



Diving physiology of Chelonians

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Many turtles are accomplished breath hold divers, but we know little about their diving physiology, and most earlier studies involved varying degrees of disturbance. I will review the response to diving in marine and freshwater turtles, and share some recent results from a study using self-contained data loggers to measure heart rate and blood oxygen depletion in freshwater sliders and marine loggerheads. I will also discuss the development of a new instrument to measure blood lactate.



Monday June 2nd at 10.15

coffee room at Zoophysiology, building 1131