
CAUDATA

COURTSHIP SEASON - When is the courtship season for this species?

Species	Common Name	Courtship Season
Cryptobranchidae	Giant Salamander	
<i>Cryptobranchus a. alleganiensis</i>	Eastern Hellbender	mid Aug - mid Sept (Bishop 1941)
Sirenidae	Sirens	
<i>Siren i. intermedia</i>	Eastern Lesser Siren	fall & winter (Raymond 1991)
<i>Siren lacertina</i>	Greater Siren	Feb - Mar (Hanlin and Mount 1978)
Amphiumidae	Congo Eels	
<i>Amphiuma means</i>	Two-toed Amphiuma	Dec - Feb LA (Rose 1967)
Proteidae	Waterdogs	
<i>Necturus m. maculosus</i>	Common Mudpuppy	late Oct and Nov in WI (Vogt 1981); Sept - Nov (Bishop 1941)
<i>Necturus punctatus</i>	Dwarf Waterdog	Probably in winter (Meffe and Sheldon 1987)
Salamandridae	True Salamanders	
<i>Notophthalmus v. viridescens</i>	Red-spotted Newt	Mar - June in mountainous regions of VA (Gill 1978)
Ambystomatidae	Mole Salamanders	
<i>Ambystoma barbouri</i>	Streamside Salamander	Oct - Mar (Kraus and Petranka 1989)
<i>Ambystoma jeffersonianum</i>	Jefferson Salamander	Oct - Apr (Bishop 1941)
<i>Ambystoma laterale</i>	Blue-spotted Salamander	Mar - June (Brodman and Kilmurry 1998)
<i>Ambystoma mabeei</i>	Mabee's Salamander	Jan - Mar (Hardy 1969b)
<i>Ambystoma maculatum</i>	Spotted Salamander	Jan - Apr (Harris 1980)
<i>Ambystoma opacum</i>	Marbled Salamander	Aug - Nov (Shoop and Doty 1972)
<i>Ambystoma talpoideum</i>	Mole Salamander	Sept - Mar (Semlitsch 1981)
<i>Ambystoma texanum</i>	Small-mouthed Salamander	Jan - Mar (Green and Pauley 1987)
<i>Ambystoma t. tigrinum</i>	Eastern Tiger Salamander	Jan - Mar (Bishop 1941)
Plethodontidae	Lungless Salamanders	
<i>Aneides aeneus</i>	Green Salamander	May - June, Sept - Oct (Canterbury and Pauley 1994)
<i>Desmognathus auriculatus</i>	Southern Dusky Salamander	Unk
<i>Desmognathus f. fuscus</i>	Northern Dusky Salamander	fall and spring (Bishop 1941)
<i>Desmognathus marmoratus</i>	Shovel-nosed Salamander	Unk
<i>Desmognathus monticola</i>	Seal Salamander	Apr, Sept, Oct (Organ 1961b)
<i>Desmognathus ochrophaeus</i>	Allegheny Mountain Dusky Salamander	May, Oct (Bishop 1941)
<i>Desmognathus orestes</i>	Blue Ridge Dusky Salamander	spring, late summer, fall (Organ 1961b)
<i>Desmognathus quadramaculatus</i>	Black-bellied Salamander	Sept (Organ 1961b)
<i>Desmognathus welteri</i>	Black Mountain Salamander	May - ?? (Felix 2001)

<i>Desmognathus wrighti</i>	Pygmy Salamander	Sept - Oct, Apr - May (Organ 1961b)
<i>Eurycea bislineata</i>	Northern Two-lined Salamander	Sept-May, based on seasonal dev. of M 2ndary sexual charact. and sperm caps in F cloacae (several refs in Petranka 1998, pg. 243)
<i>Eurycea cirrigera</i>	Southern Two-lined Salamander	Sept-May, based on seasonal dev. of M 2ndary sexual charact. and sperm caps in F cloacae (several refs in Petranka 1998, pg. 243)
<i>Eurycea guttolineata</i>	Three-lined Salamander	late autumn or early winter (Petranka 1998)
<i>Eurycea l. longicauda</i>	Long-tailed Salamander	autumn and early winter (Petranka 1998); mating observed in field on 18 Oct (Cooper 1960)
<i>Eurycea lucifuga</i>	Cave Salamander	probably summer and early autumn (Petranka 1998)
<i>Eurycea wilderae</i>	Blue Ridge Two-lined Salamander* filled in with same info as E. bislineata and E. cirrigera because recently split and little new info. specifically for this sp.	Sept-May, based on seasonal dev. of M 2ndary sexual charact. and sperm caps in F cloacae (several refs in Petranka 1998, pg. 243)
<i>Gyrinophilus p. duryi</i>	Kentucky Spring Salamander	Unk
<i>Gyrinophilus p. porphyriticus</i>	Northern Spring Salamander	F found with abundant sperm in their spermatheca Jun, July, Aug, and Nov in NY (Dieckmann 1927)
<i>Gyrinophilus subterraneus</i>	West VA Spring Salamander	Unk
<i>Hemidactylium scutatum</i>	Four-toed Salamander	Fall to early winter (Petranka 1998)
<i>Plethodon chlorobryonis</i>	Atlantic Coast Slimy Salamander	Unk
<i>Plethodon cinereus</i>	Eastern Red-backed Salamander	Oct - Apr (Petranka 1998)
<i>Plethodon cylindraceus</i>	White-spotted Slimy Salamander	Unk
<i>Plethodon electromorphus</i>	Northern Ravine Salamander	Unk
<i>Plethodon g. glutinosus</i>	Northern Slimy Salamander	Aug - Oct (Organ 1968)
<i>Plethodon hoffmani</i>	Valley and Ridge Salamander	Feb - Apr (Jewell and Pauley 1995)
<i>Plethodon hubrichti</i>	Peaks of Otter Salamander	Unk (Petranka 1998)
<i>Plethodon jordani</i>	Jordan's Salamander	mid Jul - Oct (Petranka 1998)
<i>Plethodon kentucki</i>	Cumberland Plateau Salamander	Aug - Oct (Marvin and Hutchinson 1996)
<i>Plethodon nettingi</i>	Cheat Mountain Salamander	Unk
<i>Plethodon punctatus</i>	Cow Knob Salamander	Unk
<i>Plethodon richmondi</i>	Ravine Salamander	April and May in WV (Jewell and Pauley 1995)
<i>Plethodon shenandoah</i>	Shenandoah Salamander	Unk
<i>Plethodon ventralis</i>	Southern Zigzag Salamander	Unk
<i>Plethodon virginia</i>	Shenandoah Mountain Salamander	Unk

<i>Plethodon wehrlei</i>	Wehrle's Salamander	autumn through spring, NY and PA - Sept - Oct; oviposit in NY and PA midwinter to early spring (Hall and Stafford 1972); WV breeding and oviposition- Mar and Apr (Pauley and England 1969)
<i>Plethodon welleri</i>	Weller's Salamander	VA-Oct, autumn; possible spring breeding in southern populations (Thurow 1963); oviposition May or June (Organ 1960)
<i>Plethodon yonahlossee</i>	Yonahlossee Salamander	Aug - White Top Mtn, VA (Pope 1950); not well known; egg deposition probably late spring or early summer
<i>Pseudotriton m. montanus</i>	Eastern Mud Salamander	Aug - Nov, late Sept (Bruce 1975)
<i>Pseudotriton m. diastictus</i>	Midland Mud Salamander	Unk
<i>Pseudotriton r. ruber</i>	Northern Red Salamander	May, June, Oct (Organ and Organ 1968)
<i>Pseudotriton r. nitidus</i>	Blue Ridge Red Salamander	Unk
<i>Stereochilus marginatus</i>	Many-lined Salamander	Autumn (Petranka 1998)

Courtship Season Codes: Specify range of months, Unk = unknown