

## JAMES HAGADORN

Tim & Kathryn Ryan Curator of Geology  
*Department of Earth Sciences*  
*Denver Museum of Nature & Science*  
Denver, CO 80205  
*jwhagadorn@dmns.org*

### EDUCATION

**University of Southern California**, Los Angeles, California  
**Ph.D.**, Geological Sciences (1998).  
**University of Southern California**, Los Angeles, California  
**M.S.**, Geological Sciences (1995).  
**University of Pennsylvania**, Philadelphia, Pennsylvania  
**B.A.**, Geology, Environmental Studies (1991).

### RECENT PROFESSIONAL EXPERIENCE

**Senior Curator**, Department of Earth Sciences, Denver Museum of Nature & Science, 2017-present.  
**Associate Curator**, Department of Earth Sciences, Denver Museum of Nature & Science, 2010-2016.  
**Adjoint Curator**, University of Colorado Museum of Natural History, 2011-present.  
**Affiliate**, Department of Geosciences, Colorado State University, 2019-present.  
**Subject Editor**, Denver Museum of Nature & Science Annals, Aug 2011-present.  
**Adjunct Assistant Professor**, Department of Geosciences, UMass-Amherst, 2004–2010.  
**Assistant Professor**, Department of Geology, Amherst College, 2002-2010.  
**Faculty Member**, Organismic and Evolutionary Biology, UMass-Amherst, 2002-2010.  
**Visiting Professor**, Department of Geology and Geophysics, Yale University, 2005–2006.

### RECENT PEER-REVIEWED PUBLICATIONS (\*denotes student author)

Bonner\*, H. M., Arthurs, L. A., Roth, E. K., and **Hagadorn, J. W.**, 2023, Paleogeographic maps: Audience insights on portrayal of ancient terrain and climate: *GSA Today*, v. 33, p. 4-10.  
**Hagadorn, J. W.**, Bercovici, A., Fleming, R. F., Whiteley, K. R., Yusas, M. R., Lyson, T. R., and Henderson, C. H., 2023. Palynology of Permian redbed successions of Colorado and Wyoming and its influence on Laramide strata: *Rocky Mountain Geology*, v. 58, p. 1-17.  
Sullivan\*, P. M., Sonnenberg, S. A., Hankins\*, B. T., and **Hagadorn, J. W.**, 2023, Sedimentological and geochemical insights into the Cretaceous interior seaway: The Lower Cretaceous Skull Creek Formation, Colorado: *AAPG Bulletin*, v. 107, p. 761-784.  
Rowland, S. M., Korolev\*, S., **Hagadorn, J. W.**, and Ghosh, K., 2023, Frenchman Mountain Dolostone: A new Formation of the Cambrian Tonto Group, Grand Canyon and Basin and Range, USA: *Geosphere*, v. 19, p. 719-747.  
Plotnick, R. E., Young, G. A., and **Hagadorn, J. W.**, 2023, An abundant sea anemone from the Carboniferous Mazon Creek Lagerstätte, U.S.A.: *Papers in Palaeontology*, v. 9, e1479.  
**Hagadorn, J. W.**, 2022, Rocky Mountain paleontology: Digging the past with an eye to the future: *Mountain Geologist*, v. 59, p. 93-123.  
Petermann, H., Lyson, T. R., Miller, I. M., and **Hagadorn, J. W.**, 2022, Crushed turtle shells: Proxies for lithification and burial-depth histories: *Geosphere*, v. 18, p. 1524-1537.

- Foster, J. R., Sroka, S. D., Howells, T. F., Cothren\*, H. R., Dehler, C. M., and **Hagadorn, J. W.**, 2022, New Cambrian vermiform organisms from Burgess Shale-type deposits of the western United States: *Bulletin of Geosciences*, v. 97, p. 269-288.
- Tapia-Trinidad\*, J. F., Barron-Diaz, A. J., Paz-Moreno, F. A., Holm-Denoma, C., and **Hagadorn, J. W.**, 2022, Cambrian rift magmatism recorded in subvolcanic sills of the Ediacaran-Cambrian La Ciénega Formation, NW Mexico: *Applied Geochemistry*, v. 143, 105375.
- Holm-Denoma, C. S., Matthews, W. A., Soar, L. K., Longman, M. W., and **Hagadorn, J. W.**, 2022, Provenance of Devonian–Carboniferous strata of Colorado: The influence of the Cambrian and the Proterozoic: *Rocky Mountain Geology*, v. 57, p. 1-21.
- Hagadorn, J. W.**, Lahey, B. L., Soar, L. K., Longman, M. W., Over, D. J., and Mills, R. D., 2022, Insights into the Devonian–Carboniferous transition and Hangenberg Event from  $\delta^{13}\text{C}_{\text{carb}}$  and  $^{87}\text{Sr}/^{86}\text{Sr}$  chemostratigraphy of shallow platform carbonate strata of northwestern Colorado: *Rocky Mountain Geology*, v. 57, p. 23-33.
- Over, D. J., Wistort\*, Z., Soar, L. K., Bullecks, C. J. and **Hagadorn, J. W.**, 2021, Conodonts and the Devonian-Carboniferous transition in the Dyer Formation, Colorado: *Rocky Mountain Geology*, v. 56, p. 51-67.
- Hagadorn, J.W.**, Longman, M. W., Bottjer, R. J., Gent, V. A., Holm-Denoma, C. S., and Sumrall, J. B., 2021, The type section of the Codell Sandstone: *The Mountain Geologist*, v. 58, p. 211-248.

## RECENT POPULAR PUBLICATIONS

- Hagadorn, J. W.**, and Neu-Yagle, N. M., 2021, Gems in the pandemic rough: New acquisitions from Colorado, Mars and beyond: *Catalyst*, Fall, p. 10-11.
- Longman, M., and **Hagadorn, J.**, 2021, Introduction to this focused issue on the Codell Sandstone: *The Mountain Geologist*, v. 58, p. 208-209.
- Hagadorn, J. W.**, Spindler, E. J., Bowles, A. K., and Neu-Yagle, N. M., 2019, The meteorite collection of the Denver Museum of Nature & Science: *Denver Museum of Nature & Science Reports*, n. 17, 33 p.
- Holm-Denoma, C. S., Pianowski, L. S., **Hagadorn, J. W.**, and Nair, K., 2019, U-Pb detrital zircon data for: Select Pennsylvanian-Triassic sedimentary rocks from Colorado: U.S. Geological Survey data release, <https://doi.org/10.5066/P9Y2T172>.
- Hagadorn, J. W.**, 2018, Hollingsworth Collection at the DMNS: *Trilobite Papers*, v. 20, p. 7-8.
- Hagadorn, J. W.**, and Benzel, W. M., 2018, Richard Tripp, Colorado Collector: *The Outcrop*, v. 67, p. 20-36.
- Hagadorn, J.**, Lyson, T., and Miller, I., 2018, K-T Rocks: Slices of history: *Catalyst*, Winter, p. 8-9.
- Havens, L. G., Bucknam, S. H., and **Hagadorn, J. W.**, 2018, The micromount mineral collection of the Denver Museum of Nature & Science: *Denver Museum of Nature & Science Reports*, n. 11, 726 p.
- Bitting, C., and **Hagadorn, J. W.**, 2017, Fossilized lightning: *Catalyst*, Winter, p. 8-9.
- Louys, J., Bush, A., **Hagadorn, J. W.**, MacLeod, N., Patterson, R. T., Polly, P. D., 2017 Twenty Years Online! A brief history of Palaeontologia Electronica: *Palaeontologia Electronica*, v. 20.1.1E, <http://palaeo-electronica.org/content/2017/1843-twenty-years-online>
- Hagadorn, J.**, 2017, Please keep thinking scientifically in our strange times: *Post Independent*, Jul 2, p. A2.
- Hagadorn, J.**, 2017, Talking trash: *Pueblo Chieftain*, Jun 12, p. 11A.
- Hagadorn, J.**, 2017, Mountains out of molehills: *Ute Country News*, Jun, p. 21.
- Hagadorn, J.**, 2017, Why Colorado is a paradise for potholes: *Denver Post*, May 11, p. 12C.