

SELECTED LITERATURE CITATIONS ON PACIFIC (WESTERN) POND TURTLES

The following citations represent all the peer-reviewed literature on the biology of *Actinemys marmorata* and several important unpublished contributions. More complete bibliographies, including extensive unpublished literature (theses, dissertations, and reports) can be found at the following web sites:

<http://www.atlantismagazine.com/bettelheim/marmorata.html#s>
<http://www.pondturtle.com/ptm2.html>

- Alvarez, J. A. 2006. Use of artificial basking substrate to detect and monitor Pacific Pond Turtles (*Emys marmorata*). *Western North American Naturalist* 66:129-131.
- Banta, B. H. 1963. On the occurrence of *Clemmys marmorata* (Reptilia:Testudinata) in western Nevada. *Wasmann J. Biol.* 21:75-77.
- Bickham, J. W., J. B. Iverson, J.F. Parham, H. Philippen, A.G.J. Rhodin, H.B. Shaffer, P.Q. Sprinks, and P.P. Van Dijk. 2007. An annotated list of modern turtle terminal taxa with comments on areas of taxonomic instability and recent change. Pp. 173-199 *In* Shaffer, H.B., N.N. FitzSimmons, A. Georges, and A. G. J. Rhodin, Eds. *Defining Turtle Diversity: Proceedings of a Workshop on Genetics, Ethics, and Taxonomy of Freshwater Turtles and Tortoises*. Chelonian Research Monographs 4.
- Bury, R. B. 1963. Occurrence of *Clemmys marmorata* in north coastal California. *Herpetologica* 18:283.
- Bury, R. B. 1972. The effects of diesel fuel on a stream fauna. *California Department of Fish and Game Bulletin* 58:291-295.
- Bury, R. B. 1972. Habits and home range of the Pacific Pond Turtle, *Clemmys marmorata*, in a stream community. Unpublished Ph.D. Dissertation, University of California, Berkeley. 205 pp.
- Bury, R. B. 1979. Population ecology of freshwater turtles. Pp. 571-602 *In* Harless, M. and H. Morlock, Eds. *Turtles: Perspectives and Research*. John Wiley and Sons, New York. 695 pp.
- Bury, R. B. 1986. Feeding ecology of the turtle *Clemmys marmorata*. *Journal of Herpetology* 20:515-521.
- Bury, R. B., and D. J. Germano. 1998. Annual deposition of scute rings in the western pond turtle, *Clemmys marmorata*. *Chelonian Conservation and Biology* 3:108-109.
- Bury, R. B. and D. J. Germano. 2008. *Actinemys marmorata* (Baird and Girard 1852) – western pond turtle, Pacific pond turtle. *In*: Rhodin, A. G. J., P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann, and J. B. Iverson (eds.). *Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN-SSC Tortoise and*

- Freshwater Turtle Specialist Group. Chelonian Research Monographs No. 5, pp. 001.1-001.9.
- Bury, R. B., D. J. Germano, and G. W. Bury. 2010. Population structure and growth of the turtle *Actinemys marmorata* from the Klamath-Siskiyou ecoregion: Age, not size, matters. *Copeia* 2010:443-451.
- Bury, R. B., and J. H. Wolfheim. 1973. Aggression in free-living pond turtles (*Clemmys marmorata*). *BioScience* 23:659-662.
- Cook, D. G., and J. Martini-Lamb. 2004. Distribution and habitat use of Pacific pond turtles in a summer impounded river. *Transactions of the Western Section of the Wildlife Society* 40: 84-89.
- Feldman, C. R., and J. F. Parham. 2002. Molecular phylogenetics of emydine turtles: taxonomic revision and the evolution of shell kinesis. *Molecular Phylogenetics and Evolution* 22:388-398.
- Fritz, U., C. Schmidt, and C. H. Ernst. 2011. Competing generic concepts for Blanding's, Pacific and European pond turtles (*Emydoidea*, *Actinemys* and *Emys*)—Which is best? *Zootaxa* 2791:41-53.
- Germano, D. J. 2000. Occurrence of a colonial protozoan on the western pond turtle, *Clemmys marmorata*. *Herpetological Natural History* 7:67-71.
- Germano, D. J. 2010. Ecology of the western pond turtle (*Actinemys marmorata*) at sewage-treatment facilities in the San Joaquin Valley, California. *The Southwestern Naturalist* 55:89-97.
- Germano, D. J., and R. B. Bury. 1998. Age determination in turtles: evidence of annual deposition of scute rings. *Chelonian Conservation and Biology* 3:123-132.
- Germano, D. J., and R. B. Bury. 2001. Western pond turtles (*Clemmys marmorata*) in the Central Valley of California: status and population structure. *Transactions of the Western Section of The Wildlife Society* 37:22-36.
- Germano, D. J., and R. B. Bury. 2009. Variation in body size, growth, and population structure of *Actinemys marmorata* from lentic and lotic habitats in southern Oregon. *Journal of Herpetology* 43:510-520.
- Germano, D. J., and G. B. Rathbun. 2008. Growth, population structure, and reproduction of the Western Pond Turtle (*Actinemys marmorata*) on the central coast of California. *Chelonian Conservation and Biology* 7:188-194.
- Goodman, R. H., Jr. 1997. Occurrence of double clutching in the Southwestern pond turtle, *Clemmys marmorata pallida*, in the Los Angeles Basin. *Chelonian Conservation and Biology* 2:419-420.
- Goodman, R. H., Jr., and G. R. Stewart. 1998. *Clemmys marmorata pallida* (Southwestern pond turtle). Coprophagy. *Herpetological Review* 29:98.
- Goodman, R. H., Jr., and G. R. Stewart. 2000. Aquatic home ranges of female western pond turtles, *Clemmys marmorata*, at two sites in Southern California. *Chelonian Conservation and Biology* 3:743-745.
- Gray, E. M. 1995. DNA fingerprinting reveals a lack of genetic variation in northern populations of the western pond turtle (*Clemmys marmorata*). *Conservation Biology* 9:1244-1255.

- Hill, P. M. 2006. *Actinemys marmorata* (Western pond turtle): Neonates. Herpetological Review. 37:76.
- Holland, D. C. 1985b. Western pond turtle (*Clemmys marmorata*): Feeding. Herpetological Review 16:112-113.
- Holland, D. C. 1988. Western pond turtle (*Clemmys marmorata*): Behavior. Herpetological Review 19:87
- Holland, D. C. 1994. The Western pond turtle: Habitat and history. Unpublished Final Report. Portland, OR: U.S. Department of Energy, Bonneville Power Administration.
<http://www.efw.bpa.gov/Environment/EW/EWP/DOCS/REPORTS/WILDLIFE/W62137-1.pdf>
- Lardie, R. L. 1975. Notes on eggs and young of *Clemmys marmorata marmorata* (Baird and Girard). Occasional Papers, Museum of Natural History, University of Puget Sound 47:654.
- Lovich, J., and K. Meyer. 2002. The western pond turtle (*Clemmys marmorata*) in the Mojave River, California, U.S.A.: highly adapted survivor or tenuous relict? Journal of Zoology, London 256:537-545.
- Lovich, R. E., T. S. Akre, J. Blackburn, T. Robinson, and C. Mahrtdt. 2007. *Actinemys marmorata* (Pacific pond turtle). MEXICO: BAJA CALIFORNIA NORTE. Herpetological Review 38:216-217.
- Lubcke, G. M. 2006. *Actinemys marmorata* (Pacific pond turtle). Size. Herpetological Review 37:339.
- Lubcke, G. M., and D. Wilson. 2007. Variation in shell morphology of the western pond turtle (*Actinemys marmorata* Baird and Girard) from three aquatic habitats in Northern California. Journal of Herpetology 41:107-114.
- Polo-Cavia, N., T. Engstrom, P. López, and J. Martín. 2010. Body condition does not predict immunocompetence of Western Pond Turtles in altered versus natural habitats. Animal Conservation 13:256-264.
- Rathbun, G. B., N. Seipel and D. C. Holland. 1992. Nesting behavior and movements of western pond turtles, *Clemmys marmorata*. The Southwestern Naturalist 37:319-324.
- Rathbun, G. B., N. J. Scott, Jr., and T. G. Murphey. 2002. Terrestrial habitat use by Pacific pond turtles in a Mediterranean climate. The Southwestern Naturalist 47:225-235.
- Reese, D. A., and H. H. Welsh, Jr. 1997. Use of terrestrial habitat by Western Pond Turtles, *Clemmys marmorata*: Implications for management. Pp. 352-357 *In* Van Abbema, J., Ed. Proceedings: Conservation, Restoration, and Management of Tortoises and Turtles - An International Conference. New York Turtle and Tortoise Society.
- Reese, D. A., and H. H. Welsh Jr. 1998a. Habitat use by Western Pond Turtles in the Trinity River, California. Journal of Wildlife Management 62:842-853.
- Reese, D. A., and H. H. Welsh Jr. 1998b. Comparative demography of *Clemmys marmorata* populations in the Trinity River of California in the context of dam-induced alterations. Journal of Herpetology 32:505-515.

- Scott, N. J., G. B. Rathbun, T. G. Murphey, and M. B. Harker. 2008. Reproduction of Pacific pond turtles (*Actinemys marmorata*) in coastal streams of central California. *Herpetological Conservation and Biology* 3:143-148.
- Seeliger, L. M. 1945. Variation in the Pacific mud turtle, *Clemmys marmorata*. *Copeia* 1945: 150-159.
- Spinks, P. Q., G. B. Pauly, J. J. Crayon and H. B. Shaffer. 2003. Survival of the western pond turtle (*Emys marmorata*) in an urban California environment. *Biological Conservation* 113:257-267.
- Spinks, P. Q., and H. B. Shaffer. 2005. Range-wide molecular analysis of the western pond turtle (*Emys marmorata*): cryptic variation, isolation by distance, and their conservation implications. *Molecular Ecology* 14:2047-2064.
- Spinks, P. Q., and H. B. Shaffer. 2009. Conflicting mitochondrial and nuclear phylogenies for the widely disjunct *Emys* (Testudines: Emydidae) species complex, and what they tell us about biogeography and hybridization. *Systematic Biology* 58:1-20.
- Spinks, P. Q., R. C. Thomson, and H. B. Shaffer. 2010. Nuclear gene phylogeography reveals the historical legacy of an ancient inland sea on lineages of the western pond turtle, *Emys marmorata* in California. *Molecular Ecology* 19:542-556.
- Stebbins, R. C. 2003. *A Field Guide to Western Reptiles and Amphibians*. Houghton-Mifflin Co., Boston, MA. 533 pp.
- Storer, T. I. 1930. Notes on the range and life-history of the Pacific fresh-water turtle, *Clemmys marmorata*. *University of California, Publications in Zoology* 32:429-441.
- Vander Haegen, W. M., S. L. Clark, K. M. Perillo, D. P. Anderson, and H. L. Allen. 2009. Survival and causes of mortality of head-started Western Pond Turtles on Pierce National Wildlife Refuge, Washington. *Journal of Wildlife Management* 73:1402-1406.
- Welsh, H. H. 1988. An ecogeographic analysis of the herpetofauna of the Sierra San Pedro Martir region, Baja California, with a contribution to the biogeography of the Baja California herpetofauna. *Proceedings of the California Academy of Sciences* 46:1-72.

David Germano & Galen Rathbun
4 June 2011