

# Trevor D Price

## List of Publications by Year in descending order

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104  
papers

11,570  
citations

50170

46  
h-index

30848

102  
g-index

109  
all docs

109  
docs citations

109  
times ranked

11539  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Evolution and the latitudinal diversity gradient: speciation, extinction and biogeography. <i>Ecology Letters</i> , 2007, 10, 315-331.                         | 3.0  | 1,361     |
| 2  | The role of phenotypic plasticity in driving genetic evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1433-1440.         | 1.2  | 1,143     |
| 3  | LIKELIHOOD OF ANCESTOR STATES IN ADAPTIVE RADIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1699-1711.                       | 1.1  | 775       |
| 4  | Adaptive radiation, nonadaptive radiation, ecological speciation and nonecological speciation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 394-399.     | 4.2  | 496       |
| 5  | Adaptive Phenotypic Plasticity and the Successful Colonization of a Novel Environment. <i>American Naturalist</i> , 2004, 164, 531-542.                        | 1.0  | 424       |
| 6  | THE EVOLUTION OF F1POSTZYGOTIC INCOMPATIBILITIES IN BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2083-2089.                 | 1.1  | 404       |
| 7  | Density-Dependent Cladogenesis in Birds. <i>PLoS Biology</i> , 2008, 6, e71.   | 2.6  | 374       |
| 8  | Speciation in a ring. <i>Nature</i> , 2001, 409, 333-337.  | 13.7 | 327       |
| 9  | Niche filling slows the diversification of Himalayan songbirds. <i>Nature</i> , 2014, 509, 222-225.  | 13.7 | 311       |
| 10 | Sexual imprinting, learning and speciation. <i>Heredity</i> , 1999, 82, 347-354.   | 1.2  | 309       |
| 11 | ON THE LOW HERITABILITY OF LIFE-HISTORY TRAITS. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 853-861.                              | 1.1  | 299       |
| 12 | Correlated evolution and independent contrasts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 519-529.            | 1.8  | 299       |
| 13 | SPECIATION BY REINFORCEMENT OF PREMATING ISOLATION. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 1451-1459.                        | 1.1  | 264       |
| 14 | Sexual selection and natural selection in bird speciation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 251-260. | 1.8  | 261       |
| 15 | DIFFERENCES IN THE FORAGING OF JUVENILE AND ADULT BIRDS: THE IMPORTANCE OF DEVELOPMENTAL CONSTRAINTS. <i>Biological Reviews</i> , 1989, 64, 51-70.             | 4.7  | 228       |
| 16 | Evolution of ecological differences in the Old World leaf warblers. <i>Nature</i> , 1992, 355, 817-821.  | 13.7 | 218       |
| 17 | Sexual selection when the female directly benefits. <i>Biological Journal of the Linnean Society</i> , 1993, 48, 187-211.                                      | 0.7  | 215       |
| 18 | Maternal effects, paternal effects and sexual selection. <i>Trends in Ecology and Evolution</i> , 2001, 16, 95-100.  | 4.2  | 201       |

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|----|---|------|-----------|
| 19 | THE DARWIN-FISHER THEORY OF SEXUAL SELECTION IN MONOGAMOUS BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 180-193.   | 1.1  | 183       |
| 20 | Evolutionarily stable range limits set by interspecific competition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1429-1434.   | 1.2  | 156       |
| 21 | Limits to Speciation Inferred from Times to Secondary Sympatry and Ages of Hybridizing Species along a Latitudinal Gradient. <i>American Naturalist</i> , 2011, 177, 462-469.   | 1.0  | 140       |
| 22 | Phenotypic plasticity, sexual selection and the evolution of colour patterns. <i>Journal of Experimental Biology</i> , 2006, 209, 2368-2376.  | 0.8  | 124       |
| 23 | Genomic divergence in a ring species complex. <i>Nature</i> , 2014, 511, 83-85.   | 13.7 | 123       |
| 24 | The evolution of F1 postzygotic incompatibilities in birds. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2083-9.  | 1.1  | 123       |
| 25 | Ring species as bridges between microevolution and speciation. <i>Genetica</i> , 2001, 112/113, 223-243.  | 0.5  | 118       |
| 26 | BUILD-UP OF THE HIMALAYAN AVIFAUNA THROUGH IMMIGRATION: A BIOGEOGRAPHICAL ANALYSIS OF THE <i>PHYLLOSCOPUS</i> AND <i>SEICERCUS</i> WARBLERS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 324-333.                | 1.1  | 100       |
| 27 | Morphology and Ecology of Breeding Warblers Along an Altitudinal Gradient in Kashmir, India. <i>Journal of Animal Ecology</i> , 1991, 60, 643.  | 1.3  | 97        |
| 28 | Repeated Evolution of Sexual Color Dimorphism in Passerine Birds. <i>Auk</i> , 1996, 113, 842-848.  | 0.7  | 94        |
| 29 | Pervasive Reinforcement and the Role of Sexual Selection in Biological Speciation. <i>Journal of Heredity</i> , 2014, 105, 821-833.   | 1.0  | 90        |
| 30 | Genetic and morphological evolution following a founder event in the dark-eyed junco, <i>Junco hyemalis thurberi</i> . <i>Molecular Ecology</i> , 2004, 13, 671-681.  | 2.0  | 87        |
| 31 | Chromosomal inversion differences correlate with range overlap in passerine birds. <i>Nature Ecology and Evolution</i> , 2017, 1, 1526-1534.  | 3.4  | 87        |
| 32 | Protected areas and biodiversity conservation in India. <i>Biological Conservation</i> , 2019, 237, 114-124.  | 1.9  | 83        |
| 33 | The roles of time and ecology in the continental radiation of the Old World leaf warblers ( <i>Phylloscopus</i> and <i>Seicercus</i> ). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1749-1762. | 1.8  | 81        |
| 34 | EVOLUTION OF BREEDING DISTRIBUTIONS IN THE OLD WORLD LEAF WARBLERS (GENUS) <i>Turdus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 142-149.  | 1.1  | 79        |
| 35 | Determinants of the northern and southern range limits of a warbler. <i>Journal of Biogeography</i> , 2000, 27, 869-878.  | 1.4  | 77        |
| 36 | Sex chromosome inversions enforce reproductive isolation across an avian hybrid zone. <i>Molecular Ecology</i> , 2019, 28, 1246-1262.   | 2.0  | 75        |

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|----|---|-----|-----------|
| 37 | Hormonal, Behavioral, and Life-History Traits Exhibit Correlated Shifts in Relation to Population Establishment in a Novel Environment. <i>American Naturalist</i> , 2014, 184, E147-E160.            | 1.0 | 73        |
| 38 | PEAK SHIFTS PRODUCED BY CORRELATED RESPONSE TO SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 280-290.   | 1.1 | 67        |
| 39 | THE ROLE OF ECOLOGICAL CONSTRAINT IN DRIVING THE EVOLUTION OF AVIAN SONG FREQUENCY ACROSS A LATITUDINAL GRADIENT. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2773-2783. | 1.1 | 67        |
| 40 | The Adaptive Surface in Ecology. <i>Oikos</i> , 1998, 82, 440.  | 1.2 | 63        |
| 41 | Domesticated Birds as a Model for the Genetics of Speciation by Sexual Selection. <i>Genetica</i> , 2002, 116, 311-327.   | 0.5 | 61        |
| 42 | Alternative nesting behaviours following colonisation of a novel environment by a passerine bird. <i>Oikos</i> , 2007, 116, 1473-1480.  | 1.2 | 55        |
| 43 | Determinants of Northerly Range Limits along the Himalayan Bird Diversity Gradient. <i>American Naturalist</i> , 2011, 178, S97-S108.   | 1.0 | 53        |
| 44 | Into and out of the tropics: the generation of the latitudinal gradient among New World passerine birds. <i>Journal of Biogeography</i> , 2014, 41, 1746-1757.  | 1.4 | 53        |
| 45 | Phenotypic Plasticity and the Evolution of a Socially Selected Trait Following Colonization of a Novel Environment. <i>American Naturalist</i> , 2008, 172, S49-S62.                                  | 1.0 | 50        |
| 46 | Community convergence in bird song. <i>Evolutionary Ecology</i> , 2010, 24, 447-461.  | 0.5 | 50        |
| 47 | Learning and signal copying facilitate communication among bird species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20123070.  | 1.2 | 50        |
| 48 | Evolution of Breeding Distributions in the Old World Leaf Warblers (Genus <i>Phylloscopus</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 552.                        | 1.1 | 49        |
| 49 | Sensory Drive, Color, and Color Vision. <i>American Naturalist</i> , 2017, 190, 157-170.  | 1.0 | 49        |
| 50 | Song types, song performance, and the use of repertoires in dark-eyed juncos ( <i>Junco hyemalis</i> ). <i>Behavioral Ecology</i> , 2009, 20, 901-907.  | 1.0 | 47        |
| 51 | Song Frequency Does Not Reflect Differences in Body Size among Males in Two Oscine Species. <i>Ethology</i> , 2008, 114, 1084-1093.   | 0.5 | 44        |
| 52 | Brain Size and the Diversification of Body Size in Birds. <i>American Naturalist</i> , 2008, 172, 170-177.  | 1.0 | 44        |
| 53 | Reduced territorial responses in dark-eyed juncos following population establishment in a climatically mild environment. <i>Animal Behaviour</i> , 2006, 71, 893-899.                                 | 0.8 | 43        |
| 54 | Unifying latitudinal gradients in range size and richness across marine and terrestrial systems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153027.                | 1.2 | 41        |

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|----|--|-----|-----------|
| 55 | Regional influences on community structure across the tropical-temperate divide. <i>Nature Communications</i> , 2019, 10, 2646.  | 5.8 | 40        |
| 56 | Plant species richness across the Himalaya driven by evolutionary history and current climate. <i>Ecosphere</i> , 2019, 10, e02945.  | 1.0 | 39        |
| 57 | Annual variation in fat storage by a migrant warbler overwintering in the Indian tropics. <i>Journal of Animal Ecology</i> , 1999, 68, 815-823.                                    | 1.3 | 33        |
| 58 | ECOLOGICAL LIMITS ON DIVERSIFICATION OF THE HIMALAYAN CORE CORVOIDEA. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2599-2613.                          | 1.1 | 33        |
| 59 | Latitudinal trends in body size among over-wintering leaf warblers (genus <i>Phylloscopus</i> ). <i>Ecography</i> , 2003, 26, 69-79.   | 2.1 | 32        |
| 60 | Rates of signal evolution are associated with the nature of interspecific communication. <i>Behavioral Ecology</i> , 2015, 26, 83-90.  | 1.0 | 31        |
| 61 | Causes of the latitudinal gradient in birdsong complexity assessed from geographical variation within two Himalayan warbler species. <i>Ibis</i> , 2015, 157, 511-527.             | 1.0 | 30        |
| 62 | Sexual selection when the female directly benefits. <i>Biological Journal of the Linnean Society</i> , 1993, 48, 187-211.  | 0.7 | 30        |
| 63 | Analysis of tropical and temperate elevational gradients in arthropod abundance. <i>Frontiers of Biogeography</i> , 2019, 11, .  | 0.8 | 27        |
| 64 | Environmental and genotype-by-environment influences on chick size in the Yellow-browed leaf warbler <i>Phylloscopus inornatus</i> . <i>Oecologia</i> , 1991, 86, 535-541.         | 0.9 | 26        |
| 65 | Evolution of displays within the pair bond. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20123020.  | 1.2 | 25        |
| 66 | Song Variation in a Recently Founded Population of the Dark-eyed Junco ( <i>Junco hyemalis</i> ). <i>Ethology</i> , 2008, 114, 164-173.  | 0.5 | 24        |
| 67 | No Correlation Between Three Selected Trade-offs in Birdsong Performance and Male Quality for a Species With Song Repertoires. <i>Ethology</i> , 2012, 118, 584-593.               | 0.5 | 24        |
| 68 | A test for community saturation along the Himalayan bird diversity gradient, based on within-species geographical variation. <i>Journal of Animal Ecology</i> , 2014, 83, 628-638. | 1.3 | 24        |
| 69 | Ecological Limits as the Driver of Bird Species Richness Patterns along the East Himalayan Elevational Gradient. <i>American Naturalist</i> , 2020, 195, 802-817.                  | 1.0 | 24        |
| 70 | Drivers of elevational richness peaks, evaluated for trees in the east Himalaya. <i>Ecology</i> , 2019, 100, e02548.   | 1.5 | 23        |
| 71 | Introduction: Genetics of Colonizing Species. <i>American Naturalist</i> , 2008, 172, S1-S3.   | 1.0 | 20        |
| 72 | Song playbacks demonstrate slower evolution of song discrimination in birds from Amazonia than from temperate North America. <i>PLoS Biology</i> , 2019, 17, e3000478.             | 2.6 | 20        |

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|----|---|-----|-----------|
| 73 | POPULATION AND DEVELOPMENTAL VARIATION IN THE FEATHER TIP. Evolution; International Journal of Organic Evolution, 1991, 45, 518-533.                                  | 1.1 | 19        |
| 74 | Evolution of sexual cooperation from sexual conflict. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23225-23231.        | 3.3 | 19        |
| 75 | 200 Years of Research on Himalayan Biodiversity: Trends, Gaps, and Policy Implications. Frontiers in Ecology and Evolution, 2021, 8, .                                | 1.1 | 19        |
| 76 | Ecological influences on the temporal pattern of speciation. , 2001, , 240-256.   |     | 18        |
| 77 | Domesticated birds as a model for the genetics of speciation by sexual selection. Genetica, 2002, 116, 311-27.  | 0.5 | 16        |
| 78 | Dispersal syndromes drive the formation of biogeographical regions, illustrated by the case of Wallace's Line. Global Ecology and Biogeography, 2021, 30, 685-696.    | 2.7 | 15        |
| 79 | Understanding how neural responses contribute to the diversity of avian colour vision. Animal Behaviour, 2019, 155, 297-305.  | 0.8 | 14        |
| 80 | Urban birdsongs: higher minimum song frequency of an urban colonist persists in a common garden experiment. Animal Behaviour, 2020, 170, 33-41.                       | 0.8 | 14        |
| 81 | Exploitation in Northeast India. Science, 2013, 339, 270-270.   | 6.0 | 13        |
| 82 | Competition with insectivorous ants as a contributor to low songbird diversity at low elevations in the eastern Himalaya. Ecology and Evolution, 2020, 10, 4280-4290. | 0.8 | 13        |
| 83 | Climate Change: A Hybrid Zone Moves North. Current Biology, 2014, 24, R230-R232.  | 1.8 | 10        |
| 84 | Adaptive Radiations: There's Something About Finches. Current Biology, 2011, 21, R953-R955.   | 1.8 | 9         |
| 85 | The evolutionary origin of variation in song length and frequency in the avian family Cettiidae. Journal of Avian Biology, 2017, 48, 1295-1300.                       | 0.6 | 9         |
| 86 | Historical Contingency and Developmental Constraints in Avian Coloration. Trends in Ecology and Evolution, 2018, 33, 574-576.   | 4.2 | 9         |
| 87 | Population Regulation and Character Displacement in a Seasonal Environment. American Naturalist, 2012, 179, 693-705.  | 1.0 | 8         |
| 88 | Resource variation generates positive correlations between pre- and postcopulatory sexual traits. Behavioral Ecology, 2019, 30, 341-347.                              | 1.0 | 8         |
| 89 | Historical limits on species co-occurrence determine variation in clade richness among New World passerine birds. Journal of Biogeography, 2017, 44, 736-747.         | 1.4 | 7         |
| 90 | Receptor noise models: time to consider alternatives?: a comment on Olsson et al.. Behavioral Ecology, 2018, 29, 284-285.   | 1.0 | 7         |

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|-----|---|------|-----------|
| 91  | Taxonomy of cryptic species in the <i>Cyornis rubeculoides</i> complex in the Indian subcontinent. <i>Ibis</i> , 2020, 162, 924-935.  | 1.0  | 7         |
| 92  | In sight of speciation. <i>Nature</i> , 2008, 455, 601-602.   | 13.7 | 6         |
| 93  | Eaglenest Wildlife Sanctuary: Pressures on Biodiversity. <i>American Naturalist</i> , 2012, 180, 535-545.   | 1.0  | 6         |
| 94  | Positive correlations between pre- and post-copulatory sexual traits in warblers. <i>Journal of Avian Biology</i> , 2018, 49, jav-01694.                                    | 0.6  | 6         |
| 95  | The Debate on Determinants of Species Richness. <i>American Naturalist</i> , 2015, 185, 571-571.  | 1.0  | 5         |
| 96  | Rapid evolutionary divergence of a songbird population following recent colonization of an urban area. <i>Molecular Ecology</i> , 2022, 31, 2625-2643.                      | 2.0  | 5         |
| 97  | Allo-parapatric speciation goes offshore. <i>National Science Review</i> , 2019, 6, 289-289.  | 4.6  | 4         |
| 98  | Key roles for the freezing line and disturbance in driving the low plant species richness of temperate regions. <i>Global Ecology and Biogeography</i> , 2022, 31, 280-293. | 2.7  | 4         |
| 99  | Effects of Plasticity on Elevational Range Size and Species Richness. <i>American Naturalist</i> , 2022, 200, 316-329.  | 1.0  | 4         |
| 100 | Habitat Choice in Captive Arctic Warblers. <i>Auk</i> , 1990, 107, 434-437.   | 0.7  | 2         |
| 101 | Evolution of Visual Processing in the Human Retina. <i>Trends in Ecology and Evolution</i> , 2017, 32, 810-813.   | 4.2  | 2         |
| 102 | Drivers of Elevational Richness Peaks, Evaluated for Trees in the East Himalaya. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01499.                  | 0.2  | 0         |
| 103 | Three thousand years in Tibet. <i>National Science Review</i> , 2020, 7, 129-130.   | 4.6  | 0         |
| 104 | The Sensory Ecology of Birds. <i>Auk</i> , 2021, 138, .   | 0.7  | 0         |