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THE EVOLUTION OF BROODING CHARACTERS AMONG THE FRESHWATER PEARLY MUSSELS (BIVALVIA: UNIONOIDEA) OF NORTH AMERICA

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#	Paper	IF	Citations
94	Freshwater Mussels (Hyriidae) of Australasia. <i>Ecological Studies</i> , 2001 , 5-31	1.1	42
93	TESTING THE RELATIONSHIPS OF CHINESE FRESHWATER UNIONIDAE (BIVALVIA) BASED ON ANALYSIS OF PARTIAL MITOCHONDRIAL 16S rRNA SEQUENCES. <i>Journal of Molluscan Studies</i> , 2002 , 68, 359-363	1.1	23
92	MOLECULAR PHYLOGENETIC ANALYSIS OF TWO PROBLEMATIC FRESHWATER MUSSEL GENERA (UNIO AND GONIDEA) AND A RE-EVALUATION OF THE CLASSIFICATION OF NEARCTIC UNIONIDAE (BIVALVIA: PALAEOHETERODONTA: UNIONOIDA). <i>Journal of Molluscan Studies</i> , 2002 , 68, 65-71	1.1	41
91	Phylogenetic analysis based on the morphology of viviparous freshwater clams of the family Sphaeriidae (Mollusca, Bivalvia, Veneroidea). <i>Zoologica Scripta</i> , 2002 , 31, 415-459	2.5	32
90	Molecular systematics of the North American freshwater bivalve genus <i>Quadrula</i> (Unionidae: Ambleminae) based on mitochondrial ND1 sequences. <i>Molecular Phylogenetics and Evolution</i> , 2003 , 28, 1-11	4.1	72
89	Novel reproductive modes in freshwater clams: brooding and larval morphology in Southeast Asian taxa of <i>Corbicula</i> (Mollusca, Bivalvia, Corbiculidae). <i>Acta Zoologica</i> , 2003 , 84, 293-315	0.8	32
88	Phylogeography and conservation genetics of endangered European Margaritiferidae (Bivalvia: Unionoidea). <i>Biological Journal of the Linnean Society</i> , 2003 , 78, 235-252	1.9	122
87	MULTIPLE ORIGIN OF VIVIPARITY IN SOUTHEAST ASIAN GASTROPODS (CERITHIOIDEA: PACHYCHILIDAE) AND ITS EVOLUTIONARY IMPLICATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 2215	3.8	2
86	Multiple origin of viviparity in Southeast Asian gastropods (Cerithioidea: Pachychilidae) and its evolutionary implications. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 2215-26	3.8	59
85	INVESTIGATIONS INTO THE PHYLOGENETIC RELATIONSHIPS OF FRESHWATER PEARL MUSSELS (BIVALVIA: MARGARITIFERIDAE) BASED ON MOLECULAR DATA: IMPLICATIONS FOR THEIR TAXONOMY AND BIOGEOGRAPHY. <i>Journal of Molluscan Studies</i> , 2004 , 70, 379-388	1.1	40
84	Mitochondrial DNA phylogenetic structuring suggests similarity between two morphologically plastic genera of Australian freshwater mussels (Unionoidea: Hyriidae). <i>Molecular Phylogenetics and Evolution</i> , 2004 , 32, 902-12	4.1	19
83	Evaluation of ITS rDNA as a complement to mitochondrial gene sequences for phylogenetic studies in freshwater mussels: an example using Unionidae from north-western Europe. <i>Zoologica Scripta</i> , 2005 , 34, 415-424	2.5	52
82	On bivalve phylogeny: a high-level analysis of the Bivalvia (Mollusca) based on combined morphology and DNA sequence data. <i>Invertebrate Biology</i> , 2005 , 121, 271-324	1	195
81	Phylogeny of North American amblemines (Bivalvia, Unionoidea): prodigious polyphyly proves pervasive across genera. <i>Invertebrate Biology</i> , 2005 , 124, 131-164	1	103
80	Evolution of a unique mitotype-specific protein-coding extension of the cytochrome c oxidase II gene in freshwater mussels (Bivalvia: Unionoidea). <i>Journal of Molecular Evolution</i> , 2005 , 61, 381-9	3.1	36
79	Palaeoheterodont diversity (Mollusca: Trigonioidea + Unionoidea): what we know and what we wish we knew about freshwater mussel evolution. <i>Zoological Journal of the Linnean Society</i> , 2006 , 148, 343-394	2.4	114
78	Brood care among basommatophorans: a unique reproductive strategy in the freshwater limpet snail <i>Protancylus</i> (Heterobranchia: Protancylidae), endemic to ancient lakes on Sulawesi, Indonesia. <i>Acta Zoologica</i> , 2006 , 87, 49-58	0.8	13

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75	Evolution of active host-attraction strategies in the freshwater mussel tribe Lampsilini (Bivalvia: Unionidae). <i>Molecular Phylogenetics and Evolution</i> , 2006 , 41, 195-208	4.1	45
74	Discovery Of Genetically Distinct Sympatric Lineages in the Freshwater Mussel <i>Cyprogenia Aberti</i> (Bivalvia: Unionidae). <i>Journal of Molluscan Studies</i> , 2006 , 72, 425-434	1.1	21
73	Reassessment of the phylogenetic relationships among <i>Anodonta</i> , <i>Pyganodon</i> , and <i>Utterbackia</i> (Bivalvia: Unionoida) using mutation coding of allozyme data. <i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> , 2007 , 156, 211-216	1.1	5
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67	Freshwater bivalve (Unioniformes) diversity, systematics, and evolution: status and future directions. <i>Journal of the North American Benthological Society</i> , 2008 , 27, 349-369		90
66	Complete sequences of maternally inherited mitochondrial genomes in mussels <i>Unio pictorum</i> (Bivalvia, Unionidae). <i>Journal of Applied Genetics</i> , 2010 , 51, 469-76	2.5	28
65	Mitochondrial phylogenomics of the Bivalvia (Mollusca): searching for the origin and mitogenomic correlates of doubly uniparental inheritance of mtDNA. <i>BMC Evolutionary Biology</i> , 2010 , 10, 50	3	124
64	Towards a molecular phylogeny of Mollusks: bivalves' early evolution as revealed by mitochondrial genes. <i>Molecular Phylogenetics and Evolution</i> , 2010 , 57, 641-57	4.1	80
63	Comments on the Value of COI for Family-Level Freshwater Mussel Systematics: A Reply to Hoeh, Bogan, Heard & Chapman. <i>Malacologia</i> , 2010 , 52, 191-197	1.1	11
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60	A DNA-barcoding approach to identifying juvenile freshwater mussels (Bivalvia:Unionidae) recovered from naturally infested fishes. <i>Journal of the North American Benthological Society</i> , 2011 , 30, 182-194		27

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57	Umbonal musculature and relationships of the Late Triassic filibranch unionoid bivalves. <i>Zoological Journal of the Linnean Society</i> , 2011 , 163, 863-883	2.4	24
56	The Genera of Pleurobemini (Bivalvia: Unionidae: Ambleminae). <i>American Malacological Bulletin</i> , 2012 , 30, 19-38	0.2	27
55	Molecular Systematics of <i>Fusconaia</i> (Bivalvia: Unionidae: Ambleminae). <i>American Malacological Bulletin</i> , 2012 , 30, 1-17	0.2	16
54	Distribution, genetic analysis and conservation priorities for rare Texas freshwater molluscs in the genera <i>Fusconaia</i> and <i>Pleurobema</i> (Bivalvia: Unionidae). <i>Aquatic Biosystems</i> , 2012 , 8, 12		12
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45	Effects of Land Use and Climate Change on Stream Temperature II: Threshold Exceedance Duration Projections for Freshwater Mussels. <i>Journal of the American Water Resources Association</i> , 2014 , 50, 1177-1190	2.1	7
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38	Evaluating the use of side-scan sonar for detecting freshwater mussel beds in turbid river environments. <i>Hydrobiologia</i> , 2015 , 743, 127-137	2.4	18
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36	The strange case of the tetragenous <i>Anodonta anatina</i> . <i>Journal of Experimental Zoology</i> , 2016 , 325, 52-6		5
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- 5 Evolution of diverse host infection mechanisms delineates an adaptive radiation of lampsiline freshwater mussels centered on their larval ecology. *PeerJ*, **2021**, 9, e12287 3.1 ○
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- 3 Complete mitochondrial genome of freshwater pearl mussel *Lamellidens marginalis* (Lamarck, 1819) and its phylogenetic relation within unionidae family. ○
- 2 Taxonomic Reassessment of Freshwater Mussels from the Western Balkans Reveals an Overlooked but Critical Refugium and Defines Conservation Priorities. **2022**, 14, 935 ○
- 1 Changes in the Freshwater Mussels of the Missouri Portion of the Ozark Highlands Eleven Point River, 1982–1985 and 2012–2019. **2023**, 39, ○