

Main publications by Jean-Bernard Caron (updated Jan. 2013)

27. Legg DA, Sutton MD, Edgecombe GD, & Caron J-B (2012) Cambrian bivalved arthropod reveals origin of arthropodization. *Proceedings of the Royal Society B: Biological Sciences* 279(1748):4699-4704.
26. Zhao F, *et al.* (2012) Spatial variation in the diversity and composition of the Lower Cambrian (Series 2, Stage 3) Chengjiang Biota, Southwest China. *Palaeogeography, Palaeoclimatology, Palaeoecology* 346-347:54-65.
25. Conway Morris S & Caron J-B (2012) *Pikaia gracilens* Walcott, a stem-group chordate from the Middle Cambrian of British Columbia. *Biological Reviews* 87(2): 480-512.
24. Minter NJ, Mángano MG, & Caron J-B (2012) Skimming the surface with Burgess Shale arthropod locomotion. *Proceedings of the Royal Society B: Biological Sciences* 279(1733):1613-1620.
23. O'Brien LJ & Caron J-B (2012) A New Stalked Filter-Feeder from the Middle Cambrian Burgess Shale, British Columbia, Canada. *PLoS ONE* 7(1):e29233.
22. Smith M & Caron J-B (2010) Primitive soft-bodied cephalopods from the Cambrian. *Nature* 465(7297):469-472.
21. Pettersson S, Holmer LE, & Caron J-B (2010) First record of a pediculate linguloid from the Middle Cambrian Burgess Shale. *Acta Zoologica* 91:150-162.
20. Caron J-B, Gaines R, Mángano G, Streng M, & Daley A (2010) A new Burgess Shale-type assemblage from the "thin" Stephen Formation of the Southern Canadian Rockies. *Geology* 38(9):811-814.
19. Caron J-B, Conway Morris S, & Shu D (2010) Tentaculate fossils from the Cambrian of Canada (British Columbia) and China (Yunnan) interpreted as primitive Deuterostomes. *PLoS ONE* 5(3):1-13.
18. Zhao F, Caron J-B, Hu SX, & Zhu M (2009) Quantitative analysis of taphofacies and paleocommunities in the Early Cambrian Chengjiang Lagerstätte. *PALAIOS* 24:826-839.
17. Daley AC, Budd GE, Caron J-B, Edgecombe GD, & Collins D (2009) The Burgess Shale anomalocaridid *Hurdia* and its significance for early euarthropod evolution. *Science* 323:1597-1600.
16. Caron J-B & Rudkin DM eds (2009) *A Burgess Shale primer: History, geology, and research highlights* (Burgess Shale Consortium, Toronto), Vol Field Trip Companion Volume, International Conference on the Cambrian Explosion 2009, p 108.
15. Caron J-B (2009) The Greater Phyllopod Bed Community, historical variations and quantitative approaches. *A Burgess Shale primer: History, geology, and research highlights*, eds Caron J-B & Rudkin DM (Burgess Shale Consortium, Toronto), Vol Field Trip Companion Volume, International Conference on the Cambrian Explosion 2009, pp 71-89.
14. Caron J-B, Scheltema AH, Schander C, & Rudkin D (2008) *Odontogriphus*: earliest molluscan radula. *McGraw-Hill 2008 Yearbook of Science & Technology*, (McGraw-Hill, New York), pp 239-242.

13. Caron J-B & Jackson DA (2008) Paleoeecology of the Greater Phyllopod Bed community, Burgess Shale. *Palaeogeography, Palaeoclimatology, Palaeoecology* 258:222-256.
12. Caron J-B (2008) Palaeontology: Ancient worms in armour. *Nature* 451(7175):133-134.
11. Vannier J, *et al.* (2007) *Tuzoia*: morphology and lifestyle of a giant bivalved arthropod of the Cambrian seas. *Journal of Paleontology* 81:445-471.
10. Conway Morris S & Caron J-B (2007) Halwaxiids and the early evolution of the lophotrochozoans. *Science* 315:1255-1258.
9. Caron J-B, Scheltema AH, Schander C, & Rudkin D (2007) Reply to Butterfield on stem-group "worms:" fossil lophotrochozoans in the Burgess Shale. *BioEssays* 29:200-202.
8. Holmer LE & Caron J-B (2006) A spinose stem group brachiopod with pedicle from the Middle Cambrian Burgess Shale. *Acta Zoologica* 87:273-290.
7. Caron J-B, Scheltema AH, Schander C, & Rudkin D (2006) A soft-bodied mollusc with radula from the Middle Cambrian Burgess Shale. *Nature* 442:159-163.
6. Caron J-B & Jackson DA (2006) Taphonomy of the Greater Phyllopod Bed Community, Burgess Shale. *Palaios* 21:451-465.
5. Caron J-B (2006) Evolution of fossil ecosystems. *Journal of Paleontology*, eds Selden PA & Nudds JR (The University of Chicago Press, 160 p.), Vol 80, pp 787-788.
4. Valli A, *et al.* (2006) The latest Villafranchian Palaeontological site of Peyrolles (Issoire, Puy-de-Dome, France): results of new surveys. *Geodiversitas* 2006(2):297-317.
3. Caron J-B (2005) *Banffia constricta*, a putative vetulicolid from the Middle Cambrian Burgess Shale. *Transactions of the Royal Society of Edinburgh* 96:95-111.
2. Caron J-B, Rudkin DM, & Milliken S (2004) 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(6):1138-1145.
1. Hugueney M, Poidevin JL, Bodergat AM, Caron J-B, & Guerin C (1999) Des mammifères de l'Aquitainien inférieur a La Roche-Blanche-Gergovie (Puy-de-Dome, France), révélateurs de l'activité post-oligocene du rift en Limagne de Clermont. Early Aquitanian mammal fauna in the La Roche-Blanche-Gergovie locality (Puy-de-Dôme, France), and the evidence of post-Oligocene rift activity in'Limagne de Clermont'. *Comptes rendus de l'Académie des sciences. Série II, Sciences de la terre et des planètes* 328:847-852.