

Testudines

BREEDING > ANNUALLY - Can females breed more than once each season?

Species	Common Name	Breeding > Annually
Cheloniidae	sea turtles	
<i>Caretta c. caretta</i>	Atlantic loggerhead	Y - females may remate after each nesting (Harry and Briscoe 1988); one to seven clutches may be laid in a nesting season (Lenarz et al 1981; Lund 1986; Dodd 1988), but one to three clutches per season is more normal for North American females (Dodd 1988)
<i>Chelonia m. mydas</i>	Atlantic green turtle	Y - up to seven clutches have been laid in a season by wild females (Carr et al. 1978); some captive females have laid eight clutches in one season (Ulrich and Parkes 1978)
<i>Eretmochelys i. imbricata</i>	Atlantic hawksbill	Y - hawksbills may nest four or five times a season (Corliss et al. 1989)
<i>Lepidochelys kempii</i>	Kemp's ridley or Atlantic ridley	Y - one to four (mean 1.4; Márquez 1990) clutches are laid each season (Ernst and Barbour 1972; Pritchard and Márquez 1973; Hirth 1980; Wood and Wood 1988; National Research Council 1990)
Dermochelyidae	leatherback sea turtles	
<i>Dermochelys c. coriacea</i>	Atlantic leatherback	Y - Dutton et al. (1992) reported that a female may lay as many as 11 clutches a year...but probably about 6 clutches a season are normal (Ernst et al. 1994)
Chelydridae	snapping turtles	
<i>Chelydra s. serpentina</i>	eastern snapping turtle	N - only one clutch is laid a year (Ernst et al. 1994)
Emydidae	pond turtles	
<i>Chrysemys p. picta</i>	eastern painted turtle	Y (Moll 1973, Christens and Bider 1986)
<i>Chrysemys p. marginata</i>	midland painted turtle	Y (Moll 1973, Christens and Bider 1986)
<i>Clemmys guttata</i>	spotted turtle	Y/N - one or two clutches...are deposited in a year (Wilson 1989; Ernst and Zug 1994)
<i>Clemmys insculpta</i>	wood turtle	N (Ernst and Barbour 1972; Harding 1977)

<i>Clemmys muhlenbergii</i>	bog turtle	N/Y - probably only one clutch is laid per year, but Herman (1986) reported a captive female living under seminatural conditions laying two clutches (Ernst et al. 1994)
<i>Deirochelys r. reticularia</i>	eastern chicken turtle	Y - 2-4 times in FL (Jackson 1988)
<i>Emydoidea blandingii</i>	Blanding's turtle	N - only a single clutch is deposited each year (Ernst et al. 1994); less than 25% (Congdon et al. 1983, Ernst et al. 1994)
<i>Graptemys geographica</i>	northern map turtle	Y - (White and Moll 1991)
<i>Graptemys ouachitensis</i>	Ouachita map turtle	Y (Webb 1961; Vogt 1980)
<i>Malaclemys terrapin terrapin</i>	northern diamond-backed terrapin	Y - Up to 5/yr. In capt. (Hildebrand and Hartsel 1926), but about 2/yr. in wild of MA (Lazell 1979)
<i>Pseudemys c. concinna</i>	eastern river cooter	Y - in KS (Caldwell and Collins 1981)
<i>Pseudemys c. floridana</i>	coastal plain cooter	Y - at least twice a year and can be 3-6 times/yr (Jackson 1988)
<i>Pseudemys rubriventris</i>	northern red-bellied cooter	Y - (Conant and Bailey 1936)
<i>Terrapene c. carolina</i>	eastern box turtle	Unk
<i>Trachemys s. scripta</i>	yellow-bellied slider	Y up to 5 clutches (Jackson 1988)
<i>Trachemys s. elegans</i>	red-eared slider	Y (Mitchell pers comm.)
<i>Trachemys s. troosti</i>	cumberland slider	Y (Mitchell pers comm.)
Kinosternidae	mud and musk turtles	
<i>Kinosternon s. subrubrum</i>	eastern mud turtle	N/Y - most females lay a single clutch each year, but a few may lay as many as three clutches a season (Ernst et al. 1994)
<i>Kinosternon baurii</i>	striped mud turtle	Y- Florida females produce at least three clutches per year (Lardie 1975; Iverson 1979)
<i>Sternotherus minor peltifer</i>	stripeneck musk turtle	Y - two to five clutches...may be deposited each year* (Iverson 1977, 1978) *for <i>S. m. minor</i>
<i>Sternotherus odoratus</i>	stinkpot or common musk turtle	Y - two to four clutches may be laid each year (Gibbons 1970; Iverson 1977; Mitchell 1988)
Trionychidae	softshell turtles	
<i>Apalone m. mutica</i>	midland smooth softshell	Y - two clutches are produced each year (Ernst et al. 1994)
<i>Apalone s. spinifera</i>	eastern spiny softshell	Y- two clutches of eggs are produced each year (Robinson and Murphy 1978)

Breeding Annually Codes: Y = yes, N = no, Unk = unknown