

Selected Publications: Doug Currie, Senior Curator of Entomology

- 2010 Bilewitch, J.P., K.A. Coates, D.C. Currie, and H.G. Trapido-Rosenthal. 2010. Molecular and morphological variation supports monotypy of the octocoral *Briareum* Blainville 1830 (Octocorallia: Alcyonacea) in the Western Atlantic. *Proceedings of the Biological Society of Washington* 123: 93-112.
- 2010 Conflitti, I., M.J. Kratochvil, G.F. Shields, and D.C. Currie. 2010. Good species behaving badly: non-monophyly of black fly sibling species in the *Simulium arcticum* complex (Diptera: Simuliidae). *Molecular Phylogenetics and Evolution* 57: 245-257.
- 2009 Pepinelli, M., N. Hamada, and D.C. Currie. " *Simulium (Inaequalium) marins*, a new species of black fly (Diptera: Simuliidae) from inselbergs in Brazil." *Memórias do Instituto Oswaldo Cruz*, 104: 728-735.
- 2009 Currie, D.C. and D.B. Hunter. "Simuliidae (black flies, bocones)." In *Manual of the Central American Diptera: Volume 1*, edited by B.V. Brown, A. Borkent, J.M. Cumming D.M. Wood, N.W. Woodley and M. Zumbado. NRC Research Press, Ottawa, pp 389-406.
- 2009 Rivera, J. and D.C. Currie. "Identification of Nearctic black flies using DNA Barcodes (Diptera: Simuliidae)." *Molecular Ecology Resources*, 9 (Suppl. 1): 224-236.
- 2008 Adler, P.H. and D.C. Currie. 2008. Simuliidae [Chapter 25]. Pp. 825-845 in Merritt, R.W., K.W. Cummins and M.B. Berg (eds.), *An introduction to the aquatic insects of North America*, 4th ed. Kendall/Hunt, Dubuque, Iowa. xvi +1158 pp. + 39 color plates.
- 2008 Wiggins, G.B. and D.C. Currie. 2008. Trichoptera Families [Chapter 17]. Pp. 439-480 in Merritt, R.W., K.W. Cummins and M.B. Berg (eds.), *An introduction to the aquatic insects of North America*, 4th ed. Kendall/Hunt, Dubuque, Iowa. xvi +1158 pp. + 39 color plates.
- 2008 Currie, D.C. and D.B. Hunter. "Black flies (Diptera: Simuliidae)." In *Parasitic Diseases of Wild Birds*, edited by C.N. Thomas and D.B. Hunter. Blackwell Publishing, pp 537-545.
- 2008 Currie, D.C. and P.H. Adler. "A global assessment of black flies (Diptera: Simuliidae) in freshwater." *Hydrobiologia*, 595: 469-475.
- 2006 Craig, D.A., D.C. Currie, F.F. Hunter, and M. Spironello. "A taxonomic revision of the southwestern pacific subgenus Hebridosimulium (Diptera: Simuliidae: Simulium)." *Zootaxa*, 1380: 1-90
- 2006 Rowe, L., K.P. Westlake, and D.C. Currie. "Functional significance of elaborate secondary sexual traits and their evolution in the water strider genus *Rheumatobates*." *The Canadian Entomologist*, 138: 568-577.
- 2006 Currie, D.C. "A preliminary assessment of subarctic black fly diversity (Diptera: Simuliidae) in western Northwest Territories." *Newsletter of the Biological Survey of Canada (Terrestrial Arthropods)*, 25: 18-21.

- 2006 Currie, D.C. "Barrenlands Entomology: a survival guide." *Bulletin of the Entomological Society of Canada*, 36: 12-14.
- 2005 Currie, D.C. "Fly Season." *Rotunda*, 38: 14-21.
- 2004 Adler, P.H., D.C. Currie, and D.M. Wood. "The black flies (Simuliidae) of North America." Cornell University Press. Ithaca, NY., Xv +941 pp. + 24 color plates.
- 2003 Craig, D.A., D.C. Currie, and P. Vernon. "*Crozetia* (Diptera: Simuliidae): redescription of *Cr. crozetensis*, *Cr. seguyi*, number of larval instars, phylogenetic relationships and historical biogeography." *Zootaxa*, 259: 1-39.
- 2003 Currie, D.C. and F.F. Hunter. "A new species of *Stegopterna* Enderlein, and its relationship to the allotriploid species *St. mutata* (Malloch, 1914) (Diptera: Simuliidae)." *Zootaxa*, 214: 1-11.
- 2003 Adler, P.H., C.L. Brockhouse, and D.C. Currie. "A new species of black fly (Diptera: Simuliidae) from Nova Scotia." *Proceedings of the Entomological Society of Washington*, 105: 9-12.
- 2002 Stuart, A.E. and D.C. Currie. "Behaviour is not reliably inferred from end-product structure in caddisflies." *Ethology*, 108: 837-856.
- 2002 Stuart, A.E. and D.C. Currie. "Behavioural homologies are recognized in leptocerine caddisflies (Trichoptera), even though end-product morphology is radically different." *Journal of the North American Benthological Society*, 21: 589-601.
- 2002 Stuart, A.E., F.F. Hunter, and D.C. Currie. "Using behavioural characters in phylogeny reconstruction." *Ethology, Ecology & Evolution*, 14: 129-139.