

Michael J Raupach

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

2,329
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#	ARTICLE	IF	CITATIONS
1	Out of taxonomic crypsis: A new trans-arctic cryptic species pair corroborated by phylogenetics and molecular evidence. <i>Molecular Phylogenetics and Evolution</i> , 2022, 166, 107312.	1.2	4
2	Peering into the Darkness: DNA Barcoding Reveals Surprisingly High Diversity of Unknown Species of Diptera (Insecta) in Germany. <i>Insects</i> , 2022, 13, 82.	1.0	27
3	Surprisingly high genetic divergence of the mitochondrial DNA barcode fragment (COI) within Central European woodlice species (Crustacea, Isopoda, Oniscidea). <i>ZooKeys</i> , 2022, 1082, 103-125.	0.5	7
4	The complete mitochondrial genomes of <i>Notiophilus quadripunctatus</i> Dejean, 1826 and <i>Omopron limbatum</i> (Fabricius, 1777): New insights into the mitogenome phylogeny of the Carabidae (Insecta, Coleoptera). <i>Molecular Biology and Evolution</i> , 2022, 39, 107-117.	0.8	10
5	Relicts from Glacial Times: The Ground Beetle <i>Pterostichus adstrictus</i> Eschscholtz, 1823 (Coleoptera: Carabidae). <i>ZooKeys</i> , 2021, 1078, 1-14.	1.0	4
6	First insights into the phylogeography and demographic history of the common hermit crab <i>Pagurus bernhardus</i> (Linnaeus, 1758) (Decapoda: Anomura: Paguridae) across the Eastern Atlantic and North Sea. <i>Journal of Crustacean Biology</i> , 2020, 40, 435-449.	0.3	1
7	A DNA barcode library for ground beetles of Germany: the genus <i>Pterostichus</i> Bonelli, 1810 and allied taxa (Insecta, Coleoptera, Carabidae). <i>ZooKeys</i> , 2020, 980, 93-117.	0.5	8
8	About <i>Notiophilus Duméril</i> , 1806 (Coleoptera, Carabidae): Species delineation and phylogeny using DNA barcodes. <i>Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift</i> , 2019, 66, 63-73.	0.3	9
9	Cryptic species in a well-known habitat: applying taxonomics to the amphipod genus <i>Epimeria</i> (Crustacea, Peracarida). <i>Scientific Reports</i> , 2018, 8, 6893.	1.6	15
10	Species diversity and abundance of shipworms (Mollusca: Bivalvia: Teredinidae) in woody marine debris generated by the Great East Japan Earthquake and Tsunami of 2011. <i>Aquatic Invasions</i> , 2018, 13, 87-100.	0.6	13
11	A molecular phylogeny of wood-borers (Teredinidae) from Japanese Tsunami Marine Debris. <i>Aquatic Invasions</i> , 2018, 13, 101-112.	0.6	8
12	A DNA barcode library for ground beetles of Germany: the genus <i>Amara</i> Bonelli, 1810 (Insecta, Coleoptera, Carabidae). <i>ZooKeys</i> , 2018, 820, 1-14.	0.5	29
13	From water striders to water bugs: the molecular diversity of aquatic Heteroptera (Gerromorpha, Insecta). <i>ZooKeys</i> , 2018, 820, 1-14.	0.9	31
14	Egg identification of three economical important fish species using DNA barcoding in comparison to a morphological determination. <i>Journal of Applied Ichthyology</i> , 2017, 33, 925-932.	0.3	19
15	Species identification of echinoderms from the North Sea by combining morphology and molecular data. <i>Helgoland Marine Research</i> , 2017, 70, .	1.3	17
16	Full-length and mini-length DNA barcoding for the identification of seafood commercially traded in Germany. <i>Food Control</i> , 2017, 73, 922-929.	2.8	43
17	Ocean currents determine functional connectivity in an Antarctic deep-sea shrimp. <i>Marine Ecology</i> , 2016, 37, 1336-1344.	0.4	23
18	Identification of <i>Northeast</i> molluscs with DNA barcoding. <i>Molecular Ecology Resources</i> , 2016, 16, 288-297.	2.2	68

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19	DNA barcoding and morphological studies confirm the occurrence of three <i>Atarbolana</i> (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overl... 2016, 4200, 153.	0.2	3
20	Assembling and auditing a comprehensive <scp>DNA</scp> barcode reference library for European marine fishes. <i>Journal of Fish Biology</i> , 2016, 89, 2741-2754.	0.7	30
21	Cryptic species of cardinalfish with evidence for old and new divergence. <i>Coral Reefs</i> , 2016, 35, 437-450.	0.9	8
22	Seasonal variation in parasite infection patterns of marine fish species from the Northern Wadden Sea in relation to interannual temperature fluctuations. <i>Journal of Sea Research</i> , 2016, 113, 73-84.	0.6	18
23	The application of "omics" technologies for the classification and identification of animals. <i>Organisms Diversity and Evolution</i> , 2016, 16, 1-12.	0.7	49
24	A DNA barcode library for ground beetles (Insecta, Coleoptera, Carabidae) of Germany: The genus <i>Bembidion</i> Latreille, 1802 and allied taxa. <i>ZooKeys</i> , 2016, 592, 121-141.	0.5	28
25	The Application of DNA Barcodes for the Identification of Marine Crustaceans from the North Sea and Adjacent Regions. <i>PLoS ONE</i> , 2015, 10, e0139421.	1.1	112
26	An application of in situ hybridization for the identification of commercially important fish species. <i>Fisheries Research</i> , 2015, 170, 1-8.	0.9	5
27	High-Throughput Sequencing "The Key to Rapid Biodiversity Assessment of Marine Metazoa?. <i>PLoS ONE</i> , 2015, 10, e0140342.	1.1	45
28	Looking back on a decade of barcoding crustaceans. <i>ZooKeys</i> , 2015, 539, 53-81.	0.5	41
29	A new species of Cymodoce Leach, 1814 (Crustacea: Isopoda: Tj ETQq1 1 0.784314 rgBT /Overl... species. <i>Zootaxa</i> , 2014, 3826, 230.	0.2	17
30	The application of DNA sequence data for the identification of benthic nematodes from the North Sea. <i>Helgoland Marine Research</i> , 2014, 68, 549-558.	1.3	11
31	Building-Up of a DNA Barcode Library for True Bugs (Insecta: Hemiptera: Heteroptera) of Germany Reveals Taxonomic Uncertainties and Surprises. <i>PLoS ONE</i> , 2014, 9, e106940.	1.1	85
32	Phylogeographical analysis of <i>Ligia oceanica</i> (Crustacea: Isopoda) reveals two deeply divergent mitochondrial lineages. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 16-30.	0.7	17
33	A reliable DNA barcode reference library for the identification of the North European shelf fish fauna. <i>Molecular Ecology Resources</i> , 2014, 14, 1060-1071.	2.2	93
34	Molecular identification and morphological characteristics of native and invasive Asian brush-clawed crabs (Crustacea: Brachyura) from Japanese and German coasts: <i>Hemigrapsus penicillatus</i> (De Haan, 1835) versus <i>Hemigrapsus takanoi</i> Asakura & Watanabe 2005. <i>Organisms Diversity and Evolution</i> , 2014, 14, 369-382.	0.7	23
35	Isolation and characterization of nine polymorphic microsatellite markers for the deep-sea shrimp <i>Nematocarcinus lanceopes</i> (Crustacea: Decapoda: Caridea). <i>BMC Research Notes</i> , 2013, 6, 75.	0.6	7
36	Integration of cytochrome <i>c</i> oxidase I barcodes and geometric morphometrics to delimit species in the genus <i>Gnopharmia</i> (Lepidoptera: Geometridae, Ennominae). <i>Zoological Journal of the Linnean Society</i> , 2013, 169, 70-83.	1.0	9

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37	Comparison of molecular species identification for <i>N</i> orth <i>S</i> calanoid copepods (<i>C</i> rustacea) using proteome fingerprints and <i>DNA</i> sequences. <i>Molecular Ecology Resources</i> , 2013, 13, 862-876.	2.2	89
38	Quaternary refugia in southwestern Iran: insights from two sympatric moth species (Insecta,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702</i>	0.7	39
39	Exploring diversity in cryptorhynchine weevils (Coleoptera) using distance-, character- and tree-based species delineation. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 1-14.	1.2	57
40	Effects of Late-Cenozoic Glaciation on Habitat Availability in Antarctic Benthic Shrimps (Crustacea:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.1	20
41	Exploring Pandora's Box: Potential and Pitfalls of Low Coverage Genome Surveys for Evolutionary Biology. <i>PLoS ONE</i> , 2012, 7, e49202.	1.1	31
42	Testing a Short Nuclear Marker for Inferring Staphylinid Beetle Diversity in an African Tropical Rain Forest. <i>PLoS ONE</i> , 2011, 6, e18101.	1.1	5
43	Mountain Refugia Play a Role in Soil Arthropod Speciation on Madagascar: A Case Study of the Endemic Giant Fire-Millipede Genus <i>Aphistogoniulus</i> . <i>PLoS ONE</i> , 2011, 6, e28035.	1.1	19
44	Genetic homogeneity and circum-Antarctic distribution of two benthic shrimp species of the Southern Ocean, <i>Chorismus antarcticus</i> and <i>Nematocarcinus lanceopes</i> . <i>Marine Biology</i> , 2010, 157, 1783-1797.	0.7	74
45	The origins of the giant pill-millipedes from Madagascar (Diplopoda: Sphaerotheriida:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 41</i>	1.2	41
46	Molecular species identification of Central European ground beetles (Coleoptera: Carabidae) using nuclear rDNA expansion segments and DNA barcodes. <i>Frontiers in Zoology</i> , 2010, 7, 26.	0.9	119
47	Solar Powered Seaslug (Opisthobranchia, Gastropoda, Mollusca): Incorporation of Photosynthetic Units: A Key Character Enhancing Radiation?. , 2010, , 263-282.		10
48	Multiple origins of deep-sea Asellota (Crustacea: Isopoda) from shallow waters revealed by molecular data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 799-808.	1.2	104
49	A species complex within the isopod genus <i>Haploniscus</i> (Crustacea: Malacostraca: Peracarida) from the Southern Ocean deep sea: a morphological and molecular approach. <i>Zoological Journal of the Linnean Society</i> , 2008, 152, 655-706.	1.0	42
50	Molecular data reveal a highly diverse species flock within the munnopsoid deep-sea isopod <i>Betamorpha fusiformis</i> (Barnard, 1920) (Crustacea: Isopoda: Asellota) in the Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1820-1830.	0.6	103
51	First insights into the biodiversity and biogeography of the Southern Ocean deep sea. <i>Nature</i> , 2007, 447, 307-311.	13.7	417
52	Missing link in the Southern Ocean: sampling the marine benthic fauna of remote Bouvet Island. <i>Polar Biology</i> , 2006, 29, 83-96.	0.5	57
53	New records of the rare shrimp parasite <i>Zonophryxus quinquedens</i> Barnard, 1913 (Crustacea, Isopoda,) <i>Tj ETQq1 1 0.784314 rgBT /O</i>	0.5	9
54	Distinguishing cryptic species in Antarctic Asellota (Crustacea: Isopoda) - a preliminary study of mitochondrial DNA in <i>Acanthaspidia drygalskii</i> . <i>Antarctic Science</i> , 2006, 18, 191-198.	0.5	104

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55	Multiple colonization of the deep sea by the Asellota (Crustacea: Peracarida: Isopoda). Deep-Sea Research Part II: Topical Studies in Oceanography, 2004, 51, 1787-1795.	0.6	51