

Selected Publications: David Rudkin, Assistant Curator of Invertebrate Palaeontology

- 2011 Brandt, D.S. and D.M. Rudkin. "A curious Rusophycus (Arthropod Ichnofossil) Assemblage from the Upper Ordovician of Ontario, Canada." *Ichnos*, 18: 35-40.
- 2010 Rudkin, D.M. "Guess who's coming toward dinner?" *ROM Magazine*, 43(3): 13.
- 2010 Collette, J. and D.M. Rudkin. "Phyllocarid crustaceans from the Silurian Eramosa Lagerstätte (Ontario, Canada): taxonomy and functional morphology." *Journal of Paleontology*, 84:118-127.
- 2010 Vinther, J. and D.M. Rudkin. "The first articulated specimen of *Plumulites canadensis* (Woodward, 1889) from the Upper Ordovician of Ontario, with a review of the anterior region in Plumulitidae (Annelida: Machaeridia)." *Palaeontology*, 53:327-334.
- 2009 Rudkin, D.M. "Head down in the Paleozoic Sea." *ROM Magazine*, 42(1): 13.
- 2009 Rudkin, D.M. "The Mount Stephen Trilobite Beds." In *A Burgess Shale Primer - History, Geology, and Research Highlights*, edited by J.-B. Caron and D. Rudkin. The Burgess Shale Consortium, Toronto, pp 90-102.
- 2009 Rudkin, D.M. and G.A. Young. "Horseshoe Crabs - an ancient ancestry revealed." In *Biology and Conservation of Horseshoe Crabs*, edited by J. Tanacredi, M. Botton, and D. Smith. Springer, New York, pp 25-44.
- 2008 Rudkin, D.M., G.A. Young, and G.S. Nowlan. "The oldest horseshoe crab: a new xiphosurid from Late Ordovician Konservat-Lagerstätten deposits, Manitoba, Canada." *Palaeontology*, 51: 1-9.
- 2007 Young, G.A., D.M. Rudkin, E.P. Dobrzanski, S. Robson, and G.S. Nowlan. "Exceptionally preserved Late Ordovician biotas from Manitoba, Canada." *Geology*, 35: 883-886.
- 2007 Rudkin, D.M. "Explorations: Champlain Sea Shells by an Ancient Sea Shore." *ROM Magazine*, 40(2): 21.
- 2007 Rudkin, D.M. "Growing Collections: From Russia with Spines." *Rotunda*, 39(3): 9-11.
- 2007 Caron, J.-B., A. Scheltema, C. Schander, and D.M. Rudkin. "Correspondence – Reply to Butterfield on stem-group 'worms': fossil lophotrochozoans in the Burgess Shale." *BioEssays*, 29: 200-202.

- 2006/07 Caron, J.-B. and D.M. Rudkin. "On the trail of a phantom fossil." *Rotunda*, 39(2): 20-29.
- 2006/07 Rudkin, D.M. "PaleoScene: Cracking the Case." *Rotunda*, 39(2): 45-47.
- 2006 Rudkin, D.M. and M.E. Johnson (guest eds.). "Signatures of Rocky Shorelines in the Geological Record." *Canadian Journal of Earth Sciences Special Issue*, Vol. 43(8): 1119-1235.
- 2006 Caron, J.-B., A. Scheltema, C. Schander, and D.M. Rudkin. "A soft-bodied mollusc with radula from the Middle Cambrian Burgess Shale." *Nature*, 442: 159-163.
- 2006 Rudkin, D. M. "Explorations: Bouquet of sea lilies." *Rotunda*, 38(3): 6-7.
- 2005 Rudkin, D. M. "PaleoScene: Whorled View + What Colour is Your Nautiloid?" *Rotunda*, 38(2): 11-13.
- 2005 Rudkin, D. M. "Growing Collections: Palaeontological Potpourri." *Rotunda*, 37(3): 7-9.
- 2004 Rudkin, D. M. "From the Archives: ROM Recycles." *Rotunda*, 37(2): 48.
- 2004 Rudkin, D. M. "PaleoScene: First Impressions." *Rotunda*, 37(2): 41-43.
- 2004 Rudkin, D. M. "Growing Collections: Fossil Superstars." *Rotunda*, 37(1): 7-9.
- 2004 Rudkin, D. M. "PaleoScene: The Case of the Headless Homoiosteles." *Rotunda*, 36(3): 6-7.
- 2004 Caron, J. B., D. M. Rudkin, and S. Milliken. "A new Late Silurian (Pridolian) naraoiid (Euarthropoda: Nektaspida) from the Bertie Formation of Southern Ontario - Delayed Fallout from the Cambrian Explosion." *Journal of Paleontology*, 78: 1138-1145.
- 2003 Jin, J. and D.M. Rudkin. [Short Paper Contribution] "Early Silurian microbial mounds of the Severn River Formation, Hudson Bay Lowlands, Ontario." *Canadian Paleontology Conference 2003, Edmonton - Abstracts and Short Papers*, Programs and Abstracts No. 13, pp. 20-22.
- 2003 Rudkin, D.M., G. A. Young, R. J. Elias, and E. P. Dobrzanski. "The world's biggest trilobite – *Isotelus rex* new species from the Upper Ordovician of northern Manitoba, Canada." *Journal of Paleontology*, 77: 99-112.
- 1999 Westrop, S.M. and D.M. Rudkin. "Trilobite Taphonomy of a Silurian reef: Attawapiskat Formation, Northern Ontario." *Palaios* 14(4): 389-397.
- 1997 Brett, K. and Rudkin, D.M. "Ordovician stratigraphy and trilobite faunas of south-central Ontario." *Guidebook for Field Trip #3*, 2nd

International Trilobite Conference, Brock University, St. Catharines.
34pp. + Appendix and Plates.

- 1996 Rudkin, D.M. "The Trilobite Beds of Mount Stephen, Yoho National Park". In *Life in Stone: A Natural History of British Columbia's Fossils*, edited by R. Ludvigsen. Vancouver: University of British Columbia Press, pp 59-68.
- 1985 Rudkin, D.M. "Exoskeletal abnormalities in four trilobites." *Canadian Journal of Earth Sciences*, 22(3): 479-483.
- 1984 McNamara, K.J. and D.M. Rudkin 1984. "Techniques of trilobite exuviation." *Lethaia* 17(2): 153-173.
- 1981 Collins, D.H. and D.M. Rudkin. "*Priscansermarinus barnetti*, a probable lepadomorph barnacle from the Middle Cambrian Burgess shale of British Columbia." *Journal of Paleontology*, 55: 1006-1015.
- 1979 Rudkin, D.M. "Healed injuries in *Ogygopsis klotzi* (Trilobita) from the Middle Cambrian of British Columbia." *Royal Ontario Museum, Life Sciences Occasional Paper*, 32: 1-8.