

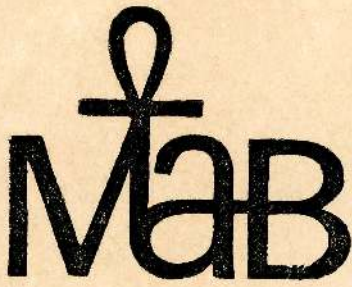
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AN ANNOTATED CHECKLIST OF MOSQUITOES OF SRI LANKA.

by Nalini Jayasekera and Robert V. Chelliah

Department of Entomology, Medical Research Institute,
Colombo 8.

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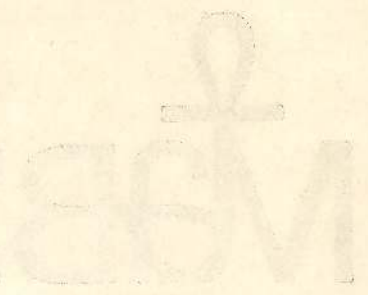
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AN ANNOTATED CHECKLIST OF MUSEUMS OF THE UNITED STATES
by Robert W. G. Brown and Robert W. G. Brown
Department of Zoology, Medical Research Institute,
Chicago, Illinois

Published by the National Science Council of the United States
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Publication No: 8

An Annotated Checklist of Mosquitoes of Sri Lanka

(*Diptera: Culicidae*)

by

NALINI JAYASEKERA

and

ROBERT V. CHELLIAH

(*Department of Entomology, Medical Research Institute, Colombo 8*)

INTRODUCTION

Carter (1950) published a list of mosquito species for Sri Lanka, which proved useful to the workers of the past. He was guided mainly by Barraud (1934) who has made important contributions in relation to mosquito fauna of Sri Lanka. Subsequent additions to and changes in this list have been made by Chow et al (1954). During the last two decades, many changes and additions have been made in the local mosquito fauna. However, as various independent organisations were involved in these studies, the literature relating to the present mosquito fauna of Sri Lanka remains much scattered, with no separate list of the species recorded for the island. Therefore, it is intended to compile an up to date checklist of mosquitoes of Sri Lanka with notes of interest on some species with the belief that this may be of practical value to the future workers.

Systematic arrangement follows Stone et al (1959). Abbreviations for genera and subgenera follow Reinert (1975).

LIST OF GENERA

1. Anopheles
2. Toxorhynchites
3. Tripteroides
4. Malaya
5. Ficalbia
6. Mimomyia
7. Coquillettidia
8. Mansonia
9. Uranotaenia
10. Hodgesia
11. Orthopodomyia
12. Aedeomyia
13. Heizmannia
14. Aedes
15. Armigeres
16. Culex

SYSTEMATIC ARRANGEMENT

(Genera & Subgenera of mosquitoes recorded from Sri Lanka)

Subfamily Anophelinae

1. Genus *Anopheles* (Subgenera — *Anopheles*, *Celia*)

Subfamily Toxorhynchitinae

2. Genus *Toxorhynchites* (Subgenus — *Toxorhynchites*)

Subfamily Culicinae

Tribe Sabethini

3. Genus *Tripteroides* (Subgenera — *Tripteroides*, *Rachionotomyia*)

4. Genus *Malaya*

* Genus *Topomyia*

Tribe Culicini

5. Genus *Ficalbia*
6. Genus *Mimomyia* (Subgenera — *Mimomyia*, *Etorleptomyia*)
7. Genus *Coquillettidia* (subgenus — *Coquillettidia*)
8. Genus *Mansonia* (Subgenus — *Mansonioides*)
9. Genus *Uranotaenia* (Subgenera — *Uranotaenia*, *Pseudoficalbia*)
10. Genus *Hodgesia*
11. Genus *Orthopodomyia*
12. Genus *Aedeomyia* (Subgenus — *Aedeomyia*)
13. Genus *Heizmannia* (Subgenus — *Heizmannia*)
14. Genus *Aedes* (Subgenera — *Mucidus*, *Finlaya*, *Christophersomyia*, *Rhinoskusea*, *Stegomyia*, *Aedimorphus*, *Paraedes*, *Ncomelaniconion*, *Diceromyia*, *Verrallina*, *Cancaedes*)
15. Genus *Armigeres* (Subgenera — *Armigeres*, *Leicesteria*)
16. Genus *Culex* (Subgenera — *Lutzia*, *Eumelanomyia*, *Lophoceraomyia*, *Culiciomyia*, *Culex*).

*Refer Notes

VALID RECORDS

	Reference	Page
1. Genus <i>Anopheles</i> Meigen.		
1. <i>Anopheles (Anopheles) aitkenii</i> James. 1903.	.. 28	: 13
2. <i>An (Ano) barbirostris</i> Van der Wulp. 1884.	.. 5	: 115
3. <i>An (Ano) barbumbrosus</i> Strickland and Choudhury. 1927.	.. 7	: 143
4. <i>An (Ano) gigas refutans</i> Alcock. 1913.	.. 5	: 115
5. <i>An (Ano) insulaeflorum</i> (Swellengrebel & Swellengrebel de Graff). 1919.	.. 5	: 116
6. <i>An (Ano) interruptus</i> Puri. 1929.	.. 28	: 20
7. <i>An (Ano) nigerrimus</i> Giles. 1900.	.. 28	: 24
8. <i>An (Ano) peditaeniatus</i> (Leicester) 1908.	.. 28	: 25
9. <i>An (Ano) reidi</i> n. sp.	.. 6	: 365
10. <i>An (Cellia) aconitus</i> Donitz. 1902.	.. 5	: 115
11. <i>An (Cel) annularis</i> Van der Wulp. 1884.	.. 5	: 115
12. <i>An (Cel) culicifacies</i> Giles. 1901.	.. 5	: 115
13. <i>An (Cel) elegans</i> (James). 1903.	.. 28	: 42
14. <i>An (Cel) jamesii</i> Theobald. 1901.	.. 5	: 116
15. <i>An (Cel) karwari</i> (James). 1903.	.. 5	: 116
16. <i>An (Cel) maculatus maculatus</i> Theobald. 1901.	.. 5	: 116
17. <i>An (Cel) pallidus</i> Theobald. 1901.	.. 5	: 115
18. <i>An (Cel) ramsayi</i> Covell. 1927.	.. 5	: 116
19. <i>An (Cel) subpictus</i> Grassi. 1899.	.. 28	: 55
20. <i>An (Cel) tessellatus</i> Theobald. 1901.	.. 5	: 116
21. <i>An (Cel) vagus vagus</i> Donitz. 1902.	.. 5	: 116
22. <i>An (Cel) varuna</i> Iyengar. 1924.	.. 5	: 116
2. Genus <i>Toxorhynchites</i> Theobald.		
23. <i>Toxorhynchites (Toxorhynchites) minimus</i> (Theobald) 1905.	.. 5	: 116
24. <i>Tx (Tox) splendens</i> (Wiedemann) 1819.	.. 5	: 116
3. Genus <i>Tripteroides</i> Giles.		
25. <i>Tripteroides (Tripteroides) affinis</i> (Edwards). 1913.	.. 1	: 44
26. <i>Tp (Trp) dofleini</i> (Gunther) 1913.	.. 5	: 116
27. <i>Tp (Rachionotomyia) aranoides</i> (Theobald) 1901.	.. 30	: 121
4. Genus <i>Malaya</i> Leicester		
28. <i>Malaya genurostris</i> Leicester. 1908.	.. 28	: 94
5. Genus <i>Ficalbia</i> Theobald.		
29. <i>Ficalbia minima</i> (Theobald) 1901.	.. 5	: 116

6. Genus <i>Mimomyia</i> Theobald.		
30.	<i>Mimomyia</i> (<i>Mimomyia</i>) <i>Chamberlaini</i> (Ludlow) 1904.	.. 11 : 1
31.	<i>Mi</i> (<i>Mim</i>) <i>hybrida</i> (Leicester) 1908.	.. 11 : 1
32.	<i>Mi</i> (<i>Mim</i>) <i>intermedia</i> (Barraud.) 1929.	.. 11 : 1
33.	<i>Mi</i> (<i>Etorleptomyia</i>) <i>luzonensis</i> (Ludlow) 1905.	.. 11 : 1
7. Genus <i>Coquillettidia</i> Dyar.		
34.	<i>Coquillettidia</i> (<i>Coquillettidia</i>) <i>crassipes</i> (Van der Wulp) 1881.	.. 31 : 203
8. Genus <i>Mansonia</i> Blanchard.		
35.	<i>Mansonia</i> (<i>Mansonioides</i>) <i>annulifera</i> (Theobald) 1901.	.. 28 : 105
36.	<i>Ma</i> (<i>Mnd</i>) <i>indiana</i> Edwards. 1930.	.. 28 : 105
37.	<i>Ma</i> (<i>Mnd</i>) <i>uniformis</i> (Theobald). 1901	.. 28 : 105
9. Genus <i>Uranotaenia</i> Lynch Arribalzaga.		
38.	<i>Uranotaenia</i> (<i>Uranotaenia</i>) <i>campestris</i> Leicester 1908	.. 1 : 68
39.	<i>Ur</i> (<i>Ura</i>) <i>lateralis</i> Ludlow 1905	.. 28 : 114
40.	<i>Ur</i> (<i>Ura</i>) <i>rutherfordi</i> Edwards. 1922.	.. 5 : 116
41.	<i>Ur</i> (<i>Pseudoficalbia</i>) <i>bicolor</i> Leicester. 1908.	.. 15 : 41
42.	<i>Ur</i> . (<i>Pfc</i>) <i>nivipleura</i> Leicester 1908.	.. 15 : 92
43.	<i>Ur</i> (<i>Pfc</i>) <i>obscura</i> Edwards. 1915.	.. 15 : 57
44.	<i>Ur</i> (<i>Pfc</i>) <i>srilankensis</i> Peyton 1974.	.. 16 : 215
10. Genus <i>Hodgesia</i> Theobald.		
45.	<i>Hodgesia</i> <i>bailyi</i> Barraud. 1929.	.. 5 : 116
46.	<i>Ho</i> <i>malayi</i> Leicester. 1908.	.. 1 : 54
11. Genus <i>Orthopodomyia</i> Theobald.		
47.	<i>Orthopodomyia</i> <i>anopheloides</i> (Giles) 1903.	.. 5 : 116
48.	<i>Or</i> <i>flavithorax</i> Barraud 1927.	.. 5 : 116
12. Genus <i>Aedeomyia</i> Theobald.		
49.	<i>Aedeomyia</i> (<i>Aedeomyia</i>) <i>catasticta</i> Knab 1909.	.. 32 : 8
13. Genus <i>Heizmannia</i> Ludlow.		
50.	<i>Heizmannia</i> (<i>Heizmannia</i>) <i>greenii</i> (Theobald) 1905.	.. 5 : 116
14. Genus <i>Aedes</i> Meigen.		
51.	<i>Aedes</i> (<i>Mucidus</i>) <i>quasiferinus</i> Mattingly 1961.	.. 32 : 41
52.	<i>Ae</i> (<i>Muc</i>) <i>scatophagoides</i> (Theobald) 1901.	.. 32 : 43
53.	<i>Ae</i> (<i>Finlaya</i>) <i>albolateralis</i> (Theobald) 1908.	.. 5 : 117
54.	<i>Ae</i> (<i>Fin</i>) <i>albotaeniatus</i> (Leicester) 1904	.. 5 : 117

55. Ae (Fin) chrysolineatus (Theobald) 1907.	..	1	:	185
56. Ae (Fin) greenii (Theobald) 1903.	..	1	:	184
57. Ae (Fin) gubernatoris (Giles) 1901.	..	5	:	117
58. Ae (Fin) harveyi (Barraud) 1923.	..	5	:	117
59. Ae (Fin) macedougalli Edwards 1922.	..	1	:	177
60. Ae (Fin) niveus (Ludlow) 1903.	..	5	:	117
61. Ae (Fin) pseudotaeniatus (Giles) 1901.	..	1	:	178
62. Ae (Christophersiomysia) annulirostris (Theobald) 1905	..	1	:	215
63. Ae. (Chr) thomsoni (Theobald) 1905.	..	1	:	213
64. Ae (Rhinoskusea) wardi n. sp.	..	20	:	18
65. Ae (Stegomyia) aegypti (Linnaeus) 1762.	..	1	:	221
66. Ae (Stg) albopictus (Skuse) 1894.	..	8	:	13
67. Ae (Stg) krombceini n. sp.	..	9	:	345
68. Ae (Stg) mediopunctatus (Theobald) 1905.	..	10	:	36
69. Ae (Aedimorphus) alboscuteUellatus (Theobald) 1905.	..	17	:	17
70. Ae (Adm) argenteoscutellatus Carter & Wijesundara 1948.	..	17	:	2
71. Ae (Adm) jamesi (Edwards) 1914.	..	1	:	249
72. Ae (Adm) pallidostriatus (Theobald) 1907.	..	17	:	50
73. Ae (Adm) piperis (Giles) 1902.	..	17	:	59
74. Ae (Adm) stenoctrus (Theobald) 1907.	..	1	:	255
75. Ae (Adm) taeniorhynchoides (Christophers) 1911.	..	5	:	117
76. Ae (Adm) vexans vexans (Meigen) 1830.	..	17	:	66
77. Ae (Adm) vittatus (Bigot) 1861.	..	10	:	113
78. Ae (Paraedes) ostentatio (Leicester) 1908.	..	28	:	200
79. Ae (Neomelaniconion) lineatopennis (Ludlow) 1905.	..	28	:	201
80. Ae (Diceromyia) ramachandrai Reuben 1972.	..	7	:	154
81. Ae (Dic) reginae Edwards 1922.	..	1	:	277
82. Ae (Verrallina) butleri Theobald 1901.	..	18	:	22
83. Ae (Ver) indicus (Theobald) 1907.	..	18	:	53
84. Ae (Ver) lankaensis Stone & Knight 1958.	..	18	:	61
85. Ae (Ver) petroelephantus Wijesundara 1951.	..	18	:	72
86. Ae (Ver) pseudomediofasciatus (Theobald) 1910.	..	18	:	75
87. Ae (Ver) seculatus Menon 1950.	..	18	:	84
88. Ae (Ver) spermathecus Wijesundara 1951.	..	18	:	17

89. Ae (Ver) srilankensis n. sp.	.. 21 : 366
90. Ae (Ver) uniformis (Theobald) 1910.	.. 7 : 153
91. Ae (Ver) yerburyi Edwards. 1917.	.. 18 : 95
92. Ae (Cancraedes) simplex (Theobald) 1903.	.. 1 : 298
15. Genus Armigeres Theobald.	
93. Armigeres (Armigeres) aureolineatus (Leicester) 1908.	.. 5 : 118
94. Ar (Arm) subalbatus (Coquillett) 1898.	.. 7 : 154
95. Ar (Leicesteria) magnus (Theobald) 1908.	.. 5 : 118
96. Ar (Lei) omissus (Edwards) 1914.	.. 5 : 118
16. Genus Culex Linnaeus.	
97. Culex (Lutzia) fuscus Weidemann 1820.	.. 2 : 13
98. Cx (Lut) halifaxi Theobald 1903.	.. 2 : 17
99. Cx (Eumelanomyia) brevipalpis (Giles) 1902.	.. 22 : 13
100. Cx (Eum) campilunati Carter & Wijesundera 1948.	.. 22 : 43
101. Cx. (Eum) castrensis Edwards. 1922.	.. 22 : 33
102. Cx. (Eum) malayi (Leicester) 1908.	.. 22 : 37
103. Cx (Eum) pluvialis Barraud 1924.	.. 25 : 540
104. Cx (Lophoceraomyia) bicornutus (Theobald) 1910.	.. 26 : 102
105. Cx (Lop) infantulus Edwards 1922.	.. 26 : 26
106. Cx (Lop) lasiopalis n. sp.	.. 26 : 123
107. Cx (Lop) mammilifer (Leicester) 1908.	.. 26 : 87
108. Cx (Lop) minutissimus (Theobald) 1907.	.. 26 : 22
109. Cx (Lop) quadripalpis (Edwards) 1914.	.. 26 : 44
110. Cx (Lop) rubithoracis (Leicester) 1908.	.. 26 : 37
111. Cx (Lop) uniformis (Theobald) 1905.	.. 26 : 84
112. Cx (Lop) wardi n. sp.	.. 26 : 90
113. Cx (Culiciomyia) bahri (Edwards) 1914.	.. 24 : 94
114. Cx (Cui) bailyi Barraud. 1934.	.. 2 : 123
115. Cx (Cui) fragilis Ludlow 1903.	.. 2 : 129
116. Cx (Cui) nigropunctatus Edwards 1926.	.. 2 : 133
117. Cx (Cui) pallidothorax Theobald. 1905.	.. 2 : 137
118. Cx (Cui) spathifurca (Edwards) 1915.	.. 2 : 151
119. Cx (Culex) bitaeniorhynchus Giles 1901.	.. 23 : 65
120. Cx (Cux) fuscocephala Theobald 1907.	.. 23 : 51

121.	Cx (Cux) gelidus Theobald 1901.	.. 23	: 58
122.	Cx (Cux) infula Theobald 1901.	.. 23	: 71
123.	Cx (Cux) jacksoni Edwards 1934.	.. 23	: 150
124.	Cx (Cux) mimulus Edwards 1915.	.. 23	: 157
125.	Cx (Cux) pseudovishnui Colless 1957.	.. 23	: 116
126.	Cx (Cux) quinquefasciatus Say 1823.	.. 23	: 30
127.	Cx (Cux) sinensis Theobald 1903.	.. 23	: 82
128.	Cx (Cux) sitiens Weidemann 1828.	.. 23	: 95
129.	Cx (Cux) tritaeniorhynchus Giles 1901.	.. 23	: 129
130.	Cx (Cux) vishnui Theobald 1901.	.. 23	: 111
131.	Cx (Cux) whitmorei (Giles) 1904.	.. 23	: 103

ENDEMIC SPECIES

- An (Ano) *gigas refutans* Alcock.
An (Ano) *reidi* n. sp. (Harrison 1973)
Tp (Trp) *dofeini* (Gunther)
Ur (Ura) *rutherfordi* Edwards.
Ur (Pfc) *srilankensis* Peyton
Ae (Stg) *krombeini* n. sp. (Huang Y-M 1975)
Ae (Adm) *argenteoscutellatus* Carter and Wijesundara.
Ae (Ver) *lankaensis* Stone and Knight
Ae (Ver) *petroclephantus* Wijesundara.
Ae (Ver) *spermathecus* Wijesundara.
Ae (Ver) *srilankensis* n. sp. (Reinert J. F. 1977)
Ae (Ver) *yerburyi* Edwards
Ae (Can) *simplex* Theobald
Cx (Eum) *campilunati* Carter and Wijesundara.
Cx (Lop) *lasiopalpis* n. sp. (Sirivanakarn S. 1977)
Cx (Lop) *wardi* n. sp. (Sirivanakarn S. 1977)
Cx (Cui) *bahri* Edwards.

SYNONYMS

REFERENCES

Or anopheloides (Giles) (= Or anopheloides var. maculata Theobald)	Zavortink T. J. 1971
Ae (Stg) aegypti (Linnaeus) (= Ae (Stg) aegypti var. luciensis Theobald)	Stone et al 1959
Ae (Ver) lankaensis Stone and Knight (= Ae (Ae) ceylonicus Edwards)	Stone et al 1959
Ae (Ver) seculatus Menon (= Ae (Ae) carteri Wijesundara)	Stone et al 1959
Ar (Arm.) subalbatus (Coquillett) (= Ar (Arm) obturbans (Walker))	Stone et al 1959
Cx (Lut) halifaxi Theobald $\left\{ \begin{array}{l} (= \text{Cx (Lut) raptor Edwards}) \\ (= \text{Cx (Lut) vorax Edwards}) \end{array} \right\}$	Bram R. A. 1967
Cx (Lop) infantulus Edwards (= Cx (Lop) parainfantulus Menon)	Sirivanakarn S. 1977
Cx (Cui) spathifurca (Edwards) (= Cx (Cui) stylifurcatus Carter and Wijesundara)	Stone et al 1959
Cx (Cux) infula Theobald $\left\{ \begin{array}{l} (= \text{Cx (Cux) bitaeniorhynchus var. ambiguus (Theobald)}) \\ (= \text{Cx (Cux) bitaeniorhynchus var. tenax (Theobald)}) \end{array} \right\}$	Sirivanakarn S. 1976
Cx (Cux) quinquefasciatus Say (= Cx (Cux) fatigans Weidemann)	Sirivanakarn. S. and White G.B. 1978
Cx (Cux) jacksoni Edwards (= Cx (Cux) fuscifurcatus Edwards)	Sirivanakarn .S. 1976
Cx (Cux) gelidus Theobald $\left\{ \begin{array}{l} (= \text{Cx (Cux) gelidus var. bipunctatus (Theobald)}) \\ (= \text{Cx (Cux) gelidus var. cuneatus (Theobald)}) \end{array} \right\}$	Stone et al 1959

MISIDENTIFICATIONS AND DOUBTFUL RECORDS

REFERENCES

- | | |
|---|----------------------|
| An (Ano) pseudobarbistrois Ludlow | Harrison B. A. 1973 |
| An (Cel) balabacensis balabacensis Baisas | Peyton E. L. 1976 |
| An (Cel) fluviatilis James | Carter H. F. 1950 |
| An (Cel) leucosphyrus Donitz | Stone A. 1961 |
| An (Cel) minimus Theobald | Carter H. F. 1950 |
| Ur (Ura) atra Theobald | Stone et al 1959 |
| Ad (Ady) venustipes (Skuse) | Tyson W. H. 1970 |
| Ae (Muc) laniger (Wiedemann) | Stone A. 1963 |
| Ae (Rhi) longirostris (Leicester) | Reinert J. F. 1976 |
| Ae (Stg) novalbopictus Barraud. | Huang Y-M 1972 |
| Ae (Stg) scutellaris (Walker) | Huang Y-M 1975 |
| Ae (Stg) W-albus (Theobald) | Huang Y-M 1977 |
| Cx (Lop) cinctellus Edwards | Sirivanakarn S. 1977 |
| Cx (Lop) minor (Leicester) | Sirivanakarn S. 1977 |
| Cx (Cui) shebbearei Barraud | Sirivanakarn S. 1977 |
| Cx (Cux) barraudi Edwards | Sirivanakarn S. 1976 |
| Cx (Cux) edwardsi Barraud | Sirivanakarn S. 1976 |
| Cx (Cux) epidesmus (Theobald) | Sirivanakarn S. 1976 |
| Cx (Cux) mimeticus Noe | Sirivanakarn S. 1976 |
| Cx (Cux) orientalis Edwards | Sirivanakarn S. 1976 |

NOTES

Genus Anopheles

Three species have been recorded under barbirostris species group, namely *An (Ano) barbirostris* Vander Wulp, *An (Ano) barbumbrosus* Strickland and Choudhury and *An (Ano) reidi* n. sp. According to Harrison et al (1974), *An (Ano) barbumbrosus* has been recorded for the first time by Reid (1962).

Genus Tripteroides

Carter (1950) has recorded three species under genus Tripteroides. Stone et al (1959) have listed all three species under subgenus Tripteroides. Alan Stone (1963) has removed *Tr (Trip) aranoioides* (Theobald) from subgenus Tripteroides and placed it under subgenus Rachionotomyia. (after Belkin 1962).

Genus Topomyia

An apparently new species of the genus Topomyia was collected in the Kalatuwawa area in 1975. This is the first record of the genus for Sri Lanka. (Peyton 1976).

Genus Ficalbia

Carter (1950) has reported Mimomyia as a subgenus under genus Ficalbia. However, Mattingly (1971) has raised Mimomyia from subgeneric to generic status and included two subgenera, namely Mimomyia and Etorleptomyia.

Genus Coquillettidia

Mansonia (Coquillettidia) crassipes (Van der Wulp) listed by Carter (1950) as a species of the subgenus Coquillettidia under genus Mansonia is now listed as a species under genus Coquillettidia by Alan Stone 1967; (after Ronderas & Bachmann 1962).

Genus Uranotaenia

Peyton (1972 & 1977) includes two sub genera under the genus Uranotaenia, namely Pseudoficalbia and Uranotaenia.

Ur. (Pfc) bicolor Leicester and *Ur (Pfc) obscura* Edwards are two additional records since Carter (1950). *Ur (Pfc) srilankensis* Peyton, described by Peyton (1974) as a new species is probably what Carter has recorded as *Ur. recondita* Edwards.

Ur (Pfc) srilankensis is endemic to Sri Lanka and is probably the representative of recondita series for this country. The immatures of *Ur (Pfc) srilankensis* have been collected from fresh water crab holes in October 1978 and have been described (Peyton et al 1979).

Genus Aedes

Reinert (1973) includes *Ae (Adm) argenteoscutellatus* Carter and Wijesundera under species of Aedes (Adm) occurring in the Oriental Zoogeographical region. Carter & Wijesundara (1948) have described this species from a single adult male specimen.

Ae (Adm) vittatus (Bigot) which is listed by Carter (1950) as a member of the subgenus Stegomyia, is now included in the subgenus Aedimorphus by Huang (1977).

Ae (Par) ostentatio (Leicester) is listed as a member of the subgenus Aedimorphus by Carter (1950). However, Harrison et al (1974) has placed this species under subgenus Paraedes (after Mattingly 1958). Immatures & adults of this species are being described. Collections were made from fresh water crab holes in the Western Province, Alutgama.

Aedes (Verrallina) spermathecus Wijesundara

Reinert (1974) in his new interpretation of Verrallina has excluded *Ae (Ver) spermathecus* described by Wijesundara (1951) which is an endemic species for Sri Lanka from the list of species treatment as the specimen was not available for examination. However, he has included this species under indicus series of subgenus Verrallina. Species recorded by Carter (1950) under the subgenus Aedes are now placed under subgenus Verrallina by Reinert (1974).

***Ae (Can) simplex.* (Theobald)**

Ae (Can) simplex (Theobald) which is an endemic species has been reported only from an adult male. The adult females and immatures for this species have not been reported. However, the majority of mosquito larvae collected from fresh water crab holes in October 1978 during a survey at Alutgama & Talalla were *Ae (Can) simplex*. In addition, resting adults (males and females) were collected from crab holes in association with *Ur. (Pfc) srilankensis*. The Biology of adults & immature stages of this species are being described.

Genus *Culex*

Subgenus Eumelanomyia - Sirivanakarn (1972) has combined subgenera *Neoculex* and *Mochthogenes* into a single subgenus *Eumelanomyia*. Immatures of *Cx (Eum) campilunati* Carter and Wijesundara and *Cx (Eum) castrensis* Edwards are unknown.

Cx (Eum) pluvialis - Immatures of *Cx (Eum) pluvialis* Barraud have been described for the first time by Sirivanakarn (1977) from material collected from Sri Lanka in July 1975.

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