,♀, L*). Tanaka, Mizusawa and Saugstad 1975b:49 (tax.).
- + *sasai* Tanaka, Mizusawa and Saugstad. Japan.
 1975b:41 (♂,♀,L*). Type-loc: Umegashima spa, Akaishi Mountain Range, Shizuoka Pref., Honshu, Japan (NMST).
- seculatus*. To p. 168 as subg. transfer.
carteri. ♀ cotype to p. 167 as syn. of *butleri*.
uniformis. Add Sri Lanka. Harrison, Reinert, Sirivanakarn, Huang, Peyton and De Meillon 1974:153 (distr.).
yerburyi. To p. 169 as subg. transfer.

Aedes (*Aedimorphus*)

73. Important references: Add McIntosh 1975:251 (revision, southern Africa).
- + *aerarius* McIntosh. South Africa.
 1975:281 (♂,♀*,L*). Type-loc: Oslo Beach, Natal, South Africa (SAIM).
- albocephalus*. Add Mozambique, Rhodesia. McIntosh 1975:266 (♂*,♀*, L*; distr.).
- alboventralis*. Add Gabon. McIntosh 1975:271 (♂*,♀,L; tax.). Service 1976a:260 (distr.).
74. *argenteopunctatus*. Add McIntosh 1975:259 (♂,♀*).
- bedfordi*. Add McIntosh 1975:259 (♂*,♀).
- bevisi*. Add McIntosh 1975:278 (♂*,♀*,L).

Cat. p.

74. **boneti**.
 ssp. **kumbae**. Substitute Cameroon for Nigeria in distr. line. Delete "[Nigeria]" from type-loc. Add White 1975:306 (distr.).
capensis. Delete "South-West Africa" from distr. line and move "South Africa" to replace it. Substitute Cape Province, South Africa for "Ovamboland" in type-loc. Add Mozambique. Worth and De Meillon 1960:241 (distr.). White 1975:306 (distr.).
75. **congolensis**. To p. 82 as syn. of *stenoscutus*.
cumminsii. Delete "Natal" from distr. and replace with South Africa. Add Mozambique. Worth and De Meillon 1960:242 (distr.). McIntosh 1975:279 (♂*,♀,L; distr.).
 issp. **mediopunctatus**. Add White 1975:306 (elev. from syn. with *cumminsii*).
dalzieli. Add McIntosh 1975:273 (♂*,♀,L).
dentatus. Add Rhodesia. McIntosh 1975:274 (♂*,♀,L*; distr.).
domesticus. Add Mozambique. Worth and De Meillon 1960:241 (distr.).
durbanensis. Add Ribeiro and Ramos 1974:93 (♂*,L*).
76. + ssp. **angolae** Ribeiro and Ramos. Angola. 1974:94 (♂*,♀,L*). Type-loc: Mocamedes, Angola (IHMT).
eritreae. Add McIntosh 1975:272 (♂*,♀,L).
 ssp. **karooensis**. To p. 77 as valid species.
filicis. Add McIntosh 1975:261 (♂*,♀*,L*; lectotype desig.).
hamoni. To p. 81 as syn. of *rickenbachii*.
77. **hirsutus**.
 ssp. **adenensis**. Add White 1975:307 (elev. from var. of *hirsutus*).
karooensis. From p. 76. Add McIntosh 1975:272 (♂*,♀,L; elev. from ssp. of *eritreae*).
leesoni. Replace distr. with Rhodesia, Angola, Mozambique, Botswana, South Africa. Add McIntosh 1975:269 (♂*,♀*,L*: distr.).
verna. From p. 78. Add McIntosh 1975:269 (syn.).
78. ssp. **verna**. To p. 77 as syn. of *leesoni*.

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78. *leptolabis*. Add Gabon. Service 1976 : 260 (distr.).
marshallii. Add Mozambique. Worth and De Meillon 1960:240 (distr.).
microstictus. Replace distr. with South Africa. Add McIntosh 1975: 258 (♂*,♀,L).
79. *minutus*. Add Mozambique. McIntosh 1975:260 (♂*,♀*,L; distr.).
mixtus. Replace distr. with Ghana, Southern Rhodesia, South Africa. Add McIntosh 1975:256 (♂*,♀*,L*).*
natronius. # Add L to Knight 1953a:224.
neobiannulatus. To p. 82 as syn. of *tarsalis*.
stenoscutus. To p. 82 as valid species.
80. *ochraceus*. Replace distr. with Rhodesia, South Africa, Mozambique. Add McIntosh 1975:284 (♂*,♀*,L; distr.).
pachyurus. Add McIntosh 1975:277 (♂*,♀,L).
81. *punctothoracis*. Add Gabon. Service 1976 : 261 (distr.).
quasiunivittatus. Add McIntosh 1975:282 (♂*,♀*,L).
rickenbachi.
hamoni. From p. 76. Add White 1975:308 (syn.).
82. *stenoscutus*. From p. 79. Add White 1975:305,308 (resurrection from syn. with *neobiannulatus*; lectotype desig.).
congolensis. From p. 75. Add White 1975:306 (syn.; lectotype desig.).
subdentatus. Add McIntosh 1975:277 (♂*,♀,L).
tarsalis. Add Ghana, South Africa. McIntosh 1975:265 (♂*,♀*,L*; distr.; holotype not seen in BM).
biannulata. Add White 1975:308 (♂ holotype desig. as lectotype of *neobiannulatus*; tax.).
neobiannulatus. From p. 79. Add Edwards 1941:174 (syn.). White 1975:305,307 (♂ holotype of *biannulata* desig. as lectotype; tax.).
83. + *veeniae* McIntosh. South Africa. 1975:263 (♂*,♀*,L*). Type-loc: Oslo Beach, Natal, South Africa (SAIM).

Cat. p.

83. *vexans*. Add Bickley 1976:234 (Alaska). Utrio 1976:129,135 (L*).
arabiensis. To p. 84 as valid subspecies.
84. *sudanensis*. To syn. with *vexans arabiensis*.
- ssp. *arabiensis*. From p. 83. Add People's Democratic Republic of Yemen (Aden), Gambia, Mauritania, Nigeria, Saudi Arabia, Somalia, South Africa (Transvaal), Sudan, ?Pemba, ?Mauritius. White 1975:309 (resurrection from syn. to valid status as ssp. of *vexans*; distr.).
- sudanensis*. Add White 1975:309 (syn.; lectotype desig.).
- ssp. *nipponii*. Substitute U.S.S.R. for Siberia. Add Mongolia. Sheremet 1975:100 (distr). Minar 1976:335 (distr.).
- vittatus*. From p. 166. Replace distr. with Palaearctic, Ethiopian and Oriental Regions. Add Joshi, Pradhan and Darsie 1965: 138 (distr.). Sharma and Chowdhury 1974:163 (variant). Huang 1977b:114 (♂*,♀*,P*,L*; subg. transfer; distr.).

Aedes (Cnecraedes)

86. *indonesiae*. Add Malaysia. Mattingly 1974a:41 (E*; distr.).
- penguensis*. Add Matsuo, Yoshida and Lien 1974:188 (E*).

Aedes (Christophersomyia)

87. Important references: # "Key" should not be capitalized. Add Abercrombie 1977:1 (revision).
- annulirostris*. Replace distr. with Sri Lanka, India, Nepal, Thailand. Add Abercrombie 1977:7 (♂*,♀*,P*,L*; distr.).
- brayi*. To syn. with *ibis*.
- chionodes*. Replace distr. with Papua New Guinea (Solomon Is.), Indonesia (Ambon I.). Add Abercrombie 1977:11 (♂*,♀*,P*,L*; distr.).
- gombakensis*. Add Abercrombie 1977:14 (♂*,♀*,P*,L*).
- ibis*. Add Cambodia, China (Hainan I.), Malaysia (Sabah), Philippines (Luzon), Thailand, Vietnam. Abercrombie 1977:17 (♂*,♀*,P*,L*; distr.).
- brayi*. Add Abercrombie 1977:17 (syn.).
- thomsoni*. Replace distr. with Pakistan, India, Bangla Desh, Sri Lanka, Thailand. Add Abercrombie 1977:21 (♂*,♀*,P*,L*; distr.).

Cat. p.

Aedes (Diceromyia)

88. **adersi.** Add Mozambique. Worth and De Meillon 1960:244 (distr.).
fascipalpis. Add Mozambique. Worth and De Meillon 1960:244 (distr.).
 + **mefouensis** Ferrara. Cameroon.
 1974:3 (♂*,♀). Type-loc: Zoatoupi, District of Mbankomo,
 Dept. of Mefou (11°23' E, 3°49' N), Cameroon (IERT); see
 Ferrara and Eouzan 1974:262).
 89. **ramachandrai.** Add Sri Lanka. Harrison, Reinert, Sirivanakarn, Huang,
 Peyton and De Meillon 1975:154 (distr.).

Aedes (Edwardsaedes)

Important reference: Reinert 1976c:9 (tax.).

- + **bekku** Mogi. Japan.
 1977:129 (♂*,♀*,P*,L*). Type-loc: Sao-zaki, Kami-agata,
 Tsushima I., Japan (NMST).
imprimens. Add Cambodia, Vietnam, Australia. Reinert 1976c:12 (♂*,♀*,
 P*,L*,E*; distr.).

Aedes (Finlaya)

90. **albolateralis.** Add Matsuo, Yoshida and Lien 1974:187 (E*).*
 91. **alektorovi.** Add Japan, Korea. Gutsevich, Monchadsky and Stackelberg
 1974:306 (♂*,♀*,L*). Danilov 1977:181 (distr.).
kobayashii. From p. 98. Add Chow 1973:43 (distr.). Danilov
 1977:181 (syn.).
assamensis. Add Nepal. Joshi, Pradhan and Darsie 1965:138 (distr.).
aureostriatus.
 var. **greenii.** Add Nepal. Joshi, Pradhan and Darsie 1965:138
 (distr.).
 92. ssp. **taiwanus.** # Change Saugstad to Tanaka, Saugstad and Mizusawa.
bunanoki. To p. 101 as syn. of *oreophilus*.
 93. **chrysolineatus.** Add Nepal. Joshi, Pradhan and Darsie 1965:138 (distr.).
dissimilis. Add Nepal. Joshi, Pradhan and Darsie 1965:138 (distr.).
 94. **echinus.** Add Bulgaria. Gutsevich, Monchadsky and Stackelberg 1974:
 299 (♂,♀,L*; distr.).
 95. **formosensis.** Add Matsuo, Yoshida and Lien 1974:188 (E*).*
geniculatus. Add Gutsevich, Monchadsky and Stackelberg 1974:295 (♂*,
 ♀*,L*).*
 96. **gubernatoris.** Add Nepal. Joshi, Pradhan and Darsie 1965:138 (distr.).

Cat. p.

97. **japonicus**. # Add the following varieties.
 var. **tokushimaensis** Tanimura. Japan.
 1952:176 (A). Type-loc: Tokushima, Shikoku, Japan (ND).
 var. **bisanensis** Suzuki, Tanimura, Miyagawa and Murata. Japan.
 1953:9 (A). Type-loc: Tokushima, Shikoku, Japan (ND).
98. **kobayashii**. To p. 91 as syn. of *alektorovi*.
koreicus. Add Gutsevich, Monchadsky and Stackelberg 1974:315 (♂*,♀,L*).
99. + **maffii** Taylor and Tenorio. Solomon Islands (Rennel I.).
 1974:577 (♂*,♀*,P*,L*). Type-loc: Tegano, Rennell Island,
 Solomon Islands (BBM).
melanopterus. Add Matsuo, Yoshida and Lien 1974:187 (E*; Taiwan).
100. **nipponicus**. Add Ryukyu Islands. Replace Sasabo [sic] with Nagasaki
and delete Nara. Add Tanaka, Saugstad and Mizusawa 1975:
 222 (distr.).
101. **notoscriptus**. Add Wuvulu I. Rodhain and Gaxotte 1977:77 (distr.).
oreophilus. Add Korea. Chow 1973:43 (distr.).
bunanoki. From p. 92. Add Kamimura 1968:28 (syn.).
102. **pseudotaeniatus**. Add Nepal. Joshi, Pradhan and Darsie 1965:138
 (distr.).
104. **samoanus**. Add Ramalingam and Belkin 1976:194 (P*,L*).
105. **togoi**. Add Canada (British Columbia). Sollers-Riedel 1971:2 (distr.).
 Gutsevich, Monchadsky and Stackelberg 1974:310 (♂*,♀,L*);
 Matsuo, Yoshida and Lien 1974:187 (E*).
106. **watasei**. Add Ryukyu Islands. Tanaka, Saugstad and Mizusawa 1975:
 222 (distr.).
- Aedes (Geoskusea)**
baisasi. Add Ryukyu Islands. Tanaka, Saugstad and Mizusawa 1974:308 (distr.)
- Aedes (Howardina)**
108. **albonotatus**. Correct Mines to mines. Add Belkin and Heinemann 1973:218
 (type-loc. info.).
bahamensis. Add Mattingly 1974a:43 (E*);
brevis. Add Costa Rica. Heinemann and Belkin 1977a:281 (distr.);
busckii. Add Mattingly 1974a:43 (E*).
109. **guatemala**. # Correct Chimeltenango to Chimaltenango.
lorraineae. Add Berlin 1975:127 (♂*,P*,L).

Cat. p.

110. *sexlineatus*. Add Mattingly 1974a:43 (E*).

Aedes (*Huaedes*)

111. *wauensis*. Add Mattingly 1969b:14 (tax.).

Aedes (*Indusius*)

Important reference: Reinert 1976c:2 (tax.).

pulverulentus. Add Reinert 1976c:4 (♂*,♀*).

Aedes (*Lorrainea*)

112. *dasyorrhus*. Add Santa Cruz Is., Wuvulu I. Maffi and Taylor 1974:208 (distr.). Rodhain and Gaxotte 1977:77 (distr.).

fumidus. Add Sumatra. Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.).

Aedes (*Macleaya*)

- + *stoneorum* Marks. Australia (Queensland).
1977:33 (♀*). Type-loc: Moa (Banks) Island, north Queensland, Australia (UQ).

Aedes (*Mucidus*)

114. *mucidus*. Add Gabon. Service 1976:261 (distr.).

scatophagoides. Add Gabon, Nepal, Mozambique. Worth and De Meillon 1960:237 (distr.). Joshi, Pradhan and Darsie 1965:138 (distr.). Service 1976:260 (distr.).

115. *tonkingi*. # Add E* to Tyson 1970c reference.

Aedes (*Neomacleaya*)

Neomacleaya. To p. 167 as syn. of (*Verrallina*).

Airoetomyia. To p. 167 as syn. of (*Verrallina*).

andamanensis. To p. 167 as subg. transfer.

adustus. To p. 167 as valid species; subg. transfer.

atriisimilis. To p. 167 as subg. transfer.

atrius. To p. 167 as subg. transfer.

campylostylus. To p. 167 as subg. transfer.

cautus. To p. 167 as subg. transfer.

clavatus. To p. 167 as subg. transfer.

consonensis. To p. 167 as subg. transfer.

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116. *cretatus*. To p. 167 as subg. transfer.
cyrtolabis. To p. 167 as subg. transfer.
dermajoensis. To p. 167 as syn. of *incertus*.
dux. With synonym to p. 167 as subg. transfer.
fragilis. With synonym to p. 167 as subg. transfer.
gibbosus. To p. 167 as subg. transfer.
hamistylus. To p. 167 as subg. transfer.
hirsutipleura. To p. 169 as syn. of *uncus*.
hispidus. To p. 167 as subg. transfer.
incertus. With synonym to p. 167 as subg. transfer.
indecorabilis. With synonym to p. 167 as subg. transfer.
indicus. With synonym to p. 167 as subg. transfer.
117. *iriomotensis*. To p. 167 as subg. transfer.
ishigakiensis. To p. 168 as syn. of *nobukonis*.
johnsoni. To p. 167 as subg. transfer.
khmerus. To p. 168 as syn. of *rarus*.
kompongus. To p. 168 as subg. transfer.
latipennis. To p. 168 as subg. transfer.
leicesteri. To p. 168 as subg. transfer.
lugubris. To p. 168 as subg. transfer.
macrodixoa. To p. 168 as subg. transfer.
margarsen. To p. 168 as subg. transfer.
nigrotarsis. To p. 168 as subg. transfer.
notabilis. To p. 168 as subg. transfer.
nubicolus. To p. 168 as subg. transfer.
pahangi. To p. 168 as subg. transfer.
philippinensis. To p. 168 as subg. transfer.
118. *phnomus*. To p. 168 as subg. transfer.
prioekanensis. To p. 168 as subg. transfer.

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118. *protuberans*. To p. 168 as subg. transfer.
pseudodiurnus. To p. 168 as subg. transfer.
rarus. To p. 168 as subg. transfer.
robertsi. To p. 168 as subg. transfer.
siamensis. To p. 169 as syn. of *yusafi*.
singularis. To p. 169 as subg. transfer.
stungus. To p. 169 as subg. transfer.
torosus. To p. 169 as subg. transfer.
uncus. To p. 169 as subg. transfer.
vallistris. To p. 169 as subg. transfer.
varietas. To p. 169 as subg. transfer.
virilis. To p. 169 as subg. transfer.
119. *yasafi*. To p. 169 as subg. transfer.

Aedes (*Neomelaniconion*)

- carteri*. Add Mozambique. Worth and De Meillon 1960:244 (distr.).
120. *lineatopennis*. Add Gabon, Nepal. Joshi, Pradhan and Darsie 1965: 138 (distr.). Mattingly 1974a:42 (E*). Service 1976: 260, 261 (distr.).
- ssp. aureus*. From p. 70. Add Gutsevich, Monchadsky and Stackelberg 1974:339 (♀). Danilov 1977:182 (to ssp.).

Aedes (*Ochlerotatus*)

Important references: Add Arnell 1976:1-144 (revision of *scapularis* group).

122. *aboriginis*. Add Bickley 1976:232 (tax.).
- aloponotum*. Add Wood 1977:78 (♂,♀*,L; tax.).
123. *angustivittatus*. Replace distr. with Costa Rica, Belize, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Venezuela, Colombia, Ecuador. Add Arnell 1976:29 (♂*,♀*,P*,L*; distr.).
- meprai*. To p. 136 as valid species.

Cat. p.

123. **annulipes.** Add Gutsevich, Monchadsky and Stackelberg 1974:225 (♂, ♀, L*). Dahl 1975:82,88 (tax.; distr.).
- annuliventris.** To p. 201 as valid sp.
- + **atactavittatus** Arnell. Mexico.
1976:26 (♂*, ♀*, P*, L*). Type-loc: Lerma, Campeche, Mexico (USNM).
- atropalpus.** Add Brust 1974:459 (E*; tax.). Lunt 1977a:470 (electrophoresis study tends to support 4 subspecies rather than 2 species concept).
- auratus.** Add Arnell 1976:44 (♂*, ♀, L*).
124. **barri.** To p. 131 as syn. of *euedes*.
- behningi.** Add Gutsevich, Monchadsky and Stackelberg 1974:216 (♂*, ♀, L*).
- beklemishevi.** To p. 131 as syn. of *euedes*.
- + **bogotanus** Arnell. Colombia.
1976:22 (♂*, ♀*, P*, L*). Type-loc: Ogamora, nr. Soacha, Cundinamarca, Colombia (USNM).
125. **camposanus.** To p. 141 as syn. of *scapularis*.
126. **cantans.** Add Finland. Gutsevich, Monchadsky and Stackelberg 1974:210 (♂*, ♀, L*). Dahl 1975:83,88 (distr.). Utrio 1976:131, 133 (L*; distr.).
- caspicus.** Add Gutsevich, Monchadsky and Stackelberg 1974:197 (♂, ♀, L*). Utrio 1976:131, 134 (L*). Minar 1976:344 (♂*, ♀*; tax.). Gutsevich 1977:48 (occurrence of polymorphism).
127. **ssp. dorsalis.** From p. 129 to ssp. of *caspicus* with syns. *curriei*, *onodagensis*, *lativittatus*, *quaylei*, *broquetii* and *grahami*. Add Gutsevich, Monchadsky and Stackelberg 1974:201 (change in status; ♂*, ♀, L*). Dahl 1975:81,86 (distr.). Minar 1976:344 (♂*, ♀*; tax.). Utrio 1976:131, 134 (L*).
- cataphylla.** Add Gutsevich, Monchadsky and Stackelberg 1974:273 (♂*, ♀, L*). Dahl 1975:82,87 (distr.). Bickley 1976:233 (distr.). Utrio 1976:131, 134 (L*).
- pacificensis.** From ssp. status. Add Curtis 1967:47 (syn.).
- + **comitatus** Arnell. Colombia.
1976:66 (♂*). Type-loc: Bosque Ocoa, e of Villavicencio, Meta, Colombia (USNM).
128. **communis.** Add Gutsevich, Monchadsky and Stackelberg 1974:241 (♂*, ♀, L*). Dahl 1975:82,87 (tax.; distr.). Utrio 1976:131, 134 (L*).

Cat. p.

128. **communis.***masamae.* To p. 134 as syn. of *hexodontus*.**condolescens.** Replace distr. with Bahamas, Cuba, Cayman Is. Add Arnell 1976:46 (δ^* , φ^* ; distr.).**crinifer.** Replace distr. with Argentina, Brazil, Uruguay. Add Arnell 1976:68 (δ^* , φ^* , P*, L*; distr.).129. *iguazu.* For location of types substitute LU for ?USNM. Add Arnell 1976:68 (location of types).**cyprius.** Add Gutsevich, Monchadsky and Stackelberg 1974:229 (δ^* , φ , L*). Dahl 1975:83,90 (tax.; distr.). Utrio 1976:130,134 (L*).+ **deficiens** Arnell. Colombia. 1976:24 (φ^* , P*, L*). Type-loc: Suba, Cundinamarca, Colombia (USNM).**detritus.** Add Gutsevich, Monchadsky and Stackelberg 1974:276 (δ^* , φ^* , L*).**diantaeus.** Add Gutsevich, Monchadsky and Stackelberg 1974:258 (δ^* , φ , L*). Utrio 1976:129,130,134 (L*).**dorsalis.** To p. 127 as ssp. of *caspius* with syns. *curriei*, *onodagensis*, *lativittatus*, *quaylei*, *broquetii* and *grahami*.130. *mediolineata.* To p. 136 as syn. of *melanimon*.**epactius.** Add Brust 1974:459 (E*; tax.). Lunt 1977a:470 (electrophoresis study tends to support 4 subsp. rather than 2 spp. concept).131. **euedes.** From synonymy with *exerucians*. Add Holarctic. Wood 1977:72 (resurrection from syn. with *exerucians*; δ^* , φ^* , L; distr.).*beklemishevi.* From p. 124. Add Gutsevich, Monchadsky and Stackelberg 1974:223 (δ^* , L*). Danilov 1975b:62 (distr. map). Utrio 1975:63 (distr.). Bickley 1976:233 (tax.). Utrio 1976:131, 133 (L*; distr.). Wood 1977:72 (syn.).*grandilarva.* From p. 133. Add Wood 1977:72 (syn.).*barri.* From p. 124. Add Danilov 1975b:61 (syn.). Wood 1977:72 (syn.).**euplocamus.** Delete Honduras, Ecuador and Peru. Add Venezuela. Arnell 1976:48 (δ^* , φ^* , P*, L*; distr.).

Cat. p.

131. *excrucians*. Add Mongolia. Gutsevich, Monchadsky and Stackelberg 1974: 219 (♂*,♀,L*). McDaniel and Webb 1974:915 (tax.). Dahl 1975: 83,89 (tax.; distr.). Minar 1976:335 (distr.). Utrio 1976: 130,134 (L*). Wood 1977:73 (♂*,♀*).
- surcoufi*. To p. 144 as valid species.
- euedes*. Resurrected to valid species p. 131.
- fitchii*. Add Gutsevich, Monchadsky and Stackelberg 1974:287 (♂,♀,L). McDaniel and Webb 1974:915 (tax.). Wood 1977:73 (♀*).
- flavescens*. Add Gutsevich, Monchadsky and Stackelberg 1974:226 (♂*,♀, L*). Dahl 1975:83,89 (tax.; distr.). Utrio 1976:132,134 (L*).
132. + *flavidorsalis* Luh and Lee. China. 1975:428 (♂*,♀,L*). Type-loc: Ningsia Province, China (ND).
133. *grandilarva*. To p. 131 as syn. of *euedes*.
- hemisurus*. To p. 141 as syn. of *scapularis*.
- indolescens*. To p. 141 as syn. of *scapularis*.
134. *hexodontus*. Add Sweden, Finland. Dahl 1974:59 (♂*; distr.). Gutsevich, Monchadsky and Stackelberg 1974:250 (♂*,♀,L*). Matsuo 1975:50 (E*). Utrio 1976:130,134 (L*; distr.). Dahl 1977:63 (distr.). Wood 1977:134 (tax.).
- masamae*. From p. 128. Add Wood 1977:134 (syn.).
- impiger*. Add Finland. Gutsevich, Monchadsky and Stackelberg 1974: 269 (♂*,♀,L*). Utrio 1976:130,134 (L*; distr.).
- implicatus*. Add U.S.S.R. (Soviet Far East). Danilov 1974a:133 (♂*, ♀,L*; distr.; tax.).
- + *incomptus* Arnell. Panama. 1976:20 (♂*,♀*,P*,L*). Type-loc: Cerro Mali, Serrania del Darien, Darien, Panama (USNM).
- increpitus*. Add U.S.S.R. Danilov 1976a:71 (♂*,L*; distr.).
135. *infirmatus*. Add Arnell 1976:53 (♂*,♀*,P*,L*).
- intrudens*. Add Finland. Gutsevich, Monchadsky and Stackelberg 1974: 261 (♂*,♀,L*). Dahl 1975:81,86 (distr.). Utrio 1976:131, 134 (L*; distr.).
- kasachstanicus*. Add Gutsevich, Monchadsky and Stackelberg 1974:282 (♂*,♀,L*).
- leucomelas*. Add Finland, Mongolia. Gutsevich, Monchadsky and Stackelberg 1974:275 (A,L*). Dahl 1975:82,87 (tax.; distr.). Minar 1976:336 (distr.). Utrio 1976:134 (distr.).

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136. **mariae.** Replace distr. with Western Mediterranean Region (all coastal). Coluzzi, Sabatini, Bullini and Ramsdale 1974:321 (tax.; distr.). Coluzzi, Bianchi-Bullini and Bullini 1976:221 (tax., *mariae* complex).

melanimon.

mediolineata. From p. 130. Add Wood 1977:76 (syn.).

- meprai.** From p. 123. Add Argentina, Bolivia, Ecuador, Peru. Arnell 1976:28 (♀*; resurrection from syn. with *angustivittatus*; distr.).

- mercurator.** From p. 144. Add Canada, U.S.S.R. (Soviet Far East). Danilov 1974b:322 (♂*,♀,L*; resurrection from syn. with *stimulans*; distr.). Wood 1977:76 (♀*; tax.).

albertae. From p. 144. Add Wood 1977:76 (syn.).

ater. From p. 141. Add Danilov 1974b:322 (syn.). Gutsevich, Monchadsky and Stackelberg 1974:208 (♂*,♀; tax.). Replace orig. refr. with 1955:321 (♂*; *riparius* ssp.).

- montchadskyi.** Add Gutsevich, Monchadsky and Stackelberg 1974:285 (♂,♀,L).

- monticola.** Add Mexico. Lunt 1976:200 (tax.). Heinemann and Belkin 1977c:527 (distr.).

137. **nigrinus.** Add Finland. Gutsevich, Monchadsky and Stackelberg 1974:255 (♂,♀,L). Utrio 1976:134 (distr.).

- nigripes.** Add Gutsevich, Monchadsky and Stackelberg 1974:266 (♂*,♀,L*). Utrio 1976:130 (L*).

138. **obturbator.** Add Arnell 1976:72 (♂*,♀*,L*).

oligopistus. Add Surinam. Panday 1975:142 (distr.).

patersoni. Add Bolivia. Arnell 1976:50 (♂*,♀*,P*,L*; distr.).

- + **pectinatus** Arnell. Colombia. 1976:74 (♂*,♀*,P*,L*). Type-loc: Rio Cuja, nr. Fusagasuga, Cundinamarca, Colombia (USNM).

perventor. Add French Guiana. Fauran and Pajot 1974a:101 (distr.).

- + **phaeonotus** Arnell. Lesser Antilles (Grenada). 1976:56 (♂*,♀*,P*,L*). Type-loc: Chantimelle Village, nr. Sauteurs, St. Patrick Parish, Grenada, Lesser Antilles (USNM).

phoeniciae. Add Syria, Turkey (all distr. coastal). Coluzzi, Sabatini, Bullini and Ramsdale 1974:321 (tax.; distr.).

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138. *pionips*. Add Finland, Sweden. Dahl 1974:62 (L*; distr.). Gutsevich, Monchadsky and Stackelberg 1974:245 (♂*,♀,L*). Utrio 1975:63 (distr.). Utrio 1976:129,131,134 (L*; distr.).
- pix*. To p. 145 as syn. of *taeniorhynchus*.
139. *provocans*. From p. 140. Add Southern Canada and northern United States. Wood 1977:77 (resurrection from syn. with *punctor*; ♂; distr.).
- trichurus*. From p. 146 with syns. *cinereoborealis*, *paetonotum* and *poliochros*. Add Wood 1977:77 (syn.).
- pulchritarsis*. Add Israel. Gutsevich, Monchadsky and Stackelberg 1974:206 (♂*,♀,L). Margalit and Tahori 1974:84 (distr.).
- ssp. *asiaticus*. Add Gutsevich, Monchadsky and Stackelberg 1974:208 (A,L*).
- pullatus*. Add Sweden. Dahl 1974:63 (L*; distr.). Gutsevich, Monchadsky and Stackelberg 1974:263 (♂*,♀,L*). Utrio 1976:129,131,134 (L*).
- punctodes*. Add Finland, Sweden. Dahl 1974:64 (L*; distr.). Utrio 1976:130,134 (L*; distr.).
140. *punctor*. Add Dahl 1974:64 (♂*). Dahl 1975:82,87 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:247 (♂*,♀,L*). Utrio 1976:130,134 (L*).
- provocans*. To p. 139 as valid species.
- raymondi*. Add Arnell 1976:52 (♀*).
- rempeli*. Add Gutsevich, Monchadsky and Stackelberg 1974:288 (♂,♀,L). Dubitsky 1977:72 (♂*,♀).
- rhyacophilus*. To p. 141 as syn. of *scapularis*.
141. *riparius*. Add Gutsevich, Monchadsky and Stackelberg 1974:213 (♂*,♀,L*). Dahl 1975:83,89 (tax.; distr.). Utrio 1976:130,134 (L*). Wood 1977:73 (♀*).
- ssp. *ater*. To p. 136 as syn. of *mercurator*.
- rusticus*. Add Gutsevich, Monchadsky and Stackelberg 1974:232 (♂*,♀,L*).
- scapularis*. Replace distr. with Brazil, Argentina, Bahamas, Belize, Bolivia, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Paraguay, Peru, Surinam, Trinidad and Tobago, United States (Texas), Venezuela. Add Arnell 1976:57 (♂*,♀*,P*,L*; distr.).

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141. *scapularis*.
hemisurus. From p. 133. Add Arnell 1976:58 (syn.).
indollescens. From p. 133. Add Arnell 1976:58 (syn.).
camposanus. From p. 125. Add Arnell 1976:58 (syn.).
rhyacophilus. From p. 140. Add Arnell 1976:58 (syn.).
142. *schizopinax*. Add Canada (Alberta). Enfield 1977:82 (distr.).
serratus. Add Guadeloupe, Surinam. Panday 1975:143 (distr.). Belkin and Heinemann 1976b:187 (distr.).
sierrensis. Add Lunt 1976:200 (tax.).
simanini. Add Gutsevich, Monchadsky and Stackelberg 1974:280 (♂*,♀,L).
- + *sinkiangensis* Hsiao. China.
 1977:451 [reference received too late to be obtained].
143. *sticticus*. Add Gutsevich, Monchadsky and Stackelberg 1974:253 (♂*,♀,L*). Enfield 1977:84 (distr.).
144. *stimulans*. Add McDaniel and Webb 1974:915 (tax.). Enfield 1977:84 (distr.). Wood 1977:73 (♀*).
- mercurator*. To p. 136 as valid species.
albertae. To p. 136 as syn. of mercurator.
- stramineus*. Add Mongolia. Gutsevich, Monchadsky and Stackelberg 1974:286 (♂,♀,L). Minar 1976:355 (distr.).
- subdiversus*. Add Gutsevich, Monchadsky and Stackelberg 1974:239 (♂*,♀,L).
- surcoufi*. From p. 131. Add Europe. Arnaud, Rioux, Croset and Guillard 1976:477 (♂*,♀*,P*,L*,E*; resurrection from syn. with *excrucians*).
- + *synchytus* Arnell. Argentina.
 1976:71 (♂*,♀*). Type-loc: Cataratas del Iquazu, Misiones, Argentina (USNM).
145. *taeniorhynchus*.
pix. From p. 138. Add Belkin 1977c:535 (syn.).
thelcter. Replace distr. with United States (Texas, Florida, Oklahoma, New Mexico), ?Mexico. Add Arnell 1976:76 (♂*,♀*,P*,L*; distr.).
theobaldi.
 ssp. *eidsvoldensis*. # Change "as sp." to as *theobaldi* form.

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145. *tortilis*. Replace distr. with Jamaica, Antigua, Bahamas, Caicos Is., Cuba, Dominica, Dominican Republic, French West Indies (Guadeloupe, Marie Galante), Grand Cayman I., Haiti, Montserrat, Puerto Rico, St. Lucia, United States (Florida), Virgin Is. Add Arnell 1976:39 (♂*,♀*,P*,L*; distr.).
146. *virginensis*. Change "(?)" to (♀; *tortilis* ssp.).
- trichurus*. With syns. *cinereoborealis*, *pagetonotum* and *poliochros* to p. 139 as syn. of *provocans*.
- trivittatus*. Add Arnell 1976:35 (♂*,♀*,P*,L*).
- varipalpus*. Add Lunt 1976:200 (tax.).
- ventrovittis*. Add Alaska. Bickley 1976:234 (distr.).
147. *vigilax*. Add Ryukyu Is. Tanaka, Saugstad and Mizusawa 1976:220 (distr.).
- albirostris*. Correct D'Akaroa, New Zealand (MNHP) to New South Wales, Australia (MNHP). Delete from distr. New Zealand. Add Belkin 1968:102 (type-loc. info.)
- zamitii*. Add Coluzzi, Sabatini, Bullini and Ramsdale 1974:321 (tax.).

Aedes (Paraedes)

148. *ostentatio*. Add Harrison, Reinert, Sirivanakarn, Huang, Petyon and De Meillon 1974:148 (tax.).
- + *thailandensis* Reinert. Thailand. 1976:319 (♂*,♀*,P*,L*). Type-loc: Ban Bu Phram, Prachin Buri, Thailand (USNM).

Aedes (Protomacleaya)

149. *daryi*. Add Costa Rica. Heinemann and Belkin 1977a:282 (distr.).
- hendersoni*. Add Grimstad, Garray and DeFoliart 1974:795 (tax.). Lunt 1977b:654 (ident.). Saul, Sinsko, Grimstad and Craig 1977:705 (gel electrophoresis ident.). Zaim, Lewandowski, Newson and Hooper 1977:489 (E*).
150. *imposter*. # Correct to *impostor*.
- podographicus*. Add Belize. Heinemann and Belkin 1977b:414 (distr.).
151. *terrens*. Add Surinam. Panday 1975:143 (distr.).
- triseriatus*. Add Grimstad, Garry and DeFoliart 1974:795 (tax.). Lunt 1977b:654 (ident.). Saul, Sinsko, Grimstad and Craig 1977:705 (gel electrophoresis ident.). Zaim, Lewandowski, Newson and Hooper 1977:489 (E*).

Aedes (Pseudarmigeres)

152. *argenteoventralis*.
- ssp. *dunni*. Add White 1975:310 (from var. status to valid spp.; lecto-type desig.).

Cat. p.

152. *natalensis*. Add Mozambique. Worth and De Meillon 1960:244 (distr.).

Aedes (*Rhinoskusea*)

153. Important references: Add Reinert 1976d:1 (subg. revision).

longirostris. Replace distr. with Malaysia, Australia (Northern Territory), Indonesia (Java, Sumatra), Philippines (Sulu Archipelago), Papua New Guinea, India (Andaman Is.), Singapore, Thailand, Vietnam. Add Mattingly 1974a:41 (E*). Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.). Reinert 1976d:8 (δ^* , φ^* , P*, L*; distr.).

pillaii. Replace distr. with Malaysia (Selangor), Singapore. Add Reinert 1976d:14 (δ^* , φ^* , P*, L*; distr.).

- + *wardi* Reinert. Philippines, Indonesia (Celebes, Kalimantan), Sri Lanka, Indonesia, Malaysia.
1976d:18 (δ^* , φ^* , P*, L*). Type-loc: Subic U. S. Naval Base, Zambales, Luzon, Philippine Is. (USNM).

Aedes (*Rusticoidus*)

refiki. Add Sweden (Oeland). Dahl 1975:81,86 (distr.).

Aedes (*Stegomyia*)

154. Important references: Add Tesfa-Michael and Rozeboom 1974:323 (hybridization studies in *scutellaris* complex). Huang 1977a:1 (South-east Asia).
- aegypti*. Add Ryukyu Is. Matsuo, Yoshida and Lien 1974:180 (E*). Tanaka, Saugstad and Mizusawa 1975:222 (distr.). Paterson, Green and Mahon 1976:252 (complex in Africa).
156. *ssp. formosus*. Add Africa south of the Sahara. Service 1976:260 (distr.).
- var. queenslandensis*. # Add Cosmotropical.
- africanus*. Add Gabon. Service 1976:260 (distr.).
- albopictus*. Add Nepal, Ryukyu Is., Korea. Joshi, Pradhan and Darsie 1965:138 (distr.). Ree, Self, Hong and Lee 1973:383 (distr.). Matsuo, Yoshida and Lien 1974:180 (E*). Tanaka, Saugstad and Mizusawa 1975:223 (distr.).
- alcasidi*. Add Taiwan. Matsuo, Yoshida and Lien 1974:180 (E*; distr.).
157. *amaltheus*. Add Huang 1974b:27 (δ^* , φ^*).
- annandalei*. Replace distr. with India (Bengal, Assam), Burma, Indonesia (including New Guinea), Taiwan, Thailand, Vietnam, China. Add Matsuo, Yoshida and Lien 1974:180 (E*). Huang 1977a:17 (δ^* , φ^* , P*, L*; distr.).

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158. *calceatus*. Add Mozambique. Worth and De Meillon 1960:240 (distr.).
chemulpoensis. Add Huang 1974a:208 (♂*; lectotype desig.).
contiguus. Add Ethiopia. White 1975:310 (distr.).
cooki. Add Tonga Is. Huang 1977c:291 (distr.).
craggi. Add Thailand. Huang 1977a:22 (♂*,♀*,P*,L*; distr.).
159. *cretinus*. Add Gutsevich, Monchadsky and Stackelberg 1974:321 (♂*,♀, L).
desmotes. Replace distr. with Philippines, Malaysia (Peninsular), India, Indonesia (Kalimantan, Sulawesi), Taiwan, Thailand. Add Matsuo, Yoshida and Lien 1974:187 (E*). Huang 1977a:26 (♂*,♀*,P*,L*; distr.).
160. *edwardsi*. Add Huang 1977a:6 (♂*,♀*).*
flavopictus. Add Matsuo 1975:49 (E*). Danilov 1976c:353 (tax.).
galloisi. Add U.S.S.R., Korea. Chow 1973:44 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:323 (♂*,♀,L*; distr.).
gardnerii. Replace distr. with Philippines, Indonesia (Sulawesi, Alor I.), Malaysia (Sabah). Add Huang 1977a:46 (♂*,♀*,P*,L*; distr.).
ssp. imitator. Replace distr. with Malaysia (Peninsular), Cambodia, Hong Kong, Nepal, Thailand, Vietnam, China (Kwangtung, Hainan I.), India, Taiwan. Add Matsuo, Yoshida and Lien 1974:187 (E*; distr.). Huang 1977a:50 (♂,♀*,P,L; distr.).
minutissima. From p. 166. Add Huang 1977a:50 (syn.).
indosinensis. From p. 161. Add Huang 1977a:50 (syn.).
161. *heischii*. Add Mozambique. Worth and De Meillon 1960:240 (distr.).
indosinensis. To p. 160 as syn. of *gardnerii imitator*.
- + *krombeini* Huang. Sri Lanka. 1975b:345 (♂*,♀*,P*,L*). Type-loc: Udawattekele, Kandy District, Central Province, Sri Lanka (USNM).
162. *malikuli*. Add Huang 1977a:33 (♂*,P*,L*).*
mediopunctatus. Replace distr. with Sri Lanka, India, Philippines (Palawan). Add Huang 1977a:36 (♂*,♀*,P*,L*; distr.). # Under type-loc. add (BM). after the word Ceylon.
submediopunctatus. From var. of *mediopunctatus*. Add Huang 1977a:36 (syn.).

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162. *mediopunctatus*.
 var. *perplexus*. To p. 163 as valid species.
 novalbopictus. Add Bhat 1976:266 (chromosomes*).
163. *opok*. Add Central African Republic, Ivory Coast, Upper Volta, Mali. Germain, Cordellier, Herve, Geoffroy, Bouchite, Ravaonjanahary and Rickenback 1975:41 (♀*; n. distr.).
 patriciae. Add China (Yunnan), Malaysia (Peninsular). Danilov 1976c:353 (L; distr.). Huang 1977d:625 (distr.).
 perplexus. From p. 162. Add Taiwan, Malaysia (Peninsular), Thailand. Matsuo, Yoshida and Lien 1974:187 (E*; distr.). Huang 1977a:40 (resurrection from var. of *mediopunctatus*; ♂*,♀*,P*,L*; distr.).
 polynesiensis. Add Huang 1975a:93 (♂*,♀*,P*,L*).*
 pseudalbopictus. Add Taiwan. Matsuo, Yoshida and Lien 1974:180 (E*; distr.).
164. *pseudoscutellaris*. Add Huang 1975a:88 (♂*,♀*,P*,L*).*
 + *rhungkiangensis* Chang and Chang. China. 1974:347 (♂*,♀*,L*). Type-loc: Rhungkiang, Kweichow Province, China (Provincial Station of Sanitary and Diseases Control, Kweichow, China).
 riversi. Add Japan. Mogi 1976:347 (distr.).
165. + *seampi* Huang. Andaman Is. 1974c:137 (♀*). Type-loc: Andaman Is., India (BM).
 simponi. Modify "Ethiopian Region" to continental Ethiopian Region, Pemloa, Zanzibar. Add Gerberg and Hartberg 1975:137 (bibliography). White 1975:310 (distr.). Pajot 1976:201 (A*).*
 subalbopictus. Add Bhat 1976:266 (chromosomes*).*
 subargenteus. Add Mozambique. Worth and De Meillon 1960:238 (distr.).
166. *unilineatus*. Add Gabon. Service 1976a:260 (distr.).
 vittatus. To p. 84 as subg. transfer.
 w-albus. Add Pakistan, Vietnam. Huang 1977a:55 (♂*,♀*,P*,L*; distr.).
 argenteomaculata. Add Huang 1977a:50 (? syn. of *gardnerii imitator*).*
 minutissima. To p. 160 as syn. of *gardnerii imitator*.

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Aedes (Verrallina)

167. **Verrallina.** Place (syn.). after "Belkin 1962a:412 and delete remainder of sentence.
- Neomaclaya.* From p. 115. Add Reinert 1974a:3 (syn.).
- Aioretomyia.* From p. 115. Add Reinert 1974a:3 (syn.).
- Important references: Add Reinert 1974a:1 (new interpretation of subgenus *Verrallina*).
- abditus.** From p. 70. Add Reinert 1974a:18 (♀*; subg. transfer).
- adustus.** From p. 115. Add Philippines, Cambodia, Malaysia, Thailand. Add Reinert 1974a:18 (♂*,P*,L*; resurrection from syn. and subg. transfer; distr.).
- agrestis.** From p. 70. Add Reinert 1974a:20 (♀*; subg. transfer).
- andamanensis.** From p. 115. Add Java. Reinert 1974a:20 (♂*,♀*; subg. transfer; distr.).
- atriisimilis.** From p. 115. Add Reinert 1974a:17 (subg. transfer).
- atrius.** From p. 115. Add Reinert 1974a:22 (♀*; subg. transfer).
- butleri.** Add Brunei, Celebes, Ceram, Sumatra. Reinert 1974a:22 (♂*,♀*,P*,L*; distr.). Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.).
- carteri.* ♀ cotype from p. 72. Add Reinert 1974a:22 (to syn. with *butleri*).
- campylostylus.** From p. 115. Add West Irian. Reinert 1974a:28 (♂*,♀*; subg. transfer; distr.).
- carmentis.** Add Australia. Reinert 1974a:28 (♂*,♀*,P*,L*; distr.).
- ceramensis.* From valid sp. p. 167. Add Reinert 1974a:28 (syn.; lectotype desig.).
- cautus.** From p. 115. Delete Malaya, Thailand. Add Reinert 1974a:34 (♂,♀*; subg. transfer; distr.).
- ceramensis.** To syn. with *carmentis* p. 167.
- clavatus.** From p. 115. Add South Vietnam. Reinert 1974a:34 (♂*,♀*,P*; subg. transfer; distr.).
- comatus.** From p. 71. Add Reinert 1974a:35 (♀*; subg. transfer).
- + **comosus** Reinert. Malaysia (Sabah). 1974a:36 (♀*). Type-loc: Kota Belud, Sabah, Malaysia (USNM).

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167. *consonensis*. From p. 115. Add Reinert 1974a:38 (♂*,P*,L*; subg. transfer).
- cretatus*. From p. 116. Add Malaysia. Reinert 1974a:38 (♂*,♀*; subg. transfer; distr.).
- cyrtolepis*. From p. 116. Add Reinert 1974a:39 (♂*,♀*,P*,L*; subg. transfer).
- dux*. From p. 116 with syn. Add Malaysia, Sulawesi. Reinert 1974a:41 (♂*,♀*,E*; subg. transfer; distr.). Lien, Kawengian, Partono, Lami and Cross 1977:720 (distr.).
- sigmoides*. From p. 116.
- embiensis*. Add Reinert 1974a:42 (♂*; status questioned).
- fragilis*. From p. 116 with syn. Add Reinert 1974a:43 (♂*,♀*; subg. transfer).
- malayi*. From p. 116.
- gibbosus*. From p. 116. Add Reinert 1974a:44 (♂*,♀*,P,L*; type data amended; subg. transfer).
- hamistylus*. From p. 116. Add Malaysia (Sabah). Reinert 1974a:45 (♂*,♀*; subg. transfer; distr.).
- + *harrisonicus* Reinert. Indonesia (Java). 1974a:46 (♀*). Type-loc: Megamendg Mts., Java, Indonesia (USNM).
- hispidus*. From p. 116. Add Reinert 1974a:17 (subg. transfer).
- incertus*. From p. 116 with syn. Add Cambodia, Indonesia (Sumatra), Malaysia. Delete Borneo, Malaya. Add Reinert 1974a:48 (♂,♀*,P,L; subg. transfer; distr.).
- taeniata*. From p. 116.
- dermajoensis*. From p. 116. Add Reinert 1974a:48 (syn.).
- indecorabilis*. From p. 116 with syn. Add Cambodia. Reinert 1974a:52 (♀*; subg. transfer; distr.).
- imitator*. From p. 116.
- indicus*. From p. 116 with syn. Delete Thailand. Add Reinert 1974a:53 (♂*,♀*,P*,L*; lectotype desig.; subg. transfer; distr.).
- mediofasciata*. From p. 117.
- triomotensis*. From p. 117. Add Reinert 1974a:17 (subg. transfer).

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167. *johnsoni*. From p. 117. Add Reinert 1974a:58 (♂,♀*; subg. transfer).
 + *johorensis* Reinert. Malaysia, Indonesia (Sumatra).
 1974a:58 (♀*). Type-loc: Pontian Besar, Johore, Malaysia
 (USNM).
168. *killertonis*. # Change (♂,♀*) to (♂,♀).
komponus. From p. 117. Add Reinert 1974a:17 (subg. transfer).
lankaensis. From p. 71. Add Reinert 1974a:61 (♀*; subg. transfer).
latipennis. From p. 117. Add Reinert 1974a:62 (♀*,P,L; type data
 amended; subg. transfer).
leicesteri. From p. 117. Add Reinert 1974a:63 (♂*,♀*,P*,L*; subg.
 transfer).
lineatus. Add Wuvulu I. Rodhain and Gaxotte 1977:77 (distr.).
lugubris. From p. 117. Add Thailand. Reinert 1974a:66 (♀*,P*;
 subg. transfer; distr.).
macrodixoa. From p. 117. Add Reinert 1974a:67 (♂*,♀*; subg. trans-
 fer).
margarsen. From p. 117. Add Reinert 1974a:67 (♂*,♀*; subg. transfer).
neomacrodixoa. Add Solomon Is. Reinert 1974a:68 (♀*; distr.).
nigrotarsis. From p. 117. Add South Vietnam. Reinert 1974a:68 (♂*,
 ♀*; subg. transfer; distr.).
nobukonis. From p. 71. Add Ryukyu Is. Reinert 1974a:69 (♂,♀*,E;
 subg. transfer). Tanaka, Saugstad and Mizusawa 1975:224
 (distr.).
ishigakiensis. From p. 117. Add Reinert 1974a:69 (syn.).
notabilis. From p. 117. Add Reinert 1974a:70 (♀*; holotype data
 amended; subg. transfer).
nubicolus. From p. 117. Add Reinert 1974a:17 (subg. transfer).
pahangi. From p. 117. Add Reinert 1974a:71 (♀*; subg. transfer).
panayensis. Add Alor, Celebes. Reinert 1974a:71 (♂*,♀*; distr.).
petroelephantus. From p. 71. Add Reinert 1974a:72 (♀*; lectotype
 desig.; subg. transfer).
philippinensis. From p. 117. Add Reinert 1974a:73 (type not found
 in USNM; subg. transfer).

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168. *phnomus*. From p. 118. Add Thailand. Reinert 1974a:73 (subg. transfer; distr.).
- pipkini*. From p. 71. Add Reinert 1974a:73 (♀*; subg. transfer).
- priokeanensis*. From p. 118. Add Reinert 1974a:74 (♂*; subg. transfer).
- protuberans*. From p. 118. Add Reinert 1974a:17 (subg. transfer).
- pseudodiurnus*. From p. 118. Add Reinert 1974a:16 (subg. transfer).
- pseudomediofasciatus*. From p. 72. Add Reinert 1974a:75 (♂*,♀*; subg. transfer).
- + *pseudovarietas* Reinert. Malaysia (Sabah).
1974a:76 (♂*). Type-loc: Matunggong, Kudat, Sabah, Malaysia (USNM).
- + *ramalingami* Reinert. Malaysia (Sabah).
1974a:78 (♂*). Type-loc: Kg. Maraba, Beaufort, Sabah, Malaysia (USNM).
- rami*. From p. 72. Add Reinert 1974a:80 (♀*; subg. transfer).
- rarus*. From p. 118. Add Cambodia, Indonesia (Sumatra), Malaysia (Sabah). ~~Delete~~ Borneo. Add Reinert 1974a:81 (♂,♀*; subg. transfer; distr.).
- khmerus*. From p. 117. Add Reinert 1974a:81 (syn.).
- robertsi*. From p. 118. Add Reinert 1974a:17 (subg. transfer).
- + *sabahensis* Reinert. Malaysia (Sabah).
1974a:82 (♀*). Type-loc: Kg. Bingul, Beaufort, Sabah, Malaysia (USNM).
- seculatus*. From p. 72. Add Reinert 1974a:84 (subg. transfer).
169. *singularis*. From p. 118. Add Reinert 1974a:17 (subg. transfer).
- + *sohni* Reinert. Malaysia (Sabah).
1974a:85 (♂*). Type-loc: Pensiangan, Sapulut, Sabah, Malaysia (USNM).
- + *srilankensis* Reinert. Sri Lanka.
1977:366 (♂*). Type-loc: 18 miles n.e. of Colombo, Yakkala, Western Province, Sri Lanka (USNM).
- stungus*. From p. 118. Add Reinert 1974a:17 (subg. transfer).
- torosus*. From p. 118. Add Reinert 1974a:87 (♂*,P*,L*; subg. transfer).

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169. *uncus*. From p. 118. Add Vietnam. Reinert 1974a:88 (♂*,♀*,L*; subg. transfer; distr.).
- hirsutipleura*. From p. 116. Add Reinert 1974a:88 (syn.; lectotype disig.).
- vallistris*. From p. 118. Add Reinert 1974a:91 (♂*,♀*,P*,L*; subg. transfer).
- varietas*. From p. 118. Add Singapore. Reinert 1974a:92 (♀*; subg. transfer; distr.).
- virilis*. From p. 118. Add Malaysia (Sabah). Delete Malaya. Add Reinert 1974a:92 (♂*,♀*; subg. transfer; distr.).
- yerburyi*. From p. 72. Add Reinert 1974a:95 (♂*,♀*; subg. transfer).
- yusafi*. From p. 119. Add Thailand. Reinert 1974a:96 (♂*,♀*,P*,L*; subg. transfer; distr.).
- siamensis*. From p. 118. Add Reinert 1974a:96 (syn.).

Armigeres (Armigeres)

170. *aureolineatus*. # Add Philippines. Change Delfinado 1966a:80 (♂*) to Delfinado 1966a:80 (♂*; distr.).
- breinli*. Add Wuvulu I. Rodhain and Gaxotte 1977:77 (distr.).
171. *kuchingensis*. Add Nepal. Joshi, Pradhan and Darsie 1965:138 (distr.).
172. *subalbatus*. Add Nepal. Joshi, Pradhan and Darsie 1965:138 (distr.).

Armigeres (Leicesteria)

174. *omissus* # Add Philippines. Change Delfinado 1966a:92 (♂*,♀*,P*,L*) to (♂*,♀*,P*,L*; distr.).

Eretmapodites

175. + *adami* Ferrara and Eouzan. Cameroon. 1974:261 (♂*). Type-loc: On road Yaounde-Kribi (11°28' E, 3°23' N), Cameroon (IERT).
- argyrurus*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.).
- + *breguesi* Rickenbach and Lombrici. Cameroon. 1975:39 (♂*). Type-loc: Nkadip (Mefou), Cameroon (IERT).
- dracaenae*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.).
- + *eouzani* Rickenbach and Lombrici. Cameroon. 1974:218 (♂*). Type-loc: Ebogo (Nyong and So), Yaounde, Cameroon (IERT).

Cat. p.

175. forcipulatus. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.).
- gilletti. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:93 (distr.).
- grahami. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.).
- haddowi. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.).
176. harperi. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:93 (distr.).
- inornatus. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.).
- intermedius. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:93 (distr.).
- + jani Rickenbach and Lombrici. Cameroon. 1976:42 (♂*). Type-loc: Nkolbisson, Cameroon (IERT).
- leucopous. Add Cameroon, Gabon. Rickenbach and Lombrici 1975:39 (♂*; as *leucopus*). Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.). Service 1976:261 (distr.).
- ssp. productus. To p. 177 as valid species.
- mahaffyi. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:93 (distr.).
- marcelleae. Return to orig. spelling of marcellei.
- marcellei. Add White 1975:324 (correction of ending from *marcelleae*).
177. pauliani. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:93 (distr.).
- productus. From p. 176. Add Cameroon. Rickenbach and Lombrici 1975:39 (♂*; as valid sp.). White 1975:324 (to sp. status). Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.).
- + rickenbachi Ferrara and Eouzan. Cameroon. 1974:259 (♂*). Type-loc: Ofoumselek (11°43' E, 3°59' N), Cameroon (IERT).
- subsimplificipes. Add Mozambique. Worth and De Meillon 1960:245 (distr.).
- tonsus. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.).

Cat. p.

178. wansonii. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:94 (distr.).

Haemagogus (Conopostegus)

leucocelaenus. Add Surinam. Panday 1975:143 (distr.).

Haemagogus (Haemagogus)

179. argyromeris.

gladiator. # Add L to original descrip.

chalcospilans. # Add L to original descrip.

Heizmannia (Heizmannia)

182. himalayensis. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).

indica. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).
Add ; larva now considered to be unknown). to Mattingly
1970a:25 (♂*,♀*)

183. macdonaldi. # Add Thailand.

Psorophora (Janthinosoma)

187. albipes. Add Mexico. Heinemann and Belkin 1977c:530 (distr.).

188. cyanescens. Add Nicaragua, Mexico. Heinemann and Belkin 1977b:453 (distr.). Heinemann and Belkin 1977c:530 (distr.).

ferox. Add Mexico. Heinemann and Belkin 1977c:530 (distr.).

189. ferraroii. To p. 190 as syn. of varipes.

190. + mathesoni Belkin and Heinemann. United States. 1975b:363 (♂*,♀,P*). Type-loc: Annie Pond, Florence, Alabama, U.S.A. (USNM).

varipes.

ferraroii. From p. 189. Add Mexico, Guatemala, El Salvador, Nicaragua. Belkin and Heinemann 1975b:363 (syn.; distr.).

Psorophora (Psorophora)

ciliata. Add Belize. Heinemann and Belkin 1977b:415 (distr.).

191. cilipes. Add Belize. Heinemann and Belkin 1977b:415 (distr.).

Culex

194. Important references: Add Bram 1975:347 (genetics).

Culex (Acalleoymia)

obscurus. Add Sumatra. Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.).

Cat. p.

Culex (Anoedioporpa)

195. *belemensis*. Add French Guiana. Fauran and Pajot 1974a:102 (distr.).
chaguanco. # Correct "Argentinu" to Argentina.
conservator. Add Costa Rica, Belize, Guatemala, Honduras, Mexico. Heinemann and Belkin 1977a:283 (distr.). Heinemann and Belkin 1977b:415,427,442 (distr.). Heinemann and Belkin 1977c:528 (distr.).
196. *corriganii*. Add Costa Rica, Nicaragua. Heinemann and Belkin 1977a:283 (distr.). Heinemann and Belkin 1977b:452 (distr.).
originator. Add Grenada. Belkin and Heinemann 1976c:272 (distr.).

Culex (Barraudius)

- modestus*. Add Israel, Mongolia. Gutsevich, Monchadsky and Stackelberg 1974:351 (♂*,♀,L*). Margalit and Tahori 1974:85 (distr.). Mattingly 1975a:22 (E*). Minar 1976:335 (distr.).
197. + ssp. *inatomii* Kamimura and Wada. Japan (Honshu). 1974:13 (♂*,♀*,P*,L*). Type-loc: Utoma, Kojima City, Okayama Prefecture, Honshu, Japan (NMST).
pusillus. Add Israel. Gutsevich, Monchadsky and Stackelberg 1974:353 (♂*,♀,L*). Margalit and Tahori 1974:86 (distr.).

Culex (Carrollia)

198. + *wannonii* Cova Garcia and Sutil Oramus. Venezuela. 1976b:354 (♂*,P*,L*). Type-loc: Municipality La Florida, State of Tachira, Venezuela (ND).

Culex (*Culex*)

199. Important references: Add Matsuo, Lien, Kunou and Ito 1974:51 (*mimeticus* group). Sirivanakarn 1975a:69 (*vishnu* complex). Sirivanakarn 1976:1 (revision, Oriental region).
abnormalis. Add Cotrim, Bianchi and Von Atzingen 1974:9 (♂*).*
afridii. To p. 210 as syn. of *infula*.
airozai. Add Cotrim, Bianchi and Von Atzingen 1974:12 (♂*).*
alienus. Replace Malaysia with Borneo ; add Vietnam. Add Sirivanakarn 1976:122 (♂*,♀,P*,L*; distr.).
200. *alis*. Replace distr. with Christmas I., Thailand, Vietnam, Malaysia (Peninsular, Sabah), Singapore, Taiwan, Indonesia (Ceram, Irian Barat), Philippines. Add Sirivanakarn 1976:100 (♂*,♀,P*,L*; distr.).
neolitoralis. From p. 214. Add Sirivanakarn 1976:100 (to syn. with *alis*).

Cat. p.

200. **annulirostris**. Replace distr. with Australasian Region, Micronesia, South Pacific. Add Sirivanakarn 1976:107 (♂*,♀,P*,L*; distr.).
201. **annuliventris**. From p. 123.
- antennatus**. Add Israel. Margalit and Tahori 1974:86 (distr.).
- argenteopunctatus**. Add Mozambique. Worth and De Meillon 1960:248 (distr.).
- ssp. **kingii**. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.).
202. **astridianus**. Substitute Rwanda for Belgian Congo. Add White 1975:316 (distr.).
- aurantapex**. Add Mozambique. Worth and De Meillon 1960:247 (distr.).
- + **banksensis** Maffi and Tenorio. New Hebrides. 1977:503 [reference received too late to be obtained].
- barraudi**. Add Pakistan, China. Sirivanakarn 1976:138 (♂*,♀,P,L*; distr.).
203. **bihamatus**. Add Sirivanakarn 1974:259 (♂*).
- bitaeniorhynchus**. Add Cameroon, Gabon. Gutsevich, Monchadsky and Stackelberg 1974:367 (♂*,♀,L*). Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.). Service 1976:262 (distr.). Sirivanakarn 1976:65 (♂*,♀*,P*,L*).
- infula*. To p. 210 as valid species.
- tenax*. To p. 210 as syn. of infula.
- ambiguus*. To p. 210 as syn. of infula.
- taeniarostris*. To p. 210 as syn. of infula.
- ocellata*. To p. 210 as syn. of infula.
- sarawaki*. To p. 210 as syn. of infula.
- domesticus*. To p. 210 as syn. of infula.
204. **bonneae**. Add Costa Rica. Heinemann and Belkin 1977a:283 (distr.).
205. **corniger**. Add Guatemala, Honduras. Heinemann and Belkin 1977b:427, 442 (distr.).
- cornutus**. Add Pakistan. Sirivanakarn 1976:86 (♂*,♀,P,L; lectotype desig.; distr.).
- coronator**. Add Saint Lucia. Belkin and Heinemann 1976c:288(distr.).
206. **diengensis**. Add Sirivanakarn 1976:156 (♂*,♀*,P).

Cat. p.

207. + *dohenyi* Hogue. Costa Rica (Cocos I.).
1975:357 (♂*,♀,P*,L*). Type-loc: Wafer Bay, Cocos I., Costa
Rica (USNM).
- duplicator*. Correct San Francisco Mountains to San Francisco mines.
Add Belkin and Heinemann 1973:218 (type-loc. info.).
- edwardsi*. Replace distr. with India, Sri Lanka, Papua New Guinea,
Australia (Queensland). Add Sirivanakarn 1976:141 (♂*,♀,
P,L; distr.).
- epidesmus*. Replace distr. with India, Pakistan, Bangla Desh, Sri
Lanka, Nepal. Add Joshi, Pradhan and Darsie 1965:138 (distr.).
Sirivanakarn 1976:88 (♂*,♀; distr.).
- ochracea*. Add Sirivanakarn 1976:89 (lectotype desig.).
208. *fasyi*. Add Sirivanakarn 1976:149 (♂*,♀,P,L).
- fuscifurcatus*. To p. 211 as syn. of *jacksoni*.
- fuscocephala*. Add Ryukyu Is., Timor. Da Costa Pinhao 1974:470 (distr.).
Tanaka, Saugstad and Mizusawa 1975:219 (distr.). Sirivanakarn
1976:51 (♂*,♀*,P*,L*; distr.).
209. *gelidus*. Add Berlin and Subramanian 1974:263 (E*). Sirivanakarn 1976:
58 (♂*,♀*,P*,L*).
- geminus*. Add Sirivanakarn 1976:90 (♂*,♀,P,L*).
- giganteus*.
- neireti*. Add White 1975:317 (tax.).
- grahamii*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-
Choumara 1976:97 (distr.).
- guiarti*. Add Cameroon, Gabon. Rickenbach, Eouzan, Ferrara and Bailly-
Choumara 1976:97 (distr.). Service 1976: 262 (distr.).
210. *hutchinsoni*. Add Pakistan, Cambodia, Philippines. Sirivanakarn 1976:
40 (♂*,♀*,P*,L*; distr.).
- incognitus*. Add Indonesia (Moluccas, Sulawesi). Sirivanakarn 1976:
126 (♂*,♀*,P*,L*; distr.).
- infula*. From p. 203. Add Thailand, Malaysia, Vietnam, Burma, Bangla
Desh, Indonesia, Philippines, India, Sri Lanka, Micronesia
(Palau). Sirivanakarn 1976:71 (resurrection from syn. with
bitaeniorhynchus; ♂*,♀*,P,L*; distr.).
- tenax*. From p. 203. Add Sirivanakarn 1976:71 (syn.).
- ambiguous*. From p. 203. Add Sirivanakarn 1976:71 (syn.).
- taeniarostris*. From p. 203. Add Sirivanakarn 1976:71 (syn.).

Cat. p.

210. *infula*.

ocellata. From p. 203. Add Sirivanakarn 1976:71 (syn.).

sarawaki. From p. 203. Add Sirivanakarn 1976:71 (syn.).

domesticus. From p. 203. Add Sirivanakarn 1976:71 (syn.).

afriidi. From p. 199. Add Sirivanakarn 1976:71 (syn.).

ingrami. Add Gabon. Service 1976:262 (distr.).

interrogator. Add Costa Rica, Honduras. Heinemann and Belkin 1977a:283 (distr.). Heinemann and Belkin 1977b:442 (distr.).

211. *invidiosus*. Add Cameroon, Gabon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:97 (distr.). Service 1976:262 (distr.).

jacksoni. Add India, Nepal, Sri Lanka, Hong Kong, Taiwan. Gutsevich, Monchadsky and Stackelberg 1974:378 (A,L). Sirivanakarn 1976:150 (♂*,♀*,P*,L*; lectotype desig; distr.).

fusciifurcatus. From p. 208. Add Joshi, Pradhan and Darsie 1965:138 (distr.). Sirivanakarn 1976:150 (syn.; lectotype desig.).

kangi. From below. Add Sirivanakarn 1976:150 (syn.).

kangi. To syn. with *jacksoni*.

+ *kinabaluensis* Sirivanakarn. Malaysia (Sabah). 1976:91 (♂*,♀*,P*,L*). Type-loc: Mt. Kinabalu, Sabah, Malaysia (USNM).

laticinctus. # Change "Pennusula" to Peninsula.

212. + *longicornis* Sirivanakarn. Thailand. 1976:81 (♂*,♀). Type-loc: Doi Sutep, Chiang Mai, Thailand (USNM).

+ *luzonensis* Sirivanakarn. Philippines. 1976:75 (♂*,♀*,P,L). Type-loc: Imugan, Dalton, N. Vizcaya, Luzon, Philippines (USNM).

mimeticus. Add Ryukyu Is. Gutsevich, Monchadsky and Stackelberg 1974:375 (♂*,♀*,L*). Tanaka, Saugstad and Mizusawa 1975:220 (distr.). Sirivanakarn 1976:145 (♂*,♀*,P*,L*).

mimuloides. Add China. Sirivanakarn 1976:153 (♂*,♀*,P*,L*; distr.).

mimulus. Add Bangla Desh, Hong Kong, Taiwan, Pakistan, Vietnam. Sirivanakarn 1976:157 (♂*,♀*,P*,L*; lectotype desig; distr.).

neomimulus. From p. 214. Add Sirivanakarn 1976:157 (syn.).

Cat. p.

213. *molestus*. From p. 219 with all synonyms. Add Expanding global range in temperate zones. Marshall and Staley 1937:17 (morphologically defined). Miles 1977:491 (strong evidence for treatment as valid sp.). Iglisch 1977:219 (♂*).
- mollis*. Add Nicaragua. Heinemann and Belkin 1977b:452 (distr.).
- murrelli*. Add China, Vietnam, Malaysia (Peninsular). Sirivanakarn 1976:162 (♂*,♀*,P*,L*; distr.).
- musarum*. Delete Ethiopia. Add White 1975:316 (distr.).
- neavei*. Add Gabon. White 1975:317 (lectotype desig.), 322 (ident.). Service 1976 : 260 (distr.).
214. *neolitoralis*. To p. 200 as syn. of *alis*.
- neomimulus*. To p. 212 as syn. of *mimulus*.
- neovishnui*. To p. 221 as syn. of *pseudovishnui*.
215. *orientalis*. Add Gutsevich, Monchadsky and Stackelberg 1974:380 (♂*,♀*,L*). Sirivanakarn 1976:165 (♂*,♀*,L*).
- perexiguus*. From p. 227. Add Sudan savannah belt of W. Africa eastwards to n.w. India. White 1975:318 (resurrection from syn. with *univittatus*; lectotype desig.; distr.), 322 (ident.).
- perfuscus*. Add Cameroon, Gabon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:97 (distr.). Service 1976 : 260 (distr.).
- perplexus*. Replace distr. with Malaysia (Peninsular, Sabah), Singapore, India, Thailand, Indonesia (Kalimantan). Add Sirivanakarn 1976:120 (♂*,♀*,P*,L*; distr.).
216. *philipi*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:97 (distr.).
- + *philippinensis* Sirivanakarn. Philippines. 1976:124 (♂*,♀*,P*,L*). Type-loc: Tay-Tay, Rizal, Luzon, Philippines (USNM).
- pinarocampa*. Add Costa Rica. Heinemann and Belkin 1977a:283 (distr.).
- pipiens*. Add Cameroon. Tewfik and Barr 1974:216 (chromosomes; ? *mo-testus*). Bram 1975:347 (genetics). Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.). Utrio 1976:129, 135 (L*). Iglisch 1977:267 (♂*).
217. + *ssp. erectus* Iglisch. West Germany. 1977:269 (♂*). Type-loc: Krummer Fenn, Berlin-Zehlendorf, West Germany (ND).

Cat. p.

pipiens.

217. + *ssp. torridus* Iglisch. West Germany.
1977:269 (♂*). Type-loc: Krummer Fenn, Berlin-Zehlendorf,
West Germany (ND).
ssp. quinquefasciatus. With all synonyms to p. 221 as valid species.
219. *issp. molestus*. To p. 213 as valid species with all synonyms.
issp. pallens. Add Korea. Chow 1973:44 (distr.). Ishii 1977:31
(taxonomic review).
220. *propinquus*. Add Sirivanakarn 1976:164 (♀).

pruina.

- issp. eschirasi*. Reduced to issp. status. Add White 1975:320
(change in status).
221. *pseudosinensis*. Delete Indochina and add Malaysia (Peninsular).
Add Sirivanakarn 1976:79 (♂*,♀*,P,L*; distr.).
- pseudovishnui*. Add Sirivanakarn 1975a:72 (♂*,♀*,P*,L*). Sirivanakarn
1976:116 (♂*,♀*,P*,L*).
- neovishnui*. From p. 214. Add Sumatra. Lien, Kosman, Partono,
Joesoef, Kosin and Cross 1975:234 (distr.). Sirivanakarn
1976:116 (syn.).
- quasiguiarti*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-
Choumara 1976:97 (distr.).
- quinquefasciatus*. With all synonyms from p. 217. Add Barr 1976:347
(genetics). White 1975:319 (tax.). Sirivanakarn 1976:30
(♂*,♀*,P*,L*; as valid species). Belkin 1977a:45 (nomencla-
tural review). Iglisch 1977:271 (♂*).
- fatigans*. Add White 1975:318 (tax.).
- albolineatus*. Add Sirivanakarn 1976:33 (lectotype desig.).
- zeltneri*. From p. 229. Add White 1975:322 (syn.).
- goughii*. Add White 1975:321 (lectotype desig.; ♀ paralecto-
type = *univittatus*).
- saltanensis*. Add Cotrim, Bianchi and Von Atzingen 1974:14 (♂*,P*,L*).
- samoensis*. Delete Samoa Islands. Add Western Samoa. Ramalingam
1976:308 (distr.).
222. + *selangorensis* Sirivanakarn. Malaysia (Peninsular).
1976:77 (♂*,♀*,P,L). Type-loc: Bukit Kutu, Selangor, Malay-
sia (USNM).

secutor.

lamentator. # Correct San Francisco Mountains to San Francisco
mines. Add Belkin and Heinemann 1973:218 (type-loc. info.).

Cat. p.

222. *simpsoni*. Add Seychelles. Gerberg and Arnett 1976:343 (distr.).
- sinensis*. Add Nepal, Hong Kong, Vietnam, Bangla Desh. Joshi, Pradhan and Darsie 1965:138 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:371 (♂*,♀,L*). Sirivanakarn 1976:82 (♂*,♀*,P*,L*; distr.).
223. *sitiens*. Add North Pacific, Santa Cruz Is., Mozambique, and before Madagascar add Cameroon. Add Worth and De Meillon 1960:247 (distr.). Maffi and Taylor 1974:207 (distr.). Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.). Sirivanakarn 1976:95 (♂*,♀*,P*,L*; distr.).
224. *starckeae*. Add Timor. Da Costa Pinhao 1974:470 (distr.).
225. *telesilla*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:97 (distr.).
- thalassius*. Add Gabon, Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.). Service 1976:262 (distr.).
- theileri*. Add Mongolia. Gutsevich, Monchadsky and Stackelberg 1974:388 (♂*,♀,L*). Minar 1976:335 (distr.). Sirivanakarn 1976:43 (♂*,♀*,P,L*; lectotype desig.).
226. *torrentium*. Add Gutsevich, Monchadsky and Stackelberg 1974:392 (♂,♀,L). Iglisch 1977:270 (♂*).
- trifilatus*. Add Gabon, Mozambique. Worth and De Meillon 1960:250 (distr.). Service 1976:262 (distr.).
- trifoliatus*. Add Cameroon, Mozambique. Worth and De Meillon 1960:250 (distr.). Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:97 (distr.).
- tritaeniorhynchus*. Replace distr. with Oriental Region, Ethiopian Region, Mediterranean and Middle East, Micronesia, eastern Palaearctic Region. Add Joshi, Pradhan and Darsie 1965:138 (distr.). Ree, Self, Hong and Lee 1973:383 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:382 (♂*,♀*,L*). Sirivanakarn 1975a:73 (♂*,♀*,P*,L*). Sirivanakarn 1976:129 (♂*,♀*,P*,L*; distr.).
- summorosus*. From ssp. status. Add Bram 1967b:225 (syn.). Sirivanakarn 1976:129 (tax.).
- ssp. *summorosus*. To syn. with *tritaeniorhynchus*.
- tsengi*. Add Sirivanakarn 1976:152 (♂*,♀*,P,L*).

Cat. p.

227. *univittatus*. Replace distr. with Southern Rhodesia, Dahomey, Ethiopia, Kenya, Niger, South Africa, Upper Volta, Madagascar, ?Yemen, ?Spain, Middle East. Add Gutsevich, Monchadsky and Stackelberg 1974:385 (♂*,♀,L*). White 1975:316,320 (tax.; lectotype desig.; distr.). Sirivanakarn 1976:48 (♂*,♀*,P,L*; distr.).

perewigaus. To p. 215 as valid species.

montforti. Add White 1975:321 (lectotype desig.).

goughii. Add White 1975:320 (tax.).

- vagans*. Add Nepal, Ryukyu Is., Hong Kong, Okinawa, Pakistan, Bangla Desh, Mongolia. Joshi, Pradhan and Darsie 1965:138 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:390 (♂*,♀,L*). Tanaka, Saugstad and Mizusawa 1975:219 (distr.). Minar 1976:335 (distr.). Sirivanakarn 1976:37 (♂*,♀*,P*,L*; distr.).

vansomereni. Add Mozambique. Worth and De Meillon 1960:250 (distr.).

228. *vishnui*. Add Nepal, Timor, Bangla Desh, Burma, Sri Lanka, Vietnam, Cambodia, Singapore, China, Taiwan, Ryukyus. Substitute Indonesia for Java. Add Joshi, Pradhan and Darsie 1965:138 (distr.). Da Costa Pinhao 1974:470 (distr.). Sirivanakarn 1975a:71 (♂*,♀*,P*,L*). Sirivanakarn 1976:111 (♂*,♀*,P*,L*; distr.).

annulus. Add Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (Sumatra; as valid sp.).

weschei. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:97 (distr.).

whitei. Add Bangla Desh, Vietnam, Malaysia (Peninsular), Indonesia, Philippines. Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.). Sirivanakarn 1976:135 (♂*,♀,P*,L*; distr.).

whitmorei. Add Ryukyu Is., Nepal. Joshi, Pradhan and Darsie 1965:138 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:372 (♂*,♀,L*). Tanaka, Saugstad and Mizusawa 1975:219 (distr.). Sirivanakarn 1976:103 (♂*,♀*,P*,L*).

229. *zeltneri*. To p. 221 as syn. of *quinquefasciatus*.

Culex (Culiciomyia)

bahri. Add Sirivanakarn 1977c:94 (♂*,♀).

230. *eouzani*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.).

harleyi. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.).

Cat. p.

230. + *harrisoni* Sirivanakarn. Thailand.
1977c:102 (♂*,♀,P,L*). Type-loc: Chiang Dao, Chiang Mai,
Thailand (USNM).
javanensis. Add Sirivanakarn 1977c:100 (♂*,♀,P,L*).
231. *macfieii*. Add Gabon. Service 1976:262 (distr.).
232. *pallidothorax*. Add Timor. Da Costa Pinhao 1974:470 (distr.).
pullus. Add Timor. Da Costa Pinhao 1974:470 (distr.).
scanloni. Add Sulawesi. Lien, Kawengian, Partono, Lami and Cross
1977:720 (distr.).
semibrunneus. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-
Choumara 1976:95 (distr.).
233. *shebbearei*. Add Sirivanakarn 1977c:98 (♂*,♀,P,L*).*
spathifurca. Add Sumatra. Lien, Kosman, Partono, Joesoef, Kosin and
Cross 1975:234 (distr.).
subaequalis. Add Cameroon, Gabon. Rickenbach, Eouzan, Ferrara and
Bailly-Choumara 1976:96 (distr.). Service 1976:262 (distr.).
viridiventer. Add China. Sirivanakarn 1977c:96 (♂*,♀,P*,L*; distr.).
- Culex* (*Eumelanomyia*)
234. *andreasus*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-
Choumara 1976:95 (distr.).
brevipalpis. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).
Mattingly 1975a:22 (E*).
235. + *chungkiangensis* Chang and Chang. China.
1974:347 (♂*). Type-loc: Chungkiang, Kweichow Province,
China (Provincial Station of Sanitary and Diseases Control,
Kweichow, China).
fimbriforceps. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-
Choumara 1976:96 (distr.).
galliardii. Add Gabon. Service 1976:262 (distr.).
- + *germaini* Geoffroy. Central African Republic.
1974:93 (♂*). Type-loc: Mbaere River, on rd. from Boda to
Bambio (3°56' N, 17°00' E), Central African Republic (IERT).
- + *gudouensis* Chang, Zhao, Hang and Chen. China.
1975:338 (♂*,♀,L*). Type-loc: Xin-hui Shien, Kwangtung Pro-
vince, China (Kwangtung Health Station, Kwangchow).

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236. *hackeri*. Replace Malaya with Malaysia. Sirivanakarn and Ramalingam 1976:214 (tax., n. distr.).
- hayashii*. Gutsevich, Monchadsky and Stackelberg 1974:363 (♂,♀,L*).
- inconspicuus*. Add Gabon. Service 1976 : 260 (distr.).
- insignis*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:95 (distr.).
- iphis*. Add Sirivanakarn 1977d:541 (P*,L*).
- + *jefferyi* Sirivanakarn. Malaysia (Peninsular). 1977b:77 (♂,♀,P*,L). Type-loc: Carey I., Selangor, Peninsular Malaysia, Malaysia (USNM).
237. + *macrostylus* Sirivanakarn and Ramalingam. Malaysia. 1976:210 (♂,♀,P,L*). Type-loc: Genting Heights, Pahang, Malaysia (USNM).
- malayensis*. Replace distr. with Malaysia (Peninsular, Sabah). Sirivanakarn 1977b:74 (♂,♀,P*,L*; distr.).
- + *manusensis* Sirivanakarn. Bismarck Archipelago (Manus I.). 1975b:394 (♂,♀,P*,L*). Type-loc: Lorengau Village, Manus District, Manus I., Papua New Guinea (BBM).
- + *mohani* Sirivanakarn. India. 1977d:537 (♂,♀,P*,L*). Type-loc: Coonoor, Nilgiri Hills, Madras, India (USNM).
- mundulus*. From p. 272. Add White 1975:322 (subg. desig.).
238. *pluvialis*. Add Malaysia (Peninsular), Sri Lanka. Sirivanakarn and Ramalingam 1976:214 (tax.). Sirivanakarn 1977:540 (P*,L*; distr.).
- pseudoandreas*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:95 (distr.).
- rifa*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:95 (distr.).
- rubinotus*. Add Gabon. Service 1976 : 262 (distr.).
- selai*. Replace distr. with Cambodia, Malaysia (Peninsular, Sabah). Add Sirivanakarn 1978b:78 (P*,L*; distr.).
- simplicicornis*. Delete Borneo, substitute Malaysia (Peninsular, Sabah). Add Sirivanakarn 1977b:78 (P*,L*; distr.).
- simpliciforceps*. Add Cameroon. Rickenbach, Eouzan, Ferrara and Bailly-Choumara 1976:96 (distr.).
239. *sunyaniensis*. Add Mozambique, Gabon. Worth and De Meillon 1960:246 (distr.). Service 1976 : 262 (distr.).

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239. + *tauffliebi* Geoffroy and Herve. Central African Republic.
1976:151 (♂*). Type-loc: Bozo, Central African Republic (SSC).

tenuipalpis. Add Sirivanakarn and Ramalingam 1976:213 (tax.).

Culex (*Lasiosiphon*)

adairi. Add Israel. Margalit and Tahori 1974:85 (distr.).

Culex (*Lophoceraomyia*)

240. important references: Add Sirivanakarn 1977a:1 (Oriental Region, revision).

aculeatus. Add Sirivanakarn 1977a:48 (♂*,♀,P,L).

acutipalus. Delete Malaya and add Singapore, Malaysia (Peninsular).
Add Sirivanakarn 1977a:140 (♂*,♀,P,L; distr.).

- + *aestivus* Sirivanakarn. Malaysia (Sarawak).
1977a:50 (♂*). Type-loc: Long Tebangan, Sarawak, Malaysia (BM).

- + *alorensis* Sirivanakarn. Indonesia (Alor, Pantar, Timor).
1977a:25 (♂*,♀,P,L). Type-loc: Alor, Indonesia (USNM).

alphus. Replace distr. with Malaysia (Peninsular, Sabah), Singapore, Thailand. Add Sirivanakarn 1977a:65 (♂*,♀*,P*,L*; distr.).

bandoengensis. Replace distr. with Indonesia (Java, Ceram), Malaysia (Peninsular). Add Sirivanakarn 1977a:104 (♂*,♀,P,L; distr.).

bengalensis. Replace distr. with India, Thailand, Malaysia (Peninsular, Sabah), Indonesia (Kalimantan), China (Hainan). Add Sirivanakarn 1977a:112 (♂*,♀,P*,L; distr.).

bicornutus. From p. 245. Add Burma, India, Sri Lanka, Thailand, Vietnam, Malaysia (Peninsular), China (Hainan I.), Japan (Ryukyus).
Sirivanakarn 1977a:102 (resurrection from syn. with *minor*; ♂,♀, P,L*; distr.).

241. *brevipalpus*. Add Malaysia (Peninsular, Sabah). Sirivanakarn 1977a:135 (♂*,♀*,P*,L*; distr.).

cinctellus. Replace distr. with Malaysia (Peninsular, Sarawak, Sabah), India, Thailand, Vietnam, Singapore, Indonesia (Java, Sumatra), Philippines, China (Hainan I.), Japan. Add Sirivanakarn 1977a:33 (♂*,♀*,P*,L*; distr.).

coerulescens. Delete Borneo; add Malaysia (Peninsular, Sarawak).
Add Sirivanakarn 1977a:129 (♂*,♀,P,L*; distr.).

Cat. p.

241. *crassicomus*. Substitute Malaysia (Peninsular, Sabah) for Malaya. Add Sirivanakarn 1977a:110 (♂*; distr.).
- cubitatus*. Replace distr. with Singapore, Malaysia (Peninsular, Sabah), Philippines (Palawan), Indonesia (Ceram), Papua New Guinea. Add Sirivanakarn 1977a:57 (♂*,♀,P,L; distr.).
- curtipalpis*. Replace distr. with Malaysia (Sarawak, Sabah, Peninsular), Singapore, Thailand, Indonesia (Sumatra, Kalimantan). Add Sirivanakarn 1977a:142 (♂*,♀*,P*,L*; distr.).
242. *demissus*. Add Thailand. Sirivanakarn 1977a:91 (♂*,♀,P*,L*; distr.).
- fuscosphonis*. From sp. status. Add Sirivanakarn 1977a:91 (syn.).
- eminentia*. Replace distr. with Malaysia (Peninsular, Sarawak), Singapore. Add Sirivanakarn 1977a:139 (♂*,♀,P,L; distr.).
- eukrines*. Add Sirivanakarn 1977a:116 (♂*,♀,P,L*).
- flavicornis*. Add Sirivanakarn 1977a:120 (♂*,♀,P*,L*).
- fulleri*. Add Sirivanakarn 1977a:36 (♂*,♀).
- fuscosphonis*. To syn. with *demissus*.
- ganapathi*. Substitute Malaysia (Peninsular, Sabah) for Malaya. Add Sirivanakarn 1977a:93 (♂*,♀,P*,L*; distr.).
243. *gibbulus*. Add Sirivanakarn 1977a:41 (♂*).
- + *gracicornis* Sirivanakarn. Malaysia (Peninsular), Thailand. 1977a:58 (♂*). Type-loc: Ayer Mati, Perak?, Malaysia (ANIC).
- hewitti*. Replace distr. with Malaysia (Sarawak, Peninsular), Singapore, Indonesia (Sumatra). Add Sirivanakarn 1977a:131 (♂*,♀*,P*,L*; distr.; lectotype desig.).
- + *hirtipalpis* Sirivanakarn. Thailand. 1977a:152 (♂*). Type-loc: Doi Sutep, nr. temple, Chiang Mai, Thailand (USNM).
- hui*. To p. 247 as syn. of *spiculosus*.
- + *imposter* Sirivanakarn. Malaysia (Sabah, Sarawak). 1977a:80 (♂*,♀,P*,L). Type-loc: Sapulut, Pensiangan, Sabah, Malaysia (USNM).
- incomptus*. Add Sirivanakarn 1977a:111 (♂*).
- inculus*. Replace distr. with Malaysia (Peninsular), Cambodia, Sumatra. Add Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.). Sirivanakarn 1977a:43 (♂*,♀,P*,L*; distr.).

Cat. p.

243. *infantulus*. Replace distr. with Hong Kong, India (Bombay), Nepal, Maldives Is., Burma, Sri Lanka, Thailand, Vietnam, Malaysia (Peninsular), Philippines, Japan, Indonesia (Java), China. Add Mattingly 1975a:19 (E*). Sirivanakarn 1977a:26 (♂,♀*, P*,L*; distr.).
- jenseni*. Replace distr. with Indonesia (Java, Sumatra), Malaysia (Sabah), Singapore. Add Sirivanakarn 1977a:133 (♂,♀*,P*, L*; distr.).
244. *josephineae*. Add Sirivanakarn 1977a:56 (♂,♀*,P,L).
- kuhnsi*. Replace distr. with Indonesia (Irian Barat, Ceram), Malaysia (Sabah), Philippines, Papua New Guinea. Add Sirivanakarn 1977a:107 (♂,♀,P,L*; distr.).
- + *mercedesae*. Baisas 1974:121 (♂,♀,L*; *uniformis* ssp.). Type-loc: Mt. Makiling, Luzon, Philippines (LU). Sirivanakarn 1977a:107 (syn.).
- lakei*. # For location of type substitute BBM for BM.
- + *lasiopalpis* Sirivanakarn. Sri Lanka. 1977a:123 (♂,♀,P*,L). Type-loc: Matale, Matale District, Central Province, Sri Lanka (USNM).
- lavatae*. Add Malaysia (Sabah). Sirivanakarn 1977a:86 (♂,♀,P,L; distr.).
- lucaris*. Delete Malaya. Add Singapore, Malaysia (Peninsular), Thailand. Sirivanakarn 1977a:138 (♂,♀,P,L; distr.).
- macdonaldi*. Replace distr. with Singapore, Malaysia (Peninsular, Sabah), Thailand, Vietnam, Indonesia (Sumatra), Philippines (Mindoro), India (Assam). Add Sirivanakarn 1977a:61 (♂,♀*, P*,L*; distr.).
- mammilifer*. Replace distr. with Malaysia (Peninsular, Sarawak, Sabah), Sri Lanka, Thailand, Indonesia (Java, Sumatra), Philippines, India, China (Hainan I.). Add Sirivanakarn 1977a:87 (♂,♀*, P*,L*; distr.).
245. *minor*. Replace distr. with Malaysia (Peninsular, Sarawak, Sabah), India, Thailand, Indonesia (Kalimantan, Java, West Irian), Philippines, Burma. Add Sirivanakarn 1977a:98 (♂,♀,P*,L*; distr.).
- bicornuta*. To p. 240 as valid species.
- plantaginis*. From p. 246. Add Sirivanakarn 1977a:98 (syn.; lectotype design.).

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245. *minutissimus*. Replace distr. with Sri Lanka, Nepal, India, Thailand. Add Joshi, Pradhan and Darsie 1965:138 (distr.). Sirivanakarn 1977a:22 (♂*,♀,P,L; distr.).
- navalis*. Replace distr. with Singapore, Malaysia (Peninsular), Indonesia (Kalimantan). Add Sirivanakarn 1977a:127 (♂*,♀*,P*,L*; distr.; lectotype desig.).
- niger*. Delete Sumatra. Add Sirivanakarn 1977a:40 (♂*,♀,P*,L*; distr.).
246. *pachecoi*. To syn. with *quadripalpis*.
- + *pairoji* Sirivanakarn. Thailand, Malaysia (Peninsular, Sabah), Singapore, Indonesia (Java, Sumatra). 1977a:63 (♂*,♀,P,L*). Type-loc: Khao Yai National Park, Nakhon Ratchasima, Thailand (USNM).
- + *paraculeatus* Sirivanakarn. Malaysia (Sabah), Philippines. 1977a:49 (♂*). Type-loc: Tawau, Sabah, Malaysia (BM).
- peytoni*. Add Vietnam, Malaysia (Peninsular), Indonesia (Java, Sumatra), India (Andaman Is.). Sirivanakarn 1977a:114 (♂*,♀,P*,L*; distr.).
- pholeter*. Add Sirivanakarn 1977a:118 (♂*,♀,P*,L*).
- pilifemoralis*. Add Thailand. Sirivanakarn 1977a:150 (♂*,♀,P,L; distr.).
- plantaginis*. To p. 245 as syn. of *minor*.
- quadripalpis*. Replace distr. with Malaysia (Sarawak, Sabah, Peninsular), Sri Lanka, Thailand, Philippines, Vietnam, Singapore, Indonesia (Sulawesi). Sirivanakarn 1977a:44 (♂*,♀*,P*,L*; distr.).
- pachecoi*. Add Sirivanakarn 1977a:44 (syn.).
- reidi*. Add Sumatra, Singapore. Change Malaya to Malaysia (Peninsular, Sabah). Add Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.). Sirivanakarn 1977a:51 (♂*,♀,P,L*; distr.).
- rubithoracis*. Replace distr. with Malaysia (Peninsular), India (Assam), Burma, Sri Lanka, Thailand, Cambodia, Vietnam, Singapore, Indonesia, Philippines, Hong Kong, Japan, China, Taiwan. Add Tanaka, Saugstad and Mizusawa 1975:217 (distr.). Sirivanakarn 1977a:37 (♂*,♀*,P*,L*; distr.).
247. *sedlaceae*. # Add location of type (BBM).
- seniori*. Add Sirivanakarn 1977a:31 (♂*).

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247. *spiculosus*. Replace distr. with Thailand, Burma, Malaysia (Peninsular), Taiwan. Add Sirivanakarn 1977a:96 (♂*,♀,P,L*; distr.).
- ivi*. From p. 243. Add Sirivanakarn 1977a:96 (syn.).
- sumatranus*. Replace distr. with Indonesia (Sumatra), Hong Kong, Vietnam, Cambodia. Add Sirivanakarn 1977a:145 (♂*,♀,P,L; distr.).
- traubi*. Replace distr. with Malaysia (Peninsular, Sabah), Thailand, Indonesia (Sumatra). Add Sirivanakarn 1977a:82 (♂*,♀,P*,L*; distr.).
- tuberis*. Add Thailand. Sirivanakarn 1977a:105 (♂*,♀,P,L; distr.).
- uniformis*. Replace distr. with Sri Lanka, India. Add Sirivanakarn 1977a:84 (♂*,♀,P,L*; lectotype desig.; distr.).
- variatus*. Replace distr. with Malaysia (Peninsular, Sabah), Thailand, Vietnam, Singapore, India (Assam, Andaman Is.), China (Hainan I.), Indonesia (Java Sumatra). Add Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:247 (distr.). Sirivanakarn 1977a:53 (♂*,♀*,P*,L*; distr.).
248. + *wardi* Sirivanakarn. Sri Lanka. 1977a:90 (♂*,♀,P,L). Type-loc: Kanneliya, Galle District, Sabaragamuwa Province, Sri Lanka (USNM).
- whartoni*. Replace Malaya with Singapore, Malaysia (Peninsular, Sabah), Thailand, Indonesia (Sumatra). Add Sirivanakarn 1977a:59 (♂*,♀*,P,L; distr.).
- wilfredi*. Replace distr. with Malaysia (Peninsular), Thailand, Vietnam. Add Sirivanakarn 1977a:147 (♂*,♀*,P*,L*; distr.).

Culex (Lutzia)

- allostigma*. Add Mexico. Heinemann and Belkin 1977c:529 (distr.).
- fuscanus*. Add Nepal, Timor. Joshi, Pradhan and Darsie 1965:139 (distr.). Da Costa Pinhao 1974:470 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:347 (♂*,♀,L*).
249. *halifaxii*. # Delete duplicate listings of Solomon Islands and Australia. Add Korea, Ryukyu Is. Chow 1973:44 (distr.). Tanaka, Saugstad and Mizusawa 1975:216 (distr.).

Culex (Maillotia)

250. *coursi*. Reduced to ssp. of *salisburyensis*.
- hortensis*. Add Gutsevich, Monchadsky and Stackelberg 1974:359 (♂*,♀,L*).

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250. *salisburyensis*.

ssp. *capensis*. From syn. with *salisburyensis*. Add South Africa. White 1975:323 (elev. to ssp. status).

naudeanus. Reduced to syn. with *s. capensis*. Add White 1975:323 (syn.).

ssp. *coursi*. Reduced from sp. status p. 250. Add White 1975:324 (reduced to ssp.).

+ *subsalisburyensis* Herve and Geoffroy. Central African Republic. 1974:191 (♂*). Type-loc: Moundi (6°52' N, 15°33' E), Central African Republic (IERT).

Culex (Melanoconion)

251. *alcocki*. Add French Guiana. Fauran and Pajot 1974a:103 (distr.).

252. *atratus*. Add Mattingly 1976:225 (E*).

253. *batesi*. Add French Guiana. Fauran and Pajot 1974a:103 (distr.).

breviculus. Add Surinam. Panday 1975:144 (distr.).

cayennensis. From p. 263. Add French Guiana. Floch and Kramer 1966:386 (♂*; resurrected from syn. with *portezii*).

chrysonotum. Add Belize, Nicaragua, Costa Rica. Heinemann and Belkin 1977a:283 (distr.). Heinemann and Belkin 1977b:415,453 (distr.).

254. *conspirator*. Add Honduras, Nicaragua. Heinemann and Belkin 1977b:442,453 (distr.).

255. *cristovaofi*. Add French Guiana. Fauran and Pajot 1974a:104 (distr.).

distinguendus. Add French Guiana. Fauran and Pajot 1974a:104 (distr.).

dunni. Add Costa Rica, Belize. Heinemann and Belkin 1977a:283 (distr.). Heinemann and Belkin 1977b:415 (distr.).

dyius. Add French Guiana. Fauran and Pajot 1974a:105 (distr.).

educator. Add Belize, Nicaragua. Heinemann and Belkin 1977b:415,453 (distr.).

256. *egcymon*. Add Costa Rica. Heinemann and Belkin 1977a:283 (distr.).

elevator. Add Honduras, Nicaragua. Heinemann and Belkin 1977b:442,453 (distr.).

epanastasis. Add Nicaragua. Heinemann and Belkin 1977b:453 (distr.).

epanastasis. # Correct to *epanastasis*.

Cat. p.

257. *erraticus*. Add Surinam. Panday 1975:144 (distr.). Mattingly 1976:226 (E*).
258. *flabellifer*. Add French Guiana. Fauran and Pajot 1974a:105 (distr.).
- foliafer*. Add French Guiana. Fauran and Pajot 1974a:108 (distr.).
- galindoi*. # Add an a to complete Panama.
- idottus*. Add Dominica, Guadeloupe, Grenada, Saint Lucia. Stone 1969:6 (distr.). Belkin and Heinemann 1976b:188 (distr.). Belkin and Heinemann 1976c:261,276,288 (distr.).
- inadmirabilis*. Add French Guiana. Fauran and Pajot 1974a:106 (distr.).
- inhibitor*. # Correct San Francisco Mts. to San Francisco mines.
Add Surinam, French Guiana. Belkin and Heinemann 1973:218 (type-loc. info.). Fauran and Pajot 1974a:106 (distr.). Panday 1976:144 (distr.).
259. *intrincatus*. Add French Guiana. Fauran and Pajot 1974a:106 (distr.).
- iolambdis*. Add Costa Rica, Nicaragua. Mattingly 1976:227 (E*).
Heinemann and Belkin 1977a:284 (distr.). Heinemann and Belkin 1977b:453 (distr.).
- jubifer*. Add French Guiana. Fauran and Pajot 1974a:106 (distr.).
- kerri*. Add French Guiana. Fauran and Pajot 1974a:259 (distr.).
261. *opisthopus*. Add French Guiana, Nicaragua. Fauran and Pajot 1974a:261 (distr.). Mattingly 1976:227 (E*). Heinemann and Belkin 1977b:453 (distr.).
- cedeceti*. Add Mattingly 1976:228 (E*).
- palaciosi*. Add French Guiana. Fauran and Pajot 1974a:108 (distr.).
- panocossa*. Add Belize. Heinemann and Belkin 1977b:415 (distr.).
262. *peccator*. Add Mattingly 1976:227 (E*).
- phlabistus*. Add French Guiana. Fauran and Pajot 1974a:106 (distr.).
- pilosus*. Add Mattingly 1976:223 (E*).
263. *portesi*. Add Surinam. Panday 1975:144 (distr.). Mattingly 1976:224 (E*).
- cayemensis*. To p. 253 as valid species.
- psatharus*. Add Costa Rica. Heinemann and Belkin 1977a:284 (distr.).
- putumayensis*. Add Surinam. Panday 1975:144 (distr.).

Cat. p.

264. *saramaccensis*. Add French Guiana. Fauran and Pajot 1974a:107 (distr.).
spissipes. Add French Guiana. Fauran and Pajot 1974a:107 (distr.).
265. *taeniopus*. Add Costa Rica. Mattingly 1976:225 (E*). Heinemann and Belkin 1977a:284 (distr.).
tecmaris. Add Costa Rica. Heinemann and Belkin 1977a:284 (distr.).
266. *vexillifer*. Add Honduras. Heinemann and Belkin 1977b:443 (distr.).

Culex (*Micraedes*)

- antillumagnorum*. Add Mattingly 1975a:21 (E*).
267. *erethyzonfer*. Add Costa Rica. Heinemann and Belkin 1977a:284 (distr.).
- + *jalisco* Berlin. Mexico.
 1974:273 (♂*,♀,P*,L*). Type-loc: nr. El Tuito, 16 km from Boca de Tomatlan (on highway from Puerto Vallarta to Manzanillo), Jalisco, Mexico (USNM).

Culex (*Microculex*)

- chryselatus*. Add French Guiana. Fauran and Pajot 1974a:107 (distr.).
268. *daumastocampa*. Add Costa Rica. Heinemann and Belkin 1977a:284 (distr.).
inimitabilis. Add Grenada. Belkin and Heinemann 1976c:272 (distr.).
269. + *pulidoi* Cova Garcia and Sutil Oramas. Venezuela.
 1974:29 (♂*). Type-loc: La Soledad, Municipio Altamira, Estado Barinas, Venezuela (DERM).
- rejector*. Add Costa Rica, Guatemala, Nicaragua. Heinemann and Belkin 1977a:284 (distr.). Heinemann and Belkin 1977b:427,453 (distr.).
- + *sutili* Cova Garcia and Pulido F. Venezuela.
 1974:27 (♂*,L*). Type-loc: Hacienda de La Maravilla, Municipio Tacata, Estado Miranda, Venezuela (DERM).

Culex (*Neoculex*)

270. *cheesmanae*. Add Belkin 1962:240 (♂*,♀,P,L*).*
deserticola. Add Israel. Margalit and Tahori 1974:86 (distr.).
271. *judaicus*. Add Israel. Margalit and Tahori 1974:86 (distr.).
martinii. Add Gutsevich, Monchadsky and Stackelberg 1974:361 (♂*,♀,L*).*

Cat. p.

272. *rubensis*. Add U.S.S.R. (Soviet Far East). Danilov and Kupriyanova 1976:928 (L*; distr.).

territans. Add Gutsevich, Monchadsky and Stackelberg 1974:357 (♂*, ♀, L*).

Culex (*Thaiomyia*)

dispectus. Add Mattingly 1975a:20 (E*).

+ *hainanensis* Chen. China (Hainan I.). 1977:95 (♂*, ♀, L*). Type-loc: Diaoluoshan, Hainan I. (KMC).

Culex (*Tinolestes*)

latisquama. Add Honduras, Nicaragua. Heinemann and Belkin 1977b: 443,453 (distr.).

mundulus. To p. 237 as a sp. of (*Eumelanomyia*).

Nomina Dubia

273. *aikenii*. Add Mattingly 1976:228 (E*).

Deinocerites

275. *mathesoni*. Add Mexico. Heinemann and Belkin 1977c:534 (distr.).

mcdonaldi. Add Cheng and Hogue 1974:211 (distr.).

nicoyae. Delete ? before Nicaragua. Add Heinemann and Belkin 1977b:453 (distr.).

Galindomyia

276. *leei*. Add Ecuador. Adames and Arzube R. 1975:113 (distr.). Adames and Galindo 1975:132 (P*, L*).

Culiseta (*Allotheobaldia*)

277. *longiareolata*. Add Gutsevich, Monchadsky and Stackelberg 1974:142 (♂*, ♀*, L*).

Culiseta (*Culicella*)

278. *fumipennis*. Add ?U.S.S.R. Gutsevich, Monchadsky and Stackelberg 1974:164 (♂*, ♀, L*; distr.).

morsitans. Add Israel. Gutsevich, Monchadsky and Stackelberg 1974: 158 (♂*, ♀, L*). Margalit and Tahori 1974:85 (distr.). Utrio 1976:129,131,135 (L*).

279. *setivalva*. Add Gutsevich, Monchadsky and Stackelberg 1974:166 (♂*, ♀, L*).

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279. *silvestris*.

ssp. *ochroptera*. Add Finland. Gutsevich, Monchadsky and Stackelberg 1974:160 (♂*,♀,L*). Utrio 1976:135 (distr.).

Culiseta (*Culiseta*)

280. *alaskaensis*. Add Utrio 1976:131,135 (L*).

ssp. *indica*. Emend *Monchadskii* to Monchadsky.

annulata. Add Utrio 1976:129,131,135 (L*).

ssp. *subochrea*. Add Finland. Utrio 1976:135 (distr.).

bergrothi. Add Finland, Mongolia. Gutsevich, Monchadsky and Stackelberg 1974:155 (♂*,♀,L*). Minar 1976:335 (distr.). Utrio 1976:129,135 (L*; distr.).

281. *kanayamensis*. From sp. status p. 281. Add Danilov 1976b:185 (syn.).

glaphyroptera. Add Gutsevich, Monchadsky and Stackelberg 1974:146 (♂*,♀,L*).

incidens. Add Mexico. Heinemann and Belkin 1977c:529 (distr.).

kanayamensis. To syn. with *bergrothi*.

+ *megaloba* Luh, Chao and Heu. China. 1974:458 (♂*,?♀,L*). Type-loc: Yinchwan, Ningsia Hui Autonomous Region, China (ND).

niveitaeniata. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).

282. *particeps*. Add Alaska. Bickley 1976:234 (Alaska).

Culiseta (*Theomyia*)

fraseri. Add Gabon. Service 1976:262 (distr.).

Ficalbia

283. *Ingramia*. To p. 285 as valid subgenus.

Important references: Add Da Cunha Ramos and Ribeiro 1975:116 (keys, Angola).

ludlowae. # Delete L*? from Mattingly 1957a:29.

malfeyti. Add Angola, Gabon. Da Cunha Ramos and Ribeiro 1975:117 (L*; distr.). Service 1976:261 (distr.).

Cat. p.

Mimomyia (*Etorleptomyia*)

284. *elegans*. # Change Saugstad to Tanaka, Saugstad and Mizusawa.
285. *Mimomyia* (*Ingramia*). From p. 283. Add White 1974:240 (elev. to valid subgenus. Diatype: *Dasymyia fusca* Leicester).

Dasymyia. From p. 287. Add White 1974:240 (syn.).

Ravenalites. From p. 287. Add White 1974:240 (syn.; all 10 species listed under this name on pp. 287 and 288 transferred to subg. *Ingramia*.).

Mimomyia (*Mimomyia*)

- chamberlaini*. Add Sumatra. Ameen and Talukdar 1974b:206 (P*). Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:233 (distr.).
287. *plumosa*. Add Angola, Gabon. Da Cunha Ramos and Ribeiro 1975:120 (distr.). Service 1976 : 260 (distr.).
- splendens*. Add Angola. Da Cunha Ramos and Ribeiro 1975:121 (L*; distr.).

Mimomyia (*Ravenalites*)

Dasymyia. To p. 285 as syn. of *Mimomyia (Ingramia)*.

Ravenalites. To p. 285 as syn. of *Mimomyia (Ingramia)*; all 10 species listed under this name on pp. 287 and 288 transferred to subg. *Ingramia*.

Hodgesia

288. Add Important reference: Mattingly and McCrae 1977:33 (E*, sp. undetermined).
- cyptopus*. Add Gabon. Service 1976 : 260 (distr.).
- malayi*. Add Indonesia (Sumatra). Lien, Kosman, Partono, Joesoef, Kosin and Cross 1975:234 (distr.).

Coquillettidia (*Coquillettidia*)

289. Important references: Add Marks 1974:212 (species groups).
- annettii*. Add Mozambique. Worth and De Meillon 1960:236 (distr.).
- aurea*. Add Mozambique, Angola. Worth and De Meillon 1960:236 (distr.). Da Cunha Ramos and Ribeiro 1975:122 (distr.).
290. *aurifites*. Add Mozambique, Angola. Worth and De Meillon 1960:236 (distr.). Da Cunha Ramos and Ribeiro 1975:122 (distr.).
- buxtoni*. Add Gutsevich, Monchadsky and Stackelberg 1974:173 (♂,♀,L*).

Cat. p.

290. *crystata*. Add Mozambique, Gabon. Worth and De Meillon 1960:236 (distr.). Service 1976 : 260 (distr.).
- flavocincta*. Add Angola. Da Cunha Ramos and Ribeiro 1975:123 (distr.).
- fraseri*. Add Angola. Da Cunha Ramos and Ribeiro 1975:124 (distr.).
291. *maculipennis*. Add Mozambique. Worth and De Meillon 1960:236 (distr.).
292. *ochracea*. Add Korea. Lee, Hong, Shin and Youn 1971:23 (distr.). Chow 1973:43 (distr.).
293. *richiardi*. Add Gutsevich, Monchadsky and Stackelberg 1974:169 (♂*, ♀, L*). Guille 1976:229 (morph.). Utrio 1976:130 (L*).
- samoensis*. Add Western Samoa. Ramalingam 1976:309 (distr.).
- wahlbergi*. Add Mozambique. Worth and De Meillon 1960:236 (distr.).

Coquillettidia (Rhynchoaenia)

294. *albicosta*. Add Surinam. Panday 1975:142 (distr.).
- arribalzagae*. Add Nicaragua. Heinemann and Belkin 1977b:452 (distr.).
- nigricans*. Add Costa Rica, Nicaragua. Heinemann and Belkin 1977a:282 (distr.). Heinemann and Belkin 1977b:452 (distr.).

Mansonia (*Mansonia*)

295. *dyari*. Add Belize, El Salvador, Honduras. Heinemann and Belkin 1977b:415,433,443 (distr.).
296. *leberi*. Add Costa Rica. Heinemann and Belkin 1977a:285 (distr.).
- + *suarezi* Cova Garcia and Sutil Oramas. Venezuela. 1976c:360 (♂*). Type-loc: La Juanita, Municipality of Miranda, State of Carabobo, Venezuela (ND).
- titillans*. Add Mexico. Heinemann and Belkin 1977c:529 (distr.).
- wilsoni*. # Correct Columbia to Colombia.

Mansonia (*Mansonioides*)

297. *indiana*. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).
- uniformis*. Add Korea. Lee, Hong, Shin and Youn 1971:23 (distr.).

Orthopodomyia

300. *pulchripalpis*. Add Gutsevich, Monchadsky and Stackelberg 1974:134 (♂*, ♀, L*).
301. *mcgregori*. # In third line correct erroneous spelling of Knight.

Cat. p.

Limatus

302. *durhamii*. Add Dominica, Guadeloupe, Grenada, Belize. Stone 1969:4 (distr.). Belkin and Heinemann 1976b:188 (distr.). Belkin and Heinemann 1976c:272 (distr.). Heinemann and Belkin 1977b:415 (distr.).
- flavisetosus*. Add Surinam. Panday 1975:143 (distr.).
- pseudomethysticus*. Add French Guiana. Fauran and Pajot 1974a:100 (distr.).

Malaya

303. *genurostris*. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).
- taeniarostris*. Add Gabon. Service 1976:260 (distr.).
- trichorostris*. Add Angola. Da Cunha Ramos and Ribeiro 1975:114 (L; distr.).

Maorigoeldia

argyropus. # Change L* to L.

Sabethes (Sabethes)

307. *cyaneus*. Add Mexico. Heinemann and Belkin 1977c:530 (distr.).
- tarsopus*. Add Belize. Heinemann and Belkin 1977b:415 (distr.).

Sabethes (Sabethinus)

- identicus*. Add Costa Rica. Heinemann and Belkin 1977a:285 (distr.).
- undosus*. Add Costa Rica, Honduras. Heinemann and Belkin 1977a:285 (distr.). Heinemann and Belkin 1977b:443 (distr.).
309. Insert above Nomen Dubium Subgenus Uncertain and include the following new species.
- + *fernandezyepezi* Cova Garcia, Sutil Oramas and Pulido F. Venezuela. 1974b:23 (♂*,♀,P*,L*). Type-loc: La Raya, Municipio Altamira, Estado Barinas, Venezuela (DERM).

Topomyia (Suaymyia)

310. + *yanbarensis* Miyagi. Japan (Ryukyu Is.). 1976:202 (♂*,♀,P*,L*). Type-loc: Yona, Kunigami northern Okinawa-honto, Ryukyu Is., Japan (EIHU).

Topomyia (Topomyia)

311. *aureoventer*. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).
312. + *vijayae* Ramalingam. Malaysia (Peninsular). 1975:185 (♂*,♀,P*,L*). Type-loc: Ulu Langat Forest Reserve, Selangor, Peninsular Malaysia (USNM).

Cat. p.

Trichoprosopon (Ctenogoeldia)

312. magnum. Add Belize. Heinemann and Belkin 1977b:415 (distr.).

Trichoprosopon (Isostomyia)

- espini. Add Costa Rica. Mattingly 1974:234 (E*). Heinemann and Belkin 1977a:285 (distr.).

Trichoprosopon (Runchomyia)

314. longipes. Add Costa Rica.

ulopus. Add Heinemann and Belkin 1977a:285 (distr.).

Trichoprosopon (Trichoprosopon)

315. compressum. Add Surinam. Panday 1975:142 (distr.).

digitatum. Add Mattingly 1974:233 (E*).

317. aranoides.

inornata. # Change Theobald 1910d to Theobald 1910a.

Tripteroides (Rachisoura)

319. bisquamatus. # Add E to Van den Assem 1959 reference.

flabelliger. # Add ♀ to Van den Assem 1959 reference.

kingi. # Add ♀ to Van den Assem 1959 reference.

320. vanleeuweni. # Change Van den Assem 1959:45 to 1959:43.

Tripteroides (Tripteroides)

321. bambusa. Add Korea. Chow 1973:43 (distr.). Mattingly 1974:231 (E*).

322. dofleini. # Add ,259 to original reference pagination.

Wyeomyia (Cruzmyia)

326. + forattinii Clastrier. French Guiana.
1974:155 (♂*,♀,P*,L*). Type-loc: Matoury, French Guiana (A).

Wyeomyia (Davismyia)

- + ininicola Fauran and Pajot. French Guiana.
1974b:145 (♂*). Type-loc: Inini River, at l'Itany (Maroni) about
6 km to s.e. of Maripasoula (3°38' N, 54°02' W), French Guiana (PIG).

Wyeomyia (Dendromyia)

327. apononoma. Add Grenada, Saint Vincent, Guatemala, Honduras. Belkin and Heinemann 1976c:272,296 (distr.). Heinemann and Belkin 1977b: 429,443 (distr.).

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328. *bourrouli*. Add French Guiana. Clastrier 1974:153 (♂*; distr.).
chalcocephala. Add Honduras. Heinemann and Belkin 1977b:443 (distr.).
complosa. Add Costa Rica. Heinemann and Belkin 1977a:286 (distr.).
331. *rooti*. # Correct Goiás to Cuiaba, Mato Grosso, Brazil. Correct tax.
to type-loc. info.
subcomplosa. # Correct Goiás, Brazil to Cuiaba, Mato Grosso; Rio
 Canaticu, Curralinho, Para; Salvador, Bahia; Sergipe; Belem,
 Para; Brazil. Correct tax. to type-loc. info.
332. *ulocoma*. Add Surinam. Panday 1975:142 (distr.).

Wyeomyia (*Wyeomyia*)

333. *abebela*. Add Guatemala. Heinemann and Belkin 1977b:429 (distr.).
arthrostigma. Add Guatemala, El Salvador, Honduras. Heinemann and
 and Belkin 1977b:429,433,443 (distr.).
334. *caracula*. Delete Jamaica. Belkin, Heinemann and Page 1970:191 (distr.).
335. *haynei*. Add Darsie and Williams 1976:441 (L).
336. *melanopus*. Add Guatemala, Honduras. Heinemann and Belkin 1977b:429,
 443 (distr.).
337. + *pseudorobusta* Pajot and Fauran. French Guiana.
 1975:125 (♂*,P*). Type-loc: Experiment Station of l'Inini,
 Pasteur Institute, Cayenne, French Guiana (PIG).
338. *sororocula*. # Correct San Francisco Mts. to San Francisco mines. Add
 Belkin and Heinemann 1973:218 (type-loc. info.).

Wyeomyia Subgenus Uncertain

- + *covagarciai* Sutil Oramas and Pulido F. Venezuela.
 1974:24 (♂*,P*). Type-loc: La Chimenea, Municipio Altamira,
 Estado Barinas, Venezuela (DERM).
- + *lopezii* Cova Garcia, Sutil Oramas and Pulido F. Venezuela.
 1974a:21 (♂*,P*,L*). Type-loc: La Soledad, Municipio Alta-
 mira, Estado Barinas, Venezuela (DERM).

Uranotaenia (*Pseudoficalbia*)

339. Add Important reference: Peyton 1977:1 (rev., s.e. Asia).
- + *abdita* Peyton. Thailand, Cambodia.
 1977:125 (♂*,♀,P*,L*). Type-loc: Ban Rong Na, Lampang, Thai-
 land (USNM).
- + *abstrusa* Peyton. Philippines.
 1977:35 (♂*,♀,P*,L*). Type-loc: San Jose, Mindoro, Philip-
 pines (USNM).

Cat. p.

339. + **albipes** Peyton. Thailand.
1977:74 (♀). Type-loc: Khao Yai National Park, Nakhorn
Nayok, Thailand (USNM).
- + **approximata** Peyton. Thailand.
1977:38 (♂*,♀,P*,L*). Type-loc: Ban Sop O Nok, Chiang Dao,
Chiang Mai, Thailand (USNM).
- ascidiicola**. Add Peyton 1977:66 (♂*,♀,P*,L*).
- bicolor**. Replace distr. with Malaysia (Peninsular, Sabah), Cambodia,
India (Andaman Is., Mysore), Indonesia (Java, Alor), Philip-
pines, Sri Lanka, Thailand, China (Hainan). Add Peyton 1977:
41 (♂*,♀*,P*,L*; distr.).
- kalabahensis*. From p. 341. Add Peyton 1977:41 (syn.).
- laguensis*. From p. 341. Add Peyton 1977:41 (syn.).
340. **bimaculata**. Replace distr. with Malaysia (Peninsular), Thailand.
Add Peyton 1977:69 (♂*,♀*,P*,L*; distr.).
- + **confusa** Peyton Philippines, Indonesia (Sulawesi).
1977 129 (♂*,♀,L*). Type-loc: San Jose, Mindoro, Mindoro I.
(USNM).
- demeilloni**. Delete West Malaysia and add Malaysia (Peninsular, Sabah),
Philippines. Add Peyton 1977:47 (♂*,♀,P*,L*; distr.).
- + **enigmatica** Peyton. Thailand.
1977:133 (♂*,♀,P*,L*). Type-loc: Ban Wang Mo, Nan, Thailand
(USNM).
- fusca**. Add Mozambique, Angola. Worth and De Meillon 1960:235 (distr.).
Da Cunha Ramos and Ribeiro 1975:130 (♂*; distr.).
- gigantea**. Substitute following for type-loc info.: Hoeta Gindjang, Mt.
Toba Lake, N. Sumatra. Add Peyton 1977:72 (♂*,♀,L*; type-
loc. info.).
341. **gouldi**. Add Peyton 1977:50 (♂*,♀,P*,L*).
- + **harrisoni** Peyton. Philippines, Malaysia (Sabah).
1977:29 (♂*,♀,P*,L*). Type-loc: San Antonio, Victoria Dis-
trict, Oriental, Mindoro I., Philippines (USNM).
- henrardi**. Delete Ivory Coast. Add Tanzania. White 1975:325 (distr.).
- hirsutifemora**. Replace distr. with Papua New Guinea, Indonesia (Su-
matra), Singapore, Malaysia (Sabah), Australia (Queensland),
Cambodia. Add Peyton 1977:136 (♂*,♀,P*; distr.).
- hongayi**. Replace Indochina with Vietnam. Add Peyton 1977:139 (♀;
distr.).
- jacksoni**. Add Peyton 1977:141 (♂*,♀,P*,L*).
- kalabahensis**. To p. 339 as syn. of *bicolor*.

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341. *koli*. Add Vietnam. Peyton 1977:145 (♂*,♀*,P*,L*; distr.).
lagunensis. To p. 339 as syn. of *bicolor*.
lui. Add Peyton 1977:76 (♂*,♀*,P*,L*).*
luteola. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.).
lutescens. Replace distr. with Malaysia (Peninsular, Sabah, Sarawak), Cambodia, Thailand. Add Peyton 1977:53 (♂*,♀*,P*,L*; distr.).
342. *maculipleura*. Delete India, Formosa. Add Nepal. Joshi, Pradhan and Darsie 1965:139 (distr.). Peyton 1977:79 (♂*,♀*,P*,L*; distr.).
mashonaensis. Add Mozambique, Angola, Gabon. Worth and De Meillon 1960:235 (distr.). Da Cunha Ramos and Ribeiro 1975:131 (distr.). Service 1976:260 (distr.).
maxima. Add Peyton 1977:178 (♂*,♀*,P*,L*; lectotype desig.).
modesta. Replace distr. with Malaysia (Peninsular, Sabah), Philippines, Thailand. Add Peyton 1977:83 (♂*,♀*,P*,L*; distr.).
- + *moufiedi* Peyton. Malaysia (Sabah).
 1977:86 (♂*,♀*). Type-loc: Mt. Kinabalu, Sabah, Malaysia (USNM).
- moultoni*. Replace distr. with Malaysia (Peninsular, Sabah, Sarawak), Singapore, Indonesia (Tarakan, Kalimantan, Sumatra). Add Peyton 1977:88 (♂*,♀*,P*,L*; distr.).
- nigromaculata*. Add Mozambique, Gabon. Worth and De Meillon 1960:235 (distr.). Service 1976:260 (distr.).
343. *nivipleura*. Replace distr. with Malaysia (Peninsular, Sabah), Cambodia, Hong Kong, India, Indonesia (Java), Japan (Ryukyu Is.), Laos, Sri Lanka, Thailand, Vietnam, Singapore, Taiwan. Add Peyton 1977:92 (♂*,♀*,P*,L*; distr.).
- nivipous*. Add Mozambique. Worth and De Meillon 1960:235 (distr.).
- + *nocticola* Peyton. Thailand.
 1977:149 (♂*,♀*,P*,L*). Type-loc: Chiang Dao, Chiang Mai, Thailand (USNM).
- novobscura*. Add Cambodia, China, Hong Kong, Japan, Laos, Malaysia (Peninsular), Taiwan, Thailand. Add Peyton 1977:96 (♂*,♀*,P*,L*,E; distr.).
- obscura*. Replace distr. with Malaysia (Sabah, Sarawak, Peninsular), Cambodia, India (N. Bengal), Indonesia, New Guinea, Philippines, Singapore, Sri Lanka, Thailand. Add Peyton 1977:57 (♂*,♀*,P*,L*; distr.).

Cat. p.

343. + ohamai Tanaka, Mizusawa and Saugstad. Ryukyu Is.
1975a:27 (♂*,♀,L*). Type-loc: Yashigawa, Iriomote I., Ryukyu Is. (USNM). Peyton 1977:152 (♂*,♀,P*,L*).
- ornata. Add Angola, Gabon. Da Cunha Ramos and Ribeiro 1975:132 (distr.). Service 1976:261 (distr.).
- ssp. musarum. Add White 1975:325 (elevated to ssp.).
- + patriciae Peyton. Malaysia (Peninsula), Singapore, Thailand.
1977:103 (♂*,♀*,P*,L*). Type-loc: The Gap, Selangor, Malaysia (USNM).
- + propinqua Peyton. Malaysia (Peninsular, Sabah).
1977:106 (♂*,♀*,P*,L*). Type-loc: Ulu Bakau, Selangor, Malaysia (USNM).
- pseudomaculipleura. Add ?Malaysia (Sabah). Peyton 1977:109 (♂*,♀*,P*,L*; distr.).
- pylei. Add Peyton 1977:155 (♂*,♀*,P*,L*).
344. + quasimodesta Peyton. Malaysia (Sabah).
1977:112 (♂*,♀,P*,L*). Type-loc: Mt. Kinabalu, Sabah, Malaysia (USNM).
- quinquemaculata. Add Malaysia (Sabah, ?Peninsular). Peyton 1977:115 (♀*; distr.).
- + reinerti Peyton. Malaysia (Sabah).
1977:116 (♂*,♀*). Type-loc: Mt. Kinabalu, Sabah, Malaysia (USNM).
- rossi. Add Malaysia (Sabah). Peyton 1977:159 (♂*,♀*,P*,L*; distr.).
- shillitonis. Add Mozambique. Worth and De Meillon 1960:235 (distr.).
- spiculosa. Delete South Vietnam. Add Cambodia, Vietnam. Peyton 1977:162 (♂*,♀*,P*,L*; distr.).
- + srilankensis Peyton. Sri Lanka.
1974:222 (♂*,♀). Type-loc: Wilpatti, Hunuwilagama, Anuradhapura dist., North Central Province, Sri Lanka (USNM).
- stricklandi. Add Thailand. Peyton 1977:166 (♂*,♀,P*,L*; distr.).
- sumethi. Add Peyton 1977:170 (♂*,♀,P*,L*).
- unguiculata. Add Czechoslovakia. Gutsevich, Monchadsky and Stackelberg 1974:130 (♂*,♀,L*). Ryba, Hajkova and Kaftan 1974:142 (distr.).

Cat. p.

344. *xanthomelaena*. Replace distr. with Malaysia (Peninsular, Sabah), Singapore. Add Peyton 1977:118 (♂*,♀,P*,L*; distr.).
- + *yaeyamana* Tanaka, Mizusawa and Saugstad. Ryukyu Is. 1975a:31 (♂*,♀,L*). Type-loc: Funaura, Iriomote I., Ryukyu Is. (USNM). Peyton 1977:174 (♂*,♀*,P*,L*).
- Uranotaenia* (*Uranotaenia*)
345. *alba*. Add Angola. Da Cunha Ramos and Ribeiro 1975:128 (L*; distr.).
- alboabdominalis*. Add Mozambique. Worth and De Meillon 1960:234 (distr.).
- annandalei*. # Delete Edwards 1932b:559.
- + *anopheloides* Brunhes and Razafindrasolo. Madagascar. 1975:223 (♂*,♀,P*,L*). Type-loc: Maevetanana, Majunga Province, Madagascar (IERT).
346. *balfourii*. Add Gabon. Service 1976:260 (distr.).
- barnesi*. Add Santa Cruz. Is. Maffi and Taylor 1974:207 (distr.).
- bilineata*. Add Mozambique, Angola. Worth and De Meillon 1960:234 (distr.). Da Cunha Ramos and Ribeiro 1975:129 (tax.; distr.).
347. *campestris*. Add Sulawesi. Lien, Kawengian, Partono, Lami and Cross 1977:720 (distr.).
- chorleyi*. Add Angola. Da Cunha Ramos and Ribeiro 1975:130 (L; distr.).
- var. *hamoni*. To p. 348 as valid sp.
348. *edwardsi*. Add Nepal. Joshi, Pradhan and Darsie 1977:139 (distr.).
- geometrica*. Add Nicaragua. Heinemann and Belkin 1977b:453 (distr.).
- hamoni*. From p. 347. White 1975:326 (to sp.).
- hystera*. Add Costa Rica. Heinemann and Belkin 1977a:285 (distr.).
350. *mathesoni*. Add French Guiana. Fauren and Pajot 1974a:100 (distr.).
- mayeri*. Add Mozambique. Worth and De Meillon 1960:234 (distr.).
- nataliae*. Add Nicaragua. Heinemann and Belkin 1977b:453 (distr.).
351. *pallidocephala*. Add Gabon. Service 1976:260 (distr.).
352. *philonuxia*. Add Mozambique. Worth and De Meillon 1960:234 (distr.).
- rampae*. # Change Chhang to Chhnang.

Cat. p.

353. **socialis**. # Add Cuba. Add Belize. Heinemann and Belkin 1977b:415 (distr.).
- testacea**. Add Hong Kong. Edwards 1932b:551 (L*; as ?*testacea*).
- trapidoi**. Add Costa Rica. Heinemann and Belkin 1977a:285 (distr.).
354. **typhlosomata**. Add Costa Rica. Heinemann and Belkin 1977a:285 (distr.).

TOXORHYNCHITINAE

355. Important references: Add Steffan 1975:59 (tax.). Steffan 1977:58 (type info.).

Toxorhynchites (Lynchiella)

356. + **gerbergi** Belkin. Lesser Antilles. 1977b:329 (♂*,♀,P*,L*). Type-loc: Industry Village, Union, St. Mark, Grenada, Southern Lesser Antilles (USNM).
357. **rutilus**. Add Trimble and Smith 1975:115 (biblio.).
- ssp. septentrionalis*. Delete New Jersey. Add Conn., Canada. Main, Sprance and Wallis 1976:197 (distr.). Parker 1977:93 (distr.).

Toxorhynchites (Toxorhynchites)

358. **amboinensis**. Add Ramalingam and Belkin 1976:194 (distr.).
359. **brevipalpis**. Add Mozambique, Angola. Worth and De Meillon 1960:234 (distr.). Da Cunha Ramos and Ribeiro 1975:114 (distr.). White 1977c:228 (request to ICZN for conservation of name under plenary powers).
- christophi**. Add Korea. Chow 1973:43 (distr.). Gutsevich, Monchadsky and Stackelberg 1974:120 (♀*,L*). Shamray and Gutsevich 1974:427 (♂*).
362. **splendens**. Add Ameen and Talukdar 1974a:201 (P*). Bhat 1976:266 (chromosomes*).
- yaeyamae**. Add Ryukyu Is. Tanaka, Saugstad and Mizusawa 1975:225 (?syn. of *yamadai*; distr.).

Cat. p. Fossil Species

363. Toewi. Add White 1977c:228 (request to ICZN for suppressing of name under plenary powers).

NOMINA NUDA

366. conchobius Munstermann, *Aedes (Stegomyia)* 1977:47.
keybergi. Add White 1975:313 (tax.).
millecampsi. # Delete entire entry.
367. yunguensis. # Correct to yunquensis.

TYPE DEPOSITORIES

Alphabetical Arrangement

369. Add EIHU. Entomological Institute, Hokkaido University, Hokkaido, Japan.
Add IHMT. Department of Entomology, Instituto de Higiene e Medicina Tropical, Lisbon, Portugal.
370. Add ND. None designated.
371. ZM. # Correct West Germany to East Germany.

Arrangement by Country

372. Japan. Add EIHU.
Portugal. Add IHMT.

LITERATURE CITED

387. Bourroul, Celestino. # Change deo to do.
402. Cruz, O. G. 1907a. # Correct brasileiro to brasileiro.
403. Da Costa Lima, A. 1937. # Correct Braz. to Bras.
Da Fonseca, F. and A. Da Silva Ramos. 1939. # Correct 838 to 383.
407. De Oliveira Coutinho, J. and G. S. Farias. 1942. # Correct Ann. to Anais.
De Souza, M. A. and S. H. Xavier. 1964. # Insert da after Descricao.
408. Add Diaz Najera A. and L. Vargas. 1973. Mosquitos mexicanos. Distribucion geografica actualizada. Rev. Invest. Salud. Pub. (Mexico) 33: 111-125. [Some distrs. vary widely from those given in recent taxonomic works and are not included in this supplement.]

Cat. p.

427. Galvao, A. B. 1952. # Correct 29 to 69.
428. Galvao, A. L. A. and J. Lane. 1937a. # Change date to 1936(1937a).
Galvao, A. L. A. and J. Lane. 1937b. # Correct Ann. to Anais.
433. Grunberg, Karl. # Correct to Gruenberg, Karl.
Gunther, K. # Correct to Guenther, K. Add to end of reference pp. ,259-270.
434. Gutsevich, A. V., A. S. Monchadsky and A. A. Stackelberg. 1970. # Correct volume from VII to III.
437. Harrison, B. A., J. E. Scanlon and J. A. Reid. 1973. # Correct synonymy to synonym.
438. Hedeon, R. A. 1959. # Change Mosquito News 9 to Mosquito News 19.
450. Lane 1972. # Change to Lane, C. John. 1972.
452. Add Leicester, G. F., p. 13-15, *in* F. V. Theobald 1904c.
489. Saugstad, E. S. 1973. # Delete entry and enter on p. 502 as Tanaka, Saugstad and Mizusawa 1973.
502. Add Tanaka, K., E. S. Saugstad and K. Mizusawa. 1973. Two mosquito species new to the Ryukyu Islands. Jap. J. sanit. Zool. 23: 284.

GAZETTEER

531. Add Duff Islands.
SW Pacific Ocean, in N part of Santa Cruz Islands. (Maffi and Taylor 1974:198).
533. French Guiana.
Correct Brazi to Brazil.
547. Add Pemba.
Island N of Zanzibar in Indian Ocean.
548. Add Reef Islands.
SW Pacific Ocean, in N part of Santa Cruz Islands. (Maffi and Taylor 1974:200,206).

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566. bedfordi Edwards. # Change 7 to 74.
569. chagasi Galvao, *Anopheles*. # Correct to chagasi Galvao, Anopheles.
577. *formosaensis* II Tsuzuki. # Correct page to 42.
583. Add jezoensis Tsuzuki [= *jesoensis*] 30.
590. *millecampsi* Lips, *nom. nud.* # Delete entry.
594. *ocellatus* Theobald, *Culex*. # Change ocellatus to roman type face.
602. *smaoaensis*. # Correct to samoaensis.
603. *shonnoni* Cerqueira. # Correct to shannoni.
604. *splendens* (Wiedemann). # Correct page to 362.
611. Add yezoensis Tsuzuki [= *jesoensis*] 30.
- zammittii* (Theobald. # Change zammittii to roman type face.

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- _____. 1974b. Pupa of *Ficalbia (Mimomyia) chamberlaini* (Ludlow) (Diptera: Culicidae). *Mosq. Syst.* 6(3):206-210, illus.
- _____. 1974c. Pupal chaetotaxy of the common mosquitoes of Dacca. *Beitraege zur Ent.* 24(1/4):87-95, illus.
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