Post-Paleozoic Patterns in Marine Predation: Was there Predatory Revolution?

The Paleontological Society Papers

8, 119-194

DOI: 10.1017/s108933260000108x

Citation Report

#	Article	IF	Citations
1	The Fossil Record of Predation: An Overview of Analytical Methods. The Paleontological Society Papers, 2002, 8, 3-42.	0.6	160
2	The Escalation Hypothesis: One Long Argument. Palaios, 2003, 18, 83-86.	1.3	9
3	Terquemia (Dentiterquemia) eudesdeslongchampsinew subgenus and species, an interesting cementing bivalve from the Lower Jurassic of the western Carpathians (Slovakia). Journal of Paleontology, 2004, 78, 1086-1090.	0.8	2
4	TERQUEMIA (DENTITERQUEMIA) EUDESDESLONGCHAMPSI NEW SUBGENUS AND SPECIES, AN INTERESTING CEMENTING BIVALVE FROM THE LOWER JURASSIC OF THE WESTERN CARPATHIANS (SLOVAKIA). Journal of Paleontology, 2004, 78, 1086-1090.	0.8	9
5	Evolutionary dynamics of gastropod size across the end-Permian extinction and through the Triassic recovery interval. Paleobiology, 2005, 31, 269-290.	2.0	142
6	Dissecting post-Palaeozoic arms races. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 232, 322-343.	2.3	59
7	Traces of Gastropod Predation on Molluscan Prey in Tropical Reef Environments. , 2007, , 324-344.		9
8	Taphonomy of dense ophiuroid accumulations from the Middle Triassic of Poland. Lethaia, 2008, 41, 47-58.	1.4	23
9	Specialized shell-breaking crab claws in Cretaceous seas. Biology Letters, 2008, 4, 290-293.	2.3	23
10	Failed predation in Late Ordovician gastropods (Mollusca) from Manitoulin Island, Ontario, CanadaThis article is one of a selection of papers published in this Special Issue on the theme The dynamic reef and shelly communities of the Paleozoic. This Special is in honour of our colleague and friend Paul Copper.. Canadian Journal of Earth Sciences, 2008, 45, 231-241.	1.3	21
11	Predation on bellerophontiform molluscs in the Palaeozoic. Lethaia, 2009, 42, 469-485.	1.4	17
12	Pathologies of non-marine bivalve shells from the Late Triassic of Poland. Lethaia, 2009, 43, 285.	1.4	12
13	In Quest of Cyrtocrinid Origins: Evidence from Late Triassic Ossicles from the Tatra Mountains. Acta Palaeontologica Polonica, 2009, 54, 171-174.	0.4	9
14	Patterns and ecosystem consequences of shark declines in the ocean. Ecology Letters, 2010, 13, 1055-1071.	6.4	706
15	Taphonomy: Bias and Process Through Time. Topics in Geobiology, 2010, , 1-17.	0.5	13
16	Post-Paleozoic crinoid radiation in response to benthic predation preceded the Mesozoic marine revolution. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5893-5896.	7.1	123
17	THE DECAPODA (CRUSTACEA) AS PREDATORS ON MOLLUSCA THROUGH GEOLOGIC TIME. Palaios, 2010, 25, 167-182.	1.3	57
18	An unusual Late Triassic nuculid bivalve with divaricate shell ornamentation, and the evolutionary history of oblique ribs in Triassic bivalves. Journal of Paleontology, 2011, 85, 22-28.	0.8	7

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19	Paleoecologic Megatrends in Marine Metazoa. Annual Review of Earth and Planetary Sciences, 2011, 39, 241-269.	11.0	99
20	Vermeij Crushing Analysis: A new old technique for estimating crushing predation in gastropod assemblages. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 305, 123-137.	2.3	26
21	Coping between crises: Early Triassicâ€“early Jurassic bivalve diversity dynamics. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 311, 184-199.	2.3	28
22	Direct evidence of hybodont shark predation on Late Jurassic ammonites. Die Naturwissenschaften, 2011, 98, 545-549.	1.6	23
23	Bromalites from the Middle Triassic of Poland and the rise of the Mesozoic Marine Revolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 321-322, 142-150.	2.3	38
24	A new specimen of Ichthyosaurus communis from Dorset, UK, and its bearing on the stratigraphical range of the species. Proceedings of the Geologists Association, 2012, 123, 146-154.	1.1	11
25	The oldest record of predation on echinoids: evidence from the Middle Jurassic of Poland. Lethaia, 2013, 46, 141-145.	1.4	12
26	Proposed evolutionary changes in the role of myelin. Frontiers in Neuroscience, 2013, 7, 202.	2.8	19
27	Coprolites from the upper Osawa Formation (upper Spathian), northeastern Japan: Evidence for predation in a marine ecosystem 5Myr after the end-Permian mass extinction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 225-232.	2.3	23
28	Latitudinal variation of brachiopod ornamentation in the Jurassic faunas from the western Tethys and its possible relation to a predation gradient. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 403, 57-65.	2.3	7
29	Paleoecological significance of coupling metrics of successful and unsuccessful shell-breaking predation: Examples using Neogene bivalve prey. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 399, 89-97.	2.3	10
30	Low durophagous predation on early Toarcian (Early Jurassic) ammonoids in the northwestern Panthalassa shelf basin. Acta Palaeontologica Polonica, 0, , .	0.4	3
32	Caedichnus, a New Ichnogenus Representing Predatory Attack on the Gastropod Shell Aperture. Ichnos, 2015, 22, 87-102.	0.5	21
33	Ammonoid Paleopathology. Topics in Geobiology, 2015, , 877-926.	0.5	20
34	Constraining the Deep Origin of Parasitic Flatworms and Host-Interactions with Fossil Evidence. Advances in Parasitology, 2015, 90, 93-135.	3.2	47
35	Assessing the influence of escalation during the Mesozoic Marine Revolution: Shell breakage and adaptation against enemies in Mesozoic ammonites. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 440, 632-646.	2.3	16
36	The Effect of Taxonomic Corrections on Phanerozoic Generic Richness Trends in Marine Bivalves with a Discussion on the Cladeâ€™s Overall History. Paleobiology, 2016, 42, 157-171.	2.0	15
37	LATE TRIASSIC DUROPHAGY AND THE ORIGIN OF THE MESOZOIC MARINE REVOLUTION. Palaios, 2016, 31, 122-124.	1.3	12

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38	Paleontology, paleobiogeography and paleoecology of Carolia-bearing beds from the Late Eocene rocks at Nile-Fayum Divide, Egypt. Journal of African Earth Sciences, 2016, 124, 447-477.	2.0	12
39	Uncovering the holes and cracks: from anecdote to testable hypotheses in predation studies. Palaeontology, 2016, 59, 597-609.	2.2	18
40	Diversity and morphological evolution of Jurassic belemnites from South Germany. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 457, 80-97.	2.3	30
41	Does ecological redundancy maintain functioning of marine benthos on centennial to millennial time scales?. Marine Ecology, 2016, 37, 392-410.	1.1	17
42	Durophagous predation on scaphitid ammonoids in the Late Cretaceous Western Interior Seaway of North America. Lethaia, 2016, 49, 28-42.	1.4	12
43	Regional and environmental variation in escalatory ecological trends during the Jurassic: a western Tethys hotspot for escalation?. Paleobiology, 2017, 43, 569-586.	2.0	3
44	Iterative ontogenetic development of ammonoid conch shapes from the Devonian through to the Jurassic. Palaeontology, 2017, 60, 703-726.	2.2	6
45	Revision of Eocene electric rays (Torpediniformes, Batomorphii) from the Bolca Konservat-LagerstÂtte, Italy, reveals the first fossil embryoin situin marine batoids and provides new insights into the origin of trophic novelties in coral reef fishes. Journal of Systematic Palaeontology, 2018, 16, 1189-1219.	1.5	19
46	Food web consequences of an evolutionary arms race: Molluscs subject to crab predation on intertidal mudflats in Oman are unavailable to shorebirds. Journal of Biogeography, 2018, 45, 342-354.	3.0	11
47	The effects of predation on the preservation of ontogenetically young individuals. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 490, 404-414.	2.3	7
48	Predation in the marine fossil record: Studies, data, recognition, environmental factors, and behavior. Earth-Science Reviews, 2019, 194, 472-520.	9.1	74
49	Evidence of endothermy in the extinct macropredatory osteichthyan Xiphactinus audax (Teleostei, Ichthyodectiformes). Journal of Vertebrate Paleontology, 2019, 39, e1724123.	1.0	3
50	Modelling crushing crab predation on bivalve prey using finite element analysis. Historical Biology, 2019, , 1-10.	1.4	3
51	Early Jurassic â€œworm holothuriansâ€•(Echinodermata) as faecal traces of a worm-like holothurian-eater reflecting the consumed species. Palaontologische Zeitschrift, 2019, 93, 265-283.	1.6	4
52	Eocene sand tiger sharks (Lamniformes, Odontaspididae) from the Bolca Konservat-LagerstÃtte, Italy: palaeobiology, palaeobiogeography and evolutionary significance. Historical Biology, 2019, 31, 102-116.	1.4	16
53	Regurgitalites â€“ a window into the trophic ecology of fossil cephalopods. Journal of the Geological Society, 2020, 177, 82-102.	2.1	23
54	Predator type influences the frequency of functional responses to prey in marine habitats. Biology Letters, 2020, 16, 20190758.	2.3	31
55	Niche partitioning among the Mesozoic echinoderms: biotic vs abiotic traits. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	4

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56	Bromalites from the Upper Triassic Polzberg section (Austria); insights into trophic interactions and food chains of the Polzberg palaeobiota. Scientific Reports, 2020, 10, 20545.	3.3	7
57	Fish and crab coprolites from the latest Triassic of the UK: From Buckland to the Mesozoic Marine Revolution. Proceedings of the Geologists Association, 2020, 131, 699-721.	1.1	14
58	Skeletal pathologies track body plan evolution in ichthyosaurs. Scientific Reports, 2020, 10, 4206.	3.3	4
59	A revision of the Upper Cretaceous shark Ptychodus mediterraneus Canavari, 1916 from northeastern Italy, with a reassessment of P.Âlatissimus and P.Âpolygyrus Agassiz, 1835 (Chondrichthyes;) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.4	8
60	Octopodoidea as predators near the end of the Mesozoic Marine Revolution. Biological Journal of the Linnean Society, 2021, 132, 894-899.	1.6	8
61	An asynchronous Mesozoic marine revolution: the Cenozoic intensification of predation on echinoids. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210400.	2.6	9
62	Fossilized leftover falls as sources of palaeoecological data: a â€˜pabuliteâ€™ comprising a crustacean, a belemnite and a vertebrate from the Early Jurassic Posidonia Shale. Swiss Journal of Palaeontology, 2021, 140, 10.	1.7	9
63	Vertical escape tactics and movement potential of orthoconic cephalopods. PeerJ, 2021, 9, e11797.	2.0	8
64	The Mesozoic Marine Revolution. Topics in Geobiology, 2016, , 19-134.	0.5	28
65	Early Triassic Marine Biotic Recovery: The Predators' Perspective. PLoS ONE, 2014, 9, e88987.	2.5	108
66	Ecological impact of the end-Cretaceous extinction on lamniform sharks. PLoS ONE, 2017, 12, e0178294.	2.5	24
67	Predatory evidence in the high-latitude cold-water gastropod Buccinanops deformis (King, 1832) from the Holocene littoral sand ridges, Argentina, SW Atlantic. Boletin De La Sociedad Geologica Mexicana, 2018, 70, 293-305.	0.3	2
68	A systematic review of animal predation creating pierced shells: implications for the archaeological record of the Old World. PeerJ, 2017, 5, e2903.	2.0	8
69	GASTROPOD DRILLING PREDATION IN THE UPPER JURASSIC OF KUTCH, INDIA. Palaios, 2021, 36, 301-312.	1.3	5
70	Unveiling the Permian and Triassic record of drilling predation on ostracods. Marine Micropaleontology, 2022, 173, 102113.	1.2	4
71	Adaptive Evolution of Learning and Memory in a Model Lineage. , 2022, , 33-51.		1
73	Triassic Revolution. Frontiers in Earth Science, 0, 10, .	1.8	20
74	The mobile domicile boring Trypanites mobilis revisited â€“ new observations and implications for ecosystem recovery following the Cretaceous â€“ Palaeogene mass extinction. Lethaia, 2022, 55, 1-18.	1.4	1

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75	Actinopterygian and chondrichthyan ichthyoliths reveal enhanced cosmopolitanism in Late Triassic marine ecosystems. Historical Biology, 2023, 35, 2022-2035.	1.4	3
76	How long does a brachiopod shell last on a seafloor? Modern midâ€bathyal environments as taphonomic analogues of continental shelves prior to the Mesozoic Marine Revolution. Palaeontology, 2022, 65, .	2.2	1
77	The extinct shark, Ptychodus (Elasmobranchii, Ptychodontidae) in the Upper Cretaceous of central-western Russiaâ€"The road to easternmost peri-Tethyan seas. Journal of Vertebrate Paleontology, 2022, 42, .	1.0	3
78	Deep resilience: An evolutionary perspective on calcification in an age of ocean acidification. Frontiers in Physiology, 0, 14, .	2.8	1
79	Patterns and processes in the history of body size in turritelline gastropods, Jurassic to Recent. Paleobiology, 2023, 49, 621-641.	2.0	3
80	There Was No Mesozoic Marine Revolution. , 0, , .		0
81	Top of the food chains: an ecological network of the marine Paja Formation biota from the Early Cretaceous of Colombia reveals the highest trophic levels ever estimated. Zoological Journal of the Linnean Society, 0, , .	2.3	0
82	A diverse assemblage of Ptychodus species (Elasmobranchii: Ptychodontidae) from the Upper Cretaceous of Ukraine, with comments on possible diversification drivers during the Cenomanian. Cretaceous Research, 2023, 151, 105659.	1.4	1