

## Invertebrate Zoology: Selected Publications

### 2010

**Cobb, T.P.**, Hannam, K.D., Kishchuk, B.E., Langor, D.W., Quideau, S.A. and Spence, J.R. 2010. Wood-feeding beetles and soil nutrient cycling: implications of postfire salvage logging. *Agricultural and Forest Entomology* 12: 9-18.

### 2009

**Walter, D.E.** 2009. Genera of Gymnodamaeidae (Acari: Oribatida: Plateremaeoidea) of Canada, with notes on some nomenclatorial problems. *Zootaxa* 2206: 23-44.

Krantz, G.W. and **Walter, D.E.** (Eds.). 2009. *A Manual of Acarology 3rd Edition*. Texas Tech University Press. 704 pages; 338 b/w illustrations; 60 figures ISBN 978-0-89672-620-8.

Behan-Pelletier, V.M., and **Walter, D.E.** 2009. Unduloribates from North America (Acari, Oribatida, Unduloribatidae). *Zootaxa* 2294: 47-61.

**Heule, P.** 2009. *Bugs vs. Humans*. Blue Bike Books, Alberta. 240 pages; ISBN 978-1-897278-37-6.

**Buck, M.**, Woodley, N.E., Borkent, A., Wood, D.M., Pape, T., Vockeroth, J.R., Michelsen, V. and Marshall, S.A.. 2009. Chapter 6. Key to Diptera families – adults. In: Brown, B.V.; A. Borkent, D.M. Wood, and M. Zumbado (Eds): *Manual of Central American Diptera*, Vol. 1: 95-145.

**Buck, M.** and Marshall, S.A. 2009. Revision of New World Leptocera Olivier (Diptera, Sphaeroceridae). *Zootaxa* 2039: 139 pp.

### 2008

Langor, D.W., Hammond, H.E.J., Spence, J.R., Jacobs, J.M., and **Cobb, T.P.** 2008. Saproxylous insect assemblages in Canadian forests: diversity, ecology and conservation. *Canadian Entomologist* 140: 453-474.

Phillips, I.D., **Cobb, T.P.** and Spence, J.R. 2008. Salvage logging and edge effects on pill beetle abundance (Coleoptera: Byrrhidae). *Colleopterist's Bulletin* 62(2): 324-327.

Beaulieu, F., Déchêne A.D. and **Walter, D.E.** 2008. Phase morphs and phoresy: New species of *Antennoseius* (Vitzthumia) mites (Acari: Mesostigmata: Ascidae) associated with pyrophilous carabids (Carabidae: *Sericoda* spp.) in Alberta, Canada. *Zootaxa* 1961: 37–57.

**Buck, M.**, Marshall, S.A. and Cheung, D.K.B. 2008. Identification atlas of the Vespidae (Hymenoptera, Aculeata) of the northeastern Nearctic region. *Canadian Journal of Arthropod Identification* 5: 492 pp. (PDF version).

### 2007

**Cobb, T.P.**, D.W. Langor, and J.R. Spence. 2007. Biodiversity and the cumulative effects of disturbance: boreal forest ground beetle (Coleoptera: Carabidae) responses to wildfire, harvesting and herbicide treatment. *Canadian Journal of Forest Research* 37: 1310-1333.

**Walter, D.E.** and Winterton, S. 2007. Keys and the Crisis in Taxonomy: Extinction or Reinvention? *Annual Review of Entomology* 52: 193-208.

Behan-Pelletier, V. and **Walter D.E.** 2007. *Phylleremus* n. gen., from leaves of deciduous trees in eastern Australia (Oribatida: Licneremaeoidea). *Zootaxa* 1387: 1-17.

**Buck, M.** 2007. Review of the Canadian species of *Hoplisoides* Gribodo (Hymenoptera, Crabronidae), with revisionary notes on the placidus species group. *Journal of the Entomological Society of Ontario* 137 [2006]: 63-79.

**Buck, M.** and Marshall, S.A. 2007. *Enigmocarnus chloropiformis* gen. et sp. nov., and the parallel evolution of protandrial symmetry in Carnidae (Diptera). *Annals of the Entomological Society of America* 100: 9-18.

## 2006

Phillips, I.D., **T.P. Cobb**, J.R. Spence, and R.M. Brigham. 2006. Salvage logging, edge effects and carabid beetles: connections to conservation and sustainable forest management. *Environmental Entomology* 35:950-957

Koivula, M.J., **T.P. Cobb**, A.D. Déchêne, J. Jacobs, and J.R. Spence. 2006. Two *Sericoda* Kirby, 1837 (Coleoptera: Carabidae) species in the boreal mixed-wood post-fire environment. *Entomologica Fennica* 17:315-324

**Buck, M.** and Marshall, S.A. 2006. Revision of the Neotropical family Inbiomyiidae (Diptera, Schizophora). *Contributions in Science* 512: 30 pp.

**Buck, M.** 2006. A new family and genus of acalypterate flies from the Neotropical Region, with a phylogenetic analysis of Carnoidea family relationships (Diptera, Schizophora). *Systematic Entomology* 31: 377-404.

**Buck, M.** and Marshall, S.A. 2006. Revision of New World *Loxocera* (Diptera, Psilidae), with phylogenetic redefinition of Holarctic subgenera and species groups. *European Journal of Entomology* 103: 193-219.

**Buck, M.** and Marshall, S.A. 2006 The identity of *Pseudopsila*, description of a new subgenus of *Psila*, and redefinition of *Psila* sensu lato (Diptera, Psilidae). *European Journal of Entomology* 103: 183-192.

## 2005

Phillips, I.D. and **T.P. Cobb**. 2005. Effects of habitat structure and lid transparency on pitfall catches. *Environmental Entomology* 34:875-882.

Langor, D.W., J.R. Spence, H.E.J. Hammond, J.M. Jacobs and **T.P. Cobb**. 2005. Maintaining saproxylic insects in extensively managed boreal forests: the Canadian experience. In: Hanula, J. and S. Grove (eds.) *Insect Biodiversity and Dead Wood: Proceedings of a Symposium for the 22<sup>nd</sup> International Congress of Entomology*,.. USDA Forest Service, General Technical Report SRS-93.

Murrell, A., Dobson S.J., **Walter D.E.**, Campbell N.J.H., Shao R. and Barker, S. 2005. Relationships among the three major lineages of the Acari (Arthropoda: Arachnida) inferred from small subunit rRNA: Paraphyly of the Parasitiformes with respect to the Opilioacariformes and relative rates of nucleotide substitution. *Invertebrate Systematics* 19: 383-389.

## 2004

Strecker, A., **T.P. Cobb**, and R.D. Vinebrooke. 2004. Effects of experimental greenhouse warming on phytoplankton and zooplankton communities in fishless alpine ponds. *Limnology and Oceanography* 49:1182-1190.

**Walter, D.E.** and Shaw, M. 2004. Mites and Disease. pp. 25-44 In: *Biology of Disease Vectors (2nd Edition)* WC. Marquardt (Ed). Elsevier: NY. ISBN-13: 978-0124732766

**Walter, D.E.** 2004. Hidden in plain sight: Mites in the canopy. pp. 224-241 In: MD Lowman & HB Rinker (Eds) *Forest Canopies (2<sup>nd</sup> Edition)*. Elsevier Academic Press. ISBN-13: 978-0124575530

**Buck, M.** 2004. An annotated checklist of the spheciform wasps of Ontario (Hymenoptera: Ampulicidae, Sphecidae and Crabronidae). *Journal of the Entomological Society of Ontario* 134 [2003]: 19-84.

## Prior to 2004

Morissette, J.L., **T.P. Cobb**, R.M. Brigham, and P.C. James. 2002. The response of boreal songbird communities to fire and post-fire harvesting. *Canadian Journal of Forest Research* 32:2169-2183.

**Walter, D.E.** and Proctor H.C. 2001. Mites in Soil, An interactive key to mites and other soil microarthropods. ABRS Identification Series. CSIRO Publishing, Collingwood, Victoria. publishing.sales@csiro.au ([www.publish.csiro.au](http://www.publish.csiro.au)) ISBN 0 643 06790 6

Behan-Pelletier, V. and **Walter D.E.** 2000. Biodiversity of oribatid mites (Acari: Oribatida) in Tree Canopies and Litter. In: Coleman, D.C. and Hendrix, P. *Invertebrates as Webmasters in Ecosystems*. CABI, Wallingford. pp. 187-202. ISBN 0 85199 394 X.

**Walter, D.E.** & Proctor, H.C. 1999. *Mites: Ecology, Evolution and Behaviour*. University of NSW Press, Sydney and CABI, Wallingford. ISBN 0 86840 529 9

**Finnamore, A. T.** 1996. The Aculeate Wasps with the Exception of the Formicidae (Hymenoptera: Chrysidoidea, Vespoidea, Apoidea: Spheciformes) of the McIntyre Ranch in the Grasslands of Southern Alberta. In: *A Bioinventory of McIntyre Ranch: An Extensive Fescue-Dominated Grassland in Southern Alberta*, edited by W. B. McGillivray and M. Steinhilber, pp. 65-80. Natural History Occasional Paper No. 22. Royal Alberta Museum, Edmonton.

**Thormin, T.** 1996. Butterflies (Lepidoptera) of McIntyre Ranch. In: *A Bioinventory of McIntyre Ranch: An Extensive Fescue-Dominated Grassland in Southern Alberta*, edited by W. B. McGillivray and M. Steinhilber, pp. 81-84. Natural History Occasional Paper No. 22. Royal Alberta Museum, Edmonton.

Bird, C. D., G. J. Hilchie, N. G. Kondla, E. M. Pike, and F. A. H. Sperling. 1995. *Alberta Butterflies*. Royal Alberta Museum, Edmonton. 349 pp

**Finnamore, A. T.** 1995. Biodiversity and anthropogenic change: the transformation of grassland ecosystems in Canada. In: *Climate, Landscape and Vegetation Change in the Canadian Prairie Provinces Proceedings*, compiled by I. D. Campbell, C. Campbell, D. Lemmen, and R. E. Vance, pp. 35-44.

**Finnamore, A. T.** 1995. Revision of the world genera of the subtribe Stigmina (Hymenoptera: Apoidea: Sphecidae: Pemphredoninae), Part 1. *Journal of Hymenoptera Research* 4:204-284.

**Finnamore, A. T.** 1995. Revision of the world genera of the subtribe Stigmina (Hymenoptera: Apoidea: Sphecidae: Pemphredoninae), Part 1. *Journal of Hymenoptera Research* 4:204-284.

**Finnamore, A. T.**, and I. D. Gould. 1995. Bethylidae. In: *The Hymenoptera of Costa Rica*, edited by P. E. Hanson and I. D. Gould, pp. 470-479. Oxford University Press, New York. 893 pp.

**Finnamore, A. T.**, and P. E. Hanson. 1995. Scoliidæ. In: *The Hymenoptera of Costa Rica*, edited by P. E. Hanson and I. D. Gould, pp. 555-560. Oxford University Press, New York. 893 pp.

**Finnamore, A. T.** 1994. Hymenoptera of the Wagner Natural Area, a boreal spring fen in central Alberta. In: *Terrestrial arthropods of peatlands, with particular reference to Canada*, edited by A. T. Finnamore and S. A. Marshall, pp. 181-220. *Memoirs of the Entomological Society of Canada* 169. 289 pp.

**Finnamore, A. T.**, and S. A. Marshall, editors. 1994. *Terrestrial arthropods of peatlands, with particular reference to Canada. Memoirs of the Entomological Society of Canada* 169. 289 pp.

Marshall, S. A., and **A. T. Finnamore**. 1994 Peatland arthropods introduction. In *Terrestrial arthropods of peatlands, with particular reference to Canada*, edited by A. T. Finnamore and S.A. Marshall, pp. 3-5. *Memoirs of the Entomological Society of Canada* 169. 289 pp.

Brothers, D. J., and **A. T. Finnamore** 1993 Superfamily Vespoidea. In: *Hymenoptera of the world: an identification guide to families*, edited by H. Goulet and J. T. Huber (editors), pp. 161-278. Agriculture Canada Publication 1894/E, Ottawa. 668 pp.

**Finnamore, A. T.**, and C. D. Michener. 1993. Superfamily Apoidea. In: *Hymenoptera of the world: an identification guide to families*, edited by H. Goulet and J. T. Huber (editors), pp. 279-357. Agriculture Canada Publication 1894/E, Ottawa. 668 pp.

**Finnamore, A. T.**, and D. J. Brothers. 1993. Superfamily Chrysoidea. In: *Hymenoptera of the world: an identification guide to families*, edited by H. Goulet and J. T. Huber, pp. 130-160. Agriculture Canada Publication 1894/E, Ottawa. 668 pp.

**Finnamore, A. T.** 1992. Arid grasslands - biodiversity, human society, and climate change. Quantifying biotic responses associated with anthropogenic change, a prerequisite for interpreting biotic shifts in long-term climate change research. *Canadian Biodiversity* 2:15-23.

**Finnamore, A. T.** 1991. The Science of Butterflies. In: *Flying Colours: Design on the Wing*, by R. Chelmick, pp. 73-77. Lone Pine Publishing, Edmonton. 80 pp.

**Finnamore, A. T.** 1990. Aculeate wasps (Hymenoptera) (with the exception of the Formicidae) of Andrew Lake. In: *Natural History of the Andrew Lake Region, Northeastern Alberta*, edited by W. B. McGillivray and R.I. Hastings, pp. 33-46. Natural History Occasional Paper 12. Royal Alberta Museum, Edmonton. (\$9.95 Can.) [Available through the [Museum Shop](#)]

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**Finnamore, A. T.** 1989 Collection of Hymenoptera at the Provincial Museum of Alberta. *Chalcid Forum* 12:9.

**Finnamore, A. T.** 1988. A new species of Crabro from arctic Yukon (Hymenoptera: Sphecoidea: Crabronidae). *The Canadian Entomologist* 120:859-865.

**Finnamore, A. T.** 1988. Peatland Hymenoptera of Bistcho Lake, Alberta: a faunal comparison of a subarctic peatland to a mid-boreal continental peatland in Alberta. In: *Natural History of the Bistcho Lake Region, Northwest Alberta*, edited by W. B. McGillivray and R. I. Hastings, pp. 39-68. Natural History Occasional Paper 10. Royal Alberta Museum, Edmonton.

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**Finnamore, A. T.** 1987. Aculeate wasps in the collection of the Provincial Museum of Alberta. *Sphecos* 14:40-41.

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**Finnamore, A. T.** 1983. Revision of the American species of *Mimesa* (Hymenoptera: Pemphredonidae: Pseninae). *Lyman Entomological Museum and Research Laboratory Memoir* 12:1-171.

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**Finnamore, A. T.** 1980. New species of *Mimesa* from North America (Hymenoptera: Pemphredonidae: Psenini). *The Canadian Entomologist* 112:293-300.

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**Finnamore, A. T.**, and M. E. Neary. 1978. Blueberry pollinators of Nova Scotia, with a checklist of the blueberry pollinators in eastern Canada and the northeastern United States. *Annales de la Société Entomologique du Québec* 23:168-181.