

Connectivity dominates larval replenishment in a coast

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Matching genetics with oceanography: directional gene flow in a Mediterranean fish species. <i>Molecular Ecology</i> , 2011, 20, 5167-5181.	2.0	121
2	Gone with the currents: lack of genetic differentiation at the circum-continental scale in the Antarctic krill <i>Euphausia superba</i> . <i>BMC Genetics</i> , 2011, 12, 32.	2.7	51
3	Larger female fish contribute disproportionately more to self-replenishment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2116-2121.	1.2	82
4	Open and closed seascapes: Where does habitat patchiness create populations with high fractions of self-recruitment?. <i>Ecological Applications</i> , 2012, 22, 1257-1267.	1.8	92
5	Patterns and persistence of larval retention and connectivity in a marine fish metapopulation. <i>Molecular Ecology</i> , 2012, 21, 4695-4705.	2.0	51
6	On the spatial scale of dispersal in coral reef fishes. <i>Molecular Ecology</i> , 2012, 21, 5675-5688.	2.0	62
7	Modelling Reef Fish Population Responses to Fisheries Restrictions in Marine Protected Areas in the Coral Triangle. <i>Journal of Marine Biology</i> , 2012, 2012, 1-18.	1.0	17
8	Persistence of self-recruitment and patterns of larval connectivity in a marine protected area network. <i>Ecology and Evolution</i> , 2012, 2, 444-452.	0.8	131
9	Larval Export from Marine Reserves and the Recruitment Benefit for Fish and Fisheries. <i>Current Biology</i> , 2012, 22, 1023-1028.	1.8	412
10	Population interconnectivity and implications for recovery of a species of concern, the Pacific hake of Georgia Basin. <i>Marine Biology</i> , 2013, 160, 1157-1170.	0.7	4
11	Population genetic variation in the New Zealand greenshell mussel: locus-dependent conflicting signals of weak structure and high gene flow balanced against pronounced structure and high self-recruitment. <i>Marine Biology</i> , 2013, 160, 931-949.	0.7	44
12	Modelling dispersal dynamics of the early life stages of a marine flatfish (<i>Solea solea</i> L.). <i>Journal of Sea Research</i> , 2013, 84, 13-25.	0.6	39
13	On minimizing assignment errors and the trade-off between false positives and negatives in parentage analysis. <i>Molecular Ecology</i> , 2013, 22, 5738-5742.	2.0	16
14	Relative accuracy of three common methods of parentage analysis in natural populations. <i>Molecular Ecology</i> , 2013, 22, 1158-1170.	2.0	119
15	Genetic diversity, population structure, and demographic history of exploited sea urchin populations (<i>Tripneustes gratilla</i>) in the Philippines. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 449, 284-293.	0.7	14
16	Direct genetic evidence for reproductive philopatry and associated fine-scale migrations in female blacktip reef sharks (<i>Carcharhinus melanopterus</i>) in French Polynesia. <i>Molecular Ecology</i> , 2013, 22, 201-214.	2.0	113
17	Seascape Genetics: Populations, Individuals, and Genes Marooned and Adrift. <i>Geography Compass</i> , 2013, 7, 197-216.	1.5	96
18	Patterns of variability in early life traits of a Mediterranean coastal fish. <i>Marine Ecology - Progress Series</i> , 2013, 476, 227-235.	0.9	14

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19	Self-recruitment in a Caribbean reef fish: a method for approximating dispersal kernels accounting for seascape. <i>Molecular Ecology</i> , 2013, 22, 2563-2572.	2.0	55
20	Disentangling the role of connectivity, environmental filtering, and spatial structure on metacommunity dynamics. <i>Oikos</i> , 2013, 122, 1401-1410.	1.2	67
21	High gene flow in reef fishes and its implications for ad-hoc no-take marine reserves. <i>Mitochondrial DNA</i> , 2013, 24, 584-595.	0.6	4
22	Observations of Migrant Exchange and Mixing in a Coral Reef Fish Metapopulation Link Scales of Marine Population Connectivity. <i>Journal of Heredity</i> , 2013, 104, 532-546.	1.0	19
23	Larval Connectivity and the International Management of Fisheries. <i>PLoS ONE</i> , 2013, 8, e64970.	1.1	124
24	Longevity in maternal transmission of isotopic marks in a tropical freshwater rainbowfish and the implications for offspring morphology. <i>Marine and Freshwater Research</i> , 2014, 65, 400.	0.7	5
25	Magnificent dimensions, varied forms, and brilliant colors: the molecular ecology and evolution of the Indian and Pacific oceans. <i>Bulletin of Marine Science</i> , 2014, 90, 1-11.	0.4	24
26	Beyond connectivity: how empirical methods can quantify population persistence to improve marine protected area design. <i>Ecological Applications</i> , 2014, 24, 257-270.	1.8	184
27	Factors affecting the local abundance of two anemonefishes (<i>Amphiprion frenatus</i> and <i>A. perideraion</i>) around a semi-closed bay in Puerto Galera, the Philippines. <i>Hydrobiologia</i> , 2014, 733, 63-69.	1.0	4
28	Florida Gulf Bay Scallop (<i>Argopecten irradians concentricus</i>) Population Genetic Structure: Form, Variation, and Influential Factors. <i>Journal of Shellfish Research</i> , 2014, 33, 99-136.	0.3	12
29	Validation of microsatellite multiplexes for parentage analysis and species discrimination in two hybridizing species of coral reef fish (<i>Plectropomus</i> spp., <i>Serranidae</i>). <i>Ecology and Evolution</i> , 2014, 4, 2046-2057.	0.8	26
30	Larval dispersal and population connectivity among a network of marine reserves. <i>Fisheries Oceanography</i> , 2014, 23, 342-361.	0.9	52
31	Evaluation of transgenerational isotope labeling of embryonic otoliths in a coral reef damselfish with single and repeated injections of enriched ¹³⁷ Barium. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 459, 151-159.	0.7	6
32	Kinship analyses identify fish dispersal events on a temperate coastline. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140556.	1.2	39
33	Validation of microsatellite multiplexes for parentage analysis in a coral reef fish (<i>Lutjanus</i>). <i>PLoS ONE</i> , 2014, 9, e101822.	0.4	2
34	The role of individual variation in marine larval dispersal. <i>Frontiers in Marine Science</i> , 2014, 1, .	1.2	31
35	Using neutral, selected, and hitchhiker loci to assess connectivity of marine populations in the genomic era. <i>Evolutionary Applications</i> , 2015, 8, 769-786.	1.5	223
36	Identifying the key biophysical drivers, connectivity outcomes, and metapopulation consequences of larval dispersal in the sea. <i>Movement Ecology</i> , 2015, 3, 17.	1.3	105

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38	Benefits of Turbid River Plume Habitat for Lake Erie Yellow Perch (<i>Perca flavescens</i>) Recruitment Determined by Juvenile to Larval Genotype Assignment. <i>PLoS ONE</i> , 2015, 10, e0125234.	1.1	12
39	Not finding Nemo: limited reef-scale retention in a coral reef fish. <i>Coral Reefs</i> , 2015, 34, 383-392.	0.9	41
40	Bigger mothers= better chances: the first test of a central hypothesis in marine fish ecology editorial comment on the feature article by Saenz-Agudelo et al.. <i>Marine Biology</i> , 2015, 162, 1-2.	0.7	6
41	Mothers matter: contribution to local replenishment is linked to female size, mate replacement and fecundity in a fish metapopulation. <i>Marine Biology</i> , 2015, 162, 3-14.	0.7	29
42	Connectivity patterns of coastal fishes following different dispersal scenarios across a transboundary marine protected area (Bonifacio strait, NW Mediterranean). <i>Estuarine, Coastal and Shelf Science</i> , 2015, 154, 234-247.	0.9	19
43	Linking local retention, self-recruitment, and persistence in marine metapopulations. <i>Ecology</i> , 2015, 96, 2236-2244.	1.5	38
44	Exploring Coral Reefs Using the Tools of Molecular Genetics. , 2015, , 117-132.		9
45	Identifying the ichthyoplankton of a coral reef using <i>scp</i> DNA barcodes. <i>Molecular Ecology Resources</i> , 2015, 15, 57-67.	2.2	67
46	Planning Marine Reserve Networks for Both Feature Representation and Demographic Persistence Using Connectivity Patterns. <i>PLoS ONE</i> , 2016, 11, e0154272.	1.1	17
47	Linking basin-scale connectivity, oceanography and population dynamics for the conservation and management of marine ecosystems. <i>Global Ecology and Biogeography</i> , 2016, 25, 503-515.	2.7	97
48	Population genetic structure of the European lobster (<i>Homarus gammarus</i>) in the Irish Sea and implications for the effectiveness of the first British marine protected area. <i>Fisheries Research</i> , 2016, 183, 287-293.	0.9	17
49	Stirred but not shaken: population and recruitment genetics of the scallop (<i>Pecten fumatus</i>) in Bass Strait, Australia. <i>ICES Journal of Marine Science</i> , 2016, 73, 2333-2341.	1.2	2
50	Fitting state-space integral projection models to size-structured time series data to estimate unknown parameters. <i>Ecological Applications</i> , 2016, 26, 2677-2694.	1.8	19
51	Fishes that rule the world: circumtropical distributions revisited. <i>Fish and Fisheries</i> , 2016, 17, 664-679.	2.7	77
52	Spatial patterns of self-recruitment of a coral reef fish in relation to island-scale retention mechanisms. <i>Molecular Ecology</i> , 2016, 25, 5203-5211.	2.0	16
53	Larval dispersal underlies demographically important intersystem connectivity in a Great Lakes yellow perch (<i>Perca flavescens</i>) population. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 416-426.	0.7	10
54	Large-scale, multidirectional larval connectivity among coral reef fish populations in the Great Barrier Reef Marine Park. <i>Molecular Ecology</i> , 2016, 25, 6039-6054.	2.0	79
55	Characterization and cross-amplification of microsatellite markers in four species of anemonefish (<i>Pomacentridae</i> , <i>Amphiprion</i> spp.). <i>Marine Biodiversity</i> , 2016, 46, 135-140.	0.3	4

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57	Larval fish dispersal in a coral-reef seascape. <i>Nature Ecology and Evolution</i> , 2017, 1, 148.	3.4	101
58	Relationship type affects the reliability of dispersal distance estimated using pedigree inferences in partially sampled populations: A case study involving invasive American mink in Scotland. <i>Molecular Ecology</i> , 2017, 26, 4059-4071.	2.0	8
59	Reef-fish larval dispersal patterns validate no-take marine reserve network connectivity that links human communities. <i>Coral Reefs</i> , 2017, 36, 791-801.	0.9	30
60	Uncertainty in empirical estimates of marine larval connectivity. <i>ICES Journal of Marine Science</i> , 2017, 74, 1723-1734.	1.2	13
61	Seascape genomics reveals fine-scale patterns of dispersal for a reef fish along the ecologically divergent coast of Northwestern Australia. <i>Molecular Ecology</i> , 2017, 26, 6206-6223.	2.0	44
62	Ontogenetic milestones of chemotactic behaviour reflect innate species-specific response to habitat cues in larval fish. <i>Animal Behaviour</i> , 2017, 132, 61-71.	0.8	7
63	Marine protected area restricts demographic connectivity: Dissimilarity in a marine environment can function as a biological barrier. <i>Ecology and Evolution</i> , 2017, 7, 7859-7871.	0.8	7
64	Disentangling the relative merits and disadvantages of parentage analysis and assignment tests for inferring population connectivity. <i>ICES Journal of Marine Science</i> , 2017, 74, 1749-1762.	1.2	24
65	Global mismatch between fishing dependency and larval supply from marine reserves. <i>Nature Communications</i> , 2017, 8, 16039.	5.8	40
66	Modeling Larval Connectivity of Coral Reef Organisms in the Kenya-Tanzania Region. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	37
67	Use of total allowable catch to regulate a selective marine aquarium fishery. <i>Marine Policy</i> , 2018, 90, 160-167.	1.5	7
68	Development and characterization of new polymorphic microsatellite markers in four sea anemones: <i>Entacmaea quadricolor</i> , <i>Heteractis magnifica</i> , <i>Stichodactyla gigantea</i> , and <i>Stichodactyla mertensii</i> . <i>Marine Biodiversity</i> , 2018, 48, 1283-1290.	0.3	2
69	Estimating dispersal kernels using genetic parentage data. <i>Methods in Ecology and Evolution</i> , 2018, 9, 490-501.	2.2	22
70	Complex effect of projected sea temperature and wind change on flatfish dispersal. <i>Global Change Biology</i> , 2018, 24, 85-100.	4.2	30
71	Critical Information Gaps Impeding Understanding of the Role of Larval Connectivity Among Coral Reef Islands in an Era of Global Change. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	18
72	Genetic structure and demographic connectivity of marbled flounder (<i>Pseudopleuronectes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	0.6	3
73	Reduced Genetic Diversity in the Clown Anemonefish <i>Amphiprion ocellaris</i> in Exploited Reefs of Spermonde Archipelago, Indonesia. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	20
74	A novel integrative approach elucidates fine-scale dispersal patchiness in marine populations. <i>Scientific Reports</i> , 2019, 9, 10796.	1.6	15

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75	Dispersal of a nearshore marine fish connects marine reserves and adjacent fished areas along an open coast. <i>Molecular Ecology</i> , 2019, 28, 1611-1623.	2.0	40
76	Connectivity Among Populations of the Top Shell <i>Gibbula divaricata</i> in the Adriatic Sea. <i>Frontiers in Genetics</i> , 2019, 10, 177.	1.1	6
77	Long-Distance Benefits of Marine Reserves: Myth or Reality?. <i>Trends in Ecology and Evolution</i> , 2019, 34, 342-354.	4.2	50
78	Spatiotemporal variations in density and biomass of rocky reef fish in a biogeographic climatic transition zone: trends over 9 years, inside and outside the only nearshore marine-protected area on the southern Brazilian coast. <i>Journal of Fish Biology</i> , 2020, 97, 845-859.	0.7	7
79	Using genetics to inform restoration and predict resilience in declining populations of a keystone marine sponge. <i>Biodiversity and Conservation</i> , 2020, 29, 1383-1410.	1.2	10
80	Asexual reproduction in bad times? The case of <i>Cladocora caespitosa</i> in the eastern Mediterranean Sea. <i>Coral Reefs</i> , 2021, 40, 663-677.	0.9	4
81	The influence of habitat association on swimming performance in marine teleost fish larvae. <i>Fish and Fisheries</i> , 2021, 22, 1187-1212.	2.7	13
82	eDNA metabarcoding illuminates species diversity and composition of three phyla (chordata, mollusca) Tj ETQq1 1 0,784314,rgBT /Over	1.2	18
83	Future Trends of Mediterranean Biodiversity. , 2014, , 479-498.		36
85	Full-Sibs in Cohorts of Newly Settled Coral Reef Fishes. <i>PLoS ONE</i> , 2012, 7, e44953.	1.1	60
86	Low Connectivity between Mediterranean Marine Protected Areas: A Biophysical Modeling Approach for the Dusky Grouper <i>Epinephelus marginatus</i> . <i>PLoS ONE</i> , 2013, 8, e68564.	1.1	117
87	Interspecific, Spatial and Temporal Variability of Self-Recruitment in Anemonefishes. <i>PLoS ONE</i> , 2014, 9, e90648.	1.1	23
88	Long-Distance Dispersal via Ocean Currents Connects Omani Clownfish Populations throughout Entire Species Range. <i>PLoS ONE</i> , 2014, 9, e107610.	1.1	55
89	Local Stressors, Resilience, and Shifting Baselines on Coral Reefs. <i>PLoS ONE</i> , 2016, 11, e0166319.	1.1	21
90	Mitochondrial genetic structure of two populations of <i>Uca uruguayensis</i> fails to reveal an impact of the Rio de la Plata on gene flow. <i>Nauplius</i> , 2012, 20, 15-25.	0.3	21
91	Habitat characteristics and metapopulation dynamics of the copepod <i>Tigriopus californicus</i> . <i>Marine Ecology - Progress Series</i> , 2012, 468, 85-93.	0.9	18
92	Biophysical modelling of snapper <i>Pagrus auratus</i> larval dispersal from a temperate MPA. <i>Marine Ecology - Progress Series</i> , 2014, 515, 203-215.	0.9	13
93	Population assignment tests uncover rare long-distance marine larval dispersal events. <i>Ecology</i> , 2021, , e03559.	1.5	6

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95	Gene Flow and Individual Relatedness Suggest Population Spatial Connectivity of <i>Sinogastromyzon sichangensis</i> (Cypriniformes: Balitoridae) in the Chishui River, China. <i>Zoological Science</i> , 2020, 37, 1.	0.3	1
96	Coral reef social-ecological systems under pressure in Southern Sulawesi. , 2022, , 143-199.		0
97	Comparative cytogenetic patterns in Carangidae fishes in association with their distribution range. <i>Comparative Cytogenetics</i> , 2021, 15, 429-445.	0.3	1
98	Investigating population dynamics from parentage analysis in the highly endangered fan mussel <i>Pinna nobilis</i> . <i>Ecology and Evolution</i> , 2022, 12, e8482.	0.8	3

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