

# Andrew Hendry

## List of Publications by Year in descending order

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Version: 2024-02-01

227  
papers

23,092  
citations

8181

76  
h-index

10158

140  
g-index

278  
all docs

278  
docs citations

278  
times ranked

18742  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Benthic-limnetic morphological variation in fishes: Dissolved organic carbon concentration produces unexpected patterns. <i>Ecosphere</i> , 2022, 13, .   | 2.2  | 1         |
| 2  | How might <i>Gyrodactylus</i> parasitism modify trade-offs between female preference and susceptibility of males to predation in Trinidadian guppies?. <i>International Journal for Parasitology</i> , 2022, 52, 459-467. | 3.1  | 3         |
| 3  | The pace of modern life, revisited. <i>Molecular Ecology</i> , 2022, 31, 1028-1043.   | 3.9  | 26        |
| 4  | Where did the finch go? Insights from radio telemetry of the medium ground finch ( <i>Geospiza</i> ) <i>Tj ETQq0 0 0 rgBTJ /Overlock 10 Tf 50</i>   | 1.9  | 1         |
| 5  | Effects of insularity on genetic diversity within and among natural populations. <i>Ecology and Evolution</i> , 2022, 12, e8887.  | 1.9  | 1         |
| 6  | Socio-eco-evolutionary dynamics in cities. <i>Evolutionary Applications</i> , 2021, 14, 248-267.  | 3.1  | 86        |
| 7  | Testing the prey naivety hypothesis: Can native prey ( <i>Astyanax ruberrimus</i> ) recognize an introduced top predator, <i>Cichla monoculus</i> ?. <i>Biological Invasions</i> , 2021, 23, 205-219.                     | 2.4  | 7         |
| 8  | Different refuge types dampen exotic invasion and enhance diversity at the whole ecosystem scale in a heterogeneous river system. <i>Biological Invasions</i> , 2021, 23, 443-460.  | 2.4  | 11        |
| 9  | The importance of genomic variation for biodiversity, ecosystems and people. <i>Nature Reviews Genetics</i> , 2021, 22, 89-105.   | 16.3 | 83        |
| 10 | Resistance and resilience of genetic and phenotypic diversity to "black swan" flood events: A retrospective analysis with historical samples of guppies. <i>Molecular Ecology</i> , 2021, 30, 1017-1028.                  | 3.9  | 7         |
| 11 | The complex ecology of genitalia: Gonopodium length and allometry in the Trinidadian guppy. <i>Ecology and Evolution</i> , 2021, 11, 4564-4576.   | 1.9  | 2         |
| 12 | Using seasonal genomic changes to understand historical adaptation to new environments: Parallel selection on stickleback in highly variable estuaries. <i>Molecular Ecology</i> , 2021, 30, 2054-2064.                   | 3.9  | 20        |
| 13 | Phenotypic stability in scalar calcium of freshwater fish across a wide range of aqueous calcium availability in nature. <i>Ecology and Evolution</i> , 2021, 11, 6053-6065.  | 1.9  | 5         |
| 14 | Clinal genomic analysis reveals strong reproductive isolation across a steep habitat transition in stickleback fish. <i>Nature Communications</i> , 2021, 12, 4850.   | 12.8 | 6         |
| 15 | Using Reciprocal Transplants to Assess Local Adaptation, Genetic Rescue, and Sexual Selection in Newly Established Populations. <i>Genes</i> , 2021, 12, 5.   | 2.4  | 2         |
| 16 | Repeatability of Adaptive Radiation Depends on Spatial Scale: Regional Versus Global Replicates of Stickleback in Lake Versus Stream Habitats. <i>Journal of Heredity</i> , 2020, 111, 43-56.                             | 2.4  | 17        |
| 17 | The ecology and evolution of seed predation by Darwin's finches on <i>Tribulus cistoides</i> on the Galapagos Islands. <i>Ecological Monographs</i> , 2020, 90, e01392.   | 5.4  | 15        |
| 18 | Horizon scan of conservation issues for inland waters in Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 869-881.   | 1.4  | 10        |

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|----|---|------|-----------|
| 19 | Ecosystem size shapes antipredator trait evolution in estuarine threespine stickleback. <i>Oikos</i> , 2020, 129, 1795-1806.  | 2.7  | 10        |
| 20 | The Complexity of Urban Eco-evolutionary Dynamics. <i>BioScience</i> , 2020, 70, 772-793.   | 4.9  | 79        |
| 21 | Recent declines in salmon body size impact ecosystems and fisheries. <i>Nature Communications</i> , 2020, 11, 4155.   | 12.8 | 95        |
| 22 | Adding the third dimension to studies of parallel evolution of morphology and function: An exploration based on parapatric lake-stream stickleback. <i>Ecology and Evolution</i> , 2020, 10, 13297-13311.   | 1.9  | 1         |
| 23 | Evolutionary origins for ecological patterns in space. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17482-17490.   | 7.1  | 55        |
| 24 | Asymmetric Isolation and the Evolution of Behaviors Influencing Dispersal: Rheotaxis of Guppies above Waterfalls. <i>Genes</i> , 2020, 11, 180.   | 2.4  | 6         |
| 25 | Matching habitat choice: it's not for everyone. <i>Oikos</i> , 2020, 129, 689-699.  | 2.7  | 11        |
| 26 | Comparing Adaptive Radiations Across Space, Time, and Taxa. <i>Journal of Heredity</i> , 2020, 111, 1-20.   | 2.4  | 146       |
| 27 | Independent lineages in a common environment: the roles of determinism and contingency in shaping the migration timing of even- versus odd-year pink salmon over broad spatial and temporal scales. <i>Ecology Letters</i> , 2019, 22, 1547-1556. | 6.4  | 4         |
| 28 | Understanding Maladaptation by Uniting Ecological and Evolutionary Perspectives. <i>American Naturalist</i> , 2019, 194, 495-515.   | 2.1  | 60        |
| 29 | Causes of maladaptation. <i>Evolutionary Applications</i> , 2019, 12, 1229-1242.  | 3.1  | 85        |
| 30 | Developmental temperature affects phenotypic means and variability: A meta-analysis of fish data. <i>Fish and Fisheries</i> , 2019, 20, 1005-1022.  | 5.3  | 33        |
| 31 | Estimated six per cent loss of genetic variation in wild populations since the industrial revolution. <i>Evolutionary Applications</i> , 2019, 12, 1505-1512.   | 3.1  | 144       |
| 32 | Evidence for contemporary and historical gene flow between guppy populations in different watersheds, with a test for associations with adaptive traits. <i>Ecology and Evolution</i> , 2019, 9, 4504-4517.                                       | 1.9  | 17        |
| 33 | Ecosystem tipping points in an evolving world. <i>Nature Ecology and Evolution</i> , 2019, 3, 355-362.  | 7.8  | 203       |
| 34 | Temporally varying disruptive selection in the medium ground finch ( <i>Geospiza fortis</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192290.  | 2.6  | 6         |
| 35 | Do replicates of independent guppy lineages evolve similarly in a predator-free laboratory environment?. <i>Ecology and Evolution</i> , 2019, 9, 36-51.   | 1.9  | 4         |
| 36 | Genetic insights into the past, present, and future of a keystone species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 344-346.   | 7.1  | 6         |

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|----|---|-----|-----------|
| 37 | A critique for eco-evolutionary dynamics. <i>Functional Ecology</i> , 2019, 33, 84-94.  | 3.6 | 62        |
| 38 | Sexual dimorphism modifies habitat-associated divergence: Evidence from beach and creek breeding sockeye salmon. <i>Journal of Evolutionary Biology</i> , 2019, 32, 227-242.              | 1.7 | 10        |
| 39 | Eco-evolutionary feedbacks—Theoretical models and perspectives. <i>Functional Ecology</i> , 2019, 33, 13-30.  | 3.6 | 137       |
| 40 | A roadmap for urban evolutionary ecology. <i>Evolutionary Applications</i> , 2019, 12, 384-398.   | 3.1 | 161       |
| 41 | Female preference for novel males constrains the contemporary evolution of assortative mating in guppies. <i>Behavioral Ecology</i> , 2019, 30, 646-657.                                  | 2.2 | 4         |
| 42 | 100-year time series reveal little morphological change following impoundment and predator invasion in two Neotropical characids. <i>Evolutionary Applications</i> , 2019, 12, 1385-1401. | 3.1 | 11        |
| 43 | Urbanization erodes niche segregation in Darwin's finches. <i>Evolutionary Applications</i> , 2019, 12, 1329-1343.  | 3.1 | 39        |
| 44 | Evolutionary Rates Standardized for Evolutionary Space: Perspectives on Trait Evolution. <i>Trends in Ecology and Evolution</i> , 2018, 33, 379-389.                                      | 8.7 | 6         |
| 45 | Adaptation in temporally variable environments: stickleback armor in periodically breaching bar-built estuaries. <i>Journal of Evolutionary Biology</i> , 2018, 31, 735-752.              | 1.7 | 21        |
| 46 | The ecological importance of intraspecific variation. <i>Nature Ecology and Evolution</i> , 2018, 2, 57-64.   | 7.8 | 570       |
| 47 | What genomic data can reveal about eco-evolutionary dynamics. <i>Nature Ecology and Evolution</i> , 2018, 2, 9-15.  | 7.8 | 68        |
| 48 | A Tale of Two Islands: The Established Researcher. <i>Bulletin of the Ecological Society of America</i> , 2018, 99, e01457.   | 0.2 | 0         |
| 49 | Human influences on the strength of phenotypic selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10070-10075.                | 7.1 | 53        |
| 50 | Melanin-based coloration and host-parasite interactions under global change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180285.                        | 2.6 | 25        |
| 51 | Keystone Genes. <i>Trends in Ecology and Evolution</i> , 2018, 33, 689-700.   | 8.7 | 26        |
| 52 | The Contemporary Evolution of Fitness. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2018, 49, 457-476.   | 8.3 | 88        |
| 53 | How Parallel Is Parallel Evolution? A Comparative Analysis in Fishes. <i>American Naturalist</i> , 2017, 190, 1-16.   | 2.1 | 107       |
| 54 | Contrasting effects of environment and genetics generate a continuum of parallel evolution. <i>Nature Ecology and Evolution</i> , 2017, 1, 158.   | 7.8 | 188       |

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|----|--|------|-----------|
| 55 | Human influences on evolution, and the ecological and societal consequences. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160028.            | 4.0  | 202       |
| 56 | Global urban signatures of phenotypic change in animal and plant populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8951-8956. | 7.1  | 369       |
| 57 | Predator-induced Contemporary Evolution, Phenotypic Plasticity, and the Evolution of Reaction Norms in Guppies. <i>Copeia</i> , 2017, 105, 514-522.  | 1.3  | 13        |
| 58 | Experimental Assessment in Nature of the Ecological Effects of a Specialist Parasite. <i>Copeia</i> , 2017, 105, 494-503.  | 1.3  | 6         |
| 59 | Eco-Evolutionary Dynamics in Cold Blood. <i>Copeia</i> , 2017, 105, 441-450.   | 1.3  | 5         |
| 60 | Many-to-one form-to-function mapping weakens parallel morphological evolution. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2738-2749.                           | 2.3  | 37        |
| 61 | Future Benefits from Contemporary Ecosystem Services: A Response to Rudman et al .. <i>Trends in Ecology and Evolution</i> , 2017, 32, 717-719.  | 8.7  | 3         |
| 62 | Evolutionary genetics of immunological supertypes reveals two faces of the Red Queen. <i>Nature Communications</i> , 2017, 8, 1294.  | 12.8 | 51        |
| 63 | Understanding and monitoring the consequences of human impacts on intraspecific variation. <i>Evolutionary Applications</i> , 2017, 10, 121-139.   | 3.1  | 145       |
| 64 | Heritable gene expression differences between lake and stream stickleback include both parallel and antiparallel components. <i>Heredity</i> , 2017, 119, 339-348.                           | 2.6  | 22        |
| 65 | The context dependence of assortative mating: a demonstration with conspecific salmonid populations. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1827-1835.                           | 1.7  | 8         |
| 66 | Parallel and nonparallel behavioural evolution in response to parasitism and predation in Trinidadian guppies. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1406-1422.                 | 1.7  | 24        |
| 67 | An experimental test of antagonistic effects of competition and parasitism on host performance in semi-natural mesocosms. <i>Oikos</i> , 2016, 125, 790-796.                                 | 2.7  | 6         |
| 68 | When Should Harvest Evolution Matter to Population Dynamics?. <i>Trends in Ecology and Evolution</i> , 2016, 31, 500-502.  | 8.7  | 10        |
| 69 | Improving the forecast for biodiversity under climate change. <i>Science</i> , 2016, 353, .  | 12.6 | 780       |
| 70 | Assessing reproductive isolation using a contact zone between parapatric lake-stream stickleback ecotypes. <i>Journal of Evolutionary Biology</i> , 2016, 29, 2491-2501.                     | 1.7  | 16        |
| 71 | Parting ways: parasite release in nature leads to sex-specific evolution of defence. <i>Journal of Evolutionary Biology</i> , 2016, 29, 23-34.   | 1.7  | 18        |
| 72 | Does plasticity enhance or dampen phenotypic parallelism? A test with three lake-stream stickleback pairs. <i>Journal of Evolutionary Biology</i> , 2016, 29, 126-143.                       | 1.7  | 63        |

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|----|---|-----|-----------|
| 73 | Genomic variation at the tips of the adaptive radiation of Darwin's finches. <i>Molecular Ecology</i> , 2016, 25, 5282-5295.  | 3.9 | 95        |
| 74 | Testing for parallel allochronic isolation in lake-stream stickleback. <i>Journal of Evolutionary Biology</i> , 2016, 29, 47-57.  | 1.7 | 10        |
| 75 | Key Questions on the Role of Phenotypic Plasticity in Eco-Evolutionary Dynamics. <i>Journal of Heredity</i> , 2016, 107, 25-41.   | 2.4 | 253       |
| 76 | Evolutionary Restoration Ecology. , 2016, , 427-454.  |     | 5         |
| 77 | Do stressful conditions make adaptation difficult? Cuppies in the oil-polluted environments of southern Trinidad. <i>Evolutionary Applications</i> , 2015, 8, 854-870.  | 3.1 | 39        |
| 78 | Cryptic eco-evolutionary dynamics. <i>Annals of the New York Academy of Sciences</i> , 2015, 1360, 120-144.   | 3.8 | 62        |
| 79 | When maladaptive gene flow does not increase selection. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2289-2302.   | 2.3 | 11        |
| 80 | How maladaptation can structure biodiversity: eco-evolutionary island biogeography. <i>Trends in Ecology and Evolution</i> , 2015, 30, 154-160.   | 8.7 | 34        |
| 81 | Host preference of an introduced "generalist" parasite for a non-native host. <i>International Journal for Parasitology</i> , 2015, 45, 703-709.  | 3.1 | 15        |
| 82 | Testing for local host-parasite adaptation: an experiment with <i>Gyrodactylus</i> ectoparasites and guppy hosts. <i>International Journal for Parasitology</i> , 2015, 45, 409-417.                          | 3.1 | 23        |
| 83 | Linking macro trends and microrates: Re-evaluating microevolutionary support for Cope's rule. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1345-1354.                             | 2.3 | 34        |
| 84 | Speciation without Pre-Defined Fitness Functions. <i>PLoS ONE</i> , 2015, 10, e0137838.   | 2.5 | 15        |
| 85 | Two decades of genetic profiling yields first evidence of natal philopatry and long-term fidelity to parturition sites in sharks. <i>Molecular Ecology</i> , 2014, 23, 110-117.                               | 3.9 | 139       |
| 86 | Asymmetric reproductive barriers and mosaic reproductive isolation: insights from <i>Micrpterygion</i> lake-stream stickleback. <i>Ecology and Evolution</i> , 2014, 4, 1166-1175.                            | 1.9 | 18        |
| 87 | SOLVING THE PARADOX OF STASIS: SQUASHED STABILIZING SELECTION AND THE LIMITS OF DETECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 483-500.                                  | 2.3 | 104       |
| 88 | The genomic signature of parallel adaptation from shared genetic variation. <i>Molecular Ecology</i> , 2014, 23, 3944-3956.   | 3.9 | 162       |
| 89 | Climate change, adaptation, and phenotypic plasticity: the problem and the evidence. <i>Evolutionary Applications</i> , 2014, 7, 1-14.  | 3.1 | 952       |
| 90 | Using adaptive traits to consider potential consequences of temporal variation in selection: male guppy colour through time and space. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 108-122. | 1.6 | 18        |

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|-----|--|-----|-----------|
| 91  | Darwin's finches and their diet niches: the sympatric coexistence of imperfect generalists. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1093-1104.  | 1.7 | 73        |
| 92  | Experimental evolution of parasite resistance in wild guppies: natural and multifarious selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141820.   | 2.6 | 1         |
| 93  | Biodiversity only makes sense in the light of evolution. <i>Journal of Biosciences</i> , 2014, 39, 333-337.  | 1.1 | 9         |
| 94  | A Tale of Two Morphs: Modeling Pollen Transfer, Magic Traits, and Reproductive Isolation in Parapatry. <i>PLoS ONE</i> , 2014, 9, e106512.   | 2.5 | 11        |
| 95  | Adding parasites to the guppy-predation story: insights from field surveys. <i>Oecologia</i> , 2013, 172, 155-166.   | 2.0 | 37        |
| 96  | Eco-Evolutionary Dynamics: Community Consequences of (Mal)Adaptation. <i>Current Biology</i> , 2013, 23, R869-R871.  | 3.9 | 4         |
| 97  | Key questions in the genetics and genomics of eco-evolutionary dynamics. <i>Heredity</i> , 2013, 111, 456-466.   | 2.6 | 71        |
| 98  | Experimental elimination of parasites in nature leads to the evolution of increased resistance in hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132371.   | 2.6 | 40        |
| 99  | Possible influences of plasticity and genetic/maternal effects on species coexistence: native <i>Gammarus fasciatus</i> facing exotic amphipods. <i>Functional Ecology</i> , 2013, 27, 1212-1223.                                      | 3.6 | 6         |
| 100 | EVOLUTIONARY INFERENCES FROM THE ANALYSIS OF EXCHANGEABILITY. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 3429-3441.  | 2.3 | 21        |
| 101 | Evolutionary rescue under environmental change?. , 2012, , 216-233.  |     | 31        |
| 102 | Are host-parasite interactions influenced by adaptation to predators? A test with guppies and <i>Gyrodactylus</i> in experimental stream channels. <i>Oecologia</i> , 2012, 170, 77-88.  | 2.0 | 26        |
| 103 | Magic traits: distinguishing the important from the trivial. <i>Trends in Ecology and Evolution</i> , 2012, 27, 4-5.   | 8.7 | 13        |
| 104 | Factors Influencing Progress toward Ecological Speciation. <i>International Journal of Ecology</i> , 2012, 2012, 1-7.  | 0.8 | 31        |
| 105 | Divergent Selection and Then What Not: The Conundrum of Missing Reproductive Isolation in Misty Lake and Stream Stickleback. <i>International Journal of Ecology</i> , 2012, 2012, 1-14.   | 0.8 | 16        |
| 106 | Population divergence of private and non-private signals in wild guppies. <i>Environmental Biology of Fishes</i> , 2012, 94, 513-525.  | 1.0 | 28        |
| 107 | PARALLEL AND NONPARALLEL ASPECTS OF ECOLOGICAL, PHENOTYPIC, AND GENETIC DIVERGENCE ACROSS REPLICATE POPULATION PAIRS OF LAKE AND STREAM STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 402-418. | 2.3 | 187       |
| 108 | Reciprocal trophic niche shifts in native and invasive fish: salmonids and galaxiids in Patagonian lakes. <i>Freshwater Biology</i> , 2012, 57, 1769-1781.   | 2.4 | 47        |

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|-----|--|-----|-----------|
| 109 | Fates beyond traits: ecological consequences of human-induced trait change. <i>Evolutionary Applications</i> , 2012, 5, 183-191.   | 3.1 | 200       |
| 110 | Genome divergence during evolutionary diversification as revealed in replicate lake-stream stickleback population pairs. <i>Molecular Ecology</i> , 2012, 21, 2852-2862.                                       | 3.9 | 222       |
| 111 | Genetic divergence in morphology-performance mapping between Misty Lake and inlet stickleback. <i>Journal of Evolutionary Biology</i> , 2011, 24, 23-35.   | 1.7 | 54        |
| 112 | The consequences of phenotypic plasticity for ecological speciation. <i>Journal of Evolutionary Biology</i> , 2011, 24, 326-342.   | 1.7 | 163       |
| 113 | Quantitative genetic inheritance of morphological divergence in a lake-stream stickleback ecotype pair: implications for reproductive isolation. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1975-1983. | 1.7 | 52        |
| 114 | Factors influencing progress toward sympatric speciation. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2186-2196.  | 1.7 | 38        |
| 115 | EXPLORING POSSIBLE HUMAN INFLUENCES ON THE EVOLUTION OF DARWIN'S FINCHES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2258-2272.  | 2.3 | 46        |
| 116 | Environmental factors influencing adult sex ratio in <i>Poecilia reticulata</i> : laboratory experiments. <i>Journal of Fish Biology</i> , 2011, 79, 937-953.  | 1.6 | 7         |
| 117 | Eco-evolutionary dynamics in Pacific salmon. <i>Heredity</i> , 2011, 106, 438-447.   | 2.6 | 110       |
| 118 | Anthropogenic disturbance and evolutionary parameters: a lemon shark population experiencing habitat loss. <i>Evolutionary Applications</i> , 2011, 4, 1-17.   | 3.1 | 31        |
| 119 | Evolutionary principles and their practical application. <i>Evolutionary Applications</i> , 2011, 4, 159-183.  | 3.1 | 230       |
| 120 | Eco-evolutionary effects on population recovery following catastrophic disturbance. <i>Evolutionary Applications</i> , 2011, 4, 354-366.   | 3.1 | 31        |
| 121 | Does sexual selection evolve following introduction to new environments?. <i>Animal Behaviour</i> , 2011, 82, 1085-1095.   | 1.9 | 11        |
| 122 | Communication in troubled waters: responses of fish communication systems to changing environments. <i>Evolutionary Ecology</i> , 2011, 25, 623-640.   | 1.2 | 120       |
| 123 | Ecosystem services: an evolutionary perspective on the links between biodiversity and human well-being. <i>Current Opinion in Environmental Sustainability</i> , 2010, 2, 66-74.                               | 6.3 | 168       |
| 124 | SPATIOTEMPORAL VARIATION IN LINEAR NATURAL SELECTION ON BODY COLOR IN WILD GUPPIES ( <i>POECILIA</i> ) Tj  | 2.3 | 52        |
| 125 | EVOLUTIONARY BIOLOGY IN BIODIVERSITY SCIENCE, CONSERVATION, AND POLICY: A CALL TO ACTION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1517-28.                                    | 2.3 | 87        |
| 126 | When can ecological speciation be detected with neutral loci?. <i>Molecular Ecology</i> , 2010, 19, 2301-2314.   | 3.9 | 85        |

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|-----|--|------|-----------|
| 127 | Constraints on speciation suggested by comparing lake-stream stickleback divergence across two continents. <i>Molecular Ecology</i> , 2010, 19, 4963-4978.   | 3.9  | 81        |
| 128 | Testing the influence of local forest canopy clearing on phenotypic variation in Trinidadian guppies. <i>Functional Ecology</i> , 2010, 24, 354-364.   | 3.6  | 23        |
| 129 | Testing for mating isolation between ecotypes: laboratory experiments with lake, stream and hybrid stickleback. <i>Journal of Evolutionary Biology</i> , 2010, 23, 2694-2708.  | 1.7  | 41        |
| 130 | Both Geography and Ecology Contribute to Mating Isolation in Guppies. <i>PLoS ONE</i> , 2010, 5, e15659.   | 2.5  | 17        |
| 131 | Divergence with gene flow as facilitated by ecological differences: within-island variation in Darwin's finches. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1041-1052. | 4.0  | 77        |
| 132 | Natural and Sexual Selection Give and Take Away Reproductive Barriers: Models of Population Divergence in Guppies. <i>American Naturalist</i> , 2010, 176, 26-39.  | 2.1  | 89        |
| 133 | Eco-evolutionary dynamics: intertwining ecological and evolutionary processes in contemporary time. <i>F1000 Biology Reports</i> , 2010, 2, .  | 4.0  | 36        |
| 134 | How Humans Differ from Other Animals in Their Levels of Morphological Variation. <i>PLoS ONE</i> , 2009, 4, e6876.   | 2.5  | 32        |
| 135 | Eco-evolutionary dynamics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1483-1489.   | 4.0  | 444       |
| 136 | Can gene flow have negative demographic consequences? Mixed evidence from stream threespine stickleback. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1533-1542.         | 4.0  | 30        |
| 137 | SYNTHESIS: Life history change in commercially exploited fish stocks: an analysis of trends across studies. <i>Evolutionary Applications</i> , 2009, 2, 260-275.   | 3.1  | 279       |
| 138 | Environmental factors influencing adult sex ratio in Trinidadian guppies. <i>Oecologia</i> , 2009, 159, 735-745.   | 2.0  | 42        |
| 139 | Force-velocity tradeoff in Darwin's finch jaw function: a biomechanical basis for ecological speciation?. <i>Functional Ecology</i> , 2009, 23, 119-125.   | 3.6  | 123       |
| 140 | Speciation. <i>Nature</i> , 2009, 458, 162-164.  | 27.8 | 24        |
| 141 | EVOLUTIONARY POTENTIAL OF A LARGE MARINE VERTEBRATE: QUANTITATIVE GENETIC PARAMETERS IN A WILD POPULATION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1051-1067.                         | 2.3  | 31        |
| 142 | VARIABLE PROGRESS TOWARD ECOLOGICAL SPECIATION IN PARAPATRY: STICKLEBACK ACROSS EIGHT LAKE-STREAM TRANSITIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1740-1753.                     | 2.3  | 180       |
| 143 | Along the speciation continuum in sticklebacks. <i>Journal of Fish Biology</i> , 2009, 75, 2000-2036.  | 1.6  | 220       |
| 144 | Five questions on ecological speciation addressed with individual-based simulations. <i>Journal of Evolutionary Biology</i> , 2009, 22, 109-123.   | 1.7  | 81        |

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| 145 | Adaptive Changes in Life History and Survival following a New Guppy Introduction. <i>American Naturalist</i> , 2009, 174, 34-45.   | 2.1  | 77        |
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