

Raymond D Semlitsch

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185
papers

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186
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#	Paper	IF	Citations
185	Time and Size at Metamorphosis Related to Adult Fitness in <i>Ambystoma Talpoideum</i> . <i>Ecology</i> , 1988 , 69, 184-192	4.6	571
184	Biological Criteria for Buffer Zones around Wetlands and Riparian Habitats for Amphibians and Reptiles. <i>Conservation Biology</i> , 2003 , 17, 1219-1228	6	524
183	Are Small, Isolated Wetlands Expendable?. <i>Conservation Biology</i> , 1998 , 12, 1129-1133	6	411
182	Call duration as an indicator of genetic quality in male gray tree frogs. <i>Science</i> , 1998 , 280, 1928-30	33.3	369
181	Principles for Management of Aquatic-Breeding Amphibians. <i>Journal of Wildlife Management</i> , 2000 , 64, 615	1.9	306
180	Differentiating Migration and Dispersal Processes for Pond-Breeding Amphibians. <i>Journal of Wildlife Management</i> , 2008 , 72, 260-267	1.9	294
179	Biological Delineation of Terrestrial Buffer Zones for Pond-Breeding Salamanders. <i>Conservation Biology</i> , 1998 , 12, 1113-1119	6	292
178	An Experimental Investigation of Landscape Resistance of Forest versus Old-Field Habitats to Emigrating Juvenile Amphibians. <i>Conservation Biology</i> , 2002 , 16, 1324-1332	6	258
177	Critical Elements for Biologically Based Recovery Plans of Aquatic-Breeding Amphibians. <i>Conservation Biology</i> , 2002 , 16, 619-629	6	193
176	Influence of wetland hydroperiod on diversity and abundance of metamorphosing juvenile amphibians. <i>Wetlands Ecology and Management</i> , 1989 , 1, 3	2.1	172
175	Variation in Pesticide Tolerance of Tadpoles among and within Species of Ranidae and Patterns of Amphibian Decline. <i>Conservation Biology</i> , 2000 , 14, 1490-1499	6	169
174	Effects of Timber Harvest on Amphibian Populations: Understanding Mechanisms from Forest Experiments. <i>BioScience</i> , 2009 , 59, 853-862	5.7	157
173	Structure and Dynamics of an Amphibian Community 1996 , 217-248		143
172	Effects of visual, chemical and tactile cues of fish on the behavioural responses of tadpoles. <i>Animal Behaviour</i> , 1993 , 46, 355-364	2.8	137
171	Multiple stressors in amphibian communities: effects of chemical contamination, bullfrogs, and fish 2007 , 17, 291-301		133
170	Effects of Body Size and Parasite Infection on the Locomotory Performance of Juvenile Toads, <i>Bufo bufo</i> . <i>Oikos</i> , 1993 , 66, 129	4	130
169	Interactions of an Insecticide with Larval Density and Predation in Experimental Amphibian Communities. <i>Conservation Biology</i> , 2001 , 15, 228-238	6	125

168	Ecological resistance surfaces predict fine-scale genetic differentiation in a terrestrial woodland salamander. <i>Molecular Ecology</i> , 2014 , 23, 2402-13	5.7	120
167	Grasslands as movement barriers for a forest-associated salamander: Migration behavior of adult and juvenile salamanders at a distinct habitat edge. <i>Biological Conservation</i> , 2006 , 131, 14-22	6.2	120
166	Movement ecology of amphibians: A missing component for understanding population declines. <i>Biological Conservation</i> , 2014 , 169, 44-53	6.2	119
165	Distribution of amphibians in terrestrial habitat surrounding wetlands. <i>Wetlands</i> , 2007 , 27, 153-161	1.7	111
164	Demographic consequences of terrestrial habitat loss for pool-breeding amphibians: predicting extinction risks associated with inadequate size of buffer zones. <i>Conservation Biology</i> , 2008 , 22, 1205-15 ⁶		107
163	Effects of predation risk and hunger on the behaviour of two species of tadpoles. <i>Behavioral Ecology and Sociobiology</i> , 1994 , 34, 393-401	2.5	104
162	PAEDOMORPHOSIS IN AMBYSTOMA TALPOIDEUM: MAINTENANCE OF POPULATION VARIATION AND ALTERNATIVE LIFE-HISTORY PATHWAYS. <i>Evolution; International Journal of Organic Evolution</i> , 1990 , 44, 1604-1613	3.8	103
161	ARTIFICIAL SELECTION FOR PAEDOMORPHOSIS IN THE SALAMANDER AMBYSTOMA TALPOIDEUM. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 105-112	3.8	100
160	Effects of Density of Growth, Metamorphosis, and Survivorship in Tadpoles of Scaphiopus Holbrooki. <i>Ecology</i> , 1982 , 63, 905-911	4.6	99
159	Paedomorphosis in Ambystoma Talpoideum: Effects of Density, Food, and Pond Drying. <i>Ecology</i> , 1987 , 68, 994-1002	4.6	95
158	Reproductive strategy of a facultatively paedomorphic salamander Ambystoma talpoideum. <i>Oecologia</i> , 1985 , 65, 305-313	2.9	95
157	Relationship of Pond Drying to the Reproductive Success of the Salamander Ambystoma talpoideum. <i>Copeia</i> , 1987 , 1987, 61	1.1	93
156	INTERACTIONS OF AN INSECTICIDE WITH COMPETITION AND POND DRYING IN AMPHIBIAN COMMUNITIES 2002 , 12, 307-316		92
155	The Role of Microhabitats in the Desiccation and Survival of Anurans in Recently Harvested Oak Blickory Forest. <i>Copeia</i> , 2008 , 2008, 807-814	1.1	87
154	Terrestrial activity and summer home range of the mole salamander (Ambystoma talpoideum). <i>Canadian Journal of Zoology</i> , 1981 , 59, 315-322	1.5	85
153	Interactions of an Insecticide with Larval Density and Predation in Experimental Amphibian Communities 2001 , 15, 228		82
152	Estimation of core terrestrial habitat for stream-breeding salamanders and delineation of riparian buffers for protection of biodiversity. <i>Conservation Biology</i> , 2007 , 21, 152-8	6	81
151	Paedomorphosis in Ambystoma talpoideum: Maintenance of Population Variation and Alternative Life-History Pathways. <i>Evolution; International Journal of Organic Evolution</i> , 1990 , 44, 1604	3.8	79

150	Influences of Design and Landscape Placement Parameters on Amphibian Abundance in Constructed Wetlands. <i>Wetlands</i> , 2010 , 30, 915-928	1.7	76
149	Density dependence in the terrestrial life history stage of two anurans. <i>Oecologia</i> , 2007 , 153, 879-89	2.9	76
148	Effects of body size, sibship, and tail injury on the susceptibility of tadpoles to dragonfly predation. <i>Canadian Journal of Zoology</i> , 1990 , 68, 1027-1030	1.5	76
147	Effects of timber harvesting on pond-breeding amphibian persistence: testing the evacuation hypothesis 2008 , 18, 283-9		72
146	Interactions between fish and salamander larvae : Costs of predator avoidance or competition?. <i>Oecologia</i> , 1987 , 72, 481-486	2.9	72
145	Effects of Temperature on Growth, Development, and Color Polymorphism in the Ornate Chorus Frog <i>Pseudacris ornata</i> . <i>Copeia</i> , 1988 , 1988, 1001	1.1	70
144	Fine-scale habitat associations of a terrestrial salamander: the role of environmental gradients and implications for population dynamics. <i>PLoS ONE</i> , 2013 , 8, e62184	3.7	69
143	Competition Among Tadpoles of Coexisting Hemiclones of Hybridogenetic <i>Rana esculenta</i> : Support for the Frozen Niche Variation Model. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 1249	3.8	68
142	Intraspecific heterochrony and life history evolution: decoupling somatic and sexual development in a facultatively paedomorphic salamander. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 5643-8	11.5	68
141	Fish predation in size-structured populations of treefrog tadpoles. <i>Oecologia</i> , 1988 , 75, 321-326	2.9	67
140	Survival costs associated with wood frog breeding migrations: effects of timber harvest and drought. <i>Ecology</i> , 2009 , 90, 1620-30	4.6	66
139	Spontaneous heterosis in larval life-history traits of hemiclonal frog hybrids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 2171-6	11.5	63
138	Effects of Egg Size on Success of Larval Salamanders in Complex Aquatic Environments. <i>Ecology</i> , 1990 , 71, 1789-1795	4.6	62
137	EFFECTS OF AN INSECTICIDE ON AMPHIBIANS IN LARGE-SCALE EXPERIMENTAL PONDS 2004 , 14, 685-691		61
136	COMPETITION AND PREDATION MEDIATE THE INDIRECT EFFECTS OF AN INSECTICIDE ON SOUTHERN LEOPARD FROGS 2004 , 14, 1041-1054		61
135	Abundance, biomass production, nutrient content, and the possible role of terrestrial salamanders in Missouri Ozark forest ecosystems. <i>Canadian Journal of Zoology</i> , 2014 , 92, 997-1004	1.5	59
134	Analysis of Climatic Factors Influencing Migrations of the Salamander <i>Ambystoma talpoideum</i> . <i>Copeia</i> , 1985 , 1985, 477	1.1	59
133	Trophic relations in a temporary pond: larval salamanders and their microinvertebrate prey. <i>Canadian Journal of Zoology</i> , 1988 , 66, 2191-2198	1.5	56

132	Salamander abundance along road edges and within abandoned logging roads in Appalachian forests. <i>Conservation Biology</i> , 2007 , 21, 159-67	6	54
131	LOCAL VARIATION IN THE GENETIC BASIS OF PAEDOMORPHOSIS IN THE SALAMANDER AMBYSTOMA TALPOIDEUM. <i>Evolution; International Journal of Organic Evolution</i> , 1990 , 44, 1588-1603	3.8	53
130	Intermediate pond sizes contain the highest density, richness, and diversity of pond-breeding amphibians. <i>PLoS ONE</i> , 2015 , 10, e0123055	3.7	51
129	Leaf litter input mediates tadpole performance across forest canopy treatments. <i>Oecologia</i> , 2008 , 155, 377-84	2.9	50
128	Consequences of forest fragmentation for juvenile survival in spotted (<i>Ambystoma maculatum</i>) and marbled (<i>Ambystoma opacum</i>) salamanders. <i>Canadian Journal of Zoology</i> , 2006 , 84, 797-807	1.5	50
127	Interactions of bullfrog tadpole predators and an insecticide: predation release and facilitation. <i>Oecologia</i> , 2003 , 137, 610-6	2.9	48
126	Testing wetland features to increase amphibian reproductive success and species richness for mitigation and restoration 2012 , 22, 1675-88		47
125	Perceptions of Species Abundance, Distribution, and Diversity: Lessons from Four Decades of Sampling on a Government-Managed Reserve. <i>Environmental Management</i> , 1997 , 21, 259-68	3.1	46
124	Postbreeding Habitat Use of Wood Frogs in a Missouri Oak-hickory Forest. <i>Journal of Herpetology</i> , 2007 , 41, 645-653	1.1	46
123	Density-dependent injury in larval salamanders. <i>Oecologia</i> , 1989 , 81, 100-103	2.9	46
122	Effects of triphenyltin and pH on the growth and development of <i>Rana lessonae</i> and <i>Rana esculenta</i> tadpoles. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 1940-1947	3.8	44
121	Breeding and Recruitment Phenology of Amphibians in Missouri Oak-Hickory Forests. <i>American Midland Naturalist</i> , 2008 , 160, 41-60	0.7	44
120	Density-Dependent Growth and Fecundity in the Paedomorphic Salamander <i>Ambystoma Talpoideum</i> . <i>Ecology</i> , 1987 , 68, 1003-1008	4.6	42
119	Phenotypic Variation in Metamorphosis and Paedomorphosis in the Salamander <i>Ambystoma talpoideum</i> . <i>Ecology</i> , 1985 , 66, 1123-1130	4.6	42
118	Paedomorphosis in the Salamander <i>Ambystoma Talpoideum</i> : Effects of a Fish Predator. <i>Ecology</i> , 1993 , 74, 342-350	4.6	41
117	Spatial variation in water loss predicts terrestrial salamander distribution and population dynamics. <i>Oecologia</i> , 2014 , 176, 357-69	2.9	40
116	PERFORMANCE OF TADPOLES FROM THE HYBRIDOGENETIC <i>RANA ESCULENTA</i> COMPLEX: INTERACTIONS WITH POND DRYING AND INTERSPECIFIC COMPETITION. <i>Evolution; International Journal of Organic Evolution</i> , 1992 , 46, 665-676	3.8	40
115	Larval responses of three midwestern anurans to chronic, low-dose exposures of four herbicides. <i>Archives of Environmental Contamination and Toxicology</i> , 2010 , 58, 819-27	3.2	39

114	ADAPTIVE GENETIC VARIATION IN GROWTH AND DEVELOPMENT OF TADPOLES OF THE HYBRIDOGENETIC RANA ESCULENTA COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 1993 , 47, 1805-1818	3.8	39
113	Effects of nonlethal injury and habitat complexity on predation in tadpole populations. <i>Canadian Journal of Zoology</i> , 1991 , 69, 830-834	1.5	39
112	Sex and seasonal differences in the spatial terrestrial distribution of gray treefrog (<i>Hyla versicolor</i>) populations. <i>Biological Conservation</i> , 2007 , 140, 250-258	6.2	38
111	Effects of timber harvest on breeding-site selection by gray treefrogs (<i>Hyla versicolor</i>). <i>Biological Conservation</i> , 2007 , 138, 506-513	6.2	37
110	Short-term exposure to triphenyltin affects the swimming and feeding behavior of tadpoles. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 1419-1423	3.8	37
109	Variation in somatic and ovarian development: predicting susceptibility of amphibians to estrogenic contaminants. <i>General and Comparative Endocrinology</i> , 2008 , 156, 524-30	3	36
108	Phenotypic Variation in the Arrival Time of Breeding Salamanders: Individual Repeatability and Environmental Influences. <i>Journal of Animal Ecology</i> , 1993 , 62, 334	4.7	36
107	Mosquitofish dominate amphibian and invertebrate community development in experimental wetlands. <i>Journal of Applied Ecology</i> , 2013 , 50, 1244-1256	5.8	35
106	Ecological Consequences of Tail Injury in Rana Tadpoles. <i>Copeia</i> , 1990 , 1990, 18	1.1	34
105	Conservation and management of peripheral populations: Spatial and temporal influences on the genetic structure of wood frog (<i>Rana sylvatica</i>) populations. <i>Biological Conservation</i> , 2013 , 158, 351-358	6.2	33
104	SPECIFIC RESPONSES OF SEXUAL AND HYBRIDOGENETIC EUROPEAN WATERFROG TADPOLES TO TEMPERATURE. <i>Ecology</i> , 2001 , 82, 766-774	4.6	33
103	Genetic compatibility between sexual and clonal genomes in local populations of the hybridogenetic <i>Rana esculenta</i> complex. <i>Evolutionary Ecology</i> , 1996 , 10, 531-543	1.8	33
102	Efficacy of riparian buffers in mitigating local population declines and the effects of even-aged timber harvest on larval salamanders. <i>Forest Ecology and Management</i> , 2009 , 257, 8-14	3.9	32
101	Overwintered Bullfrog Tadpoles Negatively Affect Salamanders and Anurans in Native Amphibian Communities. <i>Copeia</i> , 2004 , 2004, 683-690	1.1	32
100	Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. <i>Forest Ecology and Management</i> , 2013 , 287, 32-39	3.9	31
99	Life history as a predictor of salamander recovery rate from timber harvest in southern appalachian forests, USA. <i>Conservation Biology</i> , 2013 , 27, 1399-409	6	31
98	Differential dispersal shapes population structure and patterns of genetic differentiation in two sympatric pond breeding salamanders. <i>Conservation Genetics</i> , 2015 , 16, 59-69	2.6	30
97	Life history differences influence the impacts of drought on two pond-breeding salamanders. <i>Ecological Applications</i> , 2015 , 25, 1896-910	4.9	30

96	Structure and Dynamics of Two Breeding Populations of the Eastern Tiger Salamander, <i>Ambystoma tigrinum</i> . <i>Copeia</i> , 1983 , 1983, 608	1.1	30
95	Biomass export of salamanders and anurans from ponds is affected differentially by changes in canopy cover. <i>Freshwater Biology</i> , 2011 , 56, 2473-2482	3.1	29
94	. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 1940	3.8	29
93	Demographic network and multi-season occupancy modeling of <i>Rana sylvatica</i> reveal spatial and temporal patterns of population connectivity and persistence. <i>Landscape Ecology</i> , 2013 , 28, 1601-1613	4.3	28
92	Defining core habitat of local populations of the gray treefrog (<i>Hyla versicolor</i>) based on choice of oviposition site. <i>Oecologia</i> , 2003 , 137, 205-10	2.9	28
91	Mating behavior and determinants of male mating success in the gray treefrog, <i>Hyla chrysoscelis</i> . <i>Canadian Journal of Zoology</i> , 1991 , 69, 246-250	1.5	28
90	Allotopic Distribution of Two Salamanders: Effects of Fish Predation and Competitive Interactions. <i>Copeia</i> , 1988 , 1988, 290	1.1	28
89	Genetic Variation in Insecticide Tolerance in a Population of Southern Leopard Frogs (<i>Rana sphenoccephala</i>): Implications for Amphibian Conservation. <i>Copeia</i> , 2001 , 2001, 7-13	1.1	27
88	Carryover effects in amphibians: are characteristics of the larval habitat needed to predict juvenile survival? 2013 , 23, 1429-42		26
87	Effects of subsidy quality on reciprocal subsidies: how leaf litter species changes frog biomass export. <i>Oecologia</i> , 2014 , 175, 209-18	2.9	26
86	Effects of even-aged timber harvest on stream salamanders: Support for the evacuation hypothesis. <i>Forest Ecology and Management</i> , 2011 , 262, 2344-2353	3.9	26
85	Population Variation in Survival and Metamorphosis of Larval Salamanders (<i>Ambystoma maculatum</i>) in the Presence and Absence of Fish Predation. <i>Copeia</i> , 1990 , 1990, 818	1.1	26
84	Predicting Variation in Microhabitat Utilization of Terrestrial Salamanders. <i>Herpetologica</i> , 2014 , 70, 259-265	1.9	25
83	Structure and Dynamics of Ringed Salamander (<i>Ambystoma annulatum</i>) Populations in Missouri. <i>Herpetologica</i> , 2014 , 70, 14	1.9	25
82	Metamorphosis of two amphibian species after chronic cadmium exposure in outdoor aquatic mesocosms. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1994-2001	3.8	25
81	Asymmetric reproductive isolation among polymorphic salamanders. <i>Biological Journal of the Linnean Society</i> , 2005 , 86, 265-281	1.9	25
80	Reciprocal subsidies in ponds: does leaf input increase frog biomass export?. <i>Oecologia</i> , 2012 , 170, 1077-83	2.9	24
79	Growth and the expression of alternative life cycles in the salamander <i>Ambystoma talpoideum</i> (Caudata: Ambystomatidae). <i>Biological Journal of the Linnean Society</i> , 2003 , 80, 639-646	1.9	24

78	The effect of soil composition and hydration on the bioavailability and toxicity of cadmium to hibernating juvenile American toads (<i>Bufo americanus</i>). <i>Environmental Pollution</i> , 2004 , 132, 523-32	9.3	24
77	Effects of leachate from tree leaves and grass litter on tadpoles. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 1511-7	3.8	23
76	Spatial Subsidies, Trophic State, and Community Structure: Examining the Effects of Leaf Litter Input on Ponds. <i>Ecosystems</i> , 2013 , 16, 639-651	3.9	23
75	Diel Pattern of Migratory Activity for Several Species of Pond-Breeding Salamanders. <i>Copeia</i> , 1985 , 1985, 86	1.1	23
74	Reducing bias in population and landscape genetic inferences: the effects of sampling related individuals and multiple life stages. <i>PeerJ</i> , 2016 , 4, e1813	3.1	23
73	Top predators and habitat complexity alter an intraguild predation module in pond communities. <i>Journal of Animal Ecology</i> , 2016 , 85, 548-58	4.7	23
72	Habitat traits and species interactions differentially affect abundance and body size in pond-breeding amphibians. <i>Journal of Animal Ecology</i> , 2015 , 84, 914-24	4.7	22
71	High intraguild predator density induces thinning effects on and increases temporal overlap with prey populations. <i>Population Ecology</i> , 2014 , 56, 265-273	2.1	22
70	Abiotic factors influencing abundance and microhabitat use of stream salamanders in southern Appalachian forests. <i>Forest Ecology and Management</i> , 2008 , 255, 1841-1847	3.9	22
69	Seasonal Terrestrial Microhabitat Use by Gray Treefrogs (<i>Hyla versicolor</i>) in Missouri Oak-hickory Forests. <i>Herpetologica</i> , 2008 , 64, 259-269	1.9	22
68	Diel activity patterns in the breeding migrations of winter-breeding anurans. <i>Canadian Journal of Zoology</i> , 1986 , 64, 1116-1120	1.5	22
67	Extinction Debt as a Driver of Amphibian Declines: An Example with Imperiled Flatwoods Salamanders. <i>Journal of Herpetology</i> , 2017 , 51, 12-18	1.1	21
66	Advancing Terrestrial Salamander Population Ecology: The Central Role of Imperfect Detection. <i>Journal of Herpetology</i> , 2015 , 49, 533-540	1.1	21
65	Behavioral response of migrating wood frogs to experimental timber harvest surrounding wetlands. <i>Canadian Journal of Zoology</i> , 2009 , 87, 618-625	1.5	21
64	Suitability of golf course ponds for amphibian metamorphosis when bullfrogs are removed. <i>Conservation Biology</i> , 2008 , 22, 172-9	6	21
63	Measuring terrestrial movement behavior using passive integrated transponder (PIT) tags: effects of tag size on detection, movement, survival, and growth. <i>Behavioral Ecology and Sociobiology</i> , 2014 , 68, 343-350	2.5	19
62	Western mosquitofish (<i>Gambusia affinis</i>) bolster the prevalence and severity of tadpole tail injuries in experimental wetlands. <i>Hydrobiologia</i> , 2014 , 723, 131-144	2.4	19
61	Prescribed fire and timber harvest effects on terrestrial salamander abundance, detectability, and microhabitat use. <i>Journal of Wildlife Management</i> , 2015 , 79, 766-775	1.9	18

60	Effects of fine-scale forest habitat quality on movement and settling decisions in juvenile pond-breeding salamanders 2014 , 24, 1719--29		18
59	Successful use of a passive integrated transponder (PIT) system for below-ground detection of plethodontid salamanders. <i>Wildlife Research</i> , 2012 , 39, 1	1.8	18
58	SUBSTRATE CUES INFLUENCE HABITAT SELECTION BY SPOTTED SALAMANDERS. <i>Journal of Wildlife Management</i> , 2004 , 68, 1151-1158	1.9	18
57	Body Size Dimorphism and Sexual Selection in Two Species of Water Snakes. <i>Copeia</i> , 1982 , 1982, 974	1.1	18
56	Predation of Eggs and Recently Hatched Larvae of Endemic Ringed Salamanders (<i>Ambystoma annulatum</i>) by Native and Introduced Aquatic Predators. <i>Herpetologica</i> , 2014 , 70, 378-387	1.9	17
55	Terrestrial Performance of Juvenile Frogs in Two Habitat Types after Chronic Larval Exposure to a Contaminant. <i>Journal of Herpetology</i> , 2011 , 45, 186-194	1.1	17
54	Intersex gonads in frogs: understanding the time course of natural development and role of endocrine disruptors. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2010 , 314, 57-66	1.8	17
53	COMPETITION AMONG TADPOLES OF COEXISTING HEMICLONES OF HYBRIDOGNETIC RANA ESCULENTA: SUPPORT FOR THE FROZEN NICHE VARIATION MODEL. <i>Evolution; International Journal of Organic Evolution</i> , 1997 , 51, 1249-1261	3.8	17
52	A multistate mark-recapture approach to estimating survival of PIT-tagged salamanders following timber harvest. <i>Journal of Applied Ecology</i> , 2015 , 52, 1316-1324	5.8	16
51	Asymmetric competition in larval amphibian communities: conservation implications for the northern crawfish frog,. <i>Oecologia</i> , 1998 , 116, 219	2.9	16
50	Effects of tannin source and concentration from tree leaves on two species of tadpoles. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 120-6	3.8	15
49	Assessing modularity in genetic networks to manage spatially structured metapopulations. <i>Ecosphere</i> , 2016 , 7, e01231	3.1	15
48	Structure and Dynamics of Spotted Salamander (<i>Ambystoma maculatum</i>) Populations in Missouri. <i>Herpetologica</i> , 2016 , 72, 81-89	1.9	15
47	Structured decision making as a conservation tool for recovery planning of two endangered salamanders. <i>Journal for Nature Conservation</i> , 2017 , 37, 66-72	2.3	13
46	Partitioning detectability components in populations subject to within-season temporary emigration using binomial mixture models. <i>PLoS ONE</i> , 2015 , 10, e0117216	3.7	13
45	Intermorph breeding and the potential for reproductive isolation in polymorphic mole salamanders (<i>Ambystoma talpoideum</i>). <i>Behavioral Ecology and Sociobiology</i> , 2006 , 60, 52-61	2.5	13
44	Female reproductive biology of the southeastern crowned snake (<i>Tantilla coronata</i>). <i>Amphibia - Reptilia</i> , 1992 , 13, 209-218	1.2	13
43	No evidence of natal habitat preference induction in juveniles with complex life histories. <i>Animal Behaviour</i> , 2014 , 93, 237-242	2.8	12

42	Variation in phenology and density differentially affects predator-prey interactions between salamanders. <i>Oecologia</i> , 2017 , 185, 475-486	2.9	12
41	Ecology of the Southeastern Crowned Snake, <i>Tantilla coronata</i> . <i>Copeia</i> , 2008 , 2008, 388-394	1.1	12
40	The influence of breeding phenology on the genetic structure of four pond-breeding salamanders. <i>Ecology and Evolution</i> , 2017 , 7, 4670-4681	2.8	11
39	Importance of forestry practices relative to microhabitat and microclimate changes for juvenile pond-breeding amphibians. <i>Forest Ecology and Management</i> , 2015 , 357, 151-160	3.9	11
38	Do golf courses reduce the ecological value of headwater streams for salamanders in the southern Appalachian Mountains?. <i>Landscape and Urban Planning</i> , 2014 , 125, 17-27	7.7	11
37	Competition in Two Species of Larval Salamanders: A Test of Geographic Variation in Competitive Ability. <i>Copeia</i> , 1993 , 1993, 587	1.1	11
36	Context-dependent movement behavior of woodland salamanders (<i>Plethodon</i>) in two habitat types. <i>Zoology</i> , 2013 , 116, 325-30	1.7	10
35	Stoichiometry and Life-History Interact to Determine the Magnitude of Cross-Ecosystem Element and Biomass Fluxes. <i>Frontiers in Microbiology</i> , 2017 , 8, 814	5.7	10
34	Differential performance among LDH-B genotypes in <i>Rana lessonae</i> tadpoles. <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1750-9	3.8	10
33	Cloacal anatomy of paedomorphic female <i>Ambystoma talpoideum</i> (Caudata: Ambystomatidae), with comments on intermorph mating and sperm storage. <i>Canadian Journal of Zoology</i> , 1994 , 72, 2147-2157	1.5	10
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31	Non-additive response of larval ringed salamanders to intraspecific density. <i>Oecologia</i> , 2016 , 180, 1137-45	4.9	9
30	Identification of Polymorphic Loci in <i>Ambystoma annulatum</i> and Review of Cross-species Microsatellite Use in the Genus <i>Ambystoma</i> . <i>Copeia</i> , 2012 , 2012, 570-577	1.1	9
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