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### How to cite the data

Example using *Paleobiology* format:

Kiessling, W., M. E. Clapham, A. I. Miller, P. J. Wagner, S. M. Holland, A. J. W. Hendy, F. T. Fursich, M. Aberhan, J. Alroy, L. Villier, Björn Kröger, M. Foote, M. E. Patzkowsky, D. J. Bottjer, M. J. Hopkins, and L. C. Ivany. 2013. Taxonomic occurrences of 600 Porifera Placozoa Ctenophora Cnidaria Orthonectida Rhombozoa Acoelomorpha Chaetognatha Hemichordata Echinodermata Xenoturbellida Vetulicolia Kinorhyncha Loricifera Priapulida Nematoda Nematomorpha Lobopodia Onychophora Tardigrada Arthropoda Platyhelminthes Gastrotricha Rotifera Acanthocephala Gnathostomulida Micrognathozoa Cycliophora Sipuncula Hyolitha Nemertea Phoronida Bryozoa Entoprocta Brachiopoda Mollusca Annelida Echiura. Paleobiology Database. <http://paleodb.org>.

You can also upload the citation using [RIS format](#).

### Major contributors

The major contributors to this data set were:

- Wolfgang Kiessling (4120 hours authorized = 39.7%)
- Matthew Clapham (1699 hours = 16.4%)
- Arnold Miller (614 hours = 5.9%)
- Pete Wagner (559 hours = 5.4%)
- Steven Holland (423 hours = 4.1%)
- Austin Hendy (371 hours = 3.6%)
- Franz Fursich (351 hours = 3.4%)
- Martin Aberhan (303 hours = 2.9%)
- John Alroy (271 hours = 2.6%)
- Loic Villier (206 hours = 2.0%)
- Björn Kröger (182 hours = 1.8%)
- Michael Foote (181 hours = 1.8%)
- Mark Patzkowsky (171 hours = 1.7%)
- David Bottjer (142 hours = 1.4%)
- Melanie Hopkins (84 hours = 0.8%)
- Linda Ivany (80 hours = 0.8%)

Additional contributors include Roger Benson, Nicole Bonuso, Richard Butler, Matt Carrano, Will Clyde, Sylvie Crasquin, Doug Erwin, Emmanuel Fara, Seth Finnegan, Peter Harries, Noel Heim, Dieter Korn, Matt Kosnik, Rich Krause, Conrad Labandeira, Karen Layou, Iuliana Lazar, Alex Lin, Philip Mannion, Alistair McGowan, Phil Novack-Gottshall, Alexander Nützel, Tom Olszewski, Shanan Peters, József Pálffy, Carrie Schweitzer, Jack Sepkoski, Jocelyn Sessa, Andrew Smith, George Stanley, Adam Tomasovych, Mark Uhen, Hongshan Wang, and Andrey Zhuravlev.

Each percentage is based on the estimated amount of time spent entering data by the authorizer and associated data enterers. The grand total is 10393 hours (equivalent to 5.2 work years). The estimate is based on (1) date stamps for keystroked collections and (2) counts of published references used to document uploaded collections.

### Major sources

Here are the publications that yielded the most records in this data set, in order of importance. Please cite some or all of them in any publication based on it. If possible, please also include the [marlinvoccs-refs.csv](#) file as online supplementary information.

S. M. Holland and M.E. Patzkowsky. 2007. Gradient ecology of a biotic invasion: biofacies of the type Cincinnati Series (Upper Ordovician), Cincinnati, Ohio region, USA. *Palaos* **22**:408-423 [700 collections, 4206 occurrences]

- J. J. Sepkoski Jr. 1998. Rates of speciation in the fossil record. *Philosophical Transaction of the Royal Society Biological Sciences* **353**(1366):315-326 [175 collections, 3666 occurrences]
- J. Manivit, Y.-M. Le Nindre, and D. Vaslet. 1990. Le Jurassique D`Arabie Centrale. *Document du BRGM* **4**(194):25-519 [266 collections, 2334 occurrences]
- M. Aberhan. 1992. Palökologie und zeitliche Verbreitung benthischer Faunengemeinschaften im Unterjura von Chile. *Beringeria* **5**:1-174 [179 collections, 2095 occurrences]
- J. K. Rigby, B. Senowbari-Daryan, and H. Liu. 1998. Sponges of the Permian Upper Capitan Limestone, Guadalupe Mountains, New Mexico and Texas. *BYU Geology Studies* **43**:19-117 [324 collections, 986 occurrences]
- K. M. Layout. 2009. Ecological restructuring after extinction: the Late Ordovician (Mohawkian) of the eastern United States. *Palaios* **24**:118-128 [276 collections, 971 occurrences]
- F. T. Fursich. 1999. Unpublished data. [116 collections, 1545 occurrences]
- M. E. Gahr. 2002. Palökologie benthischer Faunen aus dem Unter-Toarc SW-Europas. [118 collections, 1371 occurrences]
- B. N. Cooper and C. E. Prouty. 1943. Stratigraphy of the Lower Middle Ordovician of Tazewell County, Virginia. *Bulletin of the Geological Society of America* **54**:819-886 [104 collections, 1326 occurrences]
- T. J. Frest, C. E. Brett, and B. J. Witzke. 1999. Caradocian-Gedinnian echinoderm associations of Central and Eastern North America. *Paleocommunities—a case study from the Silurian and Lower Devonian* 638-783 [72 collections, 1800 occurrences]
- E. J. Andrade. 2005. Turonian inoceramids and biostratigraphy of the Sergipe Basin, northeastern Brazil: an integrated study of the Votorantim and Nassau quarries. 1-155 [256 collections, 486 occurrences]
- A. T. Allen and J. G. Lester. 1957. Zonation of the Middle and Upper Ordovician strata in northwestern Georgia. *Georgia State Division of Conservation, the Geological Survey Bulletin* **66**:1-104 [86 collections, 1431 occurrences]
- F. R. C. Reed. 1944. Brachiopoda and Mollusca from the Productus limestones of the Salt Range. *Palaeontologica Indica, Memoirs of the Geological Survey of India, New Series* **23**(2):1-596 [58 collections, 1979 occurrences]
- J. D. Loch. 2007. Trilobite biostratigraphy and correlation of the Kindblade Formation (Lower Ordovician) of Carter and Kiowa Counties, Oklahoma. *Oklahoma Geological Survey Bulletin* **149**:1-154 [238 collections, 469 occurrences]
- R. J. Ross, Jr. 1970. Ordovician Brachiopods, Trilobites, and Stratigraphy in Eastern and Central Nevada. *United States Geological Survey Professional Paper* **639** [173 collections, 639 occurrences]
- D. V. Osadchaya, L. N. Kashina, I. T. Zhuravleva and N. P. Borodina. 1979. Stratigrafiya i arkheotsiaty nizhnego kembriya Altaye-Sayanskoy skladchatoy oblasti [Lower Cambrian stratigraphy and archaeocyatha of the Altay-Sayan fold belt]. *Trudy Instituta Geologii i Geofiziki, Sibirskoye Otdeleniye* **380**:1-215 [79 collections, 1324 occurrences]
- B. Géczy and C. Meister. 1998. Les ammonites du Domérien de la montagne du Bakony (Hongrie). *Revue de Paléobiologie* **17**(1):69-161 [107 collections, 828 occurrences]
- S. Holzapfel. 1998. Palökologie benthischer Faunengemeinschaften und Taxonomie der Bivalven im Jura von Südtunesien. *Beringeria - Würzburger geowissenschaftliche Mitteilungen* (22) 1-199 [86 collections, 1027 occurrences]
- A. Vörös. 2009. The Pliensbachian brachiopods of the Bakony Mountains (Hungary). *Geologica Hungarica, Series Palaeontologica* **58**:1-300 [99 collections, 712 occurrences]
- A. F. Buddington and T. Chapin. 1929. Geology and mineral deposits of southeastern Alaska. *United States Geological Survey Bulletin* **800**:1-398 [109 collections, 614 occurrences]