

Matthias Buck: Selected Publications

- Buck, M.** 2010a. Chapter 56. Neriidae. In Brown, B.V., Borkent, A., Cumming, J.M., Wood, D.M., Woodley, N.E. & Zumbado, M.A. (Eds): *Manual of Central American Diptera*, Vol. 2: 815-819. NRC Research Press, Ottawa.
- Buck, M.** 2010b. Chapter 60. Psilidae. In Brown, B.V., Borkent, A., Cumming, J.M., Wood, D.M., Woodley, N.E. & Zumbado, M.A. (Eds): *Manual of Central American Diptera*, Vol. 2: 837-842. NRC Research Press, Ottawa.
- Buck, M.** 2010c. Chapter 87. Inbiomyiidae. In Brown, B.V., Borkent, A., Cumming, J.M., Wood, D.M., Woodley, N.E. & Zumbado, M.A. (Eds): *Manual of Central American Diptera*, Vol. 2: 1105-1108. NRC Research Press, Ottawa.
- Buck, M.** & McAlpine, D.K. 2010. Chapter 57. Pseudopomyzidae. In Brown, B.V., Borkent, A., Cumming, J.M., Wood, D.M., Woodley, N.E. & Zumbado, M.A. (Eds): *Manual of Central American Diptera*, Vol. 2: 821-825. NRC Research Press, Ottawa.
- Marshall, S.A. & **Buck, M.** 2010a. Chapter 61. Syringogastridae. In Brown, B.V., Borkent, A., Cumming, J.M., Wood, D.M., Woodley, N.E. & Zumbado, M.A. (Eds): *Manual of Central American Diptera*, Vol. 2: 843-846. NRC Research Press, Ottawa.
- Marshall, S.A. & **Buck, M.** 2010b. Chapter 95. Sphaeroceridae. In Brown, B.V., Borkent, A., Cumming, J.M., Wood, D.M., Woodley, N.E. & Zumbado, M.A. (Eds): *Manual of Central American Diptera*, Vol. 2: 1165-1187. NRC Research Press, Ottawa.
- 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.
- Marshall, S.A.; **Buck, M.**; Skevington, J.H. & Grimaldi, D. 2009. A revision of the family Syringogastridae (Diptera: Diopsoidea). *Zootaxa* 1996: 80 pp.
- 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).
- 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.
- Marshall, S.A.; **Buck, M.** & Lonsdale, O. 2007. *Lepidosina*, a new genus of New World Limosininae (Diptera, Sphaeroceridae). *European Journal of Entomology* 104: 573-599.
- 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.
- 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.
- Buck, M.** & Marshall, S.A. 2004. A review of the genus Longina Wiedemann, with descriptions of two new species (Diptera, Neriidae). *Studia Dipterologica* 11: 23-32.
- Roháček, J. & **Buck, M.** 2003. Chespiritos pervadens spec. nov. (Diptera, Sphaeroceridae), a remarkable species with disjunct Neotropical-Macaronesian distribution. *Studia Dipterologica* 10: 43-50.
- Buck, M.** & Marshall, S.A. 2002. A review of Ischiolepta Lioy (Diptera: Sphaeroceridae), including five new species and a key to New World species. *Studia Dipterologica* 9: 249-281.
- Buck, M.** & Disney, R.H.L. 2001. Revision of the Megaselia giraudii and M. densior species complexes of Europe, including ecological notes (Diptera, Phoridae). *Beiträge zur Entomologie* 51: 73-154.
- Buck, M.** 2001. Identification of females of European Conicera Meigen, with a discussion of certain features of the reproductive anatomy of female Phoridae (Diptera). *Deutsche Entomologische Zeitschrift* 48: 69-81.
- Brown, B.V. & **Buck, M.** 1998. Review of the genus Hypocera Lioy (Diptera: Phoridae). *Entomologica Scandinavica* 29: 47-56.
- Buck, M.** 1997. A new genus and species of Phoridae (Diptera) from Central Europe with remarkably primitive male genitalia. *Entomologica Scandinavica* 28: 351-359.