

Patricia G. Weaver Publication List

Peer reviewed:

Weaver, P. G. & Williams, B. W. (2017). A new genus and species of entocytherid ostracod (Ostracoda: Entocytheridae) from the John Day River Basin of Oregon, U.S.A., with a key to genera of the subfamily Entocytherinae. *Zootaxa*, 4273(4): 576-596.
<https://doi.org/10.11646/zootaxa.4273.4.7>

Shelton, K., **Weaver, P. G.**, and Williams, B. W. (2016). New records of entocytherid ostracods from New York and New Jersey. *Northeastern Naturalist*, 23(4): 525-531.
<https://doi.org/10.1656/045.023.0401>

Weaver, P. G. & Williams, B. W. (2016). Observations of false mating behavior in entocytherid ostracods from the northwestern United States. *Invertebrate Biology*, 135(3): 252-258.
<https://doi.org/10.1111/ivb.12141>

Doguzhaeva, L. A., **Weaver, P. G.**, and Ciampaglio, C. N. (2014). A unique late Eocene coleoid cephalopod *Mississaepia* from Mississippi, USA: new data on cuttlebone structure, and their phylogenetic implications. *Acta Palaeontologica Polonica*, 59(1): 147-162.
<https://doi.org/10.4202/app.2011.0208>

Bogan, A. E. & **Weaver, P. G.** (2012). A new genus and new species of freshwater mussel from the mid Late Triassic rift lakes of eastern North Carolina (Bivalvia: Unionida: of. Unionidae). *Nautilus*, 126(3): 105-112.

Weaver, P. G., Ciampaglio, C. N., and Sadorf, E. M. (2012). Rhyncholites and conchorhynch (calcified nautiloid beaks) from the Eocene (Lutetian/Priabonian) Castle Hayne Formation, southeastern North Carolina. *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 264(1): 61-75. <https://doi.org/10.1127/0077-7749/2012/0232>

Weaver, P. G., Doguzhaeva, L. A., Lawver, D. R., **Tacker, R. C.**, Ciampaglio, C. N., Crate, J. M., and Zheng, W. (2011). Characterization of organics consistent with β -chitin preserved in the Late Eocene cuttlefish *Mississaepia mississippiensis*. *PLoS ONE*, 6(11): e28195.
<https://doi.org/10.1371/journal.pone.0028195>

Tacker, R. C., Martin, A. J., **Weaver, P. G.**, and Lawver, D. R. (2010). Trace fossils versus body fossils: *Oldhamia recta* revisited. *Precambrian Research*, 178(1): 43-50.
<https://doi.org/10.1016/j.precamres.2010.01.008>

Weaver, P. G., Ciampaglio, C. N., and Chandler, R.E. (2010). An overview of coleoid cephalopods from the Paleogene and Neogene aged rocks of southern North America. *Ferrantia*, 59: 204-214.

Weaver, P. G., Dockery, D. T., and Ciampaglio, C. N. (2010). A new genus of coleoid cephalopod from the Jackson Group (Late Eocene), Hinds County, Mississippi.

Palaeontographica Abteilung A, Band 292(Lieferung 1-3): 53-63.
<https://doi.org/10.1127/pala/292/2010/53>

Ciampaglio, C. N., Osborn, A., and **Weaver, P. G.** (2009). A new species of *Plagiobrissus* from the Late Early Pliocene (Piacenzian) Goose Creek limestone of northeastern South Carolina. *Southeastern Geology*, 46(4): 201-210.

Ciampaglio, C. N. & **Weaver, P. G.** (2008). Two new genera of Coleoidea from the Chickasawhay Limestone (Oligocene) of Alabama. *Neues Jahrbuch für Geologie und Paläontologie*, 250(1): 103-111. <https://doi.org/10.1127/0077-7749/2008/0250-0103>

Weaver, P. G., Tacker, R. C., McMenamin, M.A.S., Ciampaglio, C.N., and Webb, R.A. (2008) Additional Ediacaran body fossils of south-central North Carolina. *Southeastern Geology*, 45(4): 225-232.

Ciampaglio, C. N., Donovan, S. K., and **Weaver, P. G.** (2007). A new bourgueticrinid (Crinoidea) from the Castle Hayne Formation (Eocene) of southeastern North Carolina, USA *Swiss Journal of Geosciences*, 100(2): 243-249. <https://doi.org/10.1007/s00015-007-1221-5>

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Weaver, P., Ciampaglio, C. and Chandler, R. (2007). Rarely seen coleoid phragmacone steinkerns from the Eocene Castle Hayne Limestone of southeastern North Carolina. *Palaeontographica Abteilung A*, Band 279 (Lieferung 4-6): 159-165.
<https://doi.org/10.1127/pala/279/2007/159>

Weaver, P. G., McMenamin, M. A. S., and Tacker, R. C. (2006). Paleoenvironmental and paleobiogeographical implications of a new Ediacaran body fossil from the Neoproterozoic Carolina Terrane, Stanly Co., North Carolina. *Precambrian Research*, 105:123-135.
<https://doi.org/10.1016/j.precamres.2006.07.002>

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McMenamin, M.A.S. & **Weaver, P.G.** (2002). Proterozoic-Cambrian paleobiogeography of the Carolina Terrane, *Southeastern Geology*, 142(2): 119-126.

Popular Press/Non-peer Reviewed:

Weaver, P. G. (July 15, 2015). The hole truth about animals that bore. *Raleigh News & Observer*, p. 1C.

Weaver, P. G. & Martin, A. (March 16, 2015). Ichnologists investigate creature clues. *Raleigh News & Observer*, p. 1C.

Weaver, P. G. (May 5, 2014). Fossils shed light on different world. *Raleigh News & Observer*, p. 1C.

Martin, A. J. & **Weaver, P. G.** (2013). Ediacaran trace fossils from the Albemarle Group of the Carolina Terrane, North Carolina (USA): marks of a mobile lifestyle on a Precambrian sea bottom. In J. Hibbard & J. Polluck (Eds.), *One arc, two arcs, old arc, new arc: a 21st century perspective on the geology of the Carolina Terrane in central North Carolina* (pp. 185-192). Raleigh, NC: Carolina Geological Society.

Weaver, P. G. & Ganis, R. (2013). Overview of Ediacaran age fossils from the Carolina Terrane: past, present and future research. In J. Hibbard & J. Polluck (Eds.), *One arc, two arcs, old arc, new arc: a 21st century perspective on the geology of the Carolina Terrane in central North Carolina* (pp. 63-73). Raleigh, NC: Carolina Geological Society.

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Weaver, P. G., Tacker, R. C., McMenamin, M. A. S., and Webb, R. A. (2006). Ediacaran Body Fossils of South-central North Carolina: Preliminary Report: In P.J. Bradley & Clark, T.W. (Eds.) *The Geology of the Chapel Hill, Hillsborough and Efland 7.5 –Minute Quadrangles, Orange and Durham Counties, Carolina Terrane, North Carolina*. (pp. 25-42). Raleigh, NC: Carolina Geological Society.

Abstracts:

Fuchs, D., Yashiro, I., Kosták, M., Lukeneder, A., Nützel, A., and **Weaver, P.**, (2014). The Cenozoic fossil record of the Coleoidea: an overview. *9th International Symposium Cephalopods*

– *Present and Past in combination with the 5th International Symposium Coleoid Cephalopods through Time Abstracts and Program*, p. 38.

Weaver, P. G., Martin, A. J., and Tacker, R. C. (2014). Early bulldozers and imposters: a reexamination of trace fossils from the Albemarle Group, Carolina Terrane of North Carolina. *10th North American Paleontological Convention Abstract Book. The Paleontological Society Special Publications*, 13, p. 160.

Weaver, P. G., Lawver, D. R., Tacker, R. C., Doguzhaeva, L. A., Everhart, M. J., Hatcher, J., and Hoganson, J.W. (2012). Postmortem mineralogy of gladii of the Coniacian-Campanian (Late Cretaceous) "squid" *Tusoteuthis longa* (Cephalopoda: Coleoidea), North America: a key to their original composition. *Geological Society of America Abstracts with Programs*, 44(7): 397.

Doguzhaeva, L. A., Mutvei, H., Bengtson, S., Mapes, R., **Weaver, P.** (2011). Coleoid-related shell ultrastructures in cephalopod molluscs. *Fourth International Symposium Coleoid Cephalopods Through Time, September 06–09, 2011. Stuttgart Museum of Natural History, Germany Abstracts*, p. 15-16

Ciampaglio, C. N., Donovan, S. K., and **Weaver, P. G.** (2008). A new bourgueticrinid (Crinoidea) from the Castle Hayne Formation. *Geological Society of America, North-central Section Abstracts with Programs*, 40(5): p. 85.

Bogan, A. E. & **Weaver, P. G.** (2008). A new genus and species of Triassic freshwater bivalve from the Durham sub-basin of North Carolina. *Geological Society of America, Southeast Section Abstracts with Programs*, 40(4): p. 55

Tacker, R. C. & **Weaver, P. G.** (2007). Body vs. trace fossils: a preliminary reassessment of squiggles, rods and clusters on Neoproterozoic bedding planes from the Carolina Terrane, Stanly County, North Carolina. *Geological Society of America, Southeast Section Abstracts with Programs*, 39(2): p. 12.

Bogan, A. E. & **Weaver, P. G.** (2007). Triassic freshwater bivalves of the rift lakes in central North Carolina, Geological Society of America. *Southeast Section Abstracts with Programs*, 39(2): p. 30.

Ciampaglio, C. N., **Weaver, P. G.**, and Chandler, R.E. (2006) A new genus of belosaepiid (Coleoidea) and associated, rarely seen phragmacone steinkerns from the Castle Hayne Limestone (Eocene) of Southeastern North Carolina. *Geological Society of America Abstracts with Programs*, 38(7): p. 556.

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Charles N. Ciampaglio & **Weaver, P. G.** (2004). Comatulid crinoids from the Castle Hayne Limestone, Southeastern North Carolina. *Geological Society of America 39th Annual Northeastern and 53rd Annual Southeastern Section Meeting Abstracts with Programs*, 36(2): p. 133.

Bogan, A.E., Schneider, V. P., **Weaver, P. G.**, and Spamer, E. E. (2001). Triassic freshwater bivalves (Unionoida) of the rift lakes in Eastern United States. *Freshwater Mollusk Conservation Society 2nd Symposium Program and Abstracts*, 61: p. 40.