VOLKOViCH  T.A. 1987: Role of light and temperature in the control of the active development and dia-
pause of the lace-wing Chrysopa carnea Steph. (Neuroptera, Chrysopidae). I. Photoperiodic reaction
under condition of constant and gradually changing daylength. Entomol. Obozr. 66: 3–18 (in Russian,
English abstr.).
VOLKOViCH T.A. 1988: Role of light and temperature in the control of the active development and dia-
pause of the lace-wing Chrysopa carnea Steph. (Neuroptera, Chrysopidae). II. Seasonal development in
the Belgorod province. Entomol. Obozr. 67: 3–11 (in Russian, English abstr.).
VOLKOViCH T.A., KOLESniCHenko L.I. & SauliCH A.H. 1990: The role of thermal rhythms in the develop-
ment of Perillus bioculatus (Hemiptera, Pentatomidae). Zool. Zh. 69: 70–81 (in Russian, English
abstr.).
VOLKOViCH T.A. & ARApoV V.V. 1993: Phenology and seasonal cycles of some species of lace-wings
(Chrysopidae) in the reservation “Forest on the Vorskla river”. Vestnik Sankt-Petersburg Univ. 4:
17–25 (in Russian, English abstr.).
VOLKOViCH T.A. & ARApoV V.V. 1994: Peculiarities of photoperiodic responses of lace-wing Chrysopa
perla L. (Neuroptera, Chrysopidae) under constant and changing temperature conditions. Entomol.
Obozr. 73: 506–520 (in Russian, English abstr.).
ZINOViEVA K.B. 1976: The role of light and temperature rhythms in diapause induction in Alysia mandu-
ZINOViEVA K.B. 1991: Role of the daily cycles of temperature and photoperiod in the induction and termi-
nation of the diapause in Alysia manducator Panz. (Hymenoptera, Braconidae). Entomol. Obozr. 70:
265–280 (in Russian, English abstr.).

Received December 29, 1995; accepted February 12, 1997

BOOK REVIEW


The Hymenoptera is an insect order that is one of the richest in number of species. The order en-
compasses noxious, useful and ecologically significant species including phytophagous sawflkes,
pollinators of cultivated crops, honeybees, and a rich array of parasitoids and predators. The mostly
drab and often inconspicuous appearance and the minute size of many hymenopterans may explain
why few students have been interested in studying this insect order. The book provides updated infor-
mation on hymenopterans for use by entomologists, students and amateurs.

The initial chapters address the diversity of Hymenoptera in Great Britain and the life cycles of
parasitoids and aculeate apocritans. The middle chapters are devoted to the morphology, classifica-
tion and development of hymenopterans. Over half of the book comprises keys to the determination of
superfamilies and families of Hymenoptera that occur in Great Britain. In addition to numerous line
drawings, the book contains 8 colour and 2 halftone plates. A comprehensive list of references is in-
cluded that contains over 1,050 literary sources, dating mostly from 1960 to 1996.

J. Šedivý

EUR. J. Entomol. 94: 444, 1997
ISSN 1210–5759

444