



# Entomological Society of Canada Soci t  d'entomologie du Canada

503 - 386 Broadway, Winnipeg, MB R3C 3R6 Canada

T: (888) 821-8387 / + 1 204 282-9823

F: + 1 204 947-9767

[www.esc-sec.ca](http://www.esc-sec.ca)

[info@esc-sec.ca](mailto:info@esc-sec.ca)

## ESC/SEC SUPPLEMENTS & MEMOIRS (2015)

No.1 of Vol. LXXXVII (mailed 30 March 1955): The comparative internal larval anatomy of sawflies (Hymenoptera: Symphyta) - Doreen E. Maxwell [\$10]

No. I of Vol. LXXXVIII (mailed 10 December 1956): Revision of the Nearctic species of *Agriotes* (Coleoptera: Elateridae) - Edward C. Becker [o/s] hard copies [o/s]

No.2 of Vol. LXXXVIII (mailed 16 January 1957): Leafhoppers (Homoptera: Cicadellidae) of Canada and Alaska - Bryan P. Beirne [\$10]

No.3 of Vol. LXXXVIII (mailed 2 January 1957): The New World species of *Chrysomela* L. (Coleoptera: Chrysomelidae) - W. J. Brown [\$8]

No.4-there is no Supplement 4.

No.5 (mailed 2 December 1957): The use of larval anatomy in the study of bark beetles (Coleoptera: Scolytidae) - J. B. Thomas [o/s]

No.6 (mailed 8 April 1958): Taxonomy, life history, and habits of the elliptoid-eyed species of *Schinia* (Lepidoptera: Noctuidae), with notes on the Heliothidinae - David F. Harwick [\$10]

No.7 (mailed 28 April 1958): The Archipinae of North America (Lepidoptera: Tortricidae) - T. N. Freeman [\$10]

No.8 (mailed 12 September 1958): Larvae of the Nearctic Larentiinae (Lepidoptera: Geometridae) - W. C. McGuffin [\$10]

No.9 (mailed 14 November 1958): Acridoidea of southern Alberta, Saskatchewan, and Manitoba (Orthoptera) - Arthur R. Brooks [\$10]

No. 10 (mailed 26 March 1959): Larvae of the North American Olethreutidae (Lepidoptera) - Margaret Rae MacKay [\$15]

No. 11 (mailed 26 March 1959): Male genitalia as taxonomic characters in the Miridae (Hemiptera) - Leonard A. Kelton [\$8]

No. 12 (mailed 15 June 1959): Phytoseiid mites (Acarina: Phytoseiidae). 1. Bionomics of seven species in southeastern England. II. A taxonomic review of the family Phytoseiidae, with descriptions of 38 new species - D. A. Chant [\$10]

No. 13 (mailed 14 November 1960): A synopsis of the genus *Rhopalosiphum* in Canada (Homoptera: Aphididae) - W. R. Richards [\$8]

No. 14 (mailed 16 March 1961): A revision of the Nearctic species of Fanniinae (Diptera Muscidae) - J. G. Chillcott [\$15]

No. 15 (mailed 1 February 1961): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). I. Introduction, key to Nearctic genera of Ichneumoninae Stenopneusticae, and synopsis of the Protichneumonini north of Mexico - Gerd H. Heinrich [\$10]

No. 16 (mailed 11 January 1961): Needle-mining Lepidoptera of pine in North America - T. N. Freeman [\$8]

No. 17 (mailed 25 October 1961): The classification of the Papilionidae (Lepidoptera) - Eugene Munroe [\$8]

No. 18 (mailed 4 April 1961): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). II. Synopsis of the Ichneumonini: Genera *Orgichneumon*, *Cratichneumon*, *Homotherus*, *Aculichneumon*, *Spilichneumon* - Gerd H. Heinrich [\$10]

No. 19 (mailed 4 April 1961): Mathematical models for use in insect pest control - Kenneth E. F. Watt [\$8]

No. 20 (mailed 6 April 1961): Adult Elateridae of southern Alberta, Saskatchewan and Manitoba (Coleoptera) - A. R. Brooks [\$8]

No. 21 (mailed 13 September 1961): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). III. Synopsis of the Ichneumonini: Genera *Ichneumon* and *Thyrateles* - Gerd H. Heinrich [\$10]

No. 22 (mailed 29 May 1961): Taxonomy and distribution of Nearctic *Vespula* - C. D. F. Miller [o/s]

No. 23 (mailed 21 December 1961): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). IV. Synopsis of the Ichneumonini: Genera *Chasmias*, *Neamblymorpha*, *Anisopygus*, *Limerodops*, *Eupalamus*, *Tricholabus*, *Pseudamblyteles*, *Eutanyacra*, *Ctenichneumon*, *Exephanes*, *Ectopimorpha*, *Pseudoamblyteles* - Gerd H. Heinrich [\$10]

No. 24 (mailed 27 December 1961): Synopsis of the North American Odontiinae, with descriptions of new genera and species (Lepidoptera: Pyralidae) - Eugene Munroe [\$10]

No. 25 (mailed 28 December 1961): A revision of the New World species of *Thalycra* Erichson, with a description of a new genus and notes on generic synonymy (Coleoptera: Nitidulidae) - Henry F. Howden [\$8]

No. 26 (mailed 19 February 1962): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). V. Synopsis of the Ichneumonini: Genera *Protopelmus*, *Patrocloides*, *Probolus*, *Stenichneumon*, *Aoplus*, *Limonethe*, *Hybophorellus*, *Rubicundiella*, *Melanichneumon*, *Stenobarichneumon*, *Platylabops*, *Hoplismenus*, *Hemihoplis*, *Trogomorpha* - Gerd H. Heinrich [\$10]

No. 27 (mailed 20 September 1962): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). VI. Synopsis of the Ichneumonini (genus *Plagiotrypes*), Acanthojoppini, Listrodromini and Platylabini - Gerd H. Heinrich [\$10]

No. 28 (mailed 6 November 1962): Larvae of the North American Tortricinae (Lepidoptera: Tortricidae) - Margaret Rae MacKay [\$10]

- No. 29 (mailed 27 November 1962): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). VII. Synopsis of the Trogini addenda and corrigenda - Gerd H. Heinrich [\$10]
- No. 30 (mailed 1 May 1963): A catalogue of the Nearctic Chalcidoidea (Insecta: Hymenoptera) - Oswald Peck [\$45]
- No. 31 (mailed 21 May 1963): The dynamics of epidemic spruce budworm populations - R. F. Morris, *Editor* [\$15]
- No. 32 (mailed 4 June 1963): Population dynamics of agricultural and forest insect pests - E. J. LeRoux and others [\$10]
- No. 33 (mailed 19 March 1964): Some neotropical genera resembling *Epicorsia* Hübner (Lepidoptera: Pyralidae) - Eugene Munroe [o/s]
- No. 34 (mailed 1 April 1964): Keys to the Chalcidoidea of Czechoslovakia (Insecta: Hymenoptera) - Oswald Peck, Zdenek Boucek and Augustin Hoffer [o/s]
- No. 35 (mailed 14 May 1964): Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to the northeastern region (Hymenoptera). VIII. Addenda and corrigenda, host-parasite list and generic host index, index to ichneumonid names - Oswald Peck [\$8]
- No. 36 (mailed 21 October 1964): The morphology, histology, and fine structure of the gut of the green peach aphid, *Myzus persicae* (Sulzer) (Homoptera: Aphididae) - A. R. Forbes [\$8]
- No. 37 (mailed 23 October 1964): Insect lipids: A review - Paul G. Fast [\$8]
- No. 38 (mailed 6 November 1964): Blood circulation in insect wings - John W. Arnold [\$8]
- No. 39 (mailed 10 December 1964): The Geotrupinae of North and Central America - Henry F. Howden [o/s]
- No. 40 (mailed 1 April 1965): The corn earworm complex - David F. Hardwick [o/s]
- No. 41 (mailed 5 April 1965): The Phytoseiidae (Acarina) of Central America - D. A. Chant and E. W. Baker [\$8]
- No. 42 (mailed 18 June 1965): The Muscidae of northern Canada, Alaska, and Greenland (Diptera) - Hugh C. Hockett [o/s]
- No. 43 (mailed 23 June 1965): Recherches sur la biologie et la dynamique des populations naturelles d'*Archips argyropilus* (Wlk.) (Lépidoptères: Tortricidae) dans le sud-ouest du Québec - Rudolphe O. Paradis et E. J. LeRoux [\$10]
- No. 44 (mailed 26 October 1965): The Callaphidini of Canada (Homoptera: Aphididae) - W. R. Richards [\$10]
- No. 45 (mailed 7 December 1965): The functional response of predators to prey density and its role in mimicry and population regulation - C. S. Holling [\$8]
- No. 46 (mailed 9 December 1965): The population dynamics of the winter moth in Nova Scotia, 1954-1962 - D. G. Embree [\$8]

- No. 47 (mailed 29 December 1965): Taxonomic concepts in the Ascidae, with a modified setal nomenclature for the idiosoma of the Gamasina (Acarina: Mesostigmata) - Evert E. Lindquist and G. Owen Evans [\$8]
- No. 48 (mailed 1 April 1966): The functional response of invertebrate predators to prey density - C. S. Holling [o/s]
- No. 49 (mailed 16 May 1966): Revision of North American Species of *Udea* Guenée (Lepidoptera: Pyralidae) - Eugene Munroe [\$8]
- No. 50 (mailed 15 September 1967): Guide to the Geometridae of Canada (Lepidoptera). I. Subfamily Sterrhinae - W. C. McGuffin [\$10]
- No. 51 (mailed 15 September 1967): Aquatic and semiaquatic Heteroptera of Alberta, Saskatchewan, and Manitoba (Hemiptera) - Arthur R. Brooks and Leonard A. Kelton [\$10]
- No. 52 (mailed 9 January 1968): A history of grasshopper abundance surveys and forecasts of outbreaks in Saskatchewan - Paul W. Riegert [\$10]
- No. 53 (mailed 12 February 1968): Generic classification, evolution, and biogeography of the Sminthuridae of the World (Collembola) - W. R. Richards [\$8]
- No. 54 (mailed 19 April 1968): A review of the Trichiinae of North and Central America (Coleoptera: Scarabaeidae) - Henry F. Howden [\$10]
- No. 55 (mailed 3 July 1968): The *imbecillus* and *rufus* groups of the spider genus *Philodromus* in North America (Araneida: Thomisidae) - C. D. Dondale and J. H. Redner [\$10]
- No. 56 (mailed 13 September 1968): The tachinids of Trinidad. VIII. Phorocerines - W. R. Thompson [\$15]
- No. 57 (mailed 5 December 1968): A synopsis of the World fauna of *Myzocallis* (Homoptera; Aphididae) - W. R. Richards [\$8]
- No. 58 (mailed 6 November 1968): The North American Aegeriidae (Lepidoptera): A revision based on late-instar larvae - Margaret Rae MacKay [\$10]
- No. 59 (mailed 26 February 1969): The life histories, distribution, and immature forms of the North American sawflies of the genus *Cephalcia* (Hymenoptera: Pamphiliidae) - D. C. Eidt [\$8]
- No. 60 (mailed 19 February 1969): Review of the Holarctic tarsonemid mites (Acarina: Prostigmata) parasitizing eggs of ipine bark beetles - Evert E. Lindquist [\$10]
- No. 61 (mailed 17 April 1969): Contribution towards a monograph of the fleas of New Guinea - George P. Holland [\$10]
- No. 62 (mailed 15 July 1969): A revision of the genera of the Syrphini (Diptera: Syrphidae) - J. R. Vockeroth [\$10]
- No. 63 (mailed 21 June 1969): Larvae and pupae of some eastern North American Tabanidae (Diptera) - H. J. Teskey [\$10]
- No. 64 (mailed 11 November 1969): The Agromyzidae of Canada and Alaska - Kenneth A. Spencer [\$15]

No. 65 (mailed 25 June 1970): A monograph of the Western Hemisphere bumblebees (Hymenoptera: Apidae; Bombinae): Bibliography - H. E. Milliron [o/s]

No. 66 (mailed 6 April 1970): Le genre *Rhyacophila* et la famille des Rhyacophilidae (Trichoptera) - F. Schmid [o/s]

No. 67 (mailed 24 March 1970): The genus *Euxoa* (Lepidoptera: Noctuidae) in North America. I. Subgenera *Orosagrotis*, *Longivesica*, *Chorizagrotis*, *Pleonectopoda*, and *Crassivesca* - David F. Hardwick [\$10]

No. 68 (mailed 26 March 1970): The Nearctic species of *Pnigalio* and *Sympiesis* (Hymenoptera: Eulophidae) - Charles Douglas Miller [\$10]

No. 69 (mailed 31 March 1970): The *Prosimulium* of Canada and Alaska (Diptera: Simuliidae) - B. V. Peterson [\$10]

No. 70 (mailed 25 June 1970): Models for the development and survival of *Hyphantria cunea* in relation to temperature and humidity - R. F. Morris and W. C. Fulton [\$8]

No. 71 (mailed 16 October 1970): Taxonomy and distribution of the European corn borer and allied species: Genus *Ostrinia* (Lepidoptera: Pyralidae) - Akira Mutuura and Eugene Munroe [\$10]

No. 72 (mailed 27 July 1970): A catalogue of types of Coleoptera in the Canadian National Collection of Insects - Raymond de Ruelle [\$10]

No. 73 (mailed 25 November 1970): A generic revision of the North American Heliethidinae (Lepidoptera: Noctuidae) - D. F. Hardwick [\$8]

No. 74 (mailed 25 November 1970): Revision of the subfamily Midilinae (Lepidoptera: Pyralidae) - Eugene Munroe [\$10]

No. 75 (mailed 19 April 1971): A revision of the Trogositidae of America north of Mexico (Coleoptera: Cleroidea) - J. R. Barron [\$10]

No. 76 (mailed 31 December 1970): Morphology and evolution of the insect thorax - Ryuichi Matsuda [\$25]

No. 77 (mailed 23 March 1971): The biology and dynamics of *Lithocolletis blancardella* (Lepidoptera: Gracillariidae) on apple in Quebec - R. P. Pottinger and E. J. LeRoux [\$15]

No. 78 (mailed 25 May 1971): Pest insects of annual crop plants in Canada. I. Lepidoptera. II. Diptera. III. Coleoptera - Bryan P. Beirne [\$10]

No. 79 (mailed 20 August 1971): Revision of the tribe Quediini of America north of Mexico (Coleoptera: Staphylinidae) - Ales Smetana [\$15]

No. 80 (mailed 22 September 1971): A synopsis of the World fauna of the Saltusaphidinae, or sedge aphids (Homoptera: Aphididae) - W. R. Richards [\$10]

No. 81 (mailed 30 November 1971): A revision of the Alleculidae (Coleoptera) of the West Indies - J. M. Campbell [\$10]

No. 82 (mailed 3 December 1971): A monograph of the Western Hemisphere bumblebees (Hymenoptera: Apidae; Bombinae). I. The genera *Bombus* and *Megabombus* subgenus *Bombias* - H. E. Milliron [o/s]

- No. 83 (mailed 3 December 1971): Review of *Lygocoris* species found in Canada and Alaska (Heteroptera: Miridae) - Leonard A. Kelton [\$10]
- No. 84 (mailed 29 February 1972): A revision of the Nearctic Amaurobiidae (Arachnida: Araneida) - Robin Leech [o/s]
- No. 85 (mailed 7 April 1972): Pest insects of annual crop plants in Canada. IV. Hemiptera-Homoptera. V. Orthoptera. VI. Other groups - Bryan P. Beirne [\$10]
- No. 86 (mailed 21 September 1972): Guide to the Geometridae of Canada (Lepidoptera). II. Subfamily Ennominae. 1 - W. C. McGuffin [o/s]
- No. 87 (mailed 21 September 1972): The Chaitophorinae of Canada (Homoptera: Aphididae) - W. R. Richards [\$10]
- No. 88 (mailed 21 December 1972): Larval sketches of some Microlepidoptera, chiefly North American - Margaret Rae MacKay [o/s]
- No. 89 (mailed 15 February 1972): A monograph of the Western Hemisphere bumblebees (Hymenoptera: Apidae; Bombinae). II. The genus *Megabombus* subgenus *Megabombus* - H. E. Milliron [o/s]
- No. 90 (mailed 7 March 1973): A revision of the genus *Tachinus* (Coleoptera: Staphylinidae) of North and Central America - J. M. Campbell [o/s]
- No. 91 (mailed 19 December 1973): A monograph of the Western Hemisphere bumblebees (Hymenoptera: Apidae; Bombinae). III. The genus *Pyrobombus* subgenus *Cullumano-bombus* - H. E. Milliron [\$10]
- No. 92 (mailed 23 April 1974): The systematics, phylogeny, and zoogeography of *Symmerus* Walker and *Australosymmerus* Freeman (Diptera: Mycetophilidae: Ditomyiinae) - Donald Douglas Munroe [\$10]
- No. 93 (mailed 30 May 1974): Revision of the genus *Cymbiodyta* Bed. (Coleoptera: Hydrophilidae)- Ales Smetana [\$10]
- No. 94 (mailed 13 June 1975): The cephalic structures and spiracles of final-instar larvae of the subfamily Campopleginae, tribe Campoplegini (Hymenoptera: Ichneumonidae) - Thelma Finlayson [\$10]
- No. 95 (mailed 18 July 1975): The lygus bugs (genus *Lygus* Hahn) of North America (Heteroptera: Miridae) - Leonard A. Kelton [\$10]
- No. 96 (mailed 4 December 1975): Revision of the genera *Paraphlepsius* Baker and *Pendarus* Ball (Rhynchota: Homoptera: Cicadellidae) - K. G. A. Hamilton [\$10]
- No. 97 (mailed 14 June 1976): Revisionary notes and keys to World genera of Scelionidae (Hymenoptera: Proctotrupoidea) - Lubomir Masner [o/s]
- No. 98 (mailed 12 October 1976): A study of the systematics of the water mite family Pionidae (Prostigmata: Parasitengona)- Ian M. Smith [\$15]
- No. 99 (mailed 6 October 1976): A revision of the genus *Sepedophilus* Gistel (Coleoptera: Staphylinidae) of America north of Mexico - J. M. Campbell [\$10]

- No. 100 (mailed 6 December 1976): Diptera larvae associated with trees in North America - H. J. Teskey [\$8]
- No. 101 (mailed 22 July 1977): Guide to the Geometridae of Canada (Lepidoptera). II. Subfamily Ennominae. 2. - W. C. McGuffin [\$10]
- No. 102 (mailed 29 September 1977): A revision of the Nearctic species of *Orthocladius* (Orthocladius) van der Wulp (Diptera: Chironomidae) - Annelle R. Soponis [\$10]
- No. 103 (mailed 3 November 1977): A revised classification of the Piophilidae, including 'Neottiophilidae' and 'Thyreophoridae' (Diptera: Schizophora) - J. F. McAlpine [\$8]
- No. 104 (mailed 19 April 1978): Feeding and mating in the insectivorous Ceratopogoninae (Diptera) - J. A. Downes [o/s]
- No. 105 (mailed 3 April 1978): Revision of the subfamily Sphaeridiinae of America north of Mexico (Coleoptera: Hydrophilidae) - Ales Smetana [o/s]
- No. 106 (mailed 19 April 1978): A revision of the North American Omaliinae (Coleoptera: Staphylinidae). 1. The genera *Haida* Keen, *Pseudohaida* Hatch, and *Eudectoides* new genus. 2. The tribe Coryphiini - J. M. Campbell [\$10]
- No. 107 (mailed 31 May 1979): The Nepticulidae (Lepidoptera) of Canada - Christopher Wilkinson and J. M. Scoble. 129 pp. [\$10]
- No. 108 (mailed 12 April 1979): Canada and its insect fauna - H. V. Danks, *Editor*. 573 pp. [\$15]
- No. 109 (mailed 25 September 1979): A revision of the genus *Tachyporus* Gravenhorst (Coleoptera: Staphylinidae) of North and Central America - J. M. Campbell. 95 pp. [\$8]
- No. 110 (issued 20 February 1980): Spruce budworm (Lepidoptera: Tortricidae) moth flight and dispersal: New understanding from canopy observations, radar, and aircraft - D. O. Greenbank, G. W. Schaefer, and R. C. Rainey, F.R.S. 49 pp. [\$8]
- No. 111 (issued 16 July 1980): Revision of the genus *Hydrochara* Berth. (Coleoptera: Hydrophilidae) - Ales Smetana. 100 pp. [\$8]
- No. 112 (issued 16 July 1980): A revision of the systematics of *Acalymma sensu stricto* Barber (Coleoptera: Chrysomelidae) from North America including Mexico - D. D. Munroe and Ray F. Smith [\$8]
- No. 113 (issued 18 June 1980): Key to the genera of Scelionidae of the Holarctic Region, with descriptions of new genera and species (Hymenoptera: Proctotrupeoidea) - Lubomir Masner. 54 pp. [\$8]
- No. 114 (issued 17 September 1980): A revision of the genus *Macrophya* Dahlbom (Hymenoptera: Symphyta, Tenthredinidae) of North America - Gary A. P. Gibson. 167 pp. [\$10]
- No. 115 (issued 3 June 1981): The polyphyletic nature of *Apanteles* Foerster (Hymenoptera: Braconidae): A phylogeny and reclassification of Microgastrinae - W. R. M. Mason. 147 pp. [\$10]
- No. 116 (issued 24 August 1981): Revision des Trichoptères Canadiens. 1. La famille des Rhyacophilidae (Annulipalpia) - F. Schmid. 83 pp. [o/s]

- No. 117 (issued 25 September 1981): Guide to the Geometridae of Canada (Lepidoptera). II Subfamily Ennominae. 3 - W. C. McGuffin. 153 pp. [\$10]
- No. 118 (issued 24 November 1981): Taxonomic monograph of the genus *Pityophthorus* Eichhoff in North and Central America (Coleoptera: Scolytidae) - D. E. Bright. 380 pp. [\$15]
- No. 119 (issued 30 March 1982): A revision of the genus *Lordithon* Thomson of North and Central America (Coleoptera: Staphylinidae) - J. M. Campbell. 116 pp. [\$10]
- No. 120 (issued 14 June 1982): Revision of the subfamily Xantholininae of America north of Mexico (Coleoptera: Staphylinidae) - Ales Smetana. 389 pp. [\$20]
- No. 121 (issued 22 August 1982): La famille des Xiphocentronides (Trichoptera: Annulipalpia) - F. Schmid. 127 pp. [o/s]
- No. 122 (issued 22 August 1982): Revision des Trichoptères Canadiens. II. Les Glossosomatidae et Philopotamidae (Annulipalpia) - F. Schmid. 76 pp. [o/s]
- No. 123 (issued 9 June 1983): Revision of the Macropsini and Neopsini of the New-World (Rhynchota: Homoptera: Cicadellidae), with notes on intersex morphology - K. G. A. Hamilton. 223 pp. [\$15]
- No. 124 (issued 15 September 1983): Classification of final-instar larvae of the Ichneumonidae (Hymenoptera: Ichneumonidae) - David R. Gillespie and Thelma Finlayson. 81 pp. [\$10]
- No. 125 (issued 24 November 1983): Revision des Trichoptères Canadiens. III. Les Hyalopsychidae, Psychomyiidae, Goeridae, Brachycentridae, Sericostomatidae, Helicopsychidae, Beraeidae, Odontoceridae, Calamoceratidae et Molannidae - F. Schmid. 116 pp. [\$10]
- No. 126 (issued 28 December 1983): A catalogue of the eggs of some Canadian Geometridae (Lepidoptera), with comments - E. H. Salkeld. 262 pp. [\$15]
- No. 127 (issued 24 April 1984): A catalogue of the eggs of some Canadian Noctuidae (Lepidoptera) - E. H. Salkeld. 167 pp. [\$10]
- No. 128 (issued 24 April 1984): The systematics and phylogeny of the *Stenochironomus* complex (*Xestochironomus*, *Harrisius*, and *Stenochironomus*) (Diptera: Chironomidae) - Art Borkent 269 pp. [\$15]
- No. 129 (issued 2 October 1984): A revision of the genus *Aleochara* Gravenhorst of America north of Mexico (Coleoptera: Staphylinidae, Aleocharinae) - Jan Klimaszewski. 211 pp. [\$15]
- No. 130 (issued 11 March 1985): The fleas of Canada, Alaska and Greenland (Siphonaptera) - George P. Holland. 630 pp. [o/s]
- No. 131 (issued 9 September 1985): Revision of the subfamily Helophorinae of the Nearctic Region (Coleoptera: Hydrophilidae) - Ales Smetana. 154 pp. [o/s]
- No. 132 (issued December 1985): A taxonomic conspectus of the Blondeliini of North and Central America and the West Indies (Diptera: Tachinidae) - D. M. Wood. 130 pp. [o/s]
- No. 133 (issued 14 April 1986): A taxonomic monograph of the Nearctic galerucine genus *Ophraella* Wilcox (Coleoptera: Chrysomelidae) - Laurent LeSage. 75 pp. [\$8]



- No. 134 (issued 28 May 1986): An annotated list of and keys to the immature black flies of Alberta (Diptera: Simuliidae) - D. C. Currie. 90 pp. [\$10]
- No. 135 (issued 23 December 1986): The genera and species of the Nearctic Dolerini (Symphyta: Tenthredinidae: Selandriinae): Classification and phylogeny - Henri Goulet. 208 pp. [\$10]
- No. 136 (issued 30 December 1986): The world genera of Tarsonemidae (Acari: Heterostigmata): A morphological, phylogenetic and systematic revision, with a reclassification of family-group taxa in the Heterostigmata - Evert E. Lindquist. 517 pp. [\$30]
- No. 137 (issued 19 June 1987): Primary types of Ichneumonidae (Hymenoptera) in the Canadian National Collection - Michael J. Sarazin. 123 pp. [\$10]
- No. 138 (issued 18 September 1987): Guide to the Geometridae of Canada (Lepidoptera). II. Subfamily Ennominae. 4. - W. C. McGuffin. 182 pp. [\$15]
- No. 139 (issued 30 December 1987): Catalogue of the Oribatida (Acari) of continental United States and Canada - Valin G. Marshall, R. Marcel Reeves, and Roy A. Norton. 418 pp. [\$18]
- No. 140 (issued December 1987): Aquatic insects of peatlands and marshes in Canada - David M. Rosenberg and Hugh V. Danks, *Editors*. 174 pp. [\$15]
- No. 141 (issued 21 September 1988): The species groups of *Gonatocerus* Nees in North America with a revision of the *sulphuripes* and *ater* groups (Hymenoptera: Mymaridae) - John T. Huber. 109 pp. [\$10]
- No. 142 (issued 21 September 1988): Review of the family Hydrophilidae of Canada and Alaska (Coleoptera) - Ales Smetana. 316 pp. [\$20]
- No. 143 (issued 8 November 1988): Modelling in support of resource management - Wilfred R. Cuff, *Editor*. 59 pp. [\$8]
- No. 144 (issued 15 December 1988): Origins of the North American insect fauna - J.A. Downes and D.H. Kavanaugh, *Editors*. 168 pp. [\$15]
- No. 145 (issued 8 November 1988): Guide to the Geometridae of Canada (Lepidoptera). III, IV, and V. Subfamilies Archiearinae, Oenochrominae, and Geometrinae - W. C. McGuffin. 56 pp. [\$8]
- No. 146 (issued December 1988): Paths from a viewpoint: the Wellington festschrift on insect ecology - T. S. Sahota and C. S. Holling, *Editors*. 213 pp. [\$18]
- No. 147 (issued 31 August 1989): World review and keys to genera of the subfamily Inostemmatinae with reassignment of the taxa to the Platygastriinae and Sceliotrachelinae (Hymenoptera: Platygastriidae) - Lubomir Masner and Lars Huggert. 214 pp. [\$18]
- No. 148 (issued 2 November 1989): Classification and evolution of the eumenine wasp genus *Symmorphus* Wesmael (Hymenoptera: Vespidae) - Jeffrey M. Cumming. 168 pp. [\$14]
- No. 149 (issued 2 November 1989): Phylogeny and classification of Eupelmidae, with a revision of the world genera of Calosotinae and Metapelmatinae (Hymenoptera: Chalcidoidea) - Gary A. P. Gibson. 121 pp. [\$10]
- No. 150 (issued 2 November 1989): A revision of the genus *Hoplandria* Kraatz of America north of Mexico (Coleoptera: Staphylinidae, Aleocharinae) - Francois Genier. 59 pp. [\$8]

- No. 151 (issued 11 June 1990): Guide to the Geometridae of Canada (Lepidoptera). VI. Subfamily Larentiinae. 1. Revision of the genus *Eupithecia* - K. B. Bolte. 253 pp. [o/s]
- No. 152 (issued 26 September 1990): The systematics and taxonomy of final-instar larvae of the family Aphidiidae (Hymenoptera) - Thelma Finlayson. 74 pp. [\$8]
- No. 153 (issued 1 November 1990): Inundative release of the egg parasitoid, *Trichogramma minutum* (Hymenoptera: Trichogrammatidae), against forest insect pests such as the spruce budworm, *Choristoneura fumiferana* (Lepidoptera: Tortricidae): The Ontario Project 1982-1986 - S. M. Smith, J. R. Carrow, and J. E. Laing, *Editors*. 87 pp. [\$10]
- No. 154 (issued 15 May 1991): Natural history, classification, reconstructed phylogeny, and geographic history of *Pytho* Latreille (Coleoptera: Heteromera: Pythidae) - Darren A. Pollock. 104 pp. [\$10]
- No. 155 (issued 24 June 1991): Arthropods of springs, with particular reference to Canada - D. D. Williams and H. V. Danks, *Editors*. 217 pp. [\$18]
- No. 156 (issued 30 September 1991): A revision of the genera *Mycetoporus* Mannerheim and *Ischnosoma* Stephens (Coleoptera: Staphylinidae: Tachyporinae) of North and Central America - J. M. Campbell. 169 pp. [\$15]
- No. 157 (issued 22 November 1991): Classification, reconstructed phylogeny, and geographic history of the New World members of *Plateumaris* Thomson, 1859 (Coleoptera: Chrysomelidae: Donaciinae) - I. S. Askevold. 173 pp. [\$16]
- No. 158 (issued 22 November 1991): The Lepidoptera of Bermuda: Their food plants, biogeography, and means of dispersal - D. C. Ferguson, D. J. Hilburn, and B. Wright. 105 pp. [\$10]
- No. 159 (issued 22 November 1991): Symposium on the role of plant-derived substances for insect control - J. T. Arnason and B. J. R. Philogene, *Editors*. 47 pp. [\$8]
- No. 160 (issued 31 December 1991): Systematics of Nearctic Scythrididae (Lepidoptera: Gelechioidea): Phylogeny and classification of supraspecific taxa, with a review of described species - J. F. Landry. 341 pp. [\$25]
- No. 161 (issued 15 July 1992): A revision of the New World and Pacific *Phthitia* Enderlein (Diptera; Sphaeroceridae; Limosininae), including *Kimosina* Rohlf, new synonym and *Aubertinla* Richards, new synonym - S. A. Marshall and I. P. Smith. 83 pp. [\$10]
- No. 162 (issued 15 July 1992): Review of the New World eyeless weevils with uncinatae tibiae (Coleoptera: Curculionidae; Molytinae, Cryptorhynchinae, Cossoninae) - A. T. Howden. 76 pp. [\$10]
- No. 163 (issued November 1992): Description of *Parabrochymena* new genus, and redefinition and review of *Brochymena* Amyot and Audinet-Serville (Hemiptera: Pentatomidae), with considerations on natural history, chorological affinities, and evolutionary relationships - M. C. Larivière. 75 pp. [\$10]
- No. 164 (issued November 1992): Generic revision of Phoridae of the Nearctic Region and phylogenetic classification of Phoridae, Sciadoceridae, and Ironomyiidae (Diptera: Phoridae) - B. V. Brown. 144 pp. [\$10]
- No. 165 (issued 21 June 1993): Systematics and entomology: Diversity, distribution, adaptation, and application - G. E. Ball and H.V. Danks, *Editors*. 272 pp. [\$24]

No. 166 (issued 29 July 1993): A revision of the genera *Bryoporus* Kraatz and *Bryophasis* Reitter and two new related genera from America north of Mexico (Coleoptera: Staphylinidae: Tachyporinae) - J. M. Campbell. 85 pp. [\$10]

No. 167 (issued 29 November 1993): Catalogue of the Geadephaga (Coleoptera: Trachypachidae, Rhysodidae, Carabidae including Cicindelini) of America north of Mexico - Y. Bousquet and A. Laroche. 397 pp. [\$32]

No. 168 (issued 30 December 1993): Eremaeidae (Acari: Oribatida) of North America - V. M. Behan-Pelletier. 194 pp. [\$18]

No. 169 (issued December 1994): Terrestrial arthropods of peatlands, with particular reference to Canada - A. T. Finnamore and S. A. Marshall, *Editors*. 289 pp. [\$30]

No. 170 (issued November 1996): A revision of the neotropical genus *Ontherus* Erichson (Coleoptera: Scarabeidae, Scarabaeinae) - F. Genier. 169 pp. [o/s]

No. 171 (issued November 1997): Microbial control of grasshoppers and locusts - M. S. Goettel and D. L. Johnson, *Editors*. 400 pp. [\$25]

---

Several Memoirs are in very short supply; a few are out-of-stock [o/s].

Il y a peu de quelques Mémoires; des autres sont épuisés [o/s].

Prices as listed do not include shipping and are in Canadian dollars for addresses within Canada, US dollars for addresses outside Canada.

Les frais de transport ne sont pas inclus: payer en \$ Canadiens pour les adresses au Canada; \$ É-U pour les adresses hors du Canada.