

Testudines

MAX LONGEVITY – What is the maximum longevity of the species?

Species	Common Name	Max Longevity
Cheloniidae	sea turtles	
<i>Caretta c. caretta</i>	Atlantic loggerhead	nine Atlantic loggerheads were kept in captivity for more than 20 years at Marineland, in Florida (Ernst and Barbour 1972); Dodd (1988) estimated that the maximum life span of a wild female <i>Caretta</i> is 47-62 years (in Ernst et al. 1994)
<i>Chelonia m. mydas</i>	Atlantic green turtle	11 Atlantic green turtles were kept for more than 20 years at Marineland, Florida (Ernst and Barbour 1972); maximum longevity in the wild is unknown (Ernst et al. 1994)
<i>Eretmochelys i. imbricata</i>	Atlantic hawksbill	four females and one male were kept for more than 20 years at Marineland, in Florida. Longevity in the wild is unknown (Ernst et al. 1994)
<i>Lepidochelys kempii</i>	Kemp's ridley or Atlantic ridley	female <i>Lepidochelys kempii</i> have been kept in captivity for more than 20 years at Marineland, in Florida (Ernst and Barbour 1972)
Dermochelyidae	leatherback sea turtles	
<i>Dermochelys c. coriacea</i>	Atlantic leatherback	maximum natural longevity is unknown, but Pritchard (1985) reported that a nesting female tagged in French Guiana on 14 June 1970 was found dead in New Jersey on 5 June 1984 (Ernst et al. 1994)
Chelydridae	snapping turtles	
<i>Chelydra s. serpentina</i>	eastern snapping turtle	longevity record for this species is 38 years, 8 months and 27 days for an unsexed adult at the Philadelphia Zoo (Snider and Bowler 1992)
Emydidae	pond turtles	
<i>Chrysemys p. picta</i>	eastern painted turtle	40+ (Wilbur 1975)
<i>Chrysemys p. marginata</i>	midland painted turtle	40+ (Wilbur 1975)

<i>Clemmys guttata</i>	spotted turtle	wild spotted turtles of both sexes have lived over 30 years in Pennsylvania (Ernst, pers. obs.)
<i>Clemmys insculpta</i>	wood turtle	wild <i>C. insculpta</i> have survived for more than 33 years (Ross et al. 1991), and captives to 58 years of age (Oliver 1955)
<i>Clemmys muhlenbergii</i>	bog turtle	a bog turtle has lived for 23 years, 1 month in captivity (Snider and Bowler 1992)
<i>Deirochelys r. reticularia</i>	eastern chicken turtle	20-24 years in wild (Gibbons 1987)
<i>Emydoidea blandingii</i>	Blanding's turtle	capable of living beyond 25 years (Gibbons 1987, Congdon and van Loben Sels 1993); oldest recorded turtle in wild was estimated at a minimum 77 years (Brecke and Moriarty 1989)
<i>Graptemys geographica</i>	northern map turtle	20+ yrs in wild (Ernst, pers. obs.); 18 yrs in capt (Snider and Bowler 1992)
<i>Graptemys ouachitensis</i>	Ouachita map turtle	10+ captive (Snider and Bowler 1992)
<i>Malaclemys terrapin terrapin</i>	northern diamond-backed terrapin	14 in capt. (Snider and Bowler 1992), 20 in FL (Seigel 1984), and >40 (Hildebrand 1932). Latter 2 estimates
<i>Pseudemys c. concinna</i>	eastern river cooter	One individual in captivity lived to 40 yrs, eight months, 4 days (Snider and Bowler 1992)
<i>Pseudemys c. floridana</i>	coastal plain cooter	12 years, six months, 9 days: capt. in Philadelphia Zoo (Snider and Bowler 1992)
<i>Pseudemys rubriventris</i>	northern red-bellied cooter	One wild-caught survived at the Brookfield Zoo for 11 yrs, two months, and 26 days (Snider and Bowler 1992)
<i>Terrapene c. carolina</i>	eastern box turtle	138 years in wild (Oliver 1955); some may live 80 yrs (Stickel 1978, Dundee & Rossman 1989), but few wild turtles live longer than 30-40 yrs (Stickel 1978, Ernst et al. 1994)
<i>Trachemys s. scripta</i>	yellow-bellied slider	37 years 9 months 10 days cap (Snider and Bowler 1992)
<i>Trachemys s. elegans</i>	red-eared slider	up to 30 years (Mitchell 1994)
<i>Trachemys s. troosti</i>	cumberland slider	up to 30 years (Mitchell 1994)
Kinosternidae	mud and musk turtles	
<i>Kinosternon s. subrubrum</i>	eastern mud turtle	a female, which was an adult when received, lived 38 years in captivity (Pope 1939); Gibbons thought the maximum survivorship in nature is probably over 30 years (Ernst et al. 1994)

<i>Kinosternon baurii</i>	striped mud turtle	a female captured in Florida when she was about 10 years old lived in captivity for 49 years, 7 months, and 13 days before having her life cut short in a fire (Johnson 1984)
<i>Sternotherus minor peltifer</i>	stripeneck musk turtle	the longevity record for this species is 23 years, 11 months for a male caught wild as a juvenile and subsequently kept at the Philadelphia Zoo (Snider and Bowler 1992)
<i>Sternotherus odoratus</i>	stinkpot or common musk turtle	a stinkpot lived for more than 54 years, 9 months in the Philadelphia Zoo (Snider and Bowler 1992)
Trionychidae	softshell turtles	
<i>Apalone m. mutica</i>	midland smooth softshell	Natural longevity is unrecorded, but surely some smooth softshells survive over 20 years in the wild. Captives have lived over 11 years in Ernst's laboratory (Ernst et al. 1994)
<i>Apalone s. spinifera</i>	eastern spiny softshell	a female spiny softshell lived 25 years, 2 months, and 17 days at the Racine Wisconsin Zoo (Snider and Bowler 1992); Breckenridge (1955) estimat[ed] a 43-cm female would be approximately 53 years old (Ernst et al. 1994)

Max Longevity Codes: State in years; can specify range or average if available. Specify if maximum longevity differs between males (M) and females (F)