

Bryophyte-dwelling Salamander Checklist

bryophyte use

species	distribution	habitat	mossy habitats under or in mosses	nests	aestivation	hibernation	foraging	source
Hynobiidae								
<i>Hynobius tokyoensis</i> Tokyo Salamander	Japan	forest floor	x					Kusano & Miyashita 1984
<i>Salamandrella keyserlingii</i> Siberian Salamander	northern Asia	wet forest of taiga	x		x	x		Potapov 1993; Hasumi <i>et al.</i> 2009
Ambystomatidae								
<i>Ambystoma laterale</i> Blue-spotted Salamander	western N. Amer.	deciduous & mixed forest	x					LeClere 2011
<i>Ambystoma maculatum</i> Spotted Salamander	eastern N. Amer.	peatlands	x					Amphibians: Tulula Wetlands
<i>Ambystoma jeffersonianum</i> Jefferson Salamander	central E. N. Amer.	forest floor & wetlands	x					Freda & Dunson 1986
Plethodontidae								
<i>Plethodon teyahalee</i> Southern Appalachian Salamander	high elev S. Appalachians	decid. forest & peatlands	x					Amphibians: Tulula Wetlands
<i>Plethodon serratus</i> S. Red-backed Salamander	SE USA	forest floor		x				Aaradema 1999
<i>Plethodon nettingi</i> Cheat Mountain Salamander	Cheat Mtn, WV, USA	red spruce forest floor	x	x		?		Pauley 1985
<i>Plethodon cinereus</i> E. Red-backed Salamander	NE USA, SE Canada	peatlands, forest floor	x	x				Hughes <i>et al.</i> unpubl.
<i>Plethodon dorsalis</i> Northern Zigzag Salamander	lower midwest USA	rocky slopes		x				Ferguson 1961
<i>Plethodon welleri</i> Weller's Salamander	mtns of TN to VA, USA	conifer logs		x				Organ 1960
<i>Plethodon elongatus</i> Del Norte Salamander	SW OR to NW CA	old growth forest	x					Welsh & Lind 1995
<i>Plethodon idahoensis</i> Coeur d'Alene Salamander	northern Rocky Mtns	seeps, springs, waterfalls		x				Wilson 1990; Dumas 1957
<i>Plethodon vandykei</i> Van Dyke's Salamander	Washington, USA	coniferous forest floor		x				Slater 1933
<i>Plethodon larselli</i> Larch Mountain Salamander	Columbia R Gorge USA	talus slopes		x				Burns 1962
<i>Plethodon glutinosus</i> Northern Slimy Salamander	eastern USA	bottomland			x			VA Dept Game Inland Fish 2011
<i>Plethodon richmondi</i> Southern Ravine Salamander	eastern USA	ravines, hillsides, mesic forest			x			VA Dept Game Inland Fish 2011
<i>Plethodon metcalfei</i> Southern Gray-cheeked Salamander	S Blue Ridge Mtns USA	forest floor	x					Organ 1958
<i>Plethodon jordani</i> Red-cheeked Salamander	Great Smoky Mtns	spruce-fir forest	x	x				King 1939
<i>Plethodon stormi</i> Siskiyou Mountains Salamander	S Oregon, N California	talus		x				Gary Nafis 28 April 2011
<i>Plethodon asupak</i> Scott Bar Salamander	S Oregon, N California	talus		x				Gary Nafis 28 April 2011
<i>Gyrinophilus porphyriticus</i> Spring Salamander	eastern N Amer	mature hdwd forest	x					Ferguson 1961
<i>Pseudotriton ruber</i> Red Salamander	eastern USA	tamarack wetlands	x	x		x		Burger 1933
<i>Hemidactylium scutatum</i> Four-toed Salamander	eastern N Amer	mature forest, peatlands	x	x	x			Gilbert 1941; Wood 1955; Petranks 1998; Harris 2009
<i>Stereochilus marginatus</i> Many-lined Salamander	Atlantic coastal plain, USA	wetlands	x	x	x			Blanchard 1934; Duellman & Trueb 1986

<i>Desmognathus fuscus</i> Northern Dusky Salamander	eastern N Amer	forest streams			x				Burger 1933; Hom 1987
<i>Desmognathus ochrophaeus</i> Alleghany Mountain Dusky Salamander	Appalachian Mtns, USA	seeps	x	x	x				Tilley 1972; Mushinsky 1976
<i>Desmognathus monticola</i> Seal Salamander	central & S Appalachians	streams			x				Camp & Tilley 2011
<i>Desmognathus santeetlah</i> Santeetlah Dusky Salamander	SW Blue Ridge Mtns	headwater streams			x				Beachy 1993
<i>Desmognathus aeneus</i> Seepage Salamander	SE USA	seepage in deciduous forest			x				Martof & Humphries 1955; Jones 1981
<i>Desmognathus wrighti</i> Pygmy Salamander	S Nantahala Mtns, NC, USA	deciduous & spruce-fir forest		x					Hining & Bruce 2005
<i>Desmognathus quadramaculatus</i> Black-bellied Salamander	Appalachian Mtns, USA	cool steep streams, peatlands	x						Amphibians: Tulula Wetlands
<i>Desmognathus ocoee</i> Ocoee Salamander	SW Blue Ridge; Piedmont Physiogr	peatlands; streams	x		x				Amphibians: Tulula Wetlands
<i>Phaeognathus hubrichti</i> Red Hills Salamander	Alabama coastal plain USA	forest						x	Gunzberger 1999
<i>Ensatina eschscholtzii</i> Monterey Ensatina	W N Amer	mossy ground		x					Gnaedinger & Reed 1948
<i>Hydromantes brunus</i> Limestone Salamander	Mariposa Co, CA, USA	limestone rock		x					Gorman 1954
<i>Hydromantes shastae</i> Shasta Salamander	Shasta Co, CA, USA	limestone rock		x					Gorman & Camp 1953
<i>Hydromantes ambrosii</i>	Italy	forest, cliffs	x						Andreas Nöllert, pers. comm. 22 January 2016
<i>Nototriton abscondens</i>	Costa Rica	premontane & humid montane	x	x	?				Taylor 1954
<i>Nototriton guanacaste</i> Guanacaste Moss Salamander	Costa Rica	cloud forest	x	x	?				Tosi 1969; Good & Wake 1993
<i>Nototriton picadoi</i> Picado's Moss Salamander	Costa Rica	cloud forest	x	x	x			?	Good & Wake 1993; Savage 2002
<i>Nototriton saslaya</i>	Nicaragua	cloud forest	x	x	x				ZipcodeZoo.Com 2008c
<i>Nototriton gamezi</i> Monteverde Moss Salamander	Costa Rica	rainforest	x	x	?				García-Paris & Wake 2000
<i>Nototriton ricardi</i> Richard's Salamander	Costa Rica	rainforest	x	x	?				Good & Wake 1993
<i>Nototriton tapanti</i> Tapanti Moss Salamander	Costa Rica	humid premontane	x	x	?				Savage 2002
<i>Nototriton barbouri</i> Yoro Salamander	Honduras	lower montane forest floor	x	x	?				ZipcodeZoo.Com 2008b
<i>Chiropterotriton chiropterus</i> Common Splayfoot Salamander	Veracruz, Mexico	arboreal	x						IUCN 2010
<i>Cryptotriton alvarezdeltoroi</i> Alvarez del Toro's Salamander	Chiapas, Mexico	cloud forest		x					Papenfuss & Wake 1987
<i>Cryptotriton monzoni</i> Monzon's Hidden Salamander	Zacapa, Guatemala	cloud forest	x						IUCN 2010
<i>Oedipina poelzi</i> Quarry Worm Salamander	Costa Rica	moist montanes	x	x	?				Wake 1987
<i>Oedipina uniformis</i> Cienega Colorado Worm Salamander	Costa Rica; Nicaragua	arboreal	x	x					Wake 1987
<i>Oedipina pseudouniformis</i> Cienega Colorado Worm Salamander	Costa Rica & Nicaragua	arboreal		x					Brame 1968
<i>Oedipina elongata</i> Central American Worm Salamander	Mexico to Honduras	soil & wood channels	x						IUCN 2010
<i>Oedipina gracilis</i> Long-tailed Worm Salamander	Costa Rica; Panama	moist litter & burrows	x						Leenders 2001
<i>Oedipina pacificensis</i>	SW Costa Rica & Panama	lowlands	?	?					Frost 2011
<i>Oedipina carablanca</i> Los Diamantes Worm Salamander	Costa Rica	lowlands		x					Kubiki 2011
<i>Bolitoglossa obscura</i> Tapanti Giant Salamander	Costa Rica & Panama	arboreal		x					Wake 1987
<i>Bolitoglossa diminuta</i> Quebrada Valverde Salamander	Costa Rica	arboreal		x					Wake 1987

<i>Bolitoglossa sombra</i> Shadowy Web-footed Salamander	Costa Rica; Panama	arboreal		x				Hanken <i>et al.</i> 2005
<i>Bolitoglossa robusta</i> Robust Mushroom-tongue Salamander	Costa Rica; Panama	ground in lower montane		x				Hanken <i>et al.</i> 2005
<i>Bolitoglossa diaphora</i>	Honduras	cloud forest	?					McCranie & Wilson 2009
<i>Bolitoglossa rostrata</i> Longnose Mushroom-tongue Salamander	Guatemala; Mexico	arboreal high mountain	x					Raffaëlli 2011
<i>Bolitoglossa longissima</i>	Honduras	ground & arboreal		x				McCranie & Cruz 1996
<i>Bolitoglossa mexicana</i> Mexican Mushroom-tongue Salamander	Veracruz, Mexico to Honduras	arboreal in rainforest	x					IUCN 2010
<i>Bolitoglossa subpalmato</i> La Palma Salamander	Costa Rica	moist montane		x	x			Robinson 1976; Wake 1987
<i>Bolitoglossa marmorea</i> Crater Salamander	Costa Rica; Panama	moist montane	x					Wake <i>et al.</i> 1973
<i>Bolitoglossa hartwegi</i> Hartweg's Mushroom-tongue Salamander	Guatemala; Mexico	moist montane forest	?					IUCN 2010
<i>Bolitoglossa helmrichi</i>	Guatemala	arboreal in cloud forest	?					IUCN 2010
<i>Bolitoglossa lincolni</i> Lincoln's Mushroom-tongue Salamander	Guatemala; Mexico	forest, somewhat arboreal	?					IUCN 2010
<i>Bolitoglossa rufescens</i> Northern Banana Salamander	Mexico to Honduras	bromeliads in wet forest	?					McCoy 1990
<i>Bolitoglossa suchitanensis</i>	Guatemala	humid deciduous forest	x	x				Campbell <i>et al.</i> 2010
<i>Bolitoglossa xibalba</i>	Guatemala	wet montane forest	x	x				Campbell <i>et al.</i> 2010
<i>Thorius dubitus</i> Acultzingo Pigmy Salamander	Veracruz & Puebla Mexico	pine-oak cloud forest		x				Hanken 1983; Wake 1987
<i>Pseudoeurycea juarezi</i> Juarez Salamander	Oaxaca, Mexico	cloud forest	x	x				IUCN 2010
<i>Pseudoeurycea rex</i> Royal False Brook Salamander	western Guatemala	arboreal		x				Wake 1987
<i>Pseudoeurycea scandens</i> Tamaulipan False Brook Salamander	Mexico	arboreal		x				Wake 1987
<i>Pseudoeurycea werleri</i> Werler's False Brook Salamander	Veracruz Mexico	arboreal; rainforest & cloud forest		x				IUCN 2010
<i>Pseudoeurycea lineola</i> Veracruz Worm Salamander	Veracruz Mexico	oak-pine forest	x	?				Frost 2011
<i>Pseudoeurycea orchileucos</i> Sierra de Juárez Worm Salamander	Oaxaca Mexico	cloud forest	x					IUCN 2010
<i>Pseudoeurycea orchimelas</i> San Martin Worm Salamander	Veracruz Mexico	litter	?					IUCN 2010
<i>Nyctanolis permix</i> Nimble Long-limbed Salamanders	Mexico; Guatemala	humid pine-oak & cloud forest		x				Elias & Wake 1983; Stuart <i>et al.</i> 2008
<i>Dendrotriton cuchumatana</i> Forest Bromeliad Salamander	Guatemala	oak forest		x				ZipcodeZoo.Com 2008a
<i>Batrachoceps wrighti</i> Oregon Slender Salamander	NW USA	temperate forest	x					Storm 1953; Bury 2011
<i>Aneides vagrans</i> Wandering Salamander	N coastal CA, USA; BC, Canada	redwood forest		x				Sillett 1995; Spickler <i>et al.</i> 2006
<i>Aneides aeneus</i> Green Salamander	mid - E USA	boulders & rock cliffs		x			x	Gordon 1952; Lee & Norden 1973; Canterbury 1991
<i>Rhyacotriton olympicus</i> Olympic Torrent Salamander	N CA, SW OR, USA	old growth forest	x	x				Slater 1933; Welsh 1990
<i>Rhyacotriton cascadae</i> Cascade Torrent Salamander	Cascade Mtns, USA	riffles; underground streams	x	?				Frost 2011
<i>Rhyacotriton variegatus</i> Southern Torrent Salamander	Cascade Mtns CA; OR USA	humid forest headwaters	x	?				Welsh & Lind 1996
<i>Karsenia koreana</i> Korean Crevice Salamander	Korea	rock slides in young forest	x					Wake 2005
<i>Speleomontes supramontis</i> Supramonte Cave Salamander	east Sardinia, Italy	caves; oak forest		x				Nöllert & Nöllert 1992
<i>Eurycea wilderae</i> Blue Ridge Two-lined Salamander	S Appalachian Mtns	peatlands	x	x				Amphibians: Tulula Wetlands

<i>Eurycea guttolineata</i> Three-lined Salamander	SE USA	swampy areas	x	x					Amphibians: Tulula Wetlands
<i>Eurycea multiplicata</i> Many-ribbed Salamander	Ouichita Mtns, USA	limestone streams						x	Dundee 1947
<i>Eurycea tynnerensis</i> Oklahoma Salamander	Ozark Plateau, USA	streams, springs, seeps		x					Dundee 1947
<i>Eurycea bislineata</i> Northern Two-lined Salamander	E USA	peatlands, small streams	x	x	x				Jobson 1940; Richmond 1945; Bahret 1996
<i>Eurycea lucifuga</i> Cave Salamander	mid-S Appalachian Mtns, USA	limestone caves, springs		x					Bragg 1955
Proteidae									
<i>Necturus punctatus</i> Dwarf Waterdog	SE coastal plain, USA	hardwoods		x					Neill 1948
Salamandridae									
<i>Notophthalmus viridescens</i> Eastern Newt	Eastern USA	streams; forest floor		x					Roe & Grayson 2008
<i>Salamandra salamandra</i> European Fire Salamander	Central & S Europe	deciduous forest		x					Wikipedia: Fire Salamander 2011
<i>Euproctus platycephalus</i> Sardinian Mountain Newt	Sardinia, Italy	rivers		x		x	?		Michael Lüth (Bryonet 26 March 2011)
<i>Calotriton asper</i> Pyrenean Brook Salamander	Pyrenees	streams & lakes		x					Michael Lüth (Bryonet 26 March 2011)
<i>Triturus cristatus</i> Great Crested Newt	Europe	forest & peatlands	x	x	x	?	x		Kinne 2006
<i>Taricha torosa</i> California Newt	Coastal California, USA	epiphytic mosses; dry forest	x	x					Gary Nafis, 27 Apr 2011; Edmund Brodie, 7 Jun 2011
<i>Lissotriton helveticus</i> Palmate Newt	W Europe	peatlands	x						Wikipedia: Palmate Newt 2011
<i>Lissotriton montandoni</i> Carpathian Newt	Carpathian & Tatra Mtns	forest; rivers	x						Marc Hayes pers. comm. 26 March 2011
<i>Lissotriton vulgaris</i> Smooth Newt	Europe	forest	x						Peatlands 2009
<i>Lissotriton boscai</i> Bosca's Newt	W Iberian Peninsula	shallow ponds; peatlands	x	x					AmphibiaWeb: <i>Lissotriton boscai</i> 2000

Literature Cited

- Aardema, J., Beam, S., Boner, J., Bussone, J., Ewart, C., Kaplan, I., Kiefer, K., Lindsay, S., Merrill, E., Moretz, W., Roberts, J., Rockwell, E., Reott, M., Willson, J., Pickens, A., Guthrie, W., Young, A., Kornilev, Y., Anderson, W., Connette, G., and Eskew, E. 1999. Amphibians and Reptiles of North Carolina. Accessed on 4 February at <<http://www.herpsoc.org/herpcons.html>>.
- Amphibians: Tulula Wetlands. Accessed on 4 February 2009 at <<http://orgs.unca.edu/tulula/amphibian.html>>.
- AmphibiaWeb: *Lissotriton boscai*. 2000. Accessed 1 April 2011 at <http://amphibiaweb.org/cgi/amphib_query?where-genus=Lissotriton&where-species=boscai>.
- Bahret, R. 1996. Ecology of lake dwelling *Eurycea bislineata* in the Shawangunk Mountains, New York. J. Herpetol. 30: 399-401.
- Beachy, C. K. 1993. Differences in variations in egg size for several species of salamanders (Amphibia: Caudata) that use different larval environments. Brimleyana 18: 71-82.
- Blanchard, F. N. 1934. Relation of the female *Hemidactylium scutatum* to her nest and eggs. Copeia 1934: 137-138.
- Bragg, A. N. 1955. The Amphibia of Cherokee County, Oklahoma. Herpetologica 11: 25-30.
- Brame, A. H. Jr. 1968. Systematics and evolution of the Mesoamerican salamander genus *Oedipina*. J. Herpetol. 2: 1-64.
- Burger, J. W. 1933. A preliminary list of the amphibians of Lebanon County, Pennsylvania, with notes on habits and life history. Copeia 1933: 92-94.
- Burns, D. M. 1962. The taxonomic status of the salamander *Plethodon vandykei larselli*. Copeia 1962: 177-181.
- Bury, R. Bruce. 2011. AmphibiaWeb: *Batrachoseps wrighti*. Berkeley, California: AmphibiaWeb. Accessed 21 March 2011 at <http://amphibiaweb.org/cgi/amphib_query?where-genus=Batrachoseps&where-species=wrighti&account=lannoo>.
- Camp, C. D. and Tilley, S. G. 2011. *Desmognathus monticola*. AmphibiaWeb. Berkeley, California. Accessed 4 September 2011 at <<http://amphibiaweb.org/>>.
- Campbell, J. A., Smith, E. N., Streicher, J., Acevedo, M. E., and Brodie, E. D. Jr. 2010. New salamanders (Caudata: Plethodontidae) from Guatemala, with miscellaneous notes on known species. Miscellaneous Publications, Museum of Zoology, University of Michigan. 200: 60 pp.
- Canterbury, R. A. 1991. Ecology of the green salamander, *Aneides aeneus* (Cope and Packard), in West Virginia. Master's thesis. Marshall University, Huntington, West Virginia.
- Duellman, W. E. and Trueb, L. 1986. Biology of Amphibians. Johns Hopkins University Press, Baltimore.
- Dumas 1957.
- Dundee, H. A. 1947. Notes on salamanders collected in Oklahoma. Copeia 1947: 117-120.

- Elias, P. and Wake, D. 1983. *Nyctanolis pernix*, a new genus and species of plethodontid salamander from Northwestern Guatemala and Chiapas, Mexico. Rhodin, G. J. and Miyata, K. (eds.). Advances in Herpetology and Evolutionary Biology: Essays in Honor of Ernest E. Williams. Museum of Comparative Zoology, Harvard, Cambridge.
- Ferguson, D. E. 1961. The herpetofauna of Tishomingo County, Mississippi, with comments on its zoogeographic affinities. *Copeia* 1961: 391-396.
- Freda, J. and Dunson, W. A. 1986. Effects of low pH and other chemical variables on the local distribution of amphibians. *Copeia* 1986: 454-466.
- Frost, D. R. 2011. Amphibian Species of the World: An Online Reference. Version 5.5 (31 January 2011). Accessed 26 February 2011 at <<http://research.amnh.org/vz/herpetology/amphibia/>>. American Museum of Natural History, New York, USA.
- García-París, M. and Wake, D. B. 2000. Molecular phylogenetic analysis of relationships of the tropical salamander genera *Oedipina* and *Nototriton*, with descriptions of a new genus and three new species. *Copeia* 2000: 42-70.
- Gilbert, P. W. 1941. Eggs and nests of *Hemidactylium scutatum* in the Ithaca region. *Copeia* 1941: 47.
- Gnaedinger, L. M. and Reed, C. A. 1948. Contribution to the natural history of the plethodont salamander *Ensatina eschscholtzii*. *Copeia* 1948: 187-196.
- Good, D. A. and Wake, D. B. 1993. Systematic studies of the Costa Rican moss salamander, genus *Nototriton*, with descriptions of three new species. *Herpetol. Monogr.* 7: 131-159.
- Gordon, R. E. 1952. A contribution to the life history and ecology of the plethodontid salamander *Aneides aeneus* (Cope and Packard). *Amer. Midl. Nat.* 47: 666-701.
- Gorman, J. 1954. A new species of salamander from central California. *Herpetologica* 10: 153-158.
- Gorman, J. and Camp, C. L. 1953. A new cave species of salamander of the genus *Hydromantes* from California, with notes on habits and habitat. *Copeia* 1953: 39-43.
- Goux, L. 1957. Contribution à l'étude écologique, biologique et biogéographique de *Chioglossa lusitanica* Barb. (Urodela, Salamandridae). *Bull. Soc. Zool. France* 82: 361-377.
- Gunzburger, M. S. 1999. Diet of the Red Hills Salamander *Phaeognathus hubrichti*. *Copeia* 1999: 523-525.
- Hanken, J. 1983. Genetic variation in a dwarfed lineage, the Mexican salamander genus *Thorius* (Amphibia: Plethodontidae): Taxonomic, ecologic and evolutionary implications. *Copeia* 1983: 1051-1073.
- Hanken, J., Wake, D. B., and Savage, J. M. 2005. A solution to the large black salamander problem (genus *Bolitoglossa*) in Costa Rica and Panamá. *Copeia* 2005: 227-245.
- Harris, Reid N. 2009. AmphibiaWeb: *Hemidactylium scutatum*. Accessed 10 January 2009 at <<http://www.amphibiaweb.org>>.
- Hasumi, M., Hongorzul, T., and Terbish, K. 2009. Burrow Use by *Salamandrella keyserlingii* (Caudata: Hynobiidae). *Copeia* 2009: 46-49.
- Hining, K. J. and Bruce, R. C. 2005. Population structure and life history attributes of syntopic populations of the salamanders *Desmognathus aeneus* and *Desmognathus wrighti* (Amphibia: Plethodontidae). *Southeast. Nat.* 4: 679-688.
- Hom, C. L. 1987. Reproductive ecology of female Dusky Salamanders, *Desmognathus fuscus* (Plethodontidae), in the southern Appalachians. *Copeia* 1987: 768-777.
- Hughes, M., Petersen, R., and Duffield, R. M. *Plethodon cinereus* (Red-backed Salamander) habitat. Unpublished report.
- IUCN. 2010. IUCN Red List of Threatened Species. Version 2010.4. Accessed 21 March at <www.iucnredlist.org>.
- Jobson, H. G. M. 1940. Reptiles and amphibians from Georgetown County, South Carolina. *Herpetologica* 2: 39-43.
- Jones, R. L. 1981. Distribution and ecology of the seepage salamander, *Desmognathus aeneus* Brown and Bishop (Amphibia: Plethodontidae) in Tennessee. *Brimleyana* 7: 95-100.
- King, W. 1939. A survey of the herpetology of Great Smoky Mountains National Park (Tennessee). *Amer. Midl. Nat.* 21: 531-582.
- Kinne, O. 2006. Successful re-introduction of the newts *Triturus cristatus* and *T. vulgaris*. *Endang. Species Res.* 1: 25-40.
- Kubiki, Brian. 2011. Amphibian diversity in Guayacán, Limón Province, Costa Rica. Accessed 2 April 2011 at <<http://www.amphibianark.org/Kevin/Amphibians-of-Guayacan.pdf>>.
- Kusano, T. and Miyashita, K. 1984. Dispersal of the salamander, *Hynobius nebulosus tokyoensis*. *J. Herpetol.* 18: 349-353.
- LeClere, J. 2011. Blue-spotted salamander – *Ambystoma laterale*. Amphibians and Reptiles of Minnesota. Accessed 6 April 2011 at <http://www.herpNet.net/Minnesota-Herpetology/index.php?option=com_content&view=article&id=64:blue-spotted-salamander-ambystoma-laterale&catid=40:minnesota-salamanders&Itemid=62>.
- Lee, D. S. and Norden, A. W. 1973. A food study of the Green Salamander, *Aneides aeneus*. *J. Herpetol.* 7: 53-54.
- Leenders, T. 2001. A Guide to Amphibians and Reptiles of Costa Rica. Zona Tropical, Miami.
- Marc Hayes, personal communication 26 March 2011
- Martof, B. and Humphries, R. L. 1955. Observations on some amphibians from Georgia. *Copeia* 1955: 245-248.
- McCoy, C. J. 1990. Additions to the herpetofauna of Belize, Central America. *Caribbean J. Sci.* 26: 164-166.
- McCranie, J. R. and Cruz, G. A. 1996. A new species of salamander of the *Bolitoglossa dunni* group (Caudata: Plethodontidae) from the Sierra de Agalta, Honduras. *Caribbean J. Sci.* 32: 195-200.
- McCranie, J. R. and Wilson, L. D. 2002. The Amphibians of Honduras. *Contrib. Herpetol.* 19. Adler, K. and T. D. Perry, T. D. (eds.). Society for the Study of Amphibians and Reptiles, Ithaca, New York.
- Michael Lüth, Bryonet 26 March 2011
- Mushinsky, H. R. 1976. Ontogenetic development of microhabitat preference in salamanders: The influence of early experience. *Copeia* 1976: 755-758.
- Neill, W. T. 1948. Hibernation of amphibians and reptiles in Richmond County, Georgia. *Herpetologica* 4: 107-114.
- Nöllert, A. and Nöllert, C. 1992. Die Amphibien Europas. Franckh-Kosmos Verlags-GmbH and Company, Stuttgart.
- Organ, J. A. 1958. Courtship and spermatophore of *Plethodon jordani metcalfi*. *Copeia* 1958: 251-259.
- Organ, J. A. 1960. Studies on the life history of the salamander, *Plethodon welleri*. *Copeia* 1960: 287-297.
- Papenfuss, T. J. and Wake, D. B. 1987. Two new species of plethodontid salamanders (genus *Nototriton*) from Mexico. *Acta Zool. Mex.* 21: 1-16.
- Pauley, T. K. 1985. Distribution and status of the Cheat Mountain Salamander. Status survey report submitted to USFWS, Dec. 1985 and Jan. 1986.

- Peatlands. Accessed on 6 February 2009 at <http://www.peatlandsni.gov.uk/wildlife/amphibians/com_lizard.htm>.
- Petranka, J. W. 1998. Salamanders of the United States and Canada. Smithsonian Institution Press, Washington, D.C.
- Potapov, E. 1993. How salamanders survive the deep freeze. *New Scientist*. 139(1890): 15.
- Raffaëlli, J. 2011. AmphibiaWeb: *Bolitoglossa rostrata*. Accessed 17 April 2011 at <<http://amphibiaweb.org/>>.
- Richmond, N. D. 1945. Nesting of the Two-lined Salamander on the coastal plain. *Copeia* 1945: 170.
- Robinson, D. C. 1976. A new dwarf salamander of the genus *Bolitoglossa* (Plethodontidae) from Costa Rica. *Proc. Biol. Soc. Washington* 89: 289-294.
- Roe, A. W. and Grayson, K. L. 2008. Terrestrial movements and habitat use of juvenile and emigrating adult Eastern Red-Spotted Newts, *Notophthalmus viridescens*. *J. Herpetol.* 42: 22-30.
- Savage, J. M. 2002. The Amphibians and Reptiles of Costa Rica: A Herpetofauna between Two Continents, between Two Seas. The University of Chicago Press, Chicago, IL, USA, 945 pp.
- Sillett, S. C. 1995. Branch epiphytes assemblages in the forest interior and on the clearcut edge of a 700-year-old Douglas-fir canopy in western Oregon. *Bryologist* 98: 301-312.
- Slater, J. R. 1933. Notes on Washington salamanders. *Copeia* 1933: 44.
- Spickler, J. C., Sillett, S. C., Marks, S. B., and Welsh, H. H. Jr. 2006. Evidence of a new niche for a North American salamander: *Aneides vagrans* residing in the canopy of old-growth redwood forest. *Herpetol. Conserv. Biol.* 1: 16-27.
- Storm, R. M. 1953. Range extension of the salamander *Batrachoseps wrighti*. *Copeia* 1953: 65-66.
- Stuart, S., Hoffmann, M., Chanson, J., Cox, N., Berridge, R., Ramani, P., and Young, B. (eds.). 2008. Threatened Amphibians of the World. Lynx Edicions, IUCN, and Conservation International, Barcelona, Spain; Gland, Switzerland; and Arlington, Virginia, USA.
- Taylor, E. R. 1954. Additions to the known herpetological fauna of Costa Rica with comments on other species. No. 1. *Univ. Kans. Sci. Bull.* 36: 597-639.
- Tilley, S. G. 1972. Aspects of parental care and embryonic development in *Desmognathus ochrophaeus*. *Copeia* 1972: 532-540.
- Tosi, J. 1969. Republica de Costa Rica. Mapa Ecologico. San José, Costa Rica.
- Virginia Department of Game and Inland Fisheries. 2011. Accessed 3 & 25 April 2011 at <<http://www.dgif.virginia.gov/wildlife/information/?s=020047>> and <<http://www.dgif.virginia.gov/wildlife/information/?s=020041>>.
- Wake, D. B. 1987. Adaptive radiation of salamanders in Middle American cloud forests. *Ann. Missouri Bot. Gard.* 74: 242-264.
- Wake, David B. 2005. AmphibiaWeb: *Karsenia koreana*. Last updated 9 November 2011. Berkeley, California: AmphibiaWeb. Accessed 26 March 2011 at <http://amphibiaweb.org/cgi/amphib_query?where-genus=Karsenia&where-species=koreana>.
- Wake, D. B., Brame, A. H., and Duellman, W. E. 1973. New species of salamanders, genus *Bolitoglossa*, from Panama. *Nat. Hist. Mus. Los Angeles Co. Contrib. Sci.* 248: 1-19.
- Welsh, H. H. Jr. 1990. Relictual amphibians and old-growth forests. *Conserv. Biol.* 4: 309-319.
- Welsh, H. H. Jr. and Lind, A. J. 1995. Habitat correlates of the Del Norte Salamander, *Plethodon elongatus* (Caudata: Plethodontidae), in northwestern California. *J. Herpetol.* 29: 198-210.
- Wikipedia: Fire Salamander. 2011. Last updated 23 March 2011. Accessed 26 March 2011 at <http://en.wikipedia.org/wiki/Fire_Salamander>.
- Wikipedia: Palmate Newt. 2011. Updated 7 January 2011. Accessed 19 April 2011 at <http://en.wikipedia.org/wiki/Palmate_Newt>.
- Wilson, A. G. Jr. 1990. A survey of the Nez Perce National Forest for the coeur d'alene salamander (*Plethodon idahoensis*). Albert G. Wilson, Jr. Submitted to Craig Groves, Natural Heritage Section, Nongame and Endangered Wildlife Program, Bureau of Wildlife, Idaho Department of Fish and Game, 600 S. Walnut St., Box 25, Boise, ID 83707, 33 pp.
- Wood, J. T. 1955. The nesting of the four-toed salamander, *Hemidactylium scutatum* (Schlegel), in Virginia. *Amer. Midl. Nat.* 53: 381-389.
- ZipcodeZoo.Com. 2008a. *Dendrotriton cuchumatanus*. Accessed on 8 February 2009 at <http://zipcodezoo.com/Animals/D/Dendrotriton_cuchumatanus/>.
- ZipcodeZoo.Com. 2008b. *Nototriton barbouri*. Accessed on 8 February 2009 at <http://zipcodezoo.com/Animals/N/Nototriton_barbouri/>.
- ZipcodeZoo. 2008c. *Nototriton saslaya*. Accessed on 29 January 2009 at <http://zipcodezoo.com/Animals/N/Nototriton_saslaya/>.