

# Fair Sampling of Taxonomic Richness and Unbiased Est Extinction Rates

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Citation Report

#	ARTICLE	IF	CITATIONS
1	REEF RECOVERY FOLLOWING THE FRASNIAN-FAMENNIAN (LATE DEVONIAN) MASS EXTINCTION: EVIDENCE FROM THE DUGWAY RANGE, WEST-CENTRAL UTAH. <i>Palaios</i> , 2011, 26, 607-622.	0.6	12
2	Phanerozoic marine diversity: rock record modelling provides an independent test of large-scale trends. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4489-4495.	1.2	32
3	Horizon annealing: a collection-based approach to automated sequencing of the fossil record. <i>Lethaia</i> , 2012, 45, 532-547.	0.6	5
4	Sampling bias and the fossil record of planktonic foraminifera on land and in the deep sea. <i>Paleobiology</i> , 2012, 38, 569-584.	1.3	27
5	REGIONAL-SCALE MARINE FAUNAL CHANGE IN EASTERN AUSTRALIA DURING PERMIAN CLIMATE FLUCTUATIONS AND ITS RELATIONSHIP TO LOCAL COMMUNITY RESTRUCTURING. <i>Palaios</i> , 2012, 27, 627-635.	0.6	10
6	On the accuracy of paleodiversity reconstructions: a case study in Antarctic Neogene radiolarians. <i>Paleobiology</i> , 2013, 39, 491-509.	1.3	20
7	Habitat breadth and geographic range predict diversity dynamics in marine Mesozoic bivalves. <i>Paleobiology</i> , 2013, 39, 360-372.	1.3	35
8	Non-biotic controls of observed diversity in the paleontologic record: An example from the Permo-Triassic Karoo Basin of South Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 372, 62-77.	1.0	23
9	Rebuilding Biodiversity of Patagonian Marine Molluscs after the End-Cretaceous Mass Extinction. <i>PLoS ONE</i> , 2014, 9, e102629.	1.1	19
10	Accurate and precise estimates of origination and extinction rates. <i>Paleobiology</i> , 2014, 40, 374-397.	1.3	131
11	Diversity and species abundance patterns of the Early Cambrian (Series 2, Stage 3) Chengjiang Biota from China. <i>Paleobiology</i> , 2014, 40, 50-69.	1.3	58
12	Radiolarian biodiversity dynamics through the Triassic and Jurassic: implications for proximate causes of the end-Triassic mass extinction. <i>Paleobiology</i> , 2014, 40, 625-639.	1.3	18
13	Extinction patterns among bivalves in South China during the Permian-Triassic crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 78-88.	1.0	14
14	NEW EVIDENCE ON THE ROLE OF SILICEOUS SPONGES IN ECOLOGY AND SEDIMENTARY FACIES DEVELOPMENT IN EASTERN PANTHALASSA FOLLOWING THE TRIASSIC-JURASSIC MASS EXTINCTION. <i>Palaios</i> , 2014, 29, 652-668.	0.6	35
15	Ecosystem revolution and evolution in the Early-Mid Paleozoic. <i>Palaeoworld</i> , 2015, 24, 1-4.	0.5	1
16	Macroevolutionary History of the Planktic Foraminifera. <i>Annual Review of Earth and Planetary Sciences</i> , 2015, 43, 139-166.	4.6	65
17	Origination, extinction, invasion, and extirpation components of the brachiopod latitudinal biodiversity gradient through the Phanerozoic Eon. <i>Paleobiology</i> , 2015, 41, 330-341.	1.3	24
18	Climate-mediated diversification of turtles in the Cretaceous. <i>Nature Communications</i> , 2015, 6, 7848.	5.8	41

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19	Going south: Latitudinal change in mammalian biodiversity in Miocene Eurasia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 424, 123-131.	1.0	7
20	A morphospace of planktonic marine diatoms. I. Two views of disparity through time. <i>Paleobiology</i> , 2015, 41, 45-67.	1.3	20
21	A morphospace of planktonic marine diatoms. II. Sampling standardization and spatial disparity partitioning. <i>Paleobiology</i> , 2015, 41, 68-88.	1.3	6
22	Continuous evolutionary change in Plio-Pleistocene mammals of eastern Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10623-10628.	3.3	63
23	Expected time-invariant effects of biological traits on mammal species duration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13015-13020.	3.3	29
24	The extinction of the dinosaurs. <i>Biological Reviews</i> , 2015, 90, 628-642.	4.7	135
25	APPENDIX: Planktic foraminiferal diversity: logistic growth overprinted by a varying environment. <i>Acta Biologica Colombiana</i> , 2016, 21, .	0.1	0
26	A complete diversity of fossils: Perspectives. <i>Paleontological Journal</i> , 2016, 50, 541-548.	0.2	3
27	Stasis and change in Holocene small mammal diversity during a period of aridification in southeastern Utah. <i>Holocene</i> , 2016, 26, 1005-1019.	0.9	3
28	Integrating Paleontological and Phylogenetic Approaches to Macroevolution. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2016, 47, 189-213.	3.8	68
29	Twenty-million-year relationship between mammalian diversity and primary productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10908-10913.	3.3	42
30	Testing the Biases in the Rich Cenozoic Angiosperm Macrofossil Record. <i>International Journal of Plant Sciences</i> , 2016, 177, 371-388.	0.6	44
31	Brachiopod faunas after the end Ordovician mass extinction from South China: Testing ecological change through a major taxonomic crisis. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 502-514.	1.0	13
32	Biotic immigration events, speciation, and the accumulation of biodiversity in the fossil record. <i>Global and Planetary Change</i> , 2017, 148, 242-257.	1.6	61
33	Evaluating the accuracy of biodiversity changes through geologic times: from simulation to solution. <i>Paleobiology</i> , 2017, 43, 667-692.	1.3	8
34	Extinction rates of the Meade Basin rodents: application to current biodiversity losses. <i>Lethaia</i> , 2017, 50, 217-221.	0.6	1
35	Residual diversity estimates do not correct for sampling bias in palaeodiversity data. <i>Methods in Ecology and Evolution</i> , 2017, 8, 453-459.	2.2	19
36	Reliable estimates of beta diversity with incomplete sampling. <i>Ecology</i> , 2018, 99, 1051-1062.	1.5	20

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37	EVALUATION OF ICHNODIVERSITY BY IMAGE-RESAMPLING METHOD TO CORRECT OUTCROP EXPOSURE BIAS. <i>Palaios</i> , 2018, 33, 204-217.	0.6	1
38	The importance of sampling standardization for comparisons of insect herbivory in deep time: a case study from the late Palaeozoic. <i>Royal Society Open Science</i> , 2018, 5, 171991.	1.1	30
39	Drivers and constraints on floral latitudinal diversification gradients. <i>Journal of Biogeography</i> , 2018, 45, 1408-1419.	1.4	10
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43	Lepidosaurian diversity in the Mesozoic-Palaeogene: the potential roles of sampling biases and environmental drivers. <i>Royal Society Open Science</i> , 2018, 5, 171830.	1.1	33
44	Ecological disparity is more susceptible to environmental changes than familial taxonomic richness during the Cretaceous in the Alpstein region (northeastern Switzerland). <i>Swiss Journal of Palaeontology</i> , 2018, 137, 49-64.	0.7	3
45	Cephalopods from reef limestone of the Vasalemma Formation, northern Estonia (latest Sandbian,) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Palaeontology</i> , 2018, 16, 799-839.	0.6	5
46	Early mammalian recovery after the end-Cretaceous mass extinction: A high-resolution view from McGuire Creek area, Montana, USA. <i>Bulletin of the Geological Society of America</i> , 2018, , .	1.6	7
47	Shark and ray diversity in the Tropical America (Neotropics) an examination of environmental and historical factors affecting diversity. <i>PeerJ</i> , 2018, 6, e5313.	0.9	31
48	Insect Diversity from the Carboniferous to Recent. <i>Paleontological Journal</i> , 2018, 52, 610-619.	0.2	17
49	Multi-scale interplays of biotic and abiotic drivers shape mammalian sub-continental diversity over millions of years. <i>Scientific Reports</i> , 2018, 8, 13413.	1.6	15
50	The Palaeozoic colonization of the water column and the rise of global nekton. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180883.	1.2	22
51	No mass extinction for land plants at the Permian-Triassic transition. <i>Nature Communications</i> , 2019, 10, 384.	5.8	93
52	LATITUDINAL PATTERNS OF GASTROPOD DRILLING PREDATION INTENSITY THROUGH TIME. <i>Palaios</i> , 2019, 34, 261-270.	0.6	14
53	Timing and periodicity of Phanerozoic marine biodiversity and environmental change. <i>Scientific Reports</i> , 2019, 9, 6116.	1.6	19
54	Diversity patterns in upper Cambrian to Lower Ordovician trilobite communities of northwestern Argentina. <i>Palaeontology</i> , 2019, 62, 677-695.	1.0	7
55	Reductions in body size of benthic macroinvertebrates as a precursor of the early Toarcian (Early) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Palaeontology</i> , 2019, 62, 677-695.	1.3	26

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57	A Cretaceous peak in family-level insect diversity estimated with mark-recapture methodology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192054.	1.2	31
58	The cephalopods of the Kullberg Limestone Formation, Upper Ordovician, central Sweden and the effects of reef diversification on cephalopod diversity. <i>Journal of Systematic Palaeontology</i> , 2019, 17, 961-995.	0.6	2
59	Temporal area approach for distributional data in biogeography. <i>Cladistics</i> , 2019, 35, 435-445.	1.5	3
60	Fossil liberation: a model to explain high biodiversity in the Triassic Cassian Formation. <i>Palaeontology</i> , 2020, 63, 85-102.	1.0	16
61	Changes in calcareous nannoplankton assemblages around the Eocene-Oligocene climate transition in the Hungarian Palaeogene Basin (Central Paratethys). <i>Historical Biology</i> , 2021, 33, 1443-1456.	0.7	5
62	Ten more years of discovery: revisiting the quality of the sauropodomorph dinosaur fossil record. <i>Palaeontology</i> , 2020, 63, 951-978.	1.0	14
63	Lagerst�tte effect drives notosuchian palaeodiversity (Crocodyliformes, Notosuchia). <i>Historical Biology</i> , 2021, 33, 3031-3040.	0.7	7
64	The apparent exponential radiation of Phanerozoic land vertebrates is an artefact of spatial sampling biases. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200372.	1.2	38
65	Global climate changes account for the main trends of conodont diversity but not for their final demise. <i>Global and Planetary Change</i> , 2020, 195, 103325.	1.6	12
66	The Pull of the Recent revisited: negligible species-level effect in a regional marine fossil record. <i>Paleobiology</i> , 2020, 46, 470-477.	1.3	5
67	Tracing the patterns of non-marine turtle richness from the Triassic to the Palaeogene: from origin to global spread. <i>Palaeontology</i> , 2020, 63, 753-774.	1.0	12
68	Formation binning: a new method for increased temporal resolution in regional studies, applied to the Late Cretaceous dinosaur fossil record of North America. <i>Palaeontology</i> , 2020, 63, 881-901.	1.0	20
69	Two-step extinction of Late Cretaceous marine vertebrates in northern Gulf of Mexico prolonged biodiversity loss prior to the Chicxulub impact. <i>Scientific Reports</i> , 2020, 10, 4169.	1.6	4
70	Flat latitudinal diversity gradient caused by the Permian-Triassic mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17578-17583.	3.3	50
71	Resilience of marine invertebrate communities during the early Cenozoic hyperthermals. <i>Scientific Reports</i> , 2020, 10, 2176.	1.6	14
72	A high-resolution summary of Cambrian to Early Triassic marine invertebrate biodiversity. <i>Science</i> , 2020, 367, 272-277.	6.0	298
73	Euselachian diversity through the uppermost Cretaceous Hell Creek Formation of Garfield County, Montana, USA, with implications for the Cretaceous-Paleogene mass extinction in freshwater environments. <i>Cretaceous Research</i> , 2020, 113, 104483.	0.6	4

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75	The end-Guadalupian (259.8 Ma) biodiversity crisis: the sixth major mass extinction?. <i>Historical Biology</i> , 2021, 33, 716-722.	0.7	42
77	OUP accepted manuscript. <i>Systematic Biology</i> , 2021, , .	2.7	1
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79	Trilobite biodiversity trends in the Devonian of North Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 565, 110208.	1.0	8
80	Living on the edge: The impact of protracted oxygen stress on life in the Late Devonian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 566, 110226.	1.0	12
81	Evidence from South Africa for a protracted end-Permian extinction on land. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	57
82	Truncated bimodal latitudinal diversity gradient in early Paleozoic phytoplankton. <i>Science Advances</i> , 2021, 7, .	4.7	20
83	Extinction at the end-Cretaceous and the origin of modern Neotropical rainforests. <i>Science</i> , 2021, 372, 63-68.	6.0	115
84	Quantifying the middle-“late Cambrian trilobite diversity pattern in South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 570, 110361.	1.0	4
85	Out of the extratropics: the evolution of the latitudinal diversity gradient of Cenozoic marine plankton. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210545.	1.2	8
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87	Early Paleozoic radiolarian plankton diversity and the Great Ordovician Biodiversification Event. <i>Earth-Science Reviews</i> , 2021, 218, 103672.	4.0	7
88	Phanerozoic parasitism and marine metazoan diversity: dilution versus amplification. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200366.	1.8	18
89	Morphospaces and Databases: Diatom Diversification through Time. <i>Biologically-inspired Systems</i> , 2015, , 17-37.	0.4	1
91	Cenozoic Planktonic Marine Diatom Diversity and Correlation to Climate Change. <i>PLoS ONE</i> , 2014, 9, e84857.	1.1	93
92	Changes to the Fossil Record of Insects through Fifteen Years of Discovery. <i>PLoS ONE</i> , 2015, 10, e0128554.	1.1	51
93	An examination of the impact of Olson’s extinction on tetrapods from Texas. <i>PeerJ</i> , 2018, 6, e4767.	0.9	9

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94	Assessing the reliability of raptor pellets in recording local small mammal diversity. <i>Quaternary Research</i> , 0, , 1-10.	1.0	3
95	Planktic foraminiferal diversity: logistic growth overprinted by a varying environment. <i>Acta Biologica Colombiana</i> , 2016, 21, 501.	0.1	0
97	Ocean warming affected faunal dynamics of benthic invertebrate assemblages across the Toarcian Oceanic Anoxic Event in the Iberian Basin (Spain). <i>PLoS ONE</i> , 2020, 15, e0242331.	1.1	4
98	Marine diversity patterns in Australia are filtered through biogeography. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211534.	1.2	2
100	Miniaturization during a Silurian environmental crisis generated the modern brittle star body plan. <i>Communications Biology</i> , 2022, 5, 14.	2.0	4
101	Topology-Based Three-Dimensional Reconstruction of Delicate Skeletal Fossil Remains and the Quantification of Their Taphonomic Deformation. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	10
102	Post-Ordovician trilobite diversity and evolutionary faunas. <i>Earth-Science Reviews</i> , 2022, 230, 104035.	4.0	9
103	When less is more and more is less: the impact of sampling effort on species delineation. <i>Palaeontology</i> , 2022, 65, .	1.0	4
105	A review of Paleozoic phytoplankton biodiversity: Driver for major evolutionary events?. <i>Earth-Science Reviews</i> , 2022, 232, 104113.	4.0	13
106	Two cosmopolitanism events driven by different extreme paleoclimate regimes. <i>Global and Planetary Change</i> , 2022, 216, 103899.	1.6	1
107	Anisian (Middle Triassic) stromatolites from Southwest China: Biogeological features and implications for variations of filament size and diversity of Triassic cyanobacteria. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111150.	1.0	2
108	Spatiotemporal impacts of the Anthropocene on small mammal communities, and the role of small biological preserves in maintaining biodiversity. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
110	Rates of Origination and Extinction of Genera and the General Scheme of the Diversification of Phanerozoic Marine Animals. <i>Paleontological Journal</i> , 2022, 56, 471-477.	0.2	0
111	The early diversification of ray-finned fishes (<sc>Actinopterygii</sc>): hypotheses, challenges and future prospects. <i>Biological Reviews</i> , 2023, 98, 284-315.	4.7	4
112	Sampling biases obscure the early diversification of the largest living vertebrate group. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	3
113	Diversity dependence is a ubiquitous phenomenon across Phanerozoic oceans. <i>Science Advances</i> , 2022, 8, .	4.7	6
114	Combining palaeontological and neontological data shows a delayed diversification burst of carcharhiniform sharks likely mediated by environmental change. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
115	Increased bivalve cosmopolitanism during the mid-Phanerozoic mass extinctions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 611, 111362.	1.0	1

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116	Coupling of taxonomic diversity and morphological disparity in Devonian trilobites?. Historical Biology, 2024, 36, 473-484.	0.7	2
117	Challenges and directions in analytical paleobiology. Paleobiology, 2023, 49, 377-393.	1.3	5
118	The effect of geological biases on our perception of early land plant radiation. Palaeontology, 2023, 66, .	1.0	2
120	Comparing Extinction Rates: Past, Present, and Future. , 2024, , 348-365.		0
124	Biological Diversity in Deep Time. , 2024, , 251-263.		0