

## **Population Structure of European Pond Turtles, *Emys Orbicularis* (Linnaeus, 1758) in Narta Lagoon (Vlora Bay, Albania)**

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**Abstract :** In this study was monitored the population of the European Pond Turtle, *Emys orbicularis* (Linnaeus, 1758) in the area of Narta Lagoon, Vlora Bay (Albania), from August to October 2014. A total of 54 individuals of *E. orbicularis* were studied using different methodologies. Curved Carapace Length (CCL), Plastron Length (PL) and Curved Carapace Width (CCW) were measured for each individual of *E. orbicularis* and were statistically analyzed. All captured turtles were separated in seven different size-classes based on their carapace length (CCL). Each individual of *E. orbicularis* was marked by notching the carapace (marginal scutes). From all individuals captured resulted that 37 were females (68.5%), 14 males (25.9%), 3 juveniles (5.5%), while 18 individuals of *E. orbicularis* were recaptured for the first and some for the second time.

**Keywords :** *Emys orbicularis*, female, juvenile, male, population, size-classes

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