

Christopher P Burrige

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

3,011
citations

182225

30
h-index

232693

48
g-index

119
all docs

119
docs citations

119
times ranked

4186
citing authors

#	ARTICLE	IF	CITATIONS
1	Population genetic differentiation and genomic signatures of adaptation to climate in an abundant lizard. <i>Heredity</i> , 2022, 128, 271-278.	1.2	7
2	Sex reversal explains some, but not all, climate-mediated sex ratio variation within a viviparous reptile. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	2
3	Differences in Homomorphic Sex Chromosomes Are Associated with Population Divergence in Sex Determination in <i>Carinascincus ocellatus</i> (Scincidae: Lygosominae). <i>Cells</i> , 2021, 10, 291.	1.8	8
4	Pleistocene divergence in the absence of gene flow among populations of a viviparous reptile with intraspecific variation in sex determination. <i>Ecology and Evolution</i> , 2021, 11, 5575-5583.	0.8	5
5	The effects of weather variability on patterns of genetic diversity in Tasmanian bettongs. <i>Molecular Ecology</i> , 2021, 30, 1777-1790.	2.0	3
6	Metabarcoding reveals landscape drivers of beetle community composition approximately 50 years after timber harvesting. <i>Forest Ecology and Management</i> , 2021, 488, 119020.	1.4	2
7	Morphometric and population genomic evidence for species divergence in the <i>Chimarrichthys</i> fish complex of the Tibetan Plateau. <i>Molecular Phylogenetics and Evolution</i> , 2021, 159, 107117.	1.2	5
8	Contrasting population manipulations reveal resource competition between two large marsupials: bare-nosed wombats and eastern grey kangaroos. <i>Oecologia</i> , 2021, 197, 313-325.	0.9	5
9	Climate Shapes the Geographic Distribution and Introgressive Spread of Color Ornamentation in Common Wall Lizards. <i>American Naturalist</i> , 2021, 198, 379-393.	1.0	7
10	Australian lizards are outstanding models for reproductive biology research. <i>Australian Journal of Zoology</i> , 2021, 68, 168-199.	0.6	9
11	Research supporting restoration aiming to make a fragmented landscape "functional" for native wildlife. <i>Ecological Management and Restoration</i> , 2021, 22, 65-74.	0.7	15
12	A practical guide to DNA metabarcoding for entomological ecologists. <i>Ecological Entomology</i> , 2020, 45, 373-385.	1.1	75
13	Subtle Genetic Clustering Among South Australian Colonies of Little Penguins (<i>Eudyptula minor</i>): A Reply to Colombelli-Ná@grel et al. (2020). <i>Journal of Heredity</i> , 2020, 111, 506-509.	1.0	1
14	Does migration promote or inhibit diversification? A case study involving the dominant radiation of temperate Southern Hemisphere freshwater fishes. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1954-1965.	1.1	14
15	Morphological Convergence and Divergence in Galaxias Fishes in Lentic and Lotic Habitats. <i>Diversity</i> , 2020, 12, 183.	0.7	8
16	River Capture and Freshwater Biological Evolution: A Review of Galaxiid Fish Vicariance. <i>Diversity</i> , 2020, 12, 216.	0.7	29
17	<sc>DNA</sc> metabarcoding captures subtle differences in forest beetle communities following disturbance. <i>Restoration Ecology</i> , 2020, 28, 1475-1484.	1.4	9
18	Identifying mechanisms of genetic differentiation among populations in vagile species: historical factors dominate genetic differentiation in seabirds. <i>Biological Reviews</i> , 2020, 95, 625-651.	4.7	34

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19	Does the virus cross the road? Viral phylogeographic patterns among bobcat populations reflect a history of urban development. <i>Evolutionary Applications</i> , 2020, 13, 1806-1817.	1.5	7
20	Using ancient DNA to quantify losses of genetic and species diversity in seabirds: a case study of <i>Pterodroma</i> petrels from a Pacific island. <i>Biodiversity and Conservation</i> , 2020, 29, 2361-2375.	1.2	3
21	Phylogeographic parallelism: Concordant patterns in closely related species illuminate underlying mechanisms in the historically glaciated Tasmanian landscape. <i>Journal of Biogeography</i> , 2020, 47, 1674-1686.	1.4	5
22	Population-scale treatment informs solutions for control of environmentally transmitted wildlife disease. <i>Journal of Applied Ecology</i> , 2019, 56, 2363-2375.	1.9	22
23	A taxonomic revision of Cheilodactylidae and Latridae (Centrarchiformes: Cirrhitidae) using morphological and genomic characters. <i>Zootaxa</i> , 2019, 4585, zootaxa.4585.1.7.	0.2	9
24	Urbanization reduces genetic connectivity in bobcats (<i>Lynx rufus</i>) at both intra- and interpopulation spatial scales. <i>Molecular Ecology</i> , 2019, 28, 5068-5085.	2.0	24
25	High vagility facilitates population persistence and expansion prior to the Last Glacial Maximum in an antarctic top predator: The Snow petrel (<i>Pagodroma nivea</i>). <i>Journal of Biogeography</i> , 2019, 46, 442-453.	1.4	9
26	The lasting biological signature of Pliocene tectonics: Reviewing the re-routing of Australia's largest river drainage system. <i>Journal of Biogeography</i> , 2019, 46, 1494-1503.	1.4	14
27	Politics and pride: Maintaining genetic novelty may be detrimental for the conservation of Formosa landlocked salmon <i>Oncorhynchus formosanus</i> . <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 840-847.	0.9	9
28	Isolation, marine transgression and translocation of the bare-nosed wombat (<i>Vombatus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.5	20
29	Open access solutions for biodiversity journals: Do not replace one problem with another. <i>Diversity and Distributions</i> , 2019, 25, 5-8.	1.9	19
30	Ancient <i>scp</i> DNA tracks the mainland extinction and island survival of the Tasmanian devil. <i>Journal of Biogeography</i> , 2018, 45, 963-976.	1.4	22
31	Making the connection: expanding the role of restoration genetics in restoring and evaluating connectivity. <i>Restoration Ecology</i> , 2018, 26, 411-418.	1.4	22
32	Conservation of Sex-Linked Markers among Conspecific Populations of a Viviparous Skink, <i>Niveoscincus ocellatus</i> , Exhibiting Genetic and Temperature-Dependent Sex Determination. <i>Genome Biology and Evolution</i> , 2018, 10, 1079-1087.	1.1	43
33	Genetic divergence between colonies of Flesh-footed Shearwater <i>Ardenna carneipes</i> exhibiting different foraging strategies. <i>Conservation Genetics</i> , 2018, 19, 27-41.	0.8	11
34	Underrepresentation of avian studies in landscape genetics. <i>Ibis</i> , 2018, 160, 1-12.	1.0	19
35	Invasive pathogen drives host population collapse: Effects of a travelling wave of sarcoptic mange on bare-nosed wombats. <i>Journal of Applied Ecology</i> , 2018, 55, 331-341.	1.9	43
36	Pathogens in space: Advancing understanding of pathogen dynamics and disease ecology through landscape genetics. <i>Evolutionary Applications</i> , 2018, 11, 1763-1778.	1.5	37

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37	Intrinsic factors drive spatial genetic variation in a highly vagile species, the wedge-tailed eagle <i>Aquila audax</i> , in Tasmania. <i>Journal of Avian Biology</i> , 2017, 48, 1025-1034.	0.6	4
38	Trophic position determines functional and phylogenetic recovery after disturbance within a community. <i>Functional Ecology</i> , 2017, 31, 1441-1451.	1.7	20
39	Population genetic and behavioural variation of the two remaining colonies of Providence petrel (<i>Pterodroma solandri</i>). <i>Conservation Genetics</i> , 2017, 18, 117-129.	0.8	5
40	Detecting Selection on Temporal and Spatial Scales: A Genomic Time-Series Assessment of Selective Responses to Devil Facial Tumor Disease. <i>PLoS ONE</i> , 2016, 11, e0147875.	1.1	17
41	Evolution of the Taieri River catchment, East Otago, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2016, 59, 257-273.	1.0	16
42	Fine-scale habitat preferences influence within-river population connectivity: a case study using two sympatric New Zealand <i>Galaxias</i> fish species. <i>Freshwater Biology</i> , 2016, 61, 51-56.	1.2	15
43	Social structure and landscape genetics of the endemic New Caledonian ant <i>Leptomymex pallens</i> Emery, 1883 (Hymenoptera: Formicidae: Dolichoderinae), in the context of fire-induced rainforest fragmentation. <i>Conservation Genetics</i> , 2016, 17, 931-947.	0.8	3
44	Rapid biological speciation driven by tectonic evolution in New Zealand. <i>Nature Geoscience</i> , 2016, 9, 140-144.	5.4	74
45	Population structure and long-term decline in three species of heart urchins <i>Abatus</i> spp. near-shore in the Vestfold Hills region, East Antarctica. <i>Marine Ecology - Progress Series</i> , 2016, 545, 227-238.	0.9	2
46	Within-river genetic connectivity patterns reflect contrasting geomorphology. <i>Journal of Biogeography</i> , 2015, 42, 2452-2460.	1.4	13
47	Coalescent Modelling Suggests Recent Secondary-Contact of Cryptic Penguin Species. <i>PLoS ONE</i> , 2015, 10, e0144966.	1.1	33
48	Assessment of high-resolution melting (HRM) profiles as predictors of microsatellite variation: an example in Providence Petrel (<i>Pterodroma solandri</i>). <i>Genes and Genomics</i> , 2015, 37, 977-983.	0.5	2
49	Molecular discrimination of shelf-spawned eggs of two co-occurring <i>Trachurus</i> spp. (Carangidae) in southeastern Australia: a key step to future egg-based biomass estimates. <i>ICES Journal of Marine Science</i> , 2015, 72, 614-624.	1.2	18
50	Nonequilibrium Conditions Explain Spatial Variability in Genetic Structuring of Little Penguin (<i>Eudyptula minor</i>). <i>Journal of Heredity</i> , 2015, 106, 228-237.	1.0	11
51	Geology shapes biogeography: Quaternary river-capture explains New Zealand's biologically composite Taieri River. <i>Quaternary Science Reviews</i> , 2015, 120, 47-56.	1.4	21
52	Isolation Via Next-Generation Sequencing of Microsatellites from the Tasmanian Macroalgae <i>Lessonia corrugata</i> (Lessoniaceae). <i>Applications in Plant Sciences</i> , 2015, 3, 1500042.	0.8	1
53	Persistence and dispersal in a Southern Hemisphere glaciated landscape: the phylogeography of the spotted snow skink (<i>Niveoscincus ocellatus</i>) in Tasmania. <i>BMC Evolutionary Biology</i> , 2015, 15, 121.	3.2	16
54	Shallow phylogeographic histories of key species in a biodiversity hotspot. <i>Phycologia</i> , 2015, 54, 556-565.	0.6	20

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55	Global Biodiversity Assessment and Hyper-Cryptic Species Complexes: More Than One Species of Elephant in the Room?. <i>Systematic Biology</i> , 2014, 63, 518-533.	2.7	157
56	The significance of past interdrainage connectivity for studies of diversity, distribution and movement of freshwater limited taxa within a catchment. <i>Journal of Biogeography</i> , 2014, 41, 536-547.	1.4	15
57	Extensive population decline in the Tasmanian devil predates European settlement and devil facial tumour disease. <i>Biology Letters</i> , 2014, 10, 20140619.	1.0	59
58	Significant population genetic structuring but a lack of phylogeographic structuring in the endemic Tasmanian tree frog (<i>Litoria burrowsae</i>). <i>Australian Journal of Zoology</i> , 2014, 62, 238.	0.6	3
59	Twenty microsatellite loci for population and conservation genetic studies of the wedge-tailed eagle (<i>Aquila audax</i>). <i>Australian Journal of Zoology</i> , 2014, 62, 235.	0.6	3
60	Implications of Macroalgal Isolation by Distance for Networks of Marine Protected Areas. <i>Conservation Biology</i> , 2014, 28, 438-445.	2.4	37
61	Disease induced changes in gene flow patterns among Tasmanian devil populations. <i>Biological Conservation</i> , 2013, 165, 69-78.	1.9	15
62	Biogeography Off the Tracks. <i>Systematic Biology</i> , 2013, 62, 494-498.	2.7	35
63	Habitat fragmentation in forests affects relatedness and spatial genetic structure of a native rodent, <i>Attus lutreolus</i> . <i>Austral Ecology</i> , 2013, 38, 568-580.	0.7	9
64	Did postglacial sea-level changes initiate the evolutionary divergence of a Tasmanian endemic raptor from its mainland relative?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132448.	1.2	23
65	Life history matters: comparisons of population structuring in sympatric octopus species that differ in the presence of a pelagic larval stage. <i>Marine Ecology - Progress Series</i> , 2013, 486, 203-212.	0.9	17
66	Tectonic controls on the evolution of the Clutha River catchment, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2012, 55, 345-359.	1.0	26
67	Development of eight polymorphic microsatellite loci in the cephalopod <i>Octopus pallidus</i> . <i>Conservation Genetics Resources</i> , 2012, 4, 97-99.	0.4	3
68	Marine dispersal as a prerequisite for Gondwanan vicariance among elements of the galaxiid fish fauna. <i>Journal of Biogeography</i> , 2012, 39, 306-321.	1.4	75
69	Understanding age-specific dispersal in fishes through hydrodynamic modelling, genetic simulations and microsatellite DNA analysis. <i>Molecular Ecology</i> , 2012, 21, 2145-2159.	2.0	36
70	update: Divergence of island biotas when they were not always islands. <i>Frontiers of Biogeography</i> , 2012, 3, .	0.8	3
71	Historic divergence with contemporary connectivity in a catadromous fish, the estuary perch (<i>Macquaria colonorum</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 304-318.	0.7	22
72	Resolution of the <i>Acanthopagrus</i> black seabream complex based on mitochondrial and amplified fragment length polymorphism analyses. <i>Journal of Fish Biology</i> , 2011, 79, 1182-1192.	0.7	13

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73	Two spinefoot colour morphs: mottled spinefoot <i>Siganus fuscescens</i> and white-spotted spinefoot <i>Siganus canaliculatus</i> are synonyms. <i>Journal of Fish Biology</i> , 2011, 79, 1350-1355.	0.7	11
74	A hybrid zone and bidirectional introgression between two catadromous species: Australian bass <i>Macquaria novemaculeata</i> and estuary perch <i>Macquaria colonorum</i> . <i>Journal of Fish Biology</i> , 2011, 79, 1214-1235.	0.7	9
75	Development of 13 microsatellite loci in the spotted snow skink <i>Niveoscincus ocellatus</i> (Squamata: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62	0.4	1
76	Osteology and relationships of the southern freshwater lower euteleostean fishes. <i>Zoosystematics and Evolution</i> , 2011, 87, 7-185.	0.4	7
77	Gene Trees versus Species Trees: Reassessing Life-History Evolution in a Freshwater Fish Radiation. <i>Systematic Biology</i> , 2010, 59, 504-517.	2.7	72
78	Range-wide Phylogeography of the Little Penguin (<i>Eudyptula minor</i>): Evidence of Long-distance Dispersal. <i>Auk</i> , 2009, 126, 397-408.	0.7	33
79	Tri- and tetranucleotide microsatellites in dhufish <i>Glaucosoma hebracium</i> (Perciformes). <i>Molecular Ecology Resources</i> , 2009, 9, 948-951.	2.2	1
80	Contrasting genetic structuring between colonies of the World's smallest penguin, <i>Eudyptula minor</i> (Aves: Spheniscidae). <i>Conservation Genetics</i> , 2008, 9, 893-905.	0.8	23
81	Optimizing the use of shed feathers for genetic analysis. <i>Molecular Ecology Resources</i> , 2008, 8, 561-567.	2.2	65
82	Evolution of biological dispersal corridors through a tectonically active mountain range in New Zealand. <i>Journal of Biogeography</i> , 2008, 35, 1790-1802.	1.4	29
83	DOES FISH ECOLOGY PREDICT DISPERSAL ACROSS A RIVER DRAINAGE DIVIDE?. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1484-1499.	1.1	90
84	Geological Dates and Molecular Rates: Fish DNA Sheds Light on Time Dependency. <i>Molecular Biology and Evolution</i> , 2008, 25, 624-633.	3.5	215
85	Genetic ages for Quaternary topographic evolution: A new dating tool. <i>Geology</i> , 2008, 36, 19.	2.0	37
86	Geological Dates and Molecular Rates: Rapid Divergence of Rivers and Their Biotas. <i>Systematic Biology</i> , 2007, 56, 271-282.	2.7	63
87	Genetic diversity of common carp (<i>Cyprinus carpio</i> L.) in Vietnam using four microsatellite loci. <i>Aquaculture</i> , 2007, 269, 174-186.	1.7	30
88	Late Quaternary river drainage and fish evolution, Southland, New Zealand. <i>Geomorphology</i> , 2007, 84, 98-110.	1.1	51
89	An empirical test of freshwater vicariance via river capture. <i>Molecular Ecology</i> , 2007, 16, 1883-1895.	2.0	93
90	Isolation and characterization of microsatellite loci to DNA fingerprint the Powerful Owl (<i>Ninox</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.7	6

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91	Population Genetic Structuring in <i>Acanthopagrus butcheri</i> (Pisces: Sparidae): Does Low Gene Flow Among Estuaries Apply to Both Sexes?. <i>Marine Biotechnology</i> , 2007, 9, 33-44.	1.1	22
92	Multiple Origins of the Juan Fernández Kelpfish Fauna and Evidence for Frequent and Unidirectional Dispersal of Cirrhitoid Fishes Across the South Pacific. <i>Systematic Biology</i> , 2006, 55, 566-578.	2.7	32
93	RIVER CAPTURE, RANGE EXPANSION, AND CLADOGENESIS: THE GENETIC SIGNATURE OF FRESHWATER VICARIANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1038.	1.1	6
94	Using mitochondrial nucleotide sequences to investigate diversity and genealogical relationships within common carp (<i>Cyprinus carpio</i> L.). <i>Animal Genetics</i> , 2005, 36, 23-28.	0.6	36
95	Complete Mitochondrial DNA Sequences of the Decapod Crustaceans <i>Pseudocarcinus gigas</i> (Menippidae) and <i>Macrobrachium rosenbergii</i> (Palaemonidae). <i>Marine Biotechnology</i> , 2005, 7, 339-349.	1.1	81
96	Population genetic studies on the Australian freshwater crayfish, <i>Cherax destructor</i> (Crustacea: Decapoda: Decapoda). <i>Trends in Ecology and Evolution</i> , 2005, 20, 13-18.	0.5	13
97	Complete Mitochondrial DNA Sequences of the Decapod Crustaceans <i>Pseudocarcinus gigas</i> (Menippidae) and <i>Macrobrachium rosenbergii</i> (Palaemonidae). <i>Marine Biotechnology</i> , 2005, 7, 339.	1.1	6
98	POPULATION STRUCTURE AND EFFECTIVE SIZE IN CRITICALLY ENDANGERED CAPE FEAR SHINERS <i>NOTROPIS MEKISTOCHOLAS</i> . <i>Southeastern Naturalist</i> , 2004, 3, 89-102.	0.2	11
99	Microsatellite loci for studies of wild and hatchery Australian Murray cod <i>Maccullochella peelii peelii</i> (Percichthyidae). <i>Molecular Ecology Notes</i> , 2004, 4, 382-384.	1.7	10
100	Molecular phylogeny and zoogeography of the freshwater crayfish genus <i>Cherax</i> Erichson (Decapoda: Decapoda). <i>Trends in Ecology and Evolution</i> , 2004, 19, 54-59.	0.7	54
101	Stepping stone gene flow in an estuarine-dwelling sparid from south-east Australia. <i>Journal of Fish Biology</i> , 2004, 64, 805-819.	0.7	31
102	Molecular phylogeny of the Cheilodactylidae and Latridae (Perciformes: Cirrhitidae) with notes on taxonomy and biogeography. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 118-127.	1.2	28
103	Allozyme diversity in Australian rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Fisheries Management and Ecology</i> , 2004, 11, 97-106.	1.0	4
104	Complete mitochondrial DNA sequence of the Australian freshwater crayfish, <i>Cherax destructor</i> (Crustacea: Decapoda: Parastacidae): a novel gene order revealed. <i>Gene</i> , 2004, 331, 65-72.	1.0	86
105	The systematics of freshwater crayfish of the genus <i>Cherax</i> Erichson (Decapoda : Parastacidae) in eastern Australia re-examined using nucleotide sequences from 12S rRNA and 16S rRNA genes. <i>Invertebrate Systematics</i> , 2004, 18, 215.	0.5	21
106	<i>Cheilodactylus</i> (<i>Goniistius</i>) <i>francis</i> , a new species of morwong (Perciformes: Cirrhitidae) from the Southwest Pacific. <i>Records of the Australian Museum</i> , 2004, 56, 231-234.	0.3	2
107	Title is missing!. <i>Conservation Genetics</i> , 2003, 4, 219-225.	0.8	16
108	Lack of genetic divergence found with microsatellite DNA markers in the tarakihi <i>Nemadactylus macropterus</i> . <i>New Zealand Journal of Marine and Freshwater Research</i> , 2003, 37, 223-230.	0.8	16

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109	Antitropicality of Pacific Fishes: Molecular Insights. <i>Environmental Biology of Fishes</i> , 2002, 65, 151-164.	0.4	49
110	A modified stepping-stone model of population structure in red drum, <i>Sciaenops ocellatus</i> (Sciaenidae), from the northern Gulf of Mexico. <i>Genetica</i> , 2001, 111, 305-317.	0.5	46
111	Biogeographic history of geminate cirrhitoids (Perciformes: Cirrhitidae) with east-west allopatric distributions across southern Australia, based on molecular data. <i>Global Ecology and Biogeography</i> , 2000, 9, 517-525.	2.7	33
112	Microsatellite loci from the marine fish <i>Nemadactylus macropterus</i> (Perciformes: Cheilodactylidae). <i>Molecular Ecology</i> , 2000, 9, 1180-1181.	2.0	2
113	Molecular phylogeny of the antitropical subgenus <i>Goniistius</i> (Perciformes: <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td</i> (Cheilodactylidae) non-monophyly. <i>Biological Journal of the Linnean Society</i> , 2000, 70, 435-458.	0.7	17
114	Molecular phylogeny of the Aplodactylidae (Perciformes: Cirrhitidae), a group of Southern Hemisphere marine fishes. <i>Journal of Natural History</i> , 2000, 34, 2173-2185.	0.2	17
115	Extreme Intraspecific Mitochondrial DNA Sequence Divergence in <i>Galaxias maculatus</i> (Osteichthys): <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td</i> Evolution, 1999, 11, 1-12.	1.2	84
116	Molecular Phylogeny of <i>Nemadactylus</i> and <i>Acantholatris</i> (Perciformes: Cirrhitidae): <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td</i> (Cheilodactylidae) Evolution, 1999, 13, 93-109.	1.2	33