

DRAGONFLY RECORDS FROM WEST MALAYSIA

S.J. BROOKS

Department of Entomology, British Museum (Natural History), Cromwell Road,
London, SW7 5BD, England

Abstract — 47 spp. collected by A.S. Corbet (1928-1932) and P.S. Corbet (1979) are recorded. Among these, *Macrogomphus quadratus* (Sel.) and *Hylaeothemis clementia* Ris were not previously reported from West Malaysia.

Introduction

The report is based on two collections, made mainly from around the Kuala Lumpur region of West Malaysia. The first was made by A.S. Corbet between 1928 and 1932 and the second

by his son Professor P.S. Corbet, collected between 20th and 25th September 1979. All but three of these species were recorded from West Malaysia by LIEFTINCK (1954), though one of these (*Vestalis amethystina* Lieft.), was described from West Malaysia in 1965. The collections have been deposited in the British Museum (Natural History).

Localities

Numbers have been assigned to each locality as follows:

Localities visited by A.S. Corbet: Batu Caves (1); — Bentong road, Quarry (2); — Klang Gates (3); — Ayer Kuning (4); — Ampang, Upper Reservoir (5); — Ampang, Forest Reserve (6); — Sungei Simpah (7); — Gombak Valley (8); — Kanching (9); — Maxwell's Hill (1275 m) (10); — Dusun Tua (11); — Sungei Buloh (12); — Bukit Kutu (13); — Kuala Lumpur (14); — Kuala Nerang (15); — Kuantan (16); — Tanah Rata (17); — Ringlet (18); — Gap Pass (19).

Localities visited by P.S. Corbet: Templar Park, Kuala Lumpur (small, sluggish stream in lightly wooded area) (20); — Sungei Gombak (small stream in deep, wooded ravine) (21); — Sungei Gombak (in thicket away from stream) (22); — Genting Tea Estate (23); — University of Malaya, Kuala Lumpur (shaded, stagnant stream) (24); — University of Malaya (richly vegetated pond) (25).

Material collected

Protoneuridae: *Prodasineura collaris* (Sel.) (23), 4 ♂; — *P. interrupta* (Sel.) (4), 1 ♂; — *P. verticalis* (Sel.) (5, 20), 3 ♂, 1 ♀.

Platycnemididae: *Coelliccia albicauda* (Förster) (21, 24), 2 ♂; — *Copera annulata* (Sel.) (20), 2 ♂; — *C. marginipes* (Ramb.) (2), 1 ♀; — *Indocnemis orang* (Förster) (23), 1 ♂.

Coenagrionidae: *Agriocnemis rubeola* Sel. (1, 2, 3, 20), 4 ♂, 1 ♀; — *Onychargia atrocyana* Sel. (22), 1 ♀.

Amphipterygidae: *Devadatta a. argyroides* (Sel.) (10), 1 ♂.

Chlorocyphidae: *Rhinocypha biseriata biforata* Sel. (11), 1 ♂; — *R. fenestrella* Ramb. (2, 7, 8, 11, 23), 14 ♂, 3 ♀; — *R. perforata limbata* Sel. (3), 1 ♂.

Euphaeidae: *Euphaea o. ochracea* Sel. (7, 8, 21), 6 ♂, 1 ♀.

Calopterygidae: *Echo modesta* Laidl. (7), 1 ♂; — *Neurobasis c. chinensis* (L.) (2, 3, 7, 8), 7 ♂, 2 ♀; — *Vestalis amethystina* Lieft. (5, 6, 9, 21, 23), 5 ♂, 4 ♀; — *V. amoena* Sel. (2, 3, 5), 3 ♂, 3 ♀.

Gomphidae: *Ictinogomphus decora-*

tus melaenops (Sel.) (5), 1 ♂; — *Macrogomphus quadratus* Sel. (6), 1 ♀.

Libellulidae: *Agrionoptera sexlineata* Sel. (12), 1 ♂; — *Brachydiplax c. chalybea* Br. (20, 25), 2 ♂; — *Brachydiplax farinosa* Krüger (9), 1 ♂; — *Camacinia gigantea* (Br.) (14), 1 ♂; — *Cratilla metallica* (Br.) (5, 8, 13), 1 ♂, 2 ♀; — *Crocothemis servilia* (Dru.) (6, 12, 14), 3 ♀; — *Hydrobasileus croceus* (Br.) (14), 1 ♂; — *Hylaeothemis clementia* Ris (5), 1 ♀; — *Lyriothemis biappendiculata* (Sel.) (4, 5, 8), 2 ♂, 1 ♀; — *Nesoxenia lineata* (Sel.) (12), 1 ♂, 1 ♀; — *Neurothemis fluctuans* (Fabr.) (3, 5, 12, 20), 9 ♂, 1 ♀; — *N. fulvia* (Dru.) (5, 11), 1 ♂, 1 ♀; — *N. t. tullia* (Dru.) (15), 1 ♂; — *Orthe-trum chrysis* (Sel.) (23), 1 ♂, 1 ♀; — *O. glaucum* (Br.) (2, 5, 7, 8, 9, 16, 17, 23), 7 ♂, 7 ♀; — *O. luzonicum* (Br.) (20, 23), 2 ♂; — *O. triangulare malaccense* Förster (2, 18, 19), 3 ♂; — *Pantala flavescens* (Fabr.) (14), 1 ♂; — *Rhyothemis obsolescens* Kirby (9), 1 ♂; — *R. p. phyllis* (Sulz.) (5, 12, 25), 3 ♀; — *Tholymis tillarga* (Fabr.) (5), 1 ♀; — *Tritthemis aurora* (Burm.) (6, 12, 20), 1 ♂, 2 ♀; — *T. festiva* (Ramb.) (23), 1 ♂; — *Tyriobapta torrida* Kirby (3, 20, 24), 4 ♂, 1 ♀; — *Zygonyx iris malayana* (Laidl.) (2, 9), 2 ♂, 1 ♀.

Three of the above species were not recorded by LIEFTINCK in his Handlist of Malaysian Odonata (1954), viz. *Vestalis amethystina*, which was later described from West Malaysia (LIEFTINCK, 1965), *Macrogomphus quadratus* and *Hylaeothemis clementia*.

Acknowledgements — I would like to thank Dr M.A. LIEFTINCK (Rhenen, the Netherlands) for confirmation of some of my determinations and Dr P.C. BARNARD and Professor P.S. CORBET (Dundee, Scotland) for their help and advice.

References — LIEFTINCK, M.A.. 1954, *Treubia* 22 (Suppl.): xii + 202 pp.; — 1965, *Tijdschr. Ent.* 108: 325-364.

Received August 20, 1980