

Advancing taxonomy and bioinventories with DNA barcoding

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Insect symbionts in food webs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150325.	1.8	72
2	Calibrating the taxonomy of a megadiverse insect family: 3000 DNA barcodes from geometrid type specimens (Lepidoptera, Geometridae). <i>Genome</i> , 2016, 59, 671-684.	0.9	44
3	From writing to reading the encyclopedia of life. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150321.	1.8	48
4	A <sc>DNA</sc> barcode library for Germany's mayflies, stoneflies and caddisflies (Ephemeroptera, Tj ETQq1_1_0.784314 rgBT 0	2.2	67
5	Elevational species richness gradients in a hyperdiverse insect taxon: a global meta-study on geometrid moths. <i>Global Ecology and Biogeography</i> , 2017, 26, 412-424.	2.7	83
6	Filling reference gaps via assembling DNA barcodes using high-throughput sequencing—moving toward barcoding the world. <i>GigaScience</i> , 2017, 6, 1-8.	3.3	18
7	<sc>DNA</sc> barcoding of reef brittle stars (Ophiuroidea, Echinodermata) from the southwestern Indian Ocean evolutionary hot spot of biodiversity. <i>Ecology and Evolution</i> , 2017, 7, 11197-11203.	0.8	33
8	Molecular markers in keratins from Mysticeti whales for species identification of baleen in museum and archaeological collections. <i>PLoS ONE</i> , 2017, 12, e0183053.	1.1	32
9	Use of genetic, climatic, and microbiological data to inform reintroduction of a regionally extinct butterfly. <i>Conservation Biology</i> , 2018, 32, 828-837.	2.4	26
10	Sorting specimen-rich invertebrate samples with cost-effective NGS barcodes: Validating a reverse workflow for specimen processing. <i>Molecular Ecology Resources</i> , 2018, 18, 490-501.	2.2	84
11	DNA barcodes and morphology reveal unrecognized species in Chironomidae (Diptera). <i>Insect Systematics and Evolution</i> , 2018, 49, 329-398.	0.2	40
12	Biodiversity Informatics. , 2018, , 375-399.		2
13	A highly-simplified and inexpensive MALDI-TOF mass spectrometry sample-preparation method with broad applicability to microorganisms, plants, and insects. <i>Journal of Biological Methods</i> , 2018, 5, e103.	1.0	16
14	DNA barcoding reveals insect diversity in the mangrove ecosystems of Hainan Island, China. <i>Genome</i> , 2018, 61, 797-806.	0.9	8
15	One thousand DNA barcodes of piranhas and pacus reveal geographic structure and unrecognized diversity in the Amazon. <i>Scientific Reports</i> , 2018, 8, 8387.	1.6	47
16	DNA Barcoding for the Identification and Authentication of Animal Species in Traditional Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-18.	0.5	42
17	Generating <sc>DNA</sc> sequence data with limited resources for molecular biology: Lessons from a barcoding project in Indonesia. <i>Applications in Plant Sciences</i> , 2018, 6, e01167.	0.8	6
18	Quillworts from the Amazon: A multidisciplinary populational study on <i>Isoetes serracarajensis</i> and <i>Isoetes cangae</i> . <i>PLoS ONE</i> , 2018, 13, e0201417.	1.1	20

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19	Tracking of Host Defenses and Phylogeny During the Radiation of Neotropical Inga-Feeding Sawflies (Hymenoptera; Argidae). <i>Frontiers in Plant Science</i> , 2018, 9, 1237.	1.7	19
20	Diversity and trait patterns of moths at the edge of an Amazonian rainforest. <i>Journal of Insect Conservation</i> , 2019, 23, 751-763.	0.8	6
21	Assembling a DNA barcode reference library for the spiders (Arachnida: Araneae) of Pakistan. <i>PLoS ONE</i> , 2019, 14, e0217086.	1.1	16
22	Colour pattern measurements successfully differentiate two cryptic Onchidiidae Rafinesque, 1815 species. <i>Marine Biodiversity</i> , 2019, 49, 1743-1750.	0.3	8
23	A reference library for Canadian invertebrates with 1.5 million barcodes, voucher specimens, and DNA samples. <i>Scientific Data</i> , 2019, 6, 308.	2.4	39
24	DNA barcodes reveal deeply neglected diversity and numerous invasions of micromoths in Madagascar. <i>Genome</i> , 2019, 62, 108-121.	0.9	12
25	Evolution of defences in large tropical plant genera: perspectives for exploring insect diversity in a tri-trophic context. <i>Current Opinion in Insect Science</i> , 2019, 32, 91-97.	2.2	14
26	DNA barcoding of Geometridae moths (Insecta: Lepidoptera): a preliminary effort from Namdapha National Park, Eastern Himalaya. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 309-315.	0.2	5
27	Integrative ecological and molecular analysis indicate high diversity and strict elevational separation of canopy beetles in tropical mountain forests. <i>Scientific Reports</i> , 2020, 10, 16677.	1.6	3
28	Genetic structure of rice striped stem borer, <i>Chilo suppressalis</i> (Lepidoptera:Crambidae) in North of Iran. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2020, 31, 327-334.	0.7	0
29	Using DNA-barcoded Malaise trap samples to measure impact of a geothermal energy project on the biodiversity of a Costa Rican old-growth rain forest. <i>Genome</i> , 2020, 63, 407-436.	0.9	17
30	The Essential Role of Taxonomic Expertise in the Creation of DNA Databases for the Identification and Delimitation of Southeast Asian Ambrosia Beetle Species (Curculionidae: Scolytinae: Xyleborini). <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	41
31	DNA barcoding of fogged caterpillars in Peru: A novel approach for unveiling host-plant relationships of tropical moths (Insecta, Lepidoptera). <i>PLoS ONE</i> , 2020, 15, e0224188.	1.1	8
32	Nematode biodiversity assessments need vouchered databases: A BOLD reference library for plant-parasitic nematodes in the superfamily Criconematoidea. <i>Genome</i> , 2021, 64, 232-241.	0.9	15
33	Rapid Identification of <i>Tropilaelaps</i> Mite (Mesostigmata: Laelapidae) Species Using a COI Barcode-HRM. <i>Journal of Economic Entomology</i> , 2021, 114, 520-529.	0.8	3
35	Drastic loss of insects (Lepidoptera: Geometridae) in urban landscapes in a tropical biodiversity hotspot. <i>Journal of Insect Conservation</i> , 2021, 25, 395-405.	0.8	9
36	DROP: Molecular voucher database for identification of <i>Drosophila</i> parasitoids. <i>Molecular Ecology Resources</i> , 2021, 21, 2437-2454.	2.2	16
37	DNA Barcodes Combined with Multilocus Data of Representative Taxa Can Generate Reliable Higher-Level Phylogenies. <i>Systematic Biology</i> , 2022, 71, 382-395.	2.7	35

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38	Unraveling the plant diversity of the Amazonian <i>canga</i> through DNA barcoding. <i>Ecology and Evolution</i> , 2021, 11, 13348-13362.	0.8	6
39	A molecular-based identification resource for the arthropods of Finland. <i>Molecular Ecology Resources</i> , 2022, 22, 803-822.	2.2	26
40	Documenting trumpet leaf-miner moths (Tischeriidae): new Neotropical <i>Coptotriche</i> and <i>Astrotischeria</i> species, with notes on Sapindaceae as a host-plant family. <i>Zootaxa</i> , 2021, 5047, 300-320.	0.2	1
41	Low host specificity and abundance of frugivorous lepidoptera in the lowland rain forests of Papua New Guinea. <i>PLoS ONE</i> , 2017, 12, e0171843.	1.1	17
42	How many species and under what names? Using DNA barcoding and GenBank data for west Central African amphibian conservation. <i>PLoS ONE</i> , 2017, 12, e0187283.	1.1	26
43	Phylogeography and DNA-based species delimitation provide insight into the taxonomy of the polymorphic rose chafer <i>Protaetia</i> ( <i>Potosia</i> ) <i>cuprea</i> species complex (Coleoptera: Scarabaeidae: Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	10
44	Testing the Global Malaise Trap Program – How well does the current barcode reference library identify flying insects in Germany?. <i>Biodiversity Data Journal</i> , 2016, 4, e10671.	0.4	82
45	Close congruence between Barcode Index Numbers (bins) and species boundaries in the Erebidae (Lepidoptera: Noctuoidea) of the Iberian Peninsula. <i>Biodiversity Data Journal</i> , 2017, 5, e19840.	0.4	21
46	A streamlined collecting and preparation protocol for DNA barcoding of Lepidoptera as part of large-scale rapid biodiversity assessment projects, exemplified by the Indonesian Biodiversity Discovery and Information System (IndoBioSys). <i>Biodiversity Data Journal</i> , 2017, 5, e20006.	0.4	9
47	From field courses to DNA barcoding data release for West Papua - making specimens and identifications from university courses more sustainable. <i>Biodiversity Data Journal</i> , 2018, 6, e25237.	0.4	7
48	The Molecular Data Organization for Publication (MDOP) R package to aid the upload of data to shared databases. <i>Biodiversity Data Journal</i> , 2020, 8, e50630.	0.4	3
49	A review of biodiversity-related issues and challenges in megadiverse Indonesia and other Southeast Asian countries. <i>Research Ideas and Outcomes</i> , 0, 3, .	1.0	100
50	From water striders to water bugs: the molecular diversity of aquatic Heteroptera (Gerromorpha,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	31
51	Assessment of North American arthropod collections: prospects and challenges for addressing biodiversity research. <i>PeerJ</i> , 2019, 7, e8086.	0.9	29
54	Biotechnology Contributing to Integrated Pest Management: The Example of Two Major Coconut Pests, <i>Oryctes rhinoceros</i> and <i>Brontispa longissima</i> . , 2020, , 151-168.		6
57	Geometrid Moth Species Richness, Distribution and Community Composition in Different Forest Types of Papua New Guinea. <i>Case Studies in the Environment</i> , 2022, 6, .	0.4	2
58	First record of miracine parasitoid wasps (Hymenoptera: Braconidae) from Australia: molecular phylogenetics and morphology reveal multiple new species. <i>Austral Entomology</i> , 2022, 61, 49-67.	0.8	3
59	DNA barcoding the Lake Edward basin: high taxonomic coverage of a tropical freshwater ichthyofauna. <i>Hydrobiologia</i> , 2022, 849, 1743-1762.	1.0	3

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76	Plastome sequencing for accurate and effective authentication of <i>Polygonatum kingianum</i> (Asparagaceae). <i>Industrial Crops and Products</i> , 2022, 184, 115056.	2.5	7
77	DNA barcodes reveal striking arthropod diversity and unveil seasonal patterns of variation in the southern Atlantic Forest. <i>PLoS ONE</i> , 2022, 17, e0267390.	1.1	7
78	DNA Barcoding Medicinal Plant Species from Indonesia. <i>Plants</i> , 2022, 11, 1375.	1.6	11
80	Monitoring of benthic eukaryotic communities in two tropical coastal lagoons through eDNA metabarcoding: a spatial and temporal approximation. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
81	Metabarcoding and applied ecology with hyperdiverse organisms: Recommendations for biological control research. <i>Molecular Ecology</i> , 2023, 32, 6461-6473.	2.0	2
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83	Using DNA barcodes to test the association of sexes and morphs in <i>Calodesma</i> spp. (Lepidoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 taxonomic changes and a new species. <i>Zootaxa</i> , 2023, 5270, 231-261.	0.2	0
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