

# Raymond D Semlitsch

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185  
papers

10,227  
citations

54  
h-index

94  
g-index

186  
ext. papers

10,996  
ext. citations

3.3  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
185	Estimating Survival for Elusive Juvenile Pond-Breeding Salamanders. <i>Journal of Wildlife Management</i> , <b>2020</b> , 84, 562-575	1.9	5
184	Post-Pleistocene differentiation in a Central Interior Highlands endemic salamander. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 11171-11184	2.8	0
183	Effects of conditionally expressed phenotypes and environment on amphibian dispersal in nature. <i>Oikos</i> , <b>2018</b> , 127, 1142-1151	4	8
182	Larval salamanders are as effective at short-term mosquito predation as mosquitofish. <i>Canadian Journal of Zoology</i> , <b>2018</b> , 96, 1165-1169	1.5	3
181	Using spatial demographic network models to optimize habitat management decisions. <i>Journal of Wildlife Management</i> , <b>2018</b> , 82, 649-659	1.9	7
180	Extinction Debt as a Driver of Amphibian Declines: An Example with Imperiled Flatwoods Salamanders. <i>Journal of Herpetology</i> , <b>2017</b> , 51, 12-18	1.1	21
179	Structured decision making as a conservation tool for recovery planning of two endangered salamanders. <i>Journal for Nature Conservation</i> , <b>2017</b> , 37, 66-72	2.3	13
178	The influence of breeding phenology on the genetic structure of four pond-breeding salamanders. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 4670-4681	2.8	11
177	Relative importance of timber harvest and habitat for reptiles in experimental forestry plots. <i>Forest Ecology and Management</i> , <b>2017</b> , 402, 21-28	3.9	3
176	Variation in phenology and density differentially affects predator-prey interactions between salamanders. <i>Oecologia</i> , <b>2017</b> , 185, 475-486	2.9	12
175	Joint effects of resources and amphibians on pond ecosystems. <i>Oecologia</i> , <b>2017</b> , 183, 237-247	2.9	8
174	Stoichiometry and Life-History Interact to Determine the Magnitude of Cross-Ecosystem Element and Biomass Fluxes. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 814	5.7	10
173	Differences in Larval Allometry among Three Ambystomatid Salamanders. <i>Journal of Herpetology</i> , <b>2016</b> , 50, 464-470	1.1	5
172	Non-additive response of larval ringed salamanders to intraspecific density. <i>Oecologia</i> , <b>2016</b> , 180, 1137-1145	2.9	9
171	Reducing bias in population and landscape genetic inferences: the effects of sampling related individuals and multiple life stages. <i>PeerJ</i> , <b>2016</b> , 4, e1813	3.1	23
170	Top predators and habitat complexity alter an intraguild predation module in pond communities. <i>Journal of Animal Ecology</i> , <b>2016</b> , 85, 548-58	4.7	23
169	Effects of timber harvest on small mammal captures in experimental forestry plots. <i>Animal Biology</i> , <b>2016</b> , 66, 347-362	0.7	3

168	Overcoming Challenges to the Recovery of Declining Amphibian Populations in the United States. <i>BioScience</i> , <b>2016</b> , biw153	5.7	4
167	Assessing modularity in genetic networks to manage spatially structured metapopulations. <i>Ecosphere</i> , <b>2016</b> , 7, e01231	3.1	15
166	Structure and Dynamics of Spotted Salamander ( <i>Ambystoma maculatum</i> ) Populations in Missouri. <i>Herpetologica</i> , <b>2016</b> , 72, 81-89	1.9	15
165	Agonistic Behavior and Resource Defense among Sympatric Juvenile Pond-Breeding Salamanders. <i>Journal of Herpetology</i> , <b>2016</b> , 50, 388-393	1.1	4
164	Effects of tannin source and concentration from tree leaves on two species of tadpoles. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 120-6	3.8	15
163	Prescribed fire and timber harvest effects on terrestrial salamander abundance, detectability, and microhabitat use. <i>Journal of Wildlife Management</i> , <b>2015</b> , 79, 766-775	1.9	18
162	Differential dispersal shapes population structure and patterns of genetic differentiation in two sympatric pond breeding salamanders. <i>Conservation Genetics</i> , <b>2015</b> , 16, 59-69	2.6	30
161	Structure and Dynamics of <i>Lithobates sylvaticus</i> (Wood Frog) at the Periphery of Its Range in Missouri. <i>Southeastern Naturalist</i> , <b>2015</b> , 14, 329-341	0.4	2
160	Automated analysis of temperature variance to determine inundation state of wetlands. <i>Wetlands Ecology and Management</i> , <b>2015</b> , 23, 1039-1047	2.1	8
159	Life history differences influence the impacts of drought on two pond-breeding salamanders. <i>Ecological Applications</i> , <b>2015</b> , 25, 1896-910	4.9	30
158	Pond-Breeding Amphibian Community Composition in Missouri. <i>American Midland Naturalist</i> , <b>2015</b> , 174, 180-187	0.7	4
157	Abundance and phenology patterns of two pond-breeding salamanders determine species interactions in natural populations. <i>Oecologia</i> , <b>2015</b> , 177, 761-773	2.9	9
156	A Vector Approach for Modeling Landscape Corridors and Habitat Connectivity. <i>Environmental Modeling and Assessment</i> , <b>2015</b> , 20, 1-16	2	4
155	A multistate mark-recapture approach to estimating survival of PIT-tagged salamanders following timber harvest. <i>Journal of Applied Ecology</i> , <b>2015</b> , 52, 1316-1324	5.8	16
154	Intermediate pond sizes contain the highest density, richness, and diversity of pond-breeding amphibians. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123055	3.7	51
153	Partitioning detectability components in populations subject to within-season temporary emigration using binomial mixture models. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117216	3.7	13
152	Importance of forestry practices relative to microhabitat and microclimate changes for juvenile pond-breeding amphibians. <i>Forest Ecology and Management</i> , <b>2015</b> , 357, 151-160	3.9	11
151	Advancing Terrestrial Salamander Population Ecology: The Central Role of Imperfect Detection. <i>Journal of Herpetology</i> , <b>2015</b> , 49, 533-540	1.1	21

150	Habitat traits and species interactions differentially affect abundance and body size in pond-breeding amphibians. <i>Journal of Animal Ecology</i> , <b>2015</b> , 84, 914-24	4.7	22
149	Ecological resistance surfaces predict fine-scale genetic differentiation in a terrestrial woodland salamander. <i>Molecular Ecology</i> , <b>2014</b> , 23, 2402-13	5.7	120
148	Movement ecology of amphibians: A missing component for understanding population declines. <i>Biological Conservation</i> , <b>2014</b> , 169, 44-53	6.2	119
147	Abundance, biomass production, nutrient content, and the possible role of terrestrial salamanders in Missouri Ozark forest ecosystems. <i>Canadian Journal of Zoology</i> , <b>2014</b> , 92, 997-1004	1.5	59
146	Spatial variation in water loss predicts terrestrial salamander distribution and population dynamics. <i>Oecologia</i> , <b>2014</b> , 176, 357-69	2.9	40
145	Effects of fine-scale forest habitat quality on movement and settling decisions in juvenile pond-breeding salamanders <b>2014</b> , 24, 1719--29		18
144	Predicting Variation in Microhabitat Utilization of Terrestrial Salamanders. <i>Herpetologica</i> , <b>2014</b> , 70, 259-265	2.5	25
143	No evidence of natal habitat preference induction in juveniles with complex life histories. <i>Animal Behaviour</i> , <b>2014</b> , 93, 237-242	2.8	12
142	Predation of Eggs and Recently Hatched Larvae of Endemic Ringed Salamanders ( <i>Ambystoma annulatum</i> ) by Native and Introduced Aquatic Predators. <i>Herpetologica</i> , <b>2014</b> , 70, 378-387	1.9	17
141	Do golf courses reduce the ecological value of headwater streams for salamanders in the southern Appalachian Mountains?. <i>Landscape and Urban Planning</i> , <b>2014</b> , 125, 17-27	7.7	11
140	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> , <b>2014</b> , 68, 343-350	2.5	19
139	Effects of subsidy quality on reciprocal subsidies: how leaf litter species changes frog biomass export. <i>Oecologia</i> , <b>2014</b> , 175, 209-18	2.9	26
138	Western mosquitofish ( <i>Gambusia affinis</i> ) bolster the prevalence and severity of tadpole tail injuries in experimental wetlands. <i>Hydrobiologia</i> , <b>2014</b> , 723, 131-144	2.4	19
137	High intraguild predator density induces thinning effects on and increases temporal overlap with prey populations. <i>Population Ecology</i> , <b>2014</b> , 56, 265-273	2.1	22
136	Structure and Dynamics of Ringed Salamander ( <i>Ambystoma annulatum</i> ) Populations in Missouri. <i>Herpetologica</i> , <b>2014</b> , 70, 14	1.9	25
135	Development and characterization of 18 microsatellite loci for the spotted salamander ( <i>Ambystoma maculatum</i> ) using paired-end Illumina shotgun sequencing. <i>Conservation Genetics Resources</i> , <b>2013</b> , 5, 989-991	0.8	3
134	Development and characterization of 22 microsatellite loci for the ringed salamander ( <i>Ambystoma annulatum</i> ) using paired-end Illumina shotgun sequencing. <i>Conservation Genetics Resources</i> , <b>2013</b> , 5, 993-995	0.8	5
133	Development of microsatellite loci for the western slimy salamander ( <i>Plethodon albagula</i> ) using 454 sequencing. <i>Conservation Genetics Resources</i> , <b>2013</b> , 5, 267-270	0.8	6

132	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> , <b>2013</b> , 28, 1601-1613	4.3	28
131	Carryover effects in amphibians: are characteristics of the larval habitat needed to predict juvenile survival? <b>2013</b> , 23, 1429-42		26
130	Mosquitofish dominate amphibian and invertebrate community development in experimental wetlands. <i>Journal of Applied Ecology</i> , <b>2013</b> , 50, 1244-1256	5.8	35
129	Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. <i>Forest Ecology and Management</i> , <b>2013</b> , 287, 32-39	3.9	31
128	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> , <b>2013</b> , 158, 351-358	6.2	33
127	Context-dependent movement behavior of woodland salamanders ( <i>Plethodon</i> ) in two habitat types. <i>Zoology</i> , <b>2013</b> , 116, 325-30	1.7	10
126	Spatial Subsidies, Trophic State, and Community Structure: Examining the Effects of Leaf Litter Input on Ponds. <i>Ecosystems</i> , <b>2013</b> , 16, 639-651	3.9	23
125	Life history as a predictor of salamander recovery rate from timber harvest in southern appalachian forests, USA. <i>Conservation Biology</i> , <b>2013</b> , 27, 1399-409	6	31
124	Fine-scale habitat associations of a terrestrial salamander: the role of environmental gradients and implications for population dynamics. <i>PLoS ONE</i> , <b>2013</b> , 8, e62184	3.7	69
123	Reciprocal subsidies in ponds: does leaf input increase frog biomass export?. <i>Oecologia</i> , <b>2012</b> , 170, 1077-83	3.7	24
122	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> , <b>2012</b> , 2012, 570-577	1.1	9
121	Effects of leachate from tree leaves and grass litter on tadpoles. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 1511-7	3.8	23
120	Successful use of a passive integrated transponder (PIT) system for below-ground detection of plethodontid salamanders. <i>Wildlife Research</i> , <b>2012</b> , 39, 1	1.8	18
119	Testing wetland features to increase amphibian reproductive success and species richness for mitigation and restoration <b>2012</b> , 22, 1675-88		47
118	Terrestrial Performance of Juvenile Frogs in Two Habitat Types after Chronic Larval Exposure to a Contaminant. <i>Journal of Herpetology</i> , <b>2011</b> , 45, 186-194	1.1	17
117	Effects of even-aged timber harvest on stream salamanders: Support for the evacuation hypothesis. <i>Forest Ecology and Management</i> , <b>2011</b> , 262, 2344-2353	3.9	26
116	Biomass export of salamanders and anurans from ponds is affected differentially by changes in canopy cover. <i>Freshwater Biology</i> , <b>2011</b> , 56, 2473-2482	3.1	29
115	Larval responses of three midwestern anurans to chronic, low-dose exposures of four herbicides. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2010</b> , 58, 819-27	3.2	39

114	Influences of Design and Landscape Placement Parameters on Amphibian Abundance in Constructed Wetlands. <i>Wetlands</i> , <b>2010</b> , 30, 915-928	1.7	76
113	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> , <b>2010</b> , 314, 57-66	1.8	17
112	Survival costs associated with wood frog breeding migrations: effects of timber harvest and drought. <i>Ecology</i> , <b>2009</b> , 90, 1620-30	4.6	66
111	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> , <b>2009</b> , 257, 8-14	3.9	32
110	Behavioral response of migrating wood frogs to experimental timber harvest surrounding wetlands. <i>Canadian Journal of Zoology</i> , <b>2009</b> , 87, 618-625	1.5	21
109	Effects of Timber Harvest on Amphibian Populations: Understanding Mechanisms from Forest Experiments. <i>BioScience</i> , <b>2009</b> , 59, 853-862	5.7	157
108	Suitability of golf course ponds for amphibian metamorphosis when bullfrogs are removed. <i>Conservation Biology</i> , <b>2008</b> , 22, 172-9	6	21
107	Demographic consequences of terrestrial habitat loss for pool-breeding amphibians: predicting extinction risks associated with inadequate size of buffer zones. <i>Conservation Biology</i> , <b>2008</b> , 22, 1205-15 <sup>6</sup>		107
106	Variation in somatic and ovarian development: predicting susceptibility of amphibians to estrogenic contaminants. <i>General and Comparative Endocrinology</i> , <b>2008</b> , 156, 524-30	3	36
105	Differentiating Migration and Dispersal Processes for Pond-Breeding Amphibians. <i>Journal of Wildlife Management</i> , <b>2008</b> , 72, 260-267	1.9	294
104	Abiotic factors influencing abundance and microhabitat use of stream salamanders in southern Appalachian forests. <i>Forest Ecology and Management</i> , <b>2008</b> , 255, 1841-1847	3.9	22
103	Ecology of the Southeastern Crowned Snake, <i>Tantilla coronata</i> . <i>Copeia</i> , <b>2008</b> , 2008, 388-394	1.1	12
102	Seasonal Terrestrial Microhabitat Use by Gray Treefrogs ( <i>Hyla versicolor</i> ) in Missouri Oak-hickory Forests. <i>Herpetologica</i> , <b>2008</b> , 64, 259-269	1.9	22
101	The Role of Microhabitats in the Desiccation and Survival of Anurans in Recently Harvested Oak-Hickory Forest. <i>Copeia</i> , <b>2008</b> , 2008, 807-814	1.1	87
100	Breeding and Recruitment Phenology of Amphibians in Missouri Oak-Hickory Forests. <i>American Midland Naturalist</i> , <b>2008</b> , 160, 41-60	0.7	44
99	Effects of timber harvesting on pond-breeding amphibian persistence: testing the evacuation hypothesis <b>2008</b> , 18, 283-9		72
98	Leaf litter input mediates tadpole performance across forest canopy treatments. <i>Oecologia</i> , <b>2008</b> , 155, 377-84	2.9	50
97	Developmental disturbances in <i>Rana esculenta</i> tadpoles and metamorphs. <i>Zoosystematics and Evolution</i> , <b>2008</b> , 77, 79-86	1.5	2

96	Postbreeding Habitat Use of Wood Frogs in a Missouri Oak-hickory Forest. <i>Journal of Herpetology</i> , <b>2007</b> , 41, 645-653	1.1	46
95	Multiple stressors in amphibian communities: effects of chemical contamination, bullfrogs, and fish <b>2007</b> , 17, 291-301		133
94	Productivity and significance of headwater streams: population structure and biomass of the black-bellied salamander ( <i>Desmognathus quadramaculatus</i> ). <i>Freshwater Biology</i> , <b>2007</b> , 53, 071024173247002-???		8
93	Estimation of core terrestrial habitat for stream-breeding salamanders and delineation of riparian buffers for protection of biodiversity. <i>Conservation Biology</i> , <b>2007</b> , 21, 152-8	6	81
92	Salamander abundance along road edges and within abandoned logging roads in Appalachian forests. <i>Conservation Biology</i> , <b>2007</b> , 21, 159-67	6	54
91	Distribution of amphibians in terrestrial habitat surrounding wetlands. <i>Wetlands</i> , <b>2007</b> , 27, 153-161	1.7	111
90	Density dependence in the terrestrial life history stage of two anurans. <i>Oecologia</i> , <b>2007</b> , 153, 879-89	2.9	76
89	Effects of timber harvest on breeding-site selection by gray treefrogs ( <i>Hyla versicolor</i> ). <i>Biological Conservation</i> , <b>2007</b> , 138, 506-513	6.2	37
88	Sex and seasonal differences in the spatial terrestrial distribution of gray treefrog ( <i>Hyla versicolor</i> ) populations. <i>Biological Conservation</i> , <b>2007</b> , 140, 250-258	6.2	38
87	Intermorph breeding and the potential for reproductive isolation in polymorphic mole salamanders ( <i>Ambystoma talpoideum</i> ). <i>Behavioral Ecology and Sociobiology</i> , <b>2006</b> , 60, 52-61	2.5	13
86	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> , <b>2006</b> , 84, 797-807	1.5	50
85	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> , <b>2006</b> , 131, 14-22	6.2	120
84	Metamorphosis of two amphibian species after chronic cadmium exposure in outdoor aquatic mesocosms. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 1994-2001	3.8	25
83	Asymmetric reproductive isolation among polymorphic salamanders. <i>Biological Journal of the Linnean Society</i> , <b>2005</b> , 86, 265-281	1.9	25
82	EFFECTS OF AN INSECTICIDE ON AMPHIBIANS IN LARGE-SCALE EXPERIMENTAL PONDS <b>2004</b> , 14, 685-691		61
81	SUBSTRATE CUES INFLUENCE HABITAT SELECTION BY SPOTTED SALAMANDERS. <i>Journal of Wildlife Management</i> , <b>2004</b> , 68, 1151-1158	1.9	18
80	COMPETITION AND PREDATION MEDIATE THE INDIRECT EFFECTS OF AN INSECTICIDE ON SOUTHERN LEOPARD FROGS <b>2004</b> , 14, 1041-1054		61
79	Overwintered Bullfrog Tadpoles Negatively Affect Salamanders and Anurans in Native Amphibian Communities. <i>Copeia</i> , <b>2004</b> , 2004, 683-690	1.1	32

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> , <b>2004</b> , 132, 523-32	9.3	24
77	Defining core habitat of local populations of the gray treefrog ( <i>Hyla versicolor</i> ) based on choice of oviposition site. <i>Oecologia</i> , <b>2003</b> , 137, 205-10	2.9	28
76	Interactions of bullfrog tadpole predators and an insecticide: predation release and facilitation. <i>Oecologia</i> , <b>2003</b> , 137, 610-6	2.9	48
75	Biological Criteria for Buffer Zones around Wetlands and Riparian Habitats for Amphibians and Reptiles. <i>Conservation Biology</i> , <b>2003</b> , 17, 1219-1228	6	524
74	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> , <b>2003</b> , 80, 639-646	1.9	24
73	Critical Elements for Biologically Based Recovery Plans of Aquatic-Breeding Amphibians. <i>Conservation Biology</i> , <b>2002</b> , 16, 619-629	6	193
72	An Experimental Investigation of Landscape Resistance of Forest versus Old-Field Habitats to Emigrating Juvenile Amphibians. <i>Conservation Biology</i> , <b>2002</b> , 16, 1324-1332	6	258
71	INTERACTIONS OF AN INSECTICIDE WITH COMPETITION AND POND DRYING IN AMPHIBIAN COMMUNITIES <b>2002</b> , 12, 307-316		92
70	SPECIFIC RESPONSES OF SEXUAL AND HYBRIDOGENETIC EUROPEAN WATERFROG TADPOLES TO TEMPERATURE. <i>Ecology</i> , <b>2001</b> , 82, 766-774	4.6	33
69	Interactions of an Insecticide with Larval Density and Predation in Experimental Amphibian Communities. <i>Conservation Biology</i> , <b>2001</b> , 15, 228-238	6	125
68	Differential Predation on Experimental Populations of Parental and Hybrid Leopard Frog ( <i>Rana blairi</i> and <i>Rana sphenocephala</i> ) Larvae. <i>Journal of Herpetology</i> , <b>2001</b> , 35, 479	1.1	6
67	Genetic Variation in Insecticide Tolerance in a Population of Southern Leopard Frogs ( <i>Rana sphenocephala</i> ): Implications for Amphibian Conservation. <i>Copeia</i> , <b>2001</b> , 2001, 7-13	1.1	27
66	Interactions of an Insecticide with Larval Density and Predation in Experimental Amphibian Communities <b>2001</b> , 15, 228		82
65	Variation in Pesticide Tolerance of Tadpoles among and within Species of Ranidae and Patterns of Amphibian Decline. <i>Conservation Biology</i> , <b>2000</b> , 14, 1490-1499	6	169
64	Differential performance among LDH-B genotypes in <i>Rana lessonae</i> tadpoles. <i>Evolution; International Journal of Organic Evolution</i> , <b>2000</b> , 54, 1750-9	3.8	10
63	Life History and Ecology of the Southern Redback Salamander, <i>Plethodon serratus</i> , in Missouri. <i>Journal of Herpetology</i> , <b>2000</b> , 34, 341	1.1	8
62	Principles for Management of Aquatic-Breeding Amphibians. <i>Journal of Wildlife Management</i> , <b>2000</b> , 64, 615	1.9	306
61	Spontaneous heterosis in larval life-history traits of hemiclinal frog hybrids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 2171-6	11.5	63

60	Biological Delineation of Terrestrial Buffer Zones for Pond-Breeding Salamanders. <i>Conservation Biology</i> , <b>1998</b> , 12, 1113-1119	6	292
59	Are Small, Isolated Wetlands Expendable?. <i>Conservation Biology</i> , <b>1998</b> , 12, 1129-1133	6	411
58	Call duration as an indicator of genetic quality in male gray tree frogs. <i>Science</i> , <b>1998</b> , 280, 1928-30	33.3	369
57	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> , <b>1998</b> , 95, 5643-8	11.5	68
56	Asymmetric competition in larval amphibian communities: conservation implications for the northern crawfish frog,. <i>Oecologia</i> , <b>1998</b> , 116, 219	2.9	16
55	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> , <b>1997</b> , 51, 1249-1261	3.8	17
54	Competition Among Tadpoles of Coexisting Hemiclones of Hybridogenetic Rana esculenta: Support for the Frozen Niche Variation Model. <i>Evolution; International Journal of Organic Evolution</i> , <b>1997</b> , 51, 1249	3.8	68
53	Perceptions of Species Abundance, Distribution, and Diversity:Lessons from Four Decades of Sampling on a Government-Managed Reserve. <i>Environmental Management</i> , <b>1997</b> , 21, 259-68	3.1	46
52	Effects of triphenyltin and pH on the growth and development of Rana lessonae and Rana esculenta tadpoles. <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 1940-1947	3.8	44
51	. <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 1940	3.8	29
50	Structure and Dynamics of an Amphibian Community <b>1996</b> , 217-248		143
49	Genetic compatibility between sexual and clonal genomes in local populations of the hybridogeneticRana esculenta complex. <i>Evolutionary Ecology</i> , <b>1996</b> , 10, 531-543	1.8	33
48	Short-term exposure to triphenyltin affects the swimming and feeding behavior of tadpoles. <i>Environmental Toxicology and Chemistry</i> , <b>1995</b> , 14, 1419-1423	3.8	37
47	Cloacal anatomy of paedomorphic female Ambystoma talpoideum (Caudata: Ambystomatidae), with comments on intermorph mating and sperm storage. <i>Canadian Journal of Zoology</i> , <b>1994</b> , 72, 2147-2157	1.5	10
46	Effects of predation risk and hunger on the behaviour of two species of tadpoles. <i>Behavioral Ecology and Sociobiology</i> , <b>1994</b> , 34, 393-401	2.5	104
45	Evolutionary consequences of non-random mating: do large males increase offspring fitness in the anuran Bufo bufo? <b>1994</b> , 34, 19		2
44	Effects of predation risk and hunger on the behaviour of two species of tadpoles <b>1994</b> , 34, 393		5
43	Effects of visual, chemical and tactile cues of fish on the behavioural responses of tadpoles. <i>Animal Behaviour</i> , <b>1993</b> , 46, 355-364	2.8	137

42	Phenotypic Variation in the Arrival Time of Breeding Salamanders: Individual Repeatability and Environmental Influences. <i>Journal of Animal Ecology</i> , <b>1993</b> , 62, 334	4.7	36
41	Competition in Two Species of Larval Salamanders: A Test of Geographic Variation in Competitive Ability. <i>Copeia</i> , <b>1993</b> , 1993, 587	1.1	11
40	Paedomorphosis in the Salamander <i>Ambystoma Talpoideum</i> : Effects of a Fish Predator. <i>Ecology</i> , <b>1993</b> , 74, 342-350	4.6	41
39	ADAPTIVE GENETIC VARIATION IN GROWTH AND DEVELOPMENT OF TADPOLES OF THE HYBRIDOGNETIC RANA ESCULENTA COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , <b>1993</b> , 47, 1805-1818	3.8	39
38	ASYMMETRIC COMPETITION IN MIXED POPULATIONS OF TADPOLES OF THE HYBRIDOGNETIC: RANA ESCULENTA COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , <b>1993</b> , 47, 510-519	3.8	6
37	Effects of Body Size and Parasite Infection on the Locomotory Performance of Juvenile Toads, <i>Bufo bufo</i> . <i>Oikos</i> , <b>1993</b> , 66, 129	4	130
36	Female reproductive biology of the southeastern crowned snake ( <i>Tantilla coronata</i> ). <i>Amphibia - Reptilia</i> , <b>1992</b> , 13, 209-218	1.2	13
35	Male reproductive biology of the southeastern crowned snake ( <i>Tantilla coronata</i> ). <i>Amphibia - Reptilia</i> , <b>1992</b> , 13, 219-225	1.2	5
34	PERFORMANCE OF TADPOLES FROM THE HYBRIDOGNETIC RANA ESCULENTA COMPLEX: INTERACTIONS WITH POND DRYING AND INTERSPECIFIC COMPETITION. <i>Evolution; International Journal of Organic Evolution</i> , <b>1992</b> , 46, 665-676	3.8	40
33	Effects of nonlethal injury and habitat complexity on predation in tadpole populations. <i>Canadian Journal of Zoology</i> , <b>1991</b> , 69, 830-834	1.5	39
32	Mating behavior and determinants of male mating success in the gray treefrog, <i>Hyla chrysoscelis</i> . <i>Canadian Journal of Zoology</i> , <b>1991</b> , 69, 246-250	1.5	28
31	LOCAL VARIATION IN THE GENETIC BASIS OF PAEDOMORPHOSIS IN THE SALAMANDER AMBYSTOMA TALPOIDEUM. <i>Evolution; International Journal of Organic Evolution</i> , <b>1990</b> , 44, 1588-1603	3.8	53
30	PAEDOMORPHOSIS IN AMBYSTOMA TALPOIDEUM: MAINTENANCE OF POPULATION VARIATION AND ALTERNATIVE LIFE-HISTORY PATHWAYS. <i>Evolution; International Journal of Organic Evolution</i> , <b>1990</b> , 44, 1604-1613	3.8	103
29	Paedomorphosis in <i>Ambystoma talpoideum</i> : Maintenance of Population Variation and Alternative Life-History Pathways. <i>Evolution; International Journal of Organic Evolution</i> , <b>1990</b> , 44, 1604	3.8	79
28	Population Variation in Survival and Metamorphosis of Larval Salamanders ( <i>Ambystoma maculatum</i> ) in the Presence and Absence of Fish Predation. <i>Copeia</i> , <b>1990</b> , 1990, 818	1.1	26
27	Effects of Egg Size on Success of Larval Salamanders in Complex Aquatic Environments. <i>Ecology</i> , <b>1990</b> , 71, 1789-1795	4.6	62
26	Ecological Consequences of Tail Injury in Rana Tadpoles. <i>Copeia</i> , <b>1990</b> , 1990, 18	1.1	34
25	Effects of body size, sibship, and tail injury on the susceptibility of tadpoles to dragonfly predation. <i>Canadian Journal of Zoology</i> , <b>1990</b> , 68, 1027-1030	1.5	76

24	Density-dependent injury in larval salamanders. <i>Oecologia</i> , <b>1989</b> , 81, 100-103	2.9	46
23	Influence of wetland hydroperiod on diversity and abundance of metamorphosing juvenile amphibians. <i>Wetlands Ecology and Management</i> , <b>1989</b> , 1, 3	2.1	172
22	Lack of Largemouth Bass Predation on Hatchling Turtles ( <i>Trachemys scripta</i> ). <i>Copeia</i> , <b>1989</b> , 1989, 1030	1.1	7
21	ARTIFICIAL SELECTION FOR PAEDOMORPHOSIS IN THE SALAMANDER <i>AMBYSTOMA TALPOIDEUM</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>1989</b> , 43, 105-112	3.8	100
20	Fish predation in size-structured populations of treefrog tadpoles. <i>Oecologia</i> , <b>1988</b> , 75, 321-326	2.9	67
19	Size-dependent cannibalism in noctuid caterpillars. <i>Oecologia</i> , <b>1988</b> , 77, 286-288	2.9	9
18	Time and Size at Metamorphosis Related to Adult Fitness in <i>Ambystoma Talpoideum</i> . <i>Ecology</i> , <b>1988</b> , 69, 184-192	4.6	571
17	Trophic relations in a temporary pond: larval salamanders and their microinvertebrate prey. <i>Canadian Journal of Zoology</i> , <b>1988</b> , 66, 2191-2198	1.5	56
16	Effects of Temperature on Growth, Development, and Color Polymorphism in the Ornate Chorus Frog <i>Pseudacris ornata</i> . <i>Copeia</i> , <b>1988</b> , 1988, 1001	1.1	70
15	Allotopic Distribution of Two Salamanders: Effects of Fish Predation and Competitive Interactions. <i>Copeia</i> , <b>1988</b> , 1988, 290	1.1	28
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13	Relationship of Pond Drying to the Reproductive Success of the Salamander <i>Ambystoma talpoideum</i> . <i>Copeia</i> , <b>1987</b> , 1987, 61	1.1	93
12	Interactions between fish and salamander larvae : Costs of predator avoidance or competition?. <i>Oecologia</i> , <b>1987</b> , 72, 481-486	2.9	72
11	Paedomorphosis in <i>Ambystoma Talpoideum</i> : Effects of Density, Food, and Pond Drying. <i>Ecology</i> , <b>1987</b> , 68, 994-1002	4.6	95
10	Life History of the Northern Mole Cricket, <i>Neocurtilla hexadactyla</i> (Orthoptera: Gryllotalpidae), Utilizing Carolina-bay Habitats. <i>Annals of the Entomological Society of America</i> , <b>1986</b> , 79, 256-261	2	7
9	Diel activity patterns in the breeding migrations of winter-breeding anurans. <i>Canadian Journal of Zoology</i> , <b>1986</b> , 64, 1116-1120	1.5	22
8	Reproductive strategy of a facultatively paedomorphic salamander <i>Ambystoma talpoideum</i> . <i>Oecologia</i> , <b>1985</b> , 65, 305-313	2.9	95
7	Diel Pattern of Migratory Activity for Several Species of Pond-Breeding Salamanders. <i>Copeia</i> , <b>1985</b> , 1985, 86	1.1	23

6	Analysis of Climatic Factors Influencing Migrations of the Salamander <i>Ambystoma talpoideum</i> . <i>Copeia</i> , <b>1985</b> , 1985, 477	1.1	59
5	Phenotypic Variation in Metamorphosis and Paedomorphosis in the Salamander <i>Ambystoma talpoideum</i> . <i>Ecology</i> , <b>1985</b> , 66, 1123-1130	4.6	42
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1	Terrestrial activity and summer home range of the mole salamander ( <i>Ambystoma talpoideum</i> ). <i>Canadian Journal of Zoology</i> , <b>1981</b> , 59, 315-322	1.5	85