

# BIBLIOGRAPHY OF THE DRY DREDGERS

A CATALOG OF THE SCIENTIFIC CONTRIBUTIONS OF OUR ORGANIZATION

Revision: 2017-12-26

The references listed here fall under several categories (not mutually exclusive):

- Publications with amateur Dry Dredgers members as authors or co-authors. Such member names are **colored and bolded** in the citations below.
- Publications that acknowledge assistance by the Dry Dredgers, either as a group or individual members.
- Publications that mention personal communications with Dry Dredgers members.
- Publications that make use of specimens collected by Dry Dredgers members.
- Publications *about* the Dry Dredgers.
- Research funded by the Dry Dredgers Paleontological Research Award.

This list is incomplete. In particular, we acknowledge the dearth of citations older than the 1990s. We believe this is a "taphonomic bias": more recent papers are often digitized and available online, and consequently easier to search for Dry Dredgers references. If you know of any references that belong in this listing, please contact Kyle Hartshorn with the citation and nature of the Dry Dredgers contributions within.

## Peer Reviewed Publications

- Aucoin, C.D., B. Dattilo, C.E. Brett, and **D.L. Cooper**. 2015. Preliminary report of the Oldenburg "butter shale" in the Upper Richmondian (Katian; Richmondian) Waynesville Formation, USA. *Estonian Journal of Earth Sciences* 64(1): 3-7. Doi: [10.3176/earth.2015.01](https://doi.org/10.3176/earth.2015.01) [[PDF on kirj.ee](#)]
- Bauer, J.E., and A.L. Stigall. 2014. Phylogenetic paleobiogeography of Late Ordovician Laurentian brachiopods. *Estonian Journal of Earth Sciences* 63(4): 189-194. doi: [10.3176/earth.2014.17](https://doi.org/10.3176/earth.2014.17)
- Bell, B.M. 1976. A study of North American Edrioasteroidea. *New York State Museum Memoir* 21.
- Brett, C.E., B.D. Cramer, P.I. McLaughlin, M.A. Kleffner, W.J. Showers, and J.R. Thomka. 2012. Revised Telychian-Sheinwoodian (Silurian) stratigraphy of the Laurentian mid-continent: building uniform nomenclature along the Cincinnati Arch. *Bulletin of Geosciences* 87(4): 733-753. [[Paper at geology.cz](#)]

- Brett, C.E., T.J. Malgieri, J.R. Thomka, C.D. Aucoin, B.F. Dattilo, and C.E. Schwalbach. 2015a. Calibrating water depths of Ordovician communities: lithological and ecological controls on depositional gradients in Upper Ordovician strata of southern Ohio and north-central Kentucky, USA. *Estonian Journal of Earth Sciences* 64(1): 19-23. doi: [10.3176/earth.2015.04](https://doi.org/10.3176/earth.2015.04) [[PDF on kirj.ee](#)]
- Brett, C.E., J.R. Thomka, C.E. Schwalbach, C.D. Aucoin, and T.J. Malgieri. 2015b. Faunal epiboles in the Upper Ordovician of north-central Kentucky: implications for high-resolution sequence and event stratigraphy and recognition of a major unconformity. *Palaeoworld* 24(1-2): 149-159. doi: [10.1016/j.palwor.2015.01.004](https://doi.org/10.1016/j.palwor.2015.01.004) [[PDF on researchgate.net](#)]
- Brower, J.C. 2011. Paleoeology of suspension-feeding echinoderm assemblages from the Upper Ordovician (Katian, Shermanian) Walcott-Rust quarry of New York. *Journal of Paleontology* 85(2): 369-391. doi: [10.1666/10-066.1](https://doi.org/10.1666/10-066.1)
- Caster, K.E. 1952. Concerning *Enoploura* of the Upper Ordovician and its relation to other carpod echinoderms. *Bulletins of American Paleontology* 34(141): 1-57. [[Paper at biodiversitylibrary.org](#)]
- Caster, K.E., and E.N. Kjellesvig-Waering. 1964. Upper Ordovician eurypterids of Ohio. *Palaeontographica Americana* 4(32): 297-358. [[Paper at biodiversitylibrary.org](#)]
- Dattilo, B.F., R.L. Freeman, W.S. Peters, **W.P. Heimbrock**, B. Deline, A.J. Martin, **J.W. Kallmeyer**, J. Reeder, and A. Argast. 2016. Giants among micromorphs: were Cincinnati (Ordovician, Katian) small shelly phosphatic faunas dwarfed? *PALAIOS* 31(3): 55-70. doi: [10.2110/palo.2015.040](https://doi.org/10.2110/palo.2015.040)
- Dattilo, B.F., D.L. Meyer, K. Dewing, and M.R. Gaynor. 2009. Escape traces associated with *Rafinesquina alternata*, an Upper Ordovician strophomenid brachiopod from the Cincinnati Arch Region. *PALAIOS* 24(9): 578-590. doi: [10.2110/palo.2008.p08-102r](https://doi.org/10.2110/palo.2008.p08-102r)
- Deline, B. 2008. The first evidence of predatory or parasitic drilling in stylophoran echinoderms. *Acta Palaeontologica Polonica* 53(4): 739-743. doi: [10.4202/app.2008.0416](https://doi.org/10.4202/app.2008.0416)
- Donovan, S.K., **J.W. Kallmeyer**, and C.J. Veltkamp. 1995. Functional morphologies of the columns of Upper Ordovician *Xenocrinus* and *Dendrocrinus*. *Lethaia* 28(4): 309-315. doi: [10.1111/j.1502-3931.1995.tb01820.x](https://doi.org/10.1111/j.1502-3931.1995.tb01820.x)
- Eriksson, M., and C.F. Bergman. 2003. Late Ordovician jawed polychaete faunas of the type Cincinnati region, U.S.A. *Journal of Paleontology* 77(3): 509-523. doi: [10.1666/0022-3360\(2003\)077<0509:LOJPF0>2.0.CO;2](https://doi.org/10.1666/0022-3360(2003)077<0509:LOJPF0>2.0.CO;2)
- Flower, R.H. 1946. Ordovician Cephalopoda of the Cincinnati region, part I. *Bulletins of American Paleontology* 29(116): 83-738. [[Paper at biodiversitylibrary.org](#)]
- Freeman, R.L., B.F. Dattilo, A. Morse, M. Blair, **S. Felton**, and J. Pojeta, Jr. 2013. The "curse of *Rafinesquina*:" negative taphonomic feedback exerted by strophomenid shells on storm-buried lingulids in the Cincinnati Series (Katian, Ordovician) of Ohio. *PALAIOS* 28(6): 359-372. doi: [10.2110/palo.2012.p12-094r](https://doi.org/10.2110/palo.2012.p12-094r)

- Garcia, W.J., G.W. Storrs, and S.F. Greb. 2006. The Hancock County tetrapod locality: a new Mississippian (Chesterian) wetlands fauna from western Kentucky (USA). *Geological Society of America Special Paper* 399: 155-167. [[Paper at gsapubs.org](#)]
- Greb, S.F., G.W. Storrs, W.J. Garcia, and C.F. Eble. In press. Late Mississippian vertebrate palaeoecology and taphonomy, Buffalo Wallow Formation, western Kentucky, USA. *Lethaia*. doi: [10.1111/let.12138](#)
- Hendricks, J.R., A.L. Stigall, and B.S. Lieberman. 2015. The *Digital Atlas of Ancient Life*: delivering information on paleontology and biogeography via the web. *Palaeontologia Electronica* 18.2.6E. [[Paper at palaeo-electronica.org](#)]
- Hughes, N.C., and D.L. Cooper. 1999. Paleobiologic and taphonomic aspects of the "granulosa" trilobite cluster, Kope Formation (Upper Ordovician, Cincinnati region). *Journal of Paleontology* 73(2): 306-319. [[Paper on JSTOR](#)]
- Hunda, B.R., N.C. Hughes, and K.W. Flessa. 2006. Trilobite taphonomy and temporal resolution in the Mt. Orab shale bed (Upper Ordovician, Ohio, U.S.A.). *PALAIOS* 21(1): 26-45. doi: [10.2110/palo.2005.p05-01](#)
- Kallmeyer, J.W.**, and W.I. Ausich. 2015. Deepwater occurrence of a new *Glyptocrinus* (Crinoidea, Camerata) from the Late Ordovician of southwestern Ohio and northern Kentucky: revision of crinoid paleocommunity composition. *Journal of Paleontology* 89(6):1068-1075. doi: [10.1017/jpa.2015.72](#)
- Kallmeyer, J.W.**, and S.K. Donovan. 1998. *Tenuicrinus longibasalis*, a new disparid in the subfamily Cincinnatiinae, Upper Ordovician, Edenian, north central Kentucky. *Northeastern Geology and Environmental Sciences* 20(1): 28-38.
- Kesling, R.V. 1960. Hydropores in edrioasteroids. *Contributions from the Museum of Paleontology of the University of Michigan* 15(8): 139-192. [[Paper at umich.edu](#)]
- Kesling, R.V., and L.W. Mintz. 1960. Internal structures in two edrioasteroid species, *Isorophus cincinnatiensis* (Roemer) and *Carneyella pilea* (Hall). *Contributions from the Museum of Paleontology, University of Michigan* 15(14): 315-348. [[Paper at umich.edu](#)]
- Key, M.M., Jr., G.A. Schumacher, L.E. Babcock, R.C. Frey, **W.P. Heimbrock**, **S.H. Felton**, **D.L. Cooper**, **W.B. Gibson**, **D.G. Scheid**, and S.A. Schumacher. 2010. Paleoecology of commensal epizoans fouling *Flexicalymene* (Trilobita) from the Upper Ordovician, Cincinnati Arch region, USA. *Journal of Paleontology* 84(6): 1121-1134. doi: [10.1666/10-018.1](#) [[Paper at dickinson.edu](#)]
- Key, M.M., Jr., P.N. Wyse Jackson, and **S.H. Felton**. 2016. Intracolony variation in colony morphology in reassembled fossil ramose stenolaemate bryozoans from the Upper Ordovician (Katian) of the Cincinnati Arch region, USA. *Journal of Paleontology* 90(3): 400-412. doi: [10.1017/jpa.2016.66](#)
- Lam, A.R., and A.L. Stigall. 2015. Pathways and mechanisms of Late Ordovician (Katian) faunal migrations of Laurentia and Baltica. *Estonian Journal of Earth Sciences* 64(1): 62-67. doi: [10.3176/earth.2015.11](#) [[PDF on kirj.ee](#)]

- Lam, A.R., A.L. Stigall, and N.J. Matzke. 2018. Dispersal in the Ordovician: speciation patterns and paleobiogeographic analyses of brachiopods and trilobites. *Palaeogeography, Palaeoclimatology, Palaeoecology* 489: 147-165. doi: [10.1016/j.palaeo.2017.10.006](https://doi.org/10.1016/j.palaeo.2017.10.006)
- Meyer, D.L. 1990. Population paleoecology and comparative taphonomy of two edrioasteroid (Echinodermata) pavements: Upper Ordovician of Kentucky and Ohio. *Historical Biology* 4(3-4): 155-178. doi: [10.1080/08912969009386541](https://doi.org/10.1080/08912969009386541) [[Paper at cornellcollege.edu](#)]
- Milam, M.J., D.L. Meyer, B.F. Dattilo, and B.R. Hunda. 2017. Taphonomy of an Ordovician crinoid lagerstätte from Kentucky. *PALAIOS* 32(3): 166-180. doi: [10.2110/palo.2016.048](https://doi.org/10.2110/palo.2016.048) [[PDF on ResearchGate](#)]
- Morris, R.W., and **S.H. Felton**. 2003. Paleoecologic associations and secondary tiering of *Cornulites* on crinoids and bivalves in the Upper Ordovician (Cincinnatian) of southwestern Ohio, southeastern Indiana, and northern Kentucky. *PALAIOS* 18(6): 546-558. doi: [10.1669/0883-1351\(2003\)018<0546:PAASTO>2.0.CO;2](https://doi.org/10.1669/0883-1351(2003)018<0546:PAASTO>2.0.CO;2)
- Morris, R.W. and S.H. Felton. 1993. Symbiotic association of crinoids, platyceratid gastropods, and *Cornulites* in the Upper Ordovician (Cincinnatian) of the Cincinnati, Ohio region. *PALAIOS* 8(5): 465-476. [[Paper on JSTOR](#)]
- Parsley, R.L. 1991. Review of selected North American mitrate stylophorans (Homalozoa: Echinodermata). *Bulletins of American Paleontology* 100(336): 1-57. [[Paper at biodiversitylibrary.org](#)]
- Pojeta, J., Jr., and J.K. Pope. 1975. Biography of K. E. Caster. *Bulletins of American Paleontology* 67(287): 5-8. [[Paper at biodiversitylibrary.org](#)]
- Sandy, M.R. 1996. Oldest record of peduncular attachment of brachiopods to crinoid stems, Upper Ordovician, Ohio, U.S.A. (Brachiopoda; Atrypida: Echinodermata; Crinoidea). *Journal of Paleontology* 70(3): 532-534. [[Paper on JSTOR](#)]
- Sheffield, S.L., and J.E. Bauer. 2017. Darwin Day in deep time: promoting evolutionary science through paleontology. *Evolution: Education and Outreach* 2017 10:10. doi: [10.1186/s12052-017-0073-3](https://doi.org/10.1186/s12052-017-0073-3)
- Sheffield, S.L., and C.D. Sumrall. 2017. Generic revision of the Holocystitidae of North America (Diploporita, Echinodermata) based on universal element homology. *Journal of Paleontology* 91(4): 755-766. doi: [10.1017/jpa.2016.159](https://doi.org/10.1017/jpa.2016.159)
- Shroat-Lewis, R.A., M.L. McKinney, C.E. Brett, D.L. Meyer, and C.D. Sumrall. 2011. Paleoecologic assessment of an edrioasteroid (Echinodermata)-encrusted hardground from the Upper Ordovician (Maysvillian) Bellevue Member, Maysville, Kentucky. *PALAIOS* 26(8): 470-483. doi: [10.2110/palo.2010.p10-141r](https://doi.org/10.2110/palo.2010.p10-141r)
- Stigall, A.L., J.E. Bauer, and H-M.R. Brame. 2014. The Digital Atlas of Ordovician Life: digitizing and mobilizing data for paleontologists and the public. *Estonian Journal of Earth Sciences* 63(4): 312-316. doi: [10.3176/earth.2014.36](https://doi.org/10.3176/earth.2014.36)
- Sumrall, C.D. 2010. The systematics of a new Upper Ordovician edrioasteroid pavement from northern Kentucky. *Journal of Paleontology* 84(5): 783-794. doi: [10.1666/09-178.1](https://doi.org/10.1666/09-178.1)
- Sumrall, C.D., and G.A. Schumacher. 2002. *Cheirocystis fultonensis*, a new glyptocystitoid rhombiferan from Upper Ordovician of the Cincinnati Arch: comments on cheirocrinid

- ontogeny. *Journal of Paleontology* 76(5): 843-851. doi: [10.1666/0022-3360\(2002\)076<0843:CFANGR>2.0.CO;2](https://doi.org/10.1666/0022-3360(2002)076<0843:CFANGR>2.0.CO;2)
- Taylor, P.D., and M.A. Wilson. 2003. Palaeoecology and evolution of marine hard substrate communities. *Earth-Science Reviews* 62(1): 1-103. doi: [10.1016/S0012-8252\(02\)00131-9](https://doi.org/10.1016/S0012-8252(02)00131-9)
- Thomka, J.R., **T.E. Bantel**, and M.J. Tomin. 2016. Unusual preservation of the trace fossil *Conostichus* in middle Silurian carbonate facies of Indiana, USA. *Canadian Journal of Earth Sciences* 53(8): 802-807. doi: [10.1139/cjes-2015-0198](https://doi.org/10.1139/cjes-2015-0198)
- Thomka, J.R., and C.E. Brett. 2014. Diploporite (Echinodermata, Blastozoa) thecal attachment structures from the Silurian of southeastern Indiana. *Journal of Paleontology* 88(1): 179-186. doi: [10.1666/12-142](https://doi.org/10.1666/12-142)
- Thomka, J.R., and C.E. Brett. 2015a. Paleoecology of pelmatozoan attachment structures from a hardground surface in the middle Silurian Massie Formation, southeastern Indiana. *Palaeogeography, Palaeoclimatology, Palaeoecology* 420: 1-12. doi: [10.1016/j.palaeo.2014.12.001](https://doi.org/10.1016/j.palaeo.2014.12.001)
- Thomka, J.R., and C.E. Brett. 2015b. Palaeontological and sedimentological effects of micro-bioherms in the Middle Silurian Massie Formation of southeastern Indiana, USA. *Lethaia* 48(2): 172-187. doi: [10.1111/let.12097](https://doi.org/10.1111/let.12097)
- Thomka, J.R., and C.E. Brett. 2017a. The holdfast of *Finitiporus boardmani* (Echinodermata: Diploporita) in the Silurian Massie Formation of the Cincinnati Arch region, USA. *Swiss Journal of Paleontology* 136(2): 365-368. doi: [10.1007/s13358-017-0129-6](https://doi.org/10.1007/s13358-017-0129-6)
- Thomka, J.R., and C.E. Brett. 2017b. Insights into the taxonomy and paleoecology of the 'Bead Bed' crinoid (Echinodermata: Crinoidea) based on new material from the Lower Silurian Brassfield Formation of east-central Kentucky. *PALAIOS* 32(12): 762-768. doi: [10.2110/palo.2017.061](https://doi.org/10.2110/palo.2017.061)
- Thomka, J.R., C.E. Brett, **T.E. Bantel**, A.L. Young, and **D.L. Bissett**. 2016. Taphonomy of 'cystoids' (Echinodermata: Diploporita) from the Napoleon quarry of southeastern Indiana, USA: the Lower Silurian Massie Formation as an atypical Lagerstätte. *Palaeogeography, Palaeoclimatology, Palaeoecology* 443: 264-277. doi: [10.1016/j.palaeo.2015.11.034](https://doi.org/10.1016/j.palaeo.2015.11.034)
- Thomka, J.R., T.J. Malgieri, and C.E. Brett. 2014. A swollen crinoid pluricolumnal from the Upper Ordovician of northern Kentucky, USA: the oldest record of an amorphous paleopathologic response in Crinoidea? *Estonian Journal of Earth Sciences* 63(4): 317-322. doi: [10.3176/earth.2014.37](https://doi.org/10.3176/earth.2014.37)
- Thomka, J.R., N.B. Sullivan, and C.E. Brett. 2018. *Arthropycus* as a mimic of crinoid column impressions in the lower Silurian of central Kentucky, USA. *Lethaia* 51(1): 96-101. doi: [10.1111/let.12226](https://doi.org/10.1111/let.12226)
- Tyler, C.L., and L.R. Leighton. 2011. Detecting competition in the fossil record: support for character displacement among Ordovician brachiopods. *Palaeogeography, Palaeoclimatology, Palaeoecology* 307(1): 205-217. doi: [10.1016/j.palaeo.2011.05.020](https://doi.org/10.1016/j.palaeo.2011.05.020) [[PDF at researchgate.net](#)]

- Vendrasco, M.J., A. Checa, **W.P. Heimbrock**, and S.D.J. Baumann. 2013. Nacre in molluscs from the Ordovician of the Midwestern United States. *Geosciences* 3(1): 1-29. doi: [10.3390/geosciences3010001](https://doi.org/10.3390/geosciences3010001)
- Vendrasco, M.J., A.B. Rodrmiguez-Navarro, A.G. Checa, L. Devaere, and S.M. Porter, S.M. 2016. To infer the early evolution of mollusc shell microstructures. *Key Engineering Materials* 672: 113-133. doi: [10.4028/www.scientific.net/KEM.672.113](https://doi.org/10.4028/www.scientific.net/KEM.672.113)
- Wahlman, G.P. 1992. Middle and Upper Ordovician symmetrical univalved mollusks (Monoplacophora and Bellerophontina) of the Cincinnati Arch region. U.S. Geological Survey Professional Paper 1066-O. [[Paper at usgs.gov](http://paper.usgs.gov)]
- Webber, A.J. 2002. High-resolution faunal gradient analysis and an assessment of the causes of meter-scale cyclicity in the type Cincinnati Series (Upper Ordovician). *PALAIOS* 17(6): 545-555. doi: [10.1669/0883-1351\(2002\)017<0545:HRFGAA>2.0.CO;2](https://doi.org/10.1669/0883-1351(2002)017<0545:HRFGAA>2.0.CO;2)
- Webber, A.J. 2004. Methodological advances in the use of faunal gradient analysis for regional high-resolution correlation in the type Cincinnati Series (Upper Ordovician). *Palaeogeography, Palaeoclimatology, Palaeoecology* 210(2): 235-248. doi: [10.1016/j.palaeo.2004.02.041](https://doi.org/10.1016/j.palaeo.2004.02.041)
- Webber, A.J. 2005. The effects of spatial patchiness on the stratigraphic signal of biotic composition (type Cincinnati Series; Upper Ordovician). *PALAIOS* 20(1): 37-50. doi: [10.2110/palo.2004.p04-15](https://doi.org/10.2110/palo.2004.p04-15)
- Webber, A.J., and B.R. Hunda. 2007. Quantitatively comparing morphological trends to environment in the fossil record (Cincinnati Series; Upper Ordovician). *Evolution* 61(6): 1455-1465. doi: [10.1111/j.1558-5646.2007.00123.x](https://doi.org/10.1111/j.1558-5646.2007.00123.x)
- Wilson, M.A., T.J. Palmer, and P.D. Taylor. 1994. Earliest preservation of soft-bodied fossils by epibiont bioimmuration: Upper Ordovician of Kentucky. *Lethaia* 27(3): 269-270. doi: [10.1111/j.1502-3931.1994.tb01420.x](https://doi.org/10.1111/j.1502-3931.1994.tb01420.x)
- Wright, D.F., and A.L. Stigall. 2013a. Geologic drivers of Late Ordovician faunal change in Laurentia: investigating links between tectonics, speciation, and biotic invasions. *PLoS ONE* 8(7): e68353. doi: [10.1371/journal.pone.0068353](https://doi.org/10.1371/journal.pone.0068353)
- Wright, D.F., and A.L. Stigall. 2013b. Phylogenetic revision of the Late Ordovician orthid brachiopod genera *Plaesiomys* and *Hebertella* from Laurentia. *Journal of Paleontology* 87(6): 1107-1128. doi: [10.1666/12-083](https://doi.org/10.1666/12-083)
- Zuykov, M.A., and S.H. Butts. 2008. *Glyptorthis* (Foerste, 1914) and *Bassettella* new genus (Brachiopoda: Orthida) from the Late Ordovician of the East Baltic. *Journal of Paleontology* 82(1): 197-200. doi: [10.1666/06-068.1](https://doi.org/10.1666/06-068.1)
- Zuykov, M.A., and D.A.T. Harper. 2007. *Platystrophia* (Orthida) and new related Ordovician and Early Silurian brachiopod genera. *Estonian Journal of Earth Science* 56(1): 11-34. [[PDF at eap.ee](#)]

## Theses and dissertations

- Aucoin, C.D. 2014. Revised correlations of the Ordovician (Katian, Richmondian) Waynesville Formation of Ohio, Indiana and Kentucky. MS thesis, University of Cincinnati. [[Paper at ohiolink.edu](#)]
- Bauer, J.E. 2014. A phylogenetic and paleobiogeographic analysis of the Ordovician brachiopod *Eochonetes*. MS thesis, Ohio University. [[Paper at ohiolink.edu](#)]
- Brandt, D.S. 1980. Phenotypic variation and paleoecology of *Flexicalymene* [Arthropoda: Trilobita] in the Cincinnati Series (Upper Ordovician) near Cincinnati, Ohio. MS thesis, University of Cincinnati.
- Deline, B.L. 2009. The effects of scale, community structure, and environment on Ordovician through Early Silurian Laurentian crinoid disparity. PhD dissertation, University of Cincinnati. [[Paper at ohiolink.edu](#)]
- Ferree, R.A. 1994. Taphonomy, paleoecology and depositional environment of a trilobite lagerstätten, Mount Orab, Ohio. MS thesis, University of Cincinnati.
- Hanke [Hunda], B.R. 2004. *Flexicalymene* (Trilobita) from the Cincinnati Series (Upper Ordovician) of Ohio, Indiana, and Kentucky: a case study of microevolutionary pattern within a single species lineage in a sequence stratigraphic framework. PhD dissertation, University of California, Riverside.
- Hu, C.H. 1968. Ontogeny and sexual dimorphism of lower Paleozoic Trilobita. PhD dissertation, University of Cincinnati.
- Lam, A.R. 2015. Paleobiogeographic analyses of Late Ordovician faunal migrations: assessing regional and continental pathways and mechanisms. MS thesis, Ohio University. [[Paper at ohiolink.edu](#)]
- Lask, P.B. 1986. The hydrodynamics of sclerites from *Flexicalymene meeki* and *Phacops rana* (Trilobita). MS thesis, University of Cincinnati.
- Lewis, R.A. 2011. The paleoecology and biogeography of Ordovician edrioasteroids. PhD dissertation, University of Tennessee. [[Paper at tennessee.edu](#)]
- McLaughlin, P.I. 2002. Late Ordovician seismites of Kentucky and Ohio: a sedimentological and sequence stratigraphic approach. MS thesis, University of Cincinnati. [[Paper at ohiolink.edu](#)]
- Osgood, R.G., Jr. 1965. Trace fossils of the Cincinnati area. PhD dissertation, University of Cincinnati.
- Schramm, T.J. 2011. Sequence stratigraphy of the Late Ordovician (Katian), Maysvillian Stage of the Cincinnati Arch, Indiana, Kentucky, and Ohio, U.S.A. MS thesis, University of Cincinnati. [[Paper at ohiolink.edu](#)]
- Schweinfurth, M.F. 1958. Stratigraphy and paleoecology of the highest strata exposed at Cincinnati, Ohio. With an appendix of *Flexicalymene meeki* (Foerste). MS thesis, University of Cincinnati.

- Sheffield, S.L. 2017. The homology and phylogeny of the Diploporita (Blastozoa: Echinodermata). PhD dissertation, University of Tennessee. [[Paper at tennessee.edu](#)]
- Thomka, J.R. 2015. Dynamic linkages between stratigraphy, climate, oceanography, and biotic events in the middle Silurian of eastern Laurentia. PhD dissertation, University of Cincinnati. [[Paper at ohiolink.edu](#)]
- Tomin, M. 2017. Preservation of sea anemone burrows in Silurian (~432 million years old) carbonate rocks of southeastern Indiana, USA. Honors research project, University of Akron. [[Paper at uakron.edu](#)]
- Walls, B.J. 2009. Quantitative paleobiogeography of Maysvillian (Late Ordovician) brachiopod species of the Cincinnati Arch: A test of niche modeling methods for paleobiogeographic reconstruction. MS thesis, Ohio University. [[Paper at ohiolink.edu](#)]

## Abstracts, Posters, Presentations, and Field Trip Guidebooks

- Alley, H.N., I.A. Rahman, **J.W. Kallmeyer**, and B. Deline. 2017. Functional morphology of coiled anal sacs in Late Ordovician crinoids. Geological Society of America Abstracts with Programs 49(6): paper 84-6. doi: [10.1130/abs/2017AM-301394](https://doi.org/10.1130/abs/2017AM-301394)
- Aucoin, C.D., C.E. Brett, and J.R. Thomka. 2015. A sequence stratigraphic model for recurring trilobite-rich 'butter shales' in the Upper Ordovician (Katian) of the Cincinnati Arch. Geological Society of America Abstracts with Programs 47(5): 87. [[Abstract](#)]
- Bauer, J.E., A.R. Lam, R.M. Bryant, A.J. Fraass, K.B. Golder, **K.R. Hartshorn**, J.M. Hils, M.R. Limbeck, and S.L. Sheffield. 2017. Time Scavengers: a collaborative website for exploring climate change and evolution through scientists' experiences. Geological Society of America Abstracts with Programs 49(6): paper 362-6. doi: [10.1130/abs/2017AM-295553](https://doi.org/10.1130/abs/2017AM-295553)
- Brame, H.R., A.L. Stigall, and J.E. Bauer. 2013. Creating an online invertebrate paleontology museum: turning fossils into digital data. Geological Society of America Abstracts with Program 45, paper 127-2. [[Abstract](#)]
- Brett, C.E., B.D. Cramer, and T.L. Gerke (eds.). 2012a. Middle Paleozoic sequence stratigraphy and paleontology of the Cincinnati Arch: Part 1, Central Kentucky and Southern Ohio. International Geoscience Programme Project 591 2nd Annual Meeting and 1st Foerste Symposium field trip guide. [[PDF at igcp591.org](#)]
- Brett, C.E., B.D. Cramer, and T.L. Gerke (eds.). 2012b. Middle Paleozoic sequence stratigraphy and paleontology of the Cincinnati Arch: Part 2, Northern Kentucky and SE Indiana. International Geoscience Programme Project 591 2nd Annual Meeting and 1st Foerste Symposium field trip guide. [[PDF at igcp591.org](#)]
- Brett, C.E., T.J. Schramm, B.F. Dattilo, and N.T. Marshall. 2012c. Upper Ordovician strata of southern Ohio-Indiana: shales, shell beds, storms, sediment starvation, and cycles. Geological Society of America North-Central Section Meeting 2012, Field Trip 405 (self-published field guide). [[Paper at ipfw.edu](#)]

- Dattilo, B.F., R.L. Freeman, B.A. Utesch, **S. Felton**, and J. Pojeta Jr. 2011. An unusual association of *Pseudolingula* and *Rafinesquina* from the Upper Ordovician of Ohio. Geological Society of America Abstracts with Programs 43(1): 69. [[Abstract](#)]
- Dattilo, B., R.L. Freeman, **W.P. Heimbrock**, A.J. Martin, and A. Argast. 2014. Giants among micromorphs: phosphatic steinkerns are small because of taphonomic size-selectivity, not ecological stress. Geological Society of America Abstracts with Program 46(6): 629, paper 251-1. [[Abstract](#)]
- Davis, R. A. 2001. Science in the hinterland: "The Cincinnati School of Paleontology". In Geological Society of America Abstracts with Programs (Vol. 33, No. 6). [[Abstract](#)]
- Fine, R.**, C.E. Brett, B. Dattilo, and D.L. Meyer. 2012. An enigmatic lobate mat-like fossil(?) in the Kope Formation (Upper Ordovician), Kenton County, Kentucky. Geological Society of America Abstracts with Program 44(5), paper 24-10. [[Abstract](#)]
- Freeman, R.L., B.F. Dattilo, A. Morse, M. Blair, **S. Felton**, and J. Pojeta Jr. 2012. Stirred not shaken: using taphonomy to reconstruct paleoecological succession and taphonomic feedback in a Cincinnati (Ordovician, Ohio) storm-disturbed shell bed. Geological Society of America Abstracts with Programs 44(7): 273. [[Abstract](#)]
- Hartshorn, K.R.** 2017. Digital dry dredging: reassessing *Eobalanus*, Ruedemann's "Ancestral Acorn Barnacle". Geological Society of America Abstracts with Programs 49(2): paper 3-4. doi: [10.1130/abs/2017NE-290655](https://doi.org/10.1130/abs/2017NE-290655)
- Hunda, B.R. 2012. Collaboration in museum collections: community alliances that further collections-based initiatives. Geological Society of America Abstracts with Program 44(5), paper 23-6. [[Abstract](#)]
- Hunda, B.R. 2017. The Cincinnati School of Paleontology: how amateur paleontologists continue the tradition of the gentleman naturalist. Geological Society of America Abstracts with Programs 49(2): paper 3-1. doi: [10.1130/abs/2017NE-290287](https://doi.org/10.1130/abs/2017NE-290287)
- Kallmeyer, J.** 2017. The importance of professional involvement in avocational organizations - case history, the Dry Dredgers of Cincinnati, Ohio. Geological Society of America Abstracts with Programs 49(2): paper 3-2. doi: [10.1130/abs/2017NE-290807](https://doi.org/10.1130/abs/2017NE-290807)
- Lam, A.R., and A.L. Stigall. 2015. Paleobiogeographic analyses of Middle to Late Ordovician taxa with implications for continental and regional invasion events. Geological Society of America Abstracts with Programs 47(2): 2. [[Abstract](#)]
- Malgieri, T.J., C. Brett, J.R. Thomka, B. Dattilo, C.E. Schwalbach, and C.D. Aucoin. 2014. Calibrating water depths of a Late Ordovician ramp, southern Ohio and north-central Kentucky, USA. Geological Society of America Abstracts with Program 46(6): 626, paper 255-13. [[Abstract](#)]
- Meyer, D.L., C.E. Brett, B. Dattilo, and **R. Fine**. 2013. Ordovician trilobites getting under "dinosaur skin": complex preservation of a microbial mat (?) in offshore siliciclastic mudstone and carbonate facies: Kope Formation (Upper Ordovician), Kenton County, Kentucky, USA. Geological Society of America Abstracts with Program 45(7): 686, paper 297-13. [[Abstract](#)]

- Meyer, D.L., B. Dattilo, and **J. Kallmeyer**. 2008. Living on the edge: epizoan encrustation and alternative life orientations of the Upper Ordovician strophomenid brachiopod *Rafinesquina* from the Cincinnati Arch region. Geological Society of America Abstracts with Program 40(5): 84. [[Abstract](#)]
- Meyer, D.L., and **T.R. Weaver**. 1980. Biostratigraphy of crinoid-dominated communities in the lower Bull Fork Formation (Upper Ordovician) of southwestern Ohio. Geological Society of America Abstracts with Programs 12(5): 251.
- Paton, T., R.L. Freeman, and B.F. Dattilo. 2017. Encrusting on a coral graveyard: a reworked coral bed from the Upper Ordovician (Cincinnatian, Richmondian) of central Kentucky. Geological Society of America Abstracts with Programs 49(6): paper 175-3. doi: [10.1130/abs/2017AM-307594](https://doi.org/10.1130/abs/2017AM-307594)
- Sullivan, N.B., C.E. Brett, P.I. McLaughlin, M.A. Kleffner, B.D. Cramer, and J.R. Thomka. 2013. Constraints on the age and correlation of two problematic Telychian (Silurian; Llandovery) stratigraphic units in Ohio and Kentucky: synthesizing biostratigraphy,  $\delta^{13}\text{C}_{\text{carb}}$  chemostratigraphy, and sequence stratigraphy. Proceedings of the 3rd International Geoscience Programme Project 591 Meeting: 309-310. [[PDF of poster at uc.edu](#)]
- Sumrall, C.D., C.E. Brett, P.T. Work, and D.L. Meyer. 1999. Taphonomy and paleoecology of an edrioasteroid encrusted hardground in the lower Bellevue Formation at Maysville, Kentucky. 123-131. *IN* T.J. Algeo and C.E. Brett (eds.). Sequence, cycle & event stratigraphy of Upper Ordovician & Silurian strata of the Cincinnati Arch region. Field trip guidebook in conjunction with the 1999 Field Conference of the Great Lakes Section SEPM-SSG and the Kentucky Society of Professional Geologists.
- Thomka, J.R. 2017. The critical roles of avocational paleontologists in active quarry settings: an example from the Napoleon Quarry of southeastern Indiana. Geological Society of America Abstracts with Programs 49(2): paper 3-3. doi: [10.1130/abs/2017NE-291551](https://doi.org/10.1130/abs/2017NE-291551)
- Thomka, J.R., C.E. Brett, A.L. Young, **T.E. Bantel**, and **D.L. Bissett**. 2013. Taphonomy of 'cystoids' (Echinodermata: Diploporita) from the Napoleon Quarry of southeastern Indiana: the Middle Silurian Massie Formation as an atypical konservat-lagerstätte. Geological Society of America Abstracts with Program 45(7): 694, paper 300-10. [[Abstract](#)]
- Thomka, J.R., C.E. Brett, and R.D. Lewis. 2014. Sequence stratigraphic control over taphonomically complex pelmatozoan echinoderm lagerstätten in Paleozoic epeiric basins. Geological Society of America Abstracts with Program 46(6): 80, paper 23-12. [[Abstract](#)]
- Thomka, J.R., C.E. Brett, and **D.L. Bissett**. 2015. Small carbonate buildups in the Middle Silurian of southern Indiana: influences on echinoderm and trilobite taphonomy. Geological Society of America Abstracts with Program 47(7): 276, paper 98-6. [[Abstract](#)]
- Thomka, J.R., C.E. Brett, and **D.L. Bissett**. 2017. Parasitic embedment structures (*Tremichnus* spp.) in hemicosmitid rhombiferans: implications for host specificity and echinoderm

paleoecology. Geological Society of America Abstracts with Programs 49(6): paper 100-8. doi: [10.1130/abs/2017AM-307906](https://doi.org/10.1130/abs/2017AM-307906)

**Weaver, T.R.** 1975. Disconformable Maysville-Richmond stage boundary (Upper Ordovician) of the type area. Geological Society of America Abstracts with Programs 7(6): 878.

**Weaver, T.R.** 1976. Adaptive strategies of disparid inadunate crinoids of the type Cincinnati (Upper Ordovician). Geological Society of America Abstracts with Programs 8(4): 516.

Young, A.L., C.E. Brett, and P.I. McLaughlin. 2015. Bridging the limestone to shale transition: advances in platform to basin facies models using an integrated chronostratigraphic approach (Upper Ordovician; Kentucky and Ohio). Geological Society of America Abstracts with Programs 47(5): 87. [[Abstract](#)]

Zeszut, Z., M. Glasgow, T. Henderson, A.R. Lam, and A.L. Stigall. 2015. Digital Atlas of Ordovician Life: from fossil identification to the classroom. Geological Society of America Abstracts with Programs 47(2): 11. [[Abstract](#)]

## Books and Book Chapters

Brandt, D.S., and R.A. Davis. 2007. Trilobites, Cincinnati, and the "Cincinnati School of Paleontology". 29-50. *IN* D.G. Mikulic, E. Landing, and J. Klussendorf (eds.). *Fabulous Fossils—300 years of Worldwide Research on Trilobites*. New York State Museum Bulletin 507. [[PDF on nysm.nysed.gov](#)]

Brannen, P. 2017. *The Ends of the World: Volcanic Apocalypses, Lethal Oceans, and Our Quest to Understand Earth's Past Mass Extinctions*. Ecco Press, New York, New York. 322 p. [[HarperCollins](#)]

Brett, C.E., B. Deline, and P.I. McLaughlin. 2008. Attachment, facies distribution, and life history strategies in crinoids from the Upper Ordovician of Kentucky. 23-55. *IN* W.I. Ausich and G.D. Webster (eds.). *Echinoderm Paleobiology*. Indiana University Press, Bloomington, Indiana. 472 p. [[Google Books](#)]

Brett, C.E., T.J. Algeo, and P.I. McLaughlin. 2008. Use of event beds and sedimentary cycles in high-resolution stratigraphic correlation of lithologically repetitive successions (pp. 315-350). Springer Netherlands. Topics in Geobiology Volume 21, 2008, pp 315-350

**Dickey, B.** 1960. *Cincinnati's Lost Ocean*. 13 p.

Etter, W. 2002. Beecher's Trilobite Bed: Ordovician pyritization for the other half of the trilobite. 131-141. *IN* D.J. Bottjer, W. Etter, J.W. Hagadorn, and C.M. Tang (eds.). *Exceptional Fossil Preservation: A Unique View of the Evolution of Marine Life* Columbia University Press, New York, 424 p.

Meyer, D.L., and R.A. Davis. 2009. *A Sea Without Fish: Life in the Ordovician Sea of the Cincinnati Region*. Indiana University Press, Bloomington, Indiana. 346 p.

Parsley, R.L. 1988. Feeding and respiratory strategies in Stylophora. 347-361. *IN* C.R.C. Paul and A.B. Smith (eds.). *Echinoderm Phylogeny and Evolutionary Biology*. Clarendon Press, Oxford. 373 p.

**Sisson, P.**, and **R. Sisson**. 1988. *Elementary Cincinnati Fossils*. College of Mount St. Joseph, Cincinnati, Ohio. 52 p.

von Engeln, O.D., and K.E. Caster. 1952. *Geology*. McGraw-Hill Book Company, Inc., New York, New York. 730 p.

## Other Publications

Beathard, R. 1985. Searching out Cincinnati's Ordovician riches. *Horizons* 15(2): 8-11.

Bell, B.M. 1986. Presentation of the Harrell L. Strimple Award of the Paleontological Society to William H. White, Jr. *Journal of Paleontology* 60(3): 801-803. doi: [10.1017/S0022336000022459](https://doi.org/10.1017/S0022336000022459)

Brett, C.E. 2005. Presentation of the Harrell L. Strimple Award of the Paleontological Society to Thomas E. Whitely. *Journal of Paleontology* 79(4): 831-832. doi: [10.1666/0022-3360\(2005\)079\[0831:POTHL5\]2.0.CO;2](https://doi.org/10.1666/0022-3360(2005)079[0831:POTHL5]2.0.CO;2)

Briggs, D.E.G., and G.D. Edgecombe. 1993. Beecher's Trilobite Bed. *Geology Today* 9(3):97-102. doi: [10.1111/j.1365-2451.1993.tb01107.x](https://doi.org/10.1111/j.1365-2451.1993.tb01107.x)

**Cooper, D.** 1986. Cincinnati trilobites. *MAPS Digest* 9(4-5): 24-32.

Cuffey, R.J., and **R.L. Fine**. 2005. The largest known fossil bryozoan reassembled from near Cincinnati. *Ohio Geology* 2005(1): 1, 3-4. [[PDF on ohioodnr.gov](#)]

Cuffey, R.J., and **R.L. Fine**. 2006. Reassembled trepostomes and the search for the largest bryozoan colonies. *International Bryozoology Association Bulletin* 2(1): 13-15. [[PDF on bryozoa.net](#)]

**Dalve, E.** 1951. The Dry Dredgers. *The Compass of Sigma Gamma Epsilon*, 28(2): 105-106.

DiGregorio, B.E. 2003. Dissolution cavities in Upper Ordovician sandstones from Lake Ontario: analogs to vesiculated rocks on Mars? *Proceedings of SPIE 4859: Instruments, Methods, and Missions for Astrobiology V*: 57. doi: [10.1117/12.457566](https://doi.org/10.1117/12.457566)

**Felton, S.H.** 2002. Response by Stephen H. Felton for the Harrell L. Strimple Award, November 2001. *Journal of Paleontology* 76(4): 791. doi: [10.1666/0022-3360\(2002\)076<0791:R>2.0.CO;2](https://doi.org/10.1666/0022-3360(2002)076<0791:R>2.0.CO;2)

**Hand, G.** 2002. Cincinnati Elects Official Fossil. *Rocks & Minerals* 77(5): 333.

Hughes, N.C. 1996. Cincinnati Fossil Festival: Professional and amateur geologists work together to celebrate the city's fossil heritage. *GSA Today* 6(11): 14-15. [[PDF on geosociety.org](#)]

**Kallmeyer, J.** 2001. Notes from an obsessed amateur. *Priscum* 10(2): 8-9. [[PDF at paleosoc.org](#)]

**Kallmeyer, J.W.** and D.L. Meyer. 1997. The Dry Dredgers of Cincinnati, Ohio, USA. *Geology Today* 13(6): 228-230. doi: [10.1046/j.1365-2451.1997.00016.x](https://doi.org/10.1046/j.1365-2451.1997.00016.x)

Meyer, D.L. 2002. Presentation of the Harrell L. Strimple Award to Stephen Felton. *Journal of Paleontology* 76(4): 789-790. doi:

[10.1666/0022-3360\(2002\)076<0789:POTHLS>2.0.CO;2](https://doi.org/10.1666/0022-3360(2002)076<0789:POTHLS>2.0.CO;2)

Neal, M.L., and J. Hannibal. 2001. The search for *Sphenothallus*. *Explorer* 42(2): 14-16.

Schlesinger, V. 2008. The amateur scientists who might cure cancer—from their basements.

Discover Magazine (December 2008). [[Article on DiscoverMagazine.com](#)]

Staff Writer. 2002. The snails of old Ohio. *Popular Science*. [[Article on popsci.com](#)]

**White, W.H., Jr.** 1986. Response by William H. White, Jr. *Journal of Paleontology* 60(3):

803-803. doi: [10.1017/S0022336000022460](https://doi.org/10.1017/S0022336000022460)

Whiteley, T.E. 1998. Fossil Lagerstätten of New York, Part 1: Beecher's Trilobite Bed. *American Paleontologist* 6:2-4.

## Miscellaneous

- Several Dry Dredgers have provided photos, sources, and other assistance for Steven Holland's online guide to the stratigraphy and fossils of the Upper Ordovician near Cincinnati, Ohio [[strata.uga.edu/cincy](http://strata.uga.edu/cincy)].
- A large portion of Jack Kallmeyer's collection was donated to Ohio University in 2009. This collection has formed the basis of several publications above and is heavily used by the Digital Atlas of Ordovician Life [[www.ordovicianatlas.org](http://www.ordovicianatlas.org)].
- Dry Dredgers have contributed updates to R.A. Davis's Bibliography on the Type-Cincinnatian [[faculty.msj.edu/davisr/cintian/biblio.htm](http://faculty.msj.edu/davisr/cintian/biblio.htm)]
- Various contributions to the Time Scavengers website/blog [[timescavengers.blog](http://timescavengers.blog)]



