

## Testudines

### HOME RANGE - What is the home range size for the species?

Species	Common Name	Home Range
<b>Cheloniidae</b>	<b>sea turtles</b>	
<i>Caretta c. caretta</i>	Atlantic loggerhead	Unk
<i>Chelonia m. mydas</i>	Atlantic green turtle	some populations are apparently resident in the breeding area and do not migrate to and from the nesting beach, but others have nesting and foraging areas that are widely separated (sometimes by over 1,000 km) (Ernst et al. 1994)
<i>Eretmochelys i. imbricata</i>	Atlantic hawksbill	Unk
<i>Lepidochelys kempii</i>	Kemp's ridley or Atlantic ridley	Unk
<b>Dermochelyidae</b>	<b>leatherback sea turtles</b>	
<i>Dermochelys c. coriacea</i>	Atlantic leatherback	Unk
<b>Chelydridae</b>	<b>snapping turtles</b>	
<i>Chelydra s. serpentina</i>	eastern snapping turtle	in Pennsylvania, nine adults...had estimated home ranges averaging 1.8 ha (Ernst 1968b)
<b>Emydidae</b>	<b>pond turtles</b>	
<i>Chrysemys p. picta</i>	eastern painted turtle	Unk (Zweifel 1989)
<i>Chrysemys p. marginata</i>	midland painted turtle	Unk (Zweifel 1989)
<i>Clemmys guttata</i>	spotted turtle	both males and females have mean home ranges of 0.50-0.53 ha (Ernst et al. 1994)
<i>Clemmys insculpta</i>	wood turtle	3.9 - 5.8 ha (Kaufmann 1995, Tuttle and Carroll 1997); mean home range size was 447 m (Ernst et al. 1994); Pennsylvania male and female wood turtles had home ranges of 2.5 ha and 0.07 ha, respectively (Ernst 1968b)
<i>Clemmys muhlenbergii</i>	bog turtle	in Maryland, home ranges of males (mean 0.176 ha) were significantly larger than those of females (mean 0.066 ha) (Chase et al. 1989); male Pennsylvania bog turtles also have larger home ranges (mean 1.33 ha) than females (mean 1.26 ha) (Ernst 1977)
<i>Deirochelys r. reticularia</i>	eastern chicken turtle	Unk
<i>Emydoidea blandingii</i>	Blanding's turtle	Wisconsin Emydoidea have well-defined, widely separated, activity centers...males did not differ significantly from adult females (mean 0.64 ha), juvenile females averaged 0.40 ha (Ross and Anderson 1990); about 7.8 ha (Piepgras and Lang 2000)
<i>Graptemys geographica</i>	northern map turtle	In a PA river: M - 2.1 km; F - 1.2 km (Pluto and Bellis 1988)

<i>Graptemys ouachitensis</i>	Ouachita map turtle	Some repeatedly caught in same place, so probably have est. home ranges, but size unknown (Ernst et al. 1994)
<i>Malaclemys terrapin terrapin</i>	northern diamond-backed terrapin	Unk
<i>Pseudemys c. concinna</i>	eastern river cooter	Between 1.2 and 1.6 ha in WV (Buhlmann and Vaughan 1991)
<i>Pseudemys c. floridana</i>	coastal plain cooter	Unk
<i>Pseudemys rubriventris</i>	northern red-bellied cooter	Unk
<i>Terrapene c. carolina</i>	eastern box turtle	the home ranges of Long Island, New York, <i>T. c. carolina</i> had a diameter of 228 m or less...in Maryland the average diameter of the ranges of adult males was 100.6 m, that of females 112.8 m (Ernst et al. 1994)
<i>Trachemys s. scripta</i>	yellow-bellied slider	.8 km (Cagle 1944)
<i>Trachemys s. elegans</i>	red-eared slider	Unk
<i>Trachemys s. troosti</i>	cumberland slider	Unk
<b>Kinosternidae</b>	<b>mud and musk turtles</b>	
<i>Kinosternon s. subrubrum</i>	eastern mud turtle	restricted movement suggests a limited aquatic home range, estimated to average 0.05 ha for both sexes (Mahmoud 1969)
<i>Kinosternon baurii</i>	striped mud turtle	Unk
<i>Sternotherus minor peltifer</i>	stripeneck musk turtle	Unk
<i>Sternotherus odoratus</i>	stinkpot or common musk turtle	Ernst (1986a) calculated the mean home range of Pennsylvania males to be 1.75 ha, and that of females, 0.94 ha (Ernst et al. 1994); home range is probably confined to one body of water (Ernst et al. 1994)
<b>Trionychidae</b>	<b>softshell turtles</b>	
<i>Apalone m. mutica</i>	midland smooth softshell	mean linear home-range length of males was 474 m; of subadult females, 750 m; and of adult females, 1,228 m (Plummer and Shirer 1975)
<i>Apalone s. spinifera</i>	eastern spiny softshell	Unk

**Home Range Codes:** State in m<sup>2</sup> or km<sup>2</sup>, Unk = unknown