

## BOOKS

1. Carrier, J. C., J. Musick, and M. R. Heithaus (eds.). 2010. *Sharks and Their Relatives II: Biodiversity, adaptive physiology, and conservation*. CRC Press, Boca Raton
2. DeSalle, R. and **M. R. Heithaus**. 2008. *Biology*. Holt, Reinhart, and Winston. Austin, TX.
3. Carrier, J. C., J. Musick, and **M. R. Heithaus** (eds). 2004. *The biology of sharks and their relatives*. CRC Press, Boca Raton.

## PEER-REVIEWED JOURNAL PUBLICATIONS

65. Heithaus, E.R., P. A. Heithaus, **M. R. Heithaus**, D. Burkholder, and C. A. Layman. 2011. Trophic dynamics in a relatively pristine subtropical fringing mangrove community. *Marine Ecology Progress Series* 428: 49-61.
64. Rosenblatt, A. E. and **M. R. Heithaus**. 2011. Does variation in movement tactics and trophic interactions among American alligators create habitat linkages? *Journal of Animal Ecology* 80: 786-798.
63. Wirsing, A. J., **M. R. Heithaus**, and L.M. Dill. 2011. Predator-induced modifications to diving behavior vary with foraging mode. *Oikos* 120: 1005-1012.
62. Vaudo, J. J. and **M. R. Heithaus**. 2011. Dietary niche overlap in a nearshore elasmobranch mesopredator community. *Marine Ecology Progress Series* 425: 247-260
61. Lewis, J. S., D. Wartzok, and **M. R. Heithaus**. 2011. Highly dynamic fission-fusion species can exhibit leadership when traveling. *Behavioral Ecology Sociobiology*: in press
60. Matich, P., **M. R. Heithaus**, and C. A. Layman. 2011. Contrasting patterns of individual specialization and trophic coupling in two marine apex predators. *Journal of Animal Ecology* 80: 294-305.
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55. Dunphy-Daly, M. M., **M. R. Heithaus**, A. J. Wirsing, J. S. F. Maradon, D. A. Burkholder. 2010. Predation risk influences the diving behavior of a marine mesopredator. *Open Journal of Ecology* 3: 8-15
54. Wirsing, A. J., K. Cameron, and **M. R. Heithaus**. 2010. Prey responses to predators vary with prey escape mode. *Animal Behavior* 79: 531-537.
53. Vaudo, J. J. and **M. R. Heithaus**. 2009. Spatiotemporal variability in a sandflat elasmobranch fauna in Shark Bay, Australia. *Marine Biology* 156: 2579-2590
52. Wirsing, A. J. and **M. R. Heithaus**. 2009. The measure of danger: olive-headed sea snakes (*Disteria major*) shift seagrass microhabitats to avoid predators. *Marine Ecology Progress Series* 387: 287-293.
51. **Heithaus, M. R.**, B. Delius, A. J. Wirsing, and M. M. Dunphy-Daly. 2009. Physical factors influencing the distribution of a top predator in a subtropical oligotrophic estuary.

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50. **Heithaus, M. R.**, A. J. Wirsing, D. Burkholder, J. Thomson, and L. M. Dill. 2009. Towards a predictive framework for predator risk effects: the interaction of landscape features and prey escape tactics. *Journal of Animal Ecology* 78: 556-562
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35. Wirsing, A. J., **M. R. Heithaus**, and L. M. Dill. 2007. Can you dig it? Use of excavation, a risky foraging tactic, by dugongs is sensitive to predation danger. *Animal Behavior* 74: 1085-1091
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  28. **Heithaus, M. R.** and L. M. Dill. 2006. Does tiger shark predation risk influence foraging habitat use by bottlenose dolphins at multiple spatial scales? *Oikos* 114:257-264.
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  24. **Heithaus, M. R.** 2005. Habitat use and group size of pied cormorants (*Phalacrocorax varius*) in a seagrass ecosystem: possible effects of food abundance and predation risk. *Marine Biology* 147: 27-35.
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  21. **Heithaus, M. R.** 2004. Fish communities of seagrass meadows and associated habitats in Shark Bay, Western Australia. *Bulletin of Marine Science* 75: 79-99.
  20. **Heithaus, M. R.** and A. Frid. 2003. Optimal diving under the risk of predation. *Journal of*

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19. Dill, L. M., **M. R. Heithaus**, and C. J. Walters. 2003. Behaviorally-mediated indirect interactions in marine communities and their conservation and implications. *Ecology* 84: 1151-1157.
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  6. Connor, R. C., **M. R. Heithaus**, P. Berggren, and J. L. Miksis. 2000. "Kerplunking": surface fluke-slaps during shallow water foraging by bottlenose dolphins. *Marine Mammal Science* 16: 646-653.
  5. Mann, J., R. C. Connor, L. M. Barre, and **M. R. Heithaus**. 2000. Female reproductive success in bottlenose dolphins (*Tursiops* sp.): life history, habitat, provisioning, and group-size effects. *Behavioral Ecology* 11: 210-219.

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2. **Heithaus, M. R.** and R. H. Laushman. 1997. Genetic variation and conservation of stream fishes: influence of ecology, life history, and water quality. *Canadian Journal of Fisheries and Aquatic Sciences* 54: 1822-1836.
1. Connor, R. C. and M. R. **Heithaus**. 1996. Great white shark approach elicits flight response in bottlenose dolphins. *Marine Mammal Science* 12: 602-606.

#### CHAPTERS IN BOOKS

8. **Heithaus, M. R.** and J. J. Vaudo. In press. Predator-prey interactions of sharks and their relatives. *In* Carrier, J. C., J. Musick, M. R. Heithaus (eds.) *The Biology of Sharks and Their Relatives, Second Edition*. CRC Press.
7. Vaudo, J. J. and **M. R. Heithaus**. in press. High trophic level consumers: elasmobranchs. *In* Wolanski E, McLusky D (Eds), *Treatise on Estuarine and Coastal Science: Trophic Structure of Estuaries and Coasts*. Elsevier Inc.
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4. **Heithaus, M. R.** and L. M. Dill. 2009. Feeding Tactics and Strategies. *In* Perrin, W. F., B. Würsig, and H. G. M. Thewissen (eds.). *The Encyclopedia of Marine Mammals, Second Edition*. Academic Press. pp 414-423
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#### GOVERNMENT REPORTS

1. Baird, R. W., M. B. Hansen, E. E. Ashe, **M. R. Heithaus**, and G. J. Marshall. 2003. Studies of foraging in “southern resident” killer whales during July 2002: dive depths, bursts in speed, and the use of a “Cittercam” system for examining sub-surface behavior. Report prepared under Order Number AB 133F-02-SE-1744 for the National Marine Mammal Laboratory, National Marine Fisheries Service, Seattle, WA.