

BOOK REVIEW

CAMPBELL I.C. (ed.): *MAYFLIES AND STONEFLIES: LIFE HISTORIES AND BIOLOGY*. Series Entomologica 44. Kluwer Academic Publishers, Dordrecht, Boston, London, 1992, x + 366 pp. ISBN 0-7923-0289-3. Price USD 154.-.

This volume represents the proceedings of 5th International conference on Ephemeroptera and 9th International conference on Plecoptera held, jointly, in Marysville, Victoria, Australia, thus representing the first time when these two conferences were held together and in the South Hemisphere.

The conference was attended by 62 participants from 21 countries. Contrary to previous conferences on the same topic, many specialists came from Australia, South America and Asia.

The publication contains 44 original contributions without formal grouping and all papers are in English. Most attention was devoted to the question of life cycles, on the basis that the joint symposium focused on particular life histories studies of both Ephemeroptera and Plecoptera (12 papers). An

excellent general paper on life history strategies by Brittain was presented as a keynote address to that symposium. Other papers relate to physiology (3 articles), taxonomy and biogeography (14 articles), and morphology and ultrastructure (5 articles). There are 10 additional papers on ecology of aquatic insects.

The book is concise, including selected and carefully reviewed papers. The reproduction of highly professional figures and photographs is excellent.

Although the papers included here cover a broad spectrum of research into the two orders of aquatic insects, as a whole, the volume represents much more than the proceedings of a conference, as it provides a comprehensive coverage of modern information on the taxonomy, biology and, especially, the study of life cycles of these two insect orders.

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