
CAUDATA

BREEDING SEASON - When is the egg laying season for this species?

Species	Common Name	Breeding Season
Cryptobranchidae		
Giant Salamander		
<i>Cryptobranchus a. alleganiensis</i>	Eastern Hellbender	mid Aug - mid Sept (Bishop 1941); 7 Sept - 11 Oct in IN population (Kern 1986); breeding condition adults collected in AL in late Sept./early Oct. (Mount 1975).
Sirenidae		
Sirens		
<i>Siren i. intermedia</i>	Eastern Lesser Siren	Mar - Apr in Carolinas (Collette and Gehlach 1961); late Dec-Mar in S-Cent. FL (Godley 1983); In TX, gravid F's found in late Apr, suggesting peak May breeding (Davis and Knapp 1953).
<i>Siren lacertina</i>	Greater Siren	Feb - Mar in S. AL (Hanlin and Mount 1978)
Amphiumidae		
Congo Eels		
<i>Amphiuma means</i>	Two-toed Amphiuma	Dec-Feb in LA (Rose 1967); Feb in FL (Weber 1944)
Proteidae		
Waterdogs		
<i>Necturus m. maculosus</i>	Common Mudpuppy	late May or early June in NY and PA (Bishop 1926, 1941)
<i>Necturus punctatus</i>	Dwarf Waterdog	Mar - May (Meffe and Sheldon 1987)
Salamandridae		
True Salamanders		
<i>Notophthalmus v. viridescens</i>	Red-spotted Newt	late Mar - early July (Chadwick 1944)
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	June - July in WV, shortly after mating (Canterbury and Pauley 1994)

<i>Desmognathus auriculatus</i>	Southern Dusky Salamander	mid June (Neil and Rose 1949); nest w/ attending F found in se VA in late Aug (Wood and Clarke 1955)
<i>Desmognathus f. fuscus</i>	Northern Dusky Salamander	May - June (Bishop 1941)
<i>Desmognathus marmoratus</i>	Shovel-nosed Salamander	May - June (Martof 1962)
<i>Desmognathus monticola</i>	Seal Salamander	June - Sept (Petranka 1998)
<i>Desmognathus ochrophaeus</i>	Allegheny Mountain Dusky Salamander	Mar - Sept (Orr 1989)
<i>Desmognathus orestes</i>	Blue Ridge Dusky Salamander	May or July - Sept (Petranka 1998)
<i>Desmognathus quadramaculatus</i>	Black-bellied Salamander	May - Sept (Petranka 1998, Organ 1961b)
<i>Desmognathus welteri</i>	Black Mountain Salamander	June (Petranka 1998)
<i>Desmognathus wrighti</i>	Pygmy Salamander	? - Oct (Tilley 1968)
<i>Eurycea bislineata</i>	Northern Two-lined Salamander	late Apr-early June in MA (Wilder 1924), Apr-June in NY (Bishop 1941), mid Mar-April in WV (Green and Pauley 1987)
<i>Eurycea cirrigera</i>	Southern Two-lined Salamander	late Apr-early June in MA (Wilder 1924), Apr-June in NY (Bishop 1941), mid Mar-April in WV (Green and Pauley 1987)
<i>Eurycea guttolineata</i>	Three-lined Salamander	Oviposition in December in many populations (Gordon 1953); early to mid-Mar in NC (Bruce 1970)
<i>Eurycea l. longicauda</i>	Long-tailed Salamander	late autumn through very early spring (Guttman 1989, Hutchinson 1956, Minton 1972); F with 5 eggs found on 23 Nov in MD (Franz 1964)
<i>Eurycea lucifuga</i>	Cave Salamander	Sept-Feb; Oct-Jan peak in many populations (Petranka 1998) Eggs found in WV caves betwn 24 Sept and 5 Nov (Green et al. 1967)
<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.	late Apr-early June in MA (Wilder 1924), Apr-June in NY (Bishop 1941), mid Mar-April in WV (Green and Pauley 1987)
<i>Gyrinophilus p. duryi</i>	Kentucky Spring Salamander	Unk
<i>Gyrinophilus p. porphyriticus</i>	Northern Spring Salamander	Mostly during the summer (Petranka 1998), but some F in NY begin as early as May (Bishop 1941)
<i>Gyrinophilus subterraneus</i>	West VA Spring Salamander	Unk
<i>Hemidactylium scutatum</i>	Four-toed Salamander	mid Apr - mid May (Bishop 1919, 1941)
<i>Plethodon chlorobryonis</i>	Atlantic Coast Slimy Salamander	Unk
<i>Plethodon cinereus</i>	Eastern Red-backed Salamander	Mar - May & Sep - Nov, Mar - Nov in montane regions (Petranka 1998)
<i>Plethodon cylindraceus</i>	White-spotted Slimy Salamander	Unk

<i>Plethodon electromorphus</i>	Northern Ravine Salamander	Sep - Nov & Mar - Jun (Duellman 1954)
<i>Plethodon g. glutinosus</i>	Northern Slimy Salamander	Low elevations: Mar - Jun & Sept - Nov, High elevations: Mar - Nov (Green and Pauley 1987)
<i>Plethodon hoffmani</i>	Valley and Ridge Salamander	Feb - Apr & Aug - Oct (Petranka 1998)
<i>Plethodon hubrichti</i>	Peaks of Otter Salamander	Unk (Petranka 1998)
<i>Plethodon jordani</i>	Jordan's Salamander	mid May - Oct (Petranka 1998)
<i>Plethodon kentucki</i>	Cumberland Plateau Salamander	Apr - Oct (Green and Pauley 1987)
<i>Plethodon nettingi</i>	Cheat Mountain Salamander	Unk
<i>Plethodon punctatus</i>	Cow Knob Salamander	Eggs laid in late summer (VAFWS 2001)
<i>Plethodon richmondi</i>	Ravine Salamander	late April or May (Jewell and Pauley 1995)
<i>Plethodon shenandoah</i>	Shenandoah Salamander	Unk
<i>Plethodon ventralis</i>	Southern Zigzag Salamander	Eggs laid in late spring and early summer (VAFWS 2001)
<i>Plethodon virginia</i>	Shenandoah Mountain Salamander	Unk
<i>Plethodon wehrlei</i>	Wehrle's Salamander	Low elevations: Mar - early June, late Sept until cold weather, High elevations: late Apr - mid Oct
<i>Plethodon welleri</i>	Weller's Salamander	Unk
<i>Plethodon yonahlossee</i>	Yonahlossee Salamander	Probably late spring and early summer (Petranka 1998)
<i>Pseudotriton m. montanus</i>	Eastern Mud Salamander	Feb, Mar, Dec (Fowler 1946)
<i>Pseudotriton m. diastictus</i>	Midland Mud Salamander	Unk
<i>Pseudotriton r. ruber</i>	Northern Red Salamander	Oct - Mar (Bishop 1925)
<i>Pseudotriton r. nitidus</i>	Blue Ridge Red Salamander	Unk
<i>Stereochilus marginatus</i>	Many-lined Salamander	Winter (Petranka 1998)

Breeding Season Codes: Specify range of months from when eggs are laid until eggs hatch, Unk = unknown