

## References

- Ashton, R. E., Jr., and P. S. Ashton. 1988a. Handbook of reptiles and amphibians of Florida, part 3: The amphibians. Windward Publ., Inc., Miami, Florida.
- \_\_\_\_\_. 1988b. Handbook of reptiles and amphibians of Florida, part 1: The snakes, 2nd ed. Windward Publ., Inc., Miami, Florida.
- \_\_\_\_\_. 1991. Handbook of reptiles and amphibians of Florida, part 2: Lizards, turtles & crocodilians, 2nd ed. Windward Publ., Inc., Miami, Florida.
- Barbour, D. B., and S. R. Humphrey. 1982. Status and habitat of the Key Largo woodrat and cotton mouse (*Neotoma floridana smalli* and *Peromyscus gossypinus allapaticola*). J Mammal. 63:144-148.
- Barnwell, M. E., P. A. Meylan, and T. Walsh. 1997. The spotted turtle (*Clemmys guttata*) in central Florida. Chelonian Cons. Biol. 2:405-408.
- Bartlett, R. D., and P. P. Bartlett. 1999. A field guide to Florida reptiles and amphibians. Gulf Publ. Co., Houston, Texas.
- Berner, L., and M. L. Pescador. 1988. The mayflies of Florida. Univ. Presses of Florida, Gainesville.
- Birkenholz, D. E. 1963. A study of the life history and ecology of the round-tailed muskrat (*Neofiber alleni*). Ecolog. Monogr. 33:225-280.
- Bortone, S. A. 1989. *Notropis melanostomus*, a new species of cyprinid fish from the Blackwater-Yellow River drainage of northwest Florida. Copeia 3:737-741.
- \_\_\_\_\_. 1993. Life history, habitat assessment, and systematics of the blackmouth shiner (*Notropis* sp.), Blackwater River drainage. Final Rep. Nongame Wildl. Prog., Florida Game and Fresh Water Fish Comm., Tallahassee.
- Bouchard, R. W. 1978. Taxonomy, ecology and phylogeny of the subgenus *Depressicambarus*, with the description of a new species from Florida and redescriptions of *Cambarus graysoni*, *Cambarus latimanus*, and *Cambarus striatus* (Decapoda: Cambaridae). Bull. Alabama Mus. Nat. Hist. 3:27-60.
- Bowen, P. J. 2000. Demographic, distribution, and metapopulation analyses of the burrowing owl (*Athene cunicularia*) in Florida. M.S. thesis, Univ. Central Florida, Orlando.
- Brady, J. T., T. H. Kunz, M. D. Tuttle, and D. E. Wilson. 1982. Gray bat recovery plan. U.S. Fish Wildl. Serv., Denver, Colorado.
- Brim Box, J., and J. D. Williams. 2000. Unionid mollusks of the Apalachicola Basin in Alabama, Florida, and Georgia. Bull. Alabama Mus. Nat. Hist. 21:1-143.
- Brody, R. W. 1990. Status of habitat and populations of *Procambarus pictus* in the North Fork of Black Creek, Clay County, Florida. St. Johns River Water Management District, Palatka, Florida.
- Brown, L. N. 1997. A guide to the mammals of the southeastern United States. Univ. Tennessee Press, Knoxville.
- Brown, W. S. 1993. Biology, status, and management of the timber rattlesnake (*Crotalus horridus*): a guide for conservation. Soc. Stud. Amphib. Rept. Herp. Circ. 22.
- Carle, F. L., and M. L. May. 1987. *Gomphus (Phanogomphus) westfalli* spec. nov. from the Gulf coast of Florida (Anisoptera: Gomphidae). Odonatologica 16:67-75.
- Chace, F. A., Jr. 1954. Two subterranean shrimps (Decapoda: Caridea) from Florida and the West Indies, with a revised key to the American species. J. Washington Acad. Sci. 44:318-324.
- Chafin, L. 2000. Field guide to the rare plants of Florida. Florida Natural Areas Inventory, Tallahassee.

- Chase, C. A., and J. A. Gore. 1989. Snowy plover breeding distribution. Unpubl. final rept., Florida Fish and Wildl. Conserv. Comm., Tallahassee.
- Choate, P. M. 1984. A new species of *Cicindela* Linnaeus (Coleoptera: Cicindelidae) from Florida, and elevation of *C. abdominalis scabrosa* Schaupp to species level. *Entomol. News* 95:73-82.
- Conant, R., and J. T. Collins. 1991. A field guide to reptiles and amphibians: eastern and central North America, 3rd ed. Houghton Mifflin, Boston.
- Cox, J., D. Inkley, and R. Kautz. 1987. Ecology and habitat protection needs of gopher tortoise (*Gopherus polyphemus*) populations found on lands slated for large-scale development in Florida. Nongame Wildlife Prog. Tech. Rep. no. 4, Florida Game and Fresh Water Fish Comm., Tallahassee.
- Crance, J. H. 1986. Habitat suitability index models and instream flow suitability curves: shortnose sturgeon. U. S. Fish Wildl. Serv. Biol. Rep. 82(10.129).
- Deitz, D. C., and T. C. Hines. 1980. Alligator nesting in north-central Florida. *Copeia* 1980:249-258.
- Delany, M. F., and C. L. Abercrombie. 1986. American alligator food habits in north-central Florida. *J. Wildl. Manag.* 50:348-353.
- Delany, M. F., P.B. Walsh, B. Pranty, and D.W. Perkins. 1999. A previously unknown population of Florida grasshopper sparrow on Avon Park Air Force Range. *Florida Field Nat.* 27(2):52-56.
- Deyrup, M., and R. Franz (eds.). 1994. Rare and endangered biota of Florida, vol. IV: Invertebrates. Univ. Press of Florida, Gainesville.
- Dodd, C. K., Jr. 1988. Synopsis of the biological data on the loggerhead sea turtle *Caretta caretta* (Linnaeus 1758). U.S. Fish Wildl. Serv. Biol. Rep. 88(14).
- Duggins, C. F., Jr., A. A. Karlin, K. Relyea, and R. W. Yerger. 1986. Systematics of the key silverside, *Menidia conchorum*, with comments on other *Menidia* species (Pisces: Atherinidae). *Tulane Stud. Zool. Bot.* 25(2):133-150.
- Dunkle, S. W. 1989. Dragonflies of the Florida Peninsula, Bermuda and the Bahamas. Scientific Publishers, Gainesville, Florida.
- \_\_\_\_\_. 2000. Dragonflies through binoculars: A field guide to the dragonflies of North America. Oxford Univ. Press, New York.
- Dunn, J. 1999. National Geographic Society field guide to the birds of North America. 3rd ed. National Geographic Soc., Washington, D.C.
- Emmel, T. C., and M. C. Minno. 1988. Habitat requirements and status of the endemic Schaus swallowtail in the Florida Keys. Final report, Florida Game and Fresh Water Fish Comm., Tallahassee.
- Engel, K. M., M. M. Bentzien, and F. Percival. 1986. Florida scrub lizard status survey. Tech. Rept. No. 26 to U.S. Fish Wildl. Serv., Jacksonville End. Sp. Office, Florida.
- Ernst, C. H., and R. W. Barbour. 1989. Snakes of eastern North America. George Mason Univ. Press, Fairfax, Virginia.
- Ernst, C. H., J. E. Lovich, and R. W. Barbour. 1994. Turtles of the United States and Canada. Smithsonian Inst. Press, Washington, D.C.
- Ewert, M. A., and D. R. Jackson. 1994. Nesting ecology of the alligator snapping turtle (*Macrolemys temminckii*) along the lower Apalachicola River, Florida. Final Rep. NG89-020, Nongame Wildlife Prog. Florida Game and Fresh Water Fish Comm., Tallahassee.
- Fitzpatrick, J. W., G. E. Woolfenden, and M. T. Kopeny. 1991. Ecology and development-related habitat requirements of the Florida scrub jay (*Aphelocoma coerulescens coerulescens*). Nongame Wildlife Prog. Tech. Rep. no. 8, Florida Game and Fresh Water Fish Comm., Tallahassee.

- Florida Fish and Wildlife Conservation Commission. 2001. Eagle nest locator. <<http://wld.fwc.state.fl.us/eagle/eaglenests/>>. Accessed 8 May 2001.
- Florida Natural Areas Inventory. 1990. Guide to the natural communities of Florida. Florida Natural Areas Inventory and Florida Dept. Natural Resources, Tallahassee.
- Franz, R. 1986. The Florida gopher frog and the Florida pine snake as burrow associates of the gopher tortoise in northern Florida. Pp. 16-20 in D. R. Jackson and R. J. Bryant (eds.). The gopher tortoise and its community. Proc. 5<sup>th</sup> Ann. Mtg. Gopher Tortoise Council, Gainesville, Florida.
- Franz, R., and L. M. Franz. 1979. Distribution, habitat preference and status of populations of the Black Creek crayfish, *Procambarus (Ortmannicus) pictus* (Decapoda: Cambaridae). Florida Sci. 42:13-17.
- Franz, R., and L. L. Smith. 1999. Distribution and status of the striped newt and Florida gopher frog in peninsular Florida. Final Rep. Florida Fish and Wildl. Cons. Comm., Tallahassee.
- Gaby, R., M. P. McMahon, F. J. Mazzotti, W. N. Gillies, and J. R. Wilcox. 1985. Ecology and status of a population of *Crocodylus acutus* (Reptilia: Crocodylidae) at a power plant site in Florida. J. Herpetol. 19:189-198.
- Georgia Department of Natural Resources. 1999. Protected animals of Georgia. Nongame - Endangered Wildlife Program, Wildlife Res. Div., Georgia Dept. Nat. Res., Social Circle.
- Gilbert, C. R. (ed.). 1978. Rare and endangered biota of Florida, vol. 4: Fishes. Univ. Presses of Florida, Gainesville.
- \_\_\_\_ (ed.). 1992. Rare and endangered biota of Florida, vol. II: Fishes. Univ. Press of Florida, Gainesville.
- Glassberg, J., M. C. Minno, and J. V. Calhoun. 2000. Butterflies through binoculars: a field, finding, and gardening guide to butterflies in Florida. Oxford Univ. Press, New York.
- Gordon, M. E., and W. R. Hoeh. 1993. *Anodonta heardi*, a new species of freshwater mussel (Bivalvia:Unionidae) from the Apalachicola River system of the southeastern United States. Walkerana 7:265-273.
- Gore, J. A., and M. J. Kinnison. 1991. Hatching success in roof and ground colonies of least terns. The Condor 93:759-762.
- Guillory, V. 1979. Lake Eustis pupfish investigations. Florida Game and Fresh Water Fish Commission 1977-1979 Final Report: Study 1-N. Tallahassee.
- Guillory, V., and W. E. Johnson. 1986. Habitat, conservation status, and zoogeography of the cyprinodont fish, *Cyprinodon variegatus hubbsi* (Carr). The Southwestern Nat. 31(1):95-100.
- Hall, E. R. 1981. Mammals of North America. 2<sup>nd</sup> ed. John Wiley and Sons, New York.
- Harvey, M. J. 1992. Bats of the eastern United States. Arkansas Game and Fish Comm., Little Rock.
- Hersh, S.L. 1981. Ecology of the Key Largo woodrat (*Neotoma floridana smalli*). J. Mammal. 62:201-206.
- Hirth, H. F. 1971. Synopsis of the biological data on the green turtle *Chelonia mydas* (Linnaeus) 1758. FAO Fish. Synopsis 85.
- Hobbs, H. H., Jr. 1942. The crayfishes of Florida. Univ. Florida Publ., Biol. Sci. Ser. 3(2):1-179.
- Hoehn, T. S. 1998. Rare and imperiled fish species of Florida: a watershed perspective. Office Envir. Serv., Florida Game and Fresh Water Fish Comm., Tallahassee.

- Hovis, J. A., and M. S. Robson. 1989. Breeding status and distribution of the least tern in the Florida Keys. *Florida Field Nat.* 17(3):61-66.
- Humphrey, S. R. (ed.). 1992. Rare and endangered biota of Florida, vol. I: Mammals. Univ. Press of Florida, Gainesville
- Humphrey, S. R. 1988. Density estimates of the endangered Key Largo woodrat and cotton mouse (*Neotoma floridana smalli* and *Peromyscus gossypinus allapaticola*) using the nested-grid approach. *J. Mammal.* 69(3):524-531.
- Humphrey, S. R., and H. W. Setzer. 1989. Geographic variation and taxonomic revision of mink (*Mustela vison*) in Florida. *J. Mammal.* 17:382-392.
- Hurst, H. N., G. Bass, and C. Hubbs. 1975. The biology of the Guadalupe, Suwannee, and redeye basses. Pp. 47-53 in R. H. Stroud and H. Clepper (eds.). Black bass biology and management. Sport Fishing Institute, Washington, D.C.
- Jackson, D. R., and R. Franz. 1999. Survey for the fire-back crayfish in the Apalachicola ravine system, northern Florida. Final report to The Nature Conservancy. Florida Natural Areas Inventory, Tallahassee.
- Jackson, D. R., and E. G. Milstrey. 1989. The fauna of gopher tortoise burrows. Pp. 86-98 in J. E. Diemer, D. R. Jackson, J. L. Landers, J. N. Layne, and D. A. Wood, eds. Gopher Tortoise Relocation Symposium Proceedings. Nongame Wildl. Program Tech. Rep. no. 5. Florida Game and Fresh Water Fish Comm., Tallahassee.
- Jackson, D. R., and R. N. Walker. 1997. Reproduction in the Suwannee cooter, *Pseudemys concinna suwanniensis*. *Bull. Florida Mus. Nat. Hist.* 41:69-167
- Jackson, J. F. 1973. Distribution and population phenetics of the Florida scrub lizard, *Sceloporus woodi*. *Copeia* 1973:746-761.
- Jackson, J. F., and S. R. Telford. 1974. Reproductive ecology of the Florida scrub lizard, *Sceloporus woodi*. *Copeia* 1974:689-694.
- James, F. C. 1991. Signs of trouble in the largest remaining population of red-cockaded woodpeckers. *Auk* 108:419-423.
- Johnson, S. A. 2001. Autecology of the striped newt (*Notophthalmus perstriatus*): life-history, upland-habitat use, paedomorphosis, and conservation genetics. Ph.D. diss., Univ. Florida, Gainesville.
- Kale, H. W., II. (ed.). 1978. Rare and endangered biota of Florida. Vol. 2. Birds. Univ. Presses of Florida, Gainesville.
- Kale, H. W., II., B. Pranty, B. Stith, and W. Biggs. 1992. An atlas of Florida's breeding birds. Final Rep. Nongame Wildlife Prog., Florida Game and Fresh Water Fish Comm., Tallahassee.
- Keppner, E. J., and L. A. Keppner. 2000. A preliminary search for the Panama City crayfish, *Procambarus (Leconticambarus) econfinae*, Hobbs, 1942, in Bay County, Florida. Report to U.S. Fish Wildl. Serv., Panama City, Florida.
- Knisley, C. B., and J. M. Hill. 1994. Studies of the Florida Highlands tiger beetle, *Cicindela highlandensis*: distribution, abundance, habitat characteristics and biology. Report to U.S. Fish Wildl. Serv., Jacksonville, Florida.
- \_\_\_\_\_. 1996. The Florida Highlands tiger beetle, *Cicindela highlandensis*: habitat requirements, remaining range, life history, and management. Final Rep. Florida Nongame Wildlife Prog. NG91-012, Florida Game and Fresh Water Fish Comm., Tallahassee.
- Kulhavy, D. L., R. G. Hooper, and R. Costa (eds.). 1995. Red-cockaded woodpecker: recovery, ecology, and management. Center for Applied Studies in Forests, College of Forestry, Stephen F. Austin State Univ., Nacogdoches, Texas.

- Kushlan, J. A. 1974. Observations on the role of the American alligator (*Alligator mississippiensis*) in the southern Florida wetlands. *Copeia* 1974:993-996.
- \_\_\_\_\_, and F. J. Mazzotti. 1989. Population biology of the American crocodile. *J. Herpetol.* 23:7-21.
- Lazell, J. D., Jr. 1989. *Wildlife of the Florida Keys: a natural history*. Island Press, Washington, D.C.
- Layne, J. N. 1990. The Florida mouse. Pp. 1-21 in C. K. Dodd, Jr., R. E. Ashton, Jr., R. Franz, and E. Wester (eds.). *Burrow Associates of the Gopher Tortoise. Proc. 8<sup>th</sup> Ann. Mtg. Gopher Tortoise Council. Florida Mus. Nat. Hist., Gainesville.*
- Loftin, R. W. 1992. Use of nest boxes by the Florida kestrel. *Florida Field Nat.* 20(3):57-64.
- McMillian, M. 2001. Florida Important Bird Areas Program, site nomination form - Lake Istokpoga, Audubon of Florida, Tampa Bay Sanctuaries.
- McNair, D. B., and J. A. Gore. 1999. Recent breeding status of royal and sandwich terns in northwest Florida. *Florida Field Nat.* 27(3):117-120.
- Maehr, D. S. 1987. Florida panther movements, social organization, and habitat utilization. E-1-11 annual performance report. Florida Fish and Wildl. Cons. Comm., Tallahassee.
- Martin, W. H., and D. B. Means. 1998. Distribution and habitat relationships of the eastern diamondback rattlesnake (*Crotalus adamanteus*). *Herpetological Nat. Hist.* 7:9-34.
- Means, D. B. 1975. Competitive exclusion along a habitat gradient between two species of salamanders (*Desmognathus*) in western Florida. *J. Biogeog.* 2:253-263.
- Means, D. B., and A. A. Karlan. 1989. A new species of *Desmognathus* from the eastern Gulf Coastal Plain. *Herpetologica* 45:37-46.
- Means, D. B., and C. J. Longden. 1970. Observations on the occurrence of *Desmognathus monticola* in Florida. *Herpetologica* 26:396-399.
- \_\_\_\_\_. 1976. Aspects of the biology and zoogeography of the pine barrens treefrog, *Hyla andersonii*, in northern Florida. *Herpetologica* 32:117-130.
- Means, D. B., and P. E. Moler. 1979. The pine barrens treefrog: fire, seepage bogs, and management implications. Pp. 77-83 in R. R. Odom and L. Landers (eds.). *Proc. rare and endangered wildlife symposium. Georgia Dept. Nat. Res., Game and Fish Div. Tech. Bull. WL-4.*
- Meylan, A. B. 1999. Status of the hawksbill turtle (*Eretmochelys imbricata*) in the Caribbean region. *Chelonian Cons. Biol.* 3:177-184.
- \_\_\_\_\_, and M. Donnelly. 1999. Status justification for listing the hawksbill turtle (*Eretmochelys imbricata*) as Critically Endangered on the 1996 *IUCN Red List of Threatened Animals*. *Chelonian Cons. Biol.* 3:200-224.
- Mettee, M. F., P. E. O'Neil, and J. M. Pierson. 1996. *Fishes of Alabama and the Mobile Basin*. Oxmoor House, Inc., Birmingham, Alabama.
- Minno, M. C., and D. Pierce. 1999. *Florida butterfly gardening: A complete guide to attracting, identifying, and enjoying butterflies of the lower south*. Univ. Press of Florida, Gainesville.
- Mitchell, J. C. 1977. Geographic variation of *Elaphe guttata* (Reptilia: Serpentes) in the Atlantic coastal plain. *Copeia* 1977:33-41.

- Moler, P. E. 1981. Notes on *Hyla andersonii* in Florida and Alabama. *J. Herpetol.* 15:441-444.
- \_\_\_\_\_. 1985. A new species of frog (Ranidae: *Rana*) from northwestern Florida. *Copeia* 1985:379-383.
- \_\_\_\_\_. (ed.). 1992. Rare and endangered biota of Florida, vol. III: Amphibians and reptiles. Univ. Press of Florida, Gainesville.
- \_\_\_\_\_. 1996. Alligator snapping turtle: distribution and relative abundance. Final report 7544. Florida Game and Fresh Water Fish Comm., Tallahassee.
- Mount, R. H. 1975. The reptiles and amphibians of Alabama. Auburn Univ. Agric. Exp. Station, Auburn, Alabama.
- Myers, R. L., and J. J. Ewel (eds.) 1990. Ecosystems of Florida. Univ. Central Florida Press, Orlando.
- Neill, W. T. 1971. The last of the ruling reptiles: alligators, crocodiles, and their kin. Columbia Univ. Press, New York.
- Page, L. M., and B. M. Burr. 1998. A field guide to freshwater fishes: North America north of Mexico, 2nd ed. Houghton Mifflin, Boston.
- Paul, R. T. 1991. Status report – *Egretta rufescens* (Gmelin) reddish egret. U.S. Fish Wildl. Serv., Houston, Texas.
- \_\_\_\_\_, and A. F. Schnapf. 2000. Florida Important Bird Areas Program, site nomination form - Passage Key National Wildlife Refuge, Audubon of Florida, Tampa Bay Sanctuaries.
- Pennak, R. W. 1978. Fresh-water invertebrates of the United States. 2nd ed. John Wiley and Sons, New York.
- Peterson, R.T. 1998. Peterson field guide to eastern birds. 4th ed. Houghton Mifflin, Boston.
- Petranka, J. W. 1998. Salamanders of the United States and Canada. Smithsonian Inst. Press, Washington, D.C.
- Pilsbry, H. A. 1946. Land Mollusca of North America, Vol. 2, part 1. Monograph of the Academy of Natural Sciences, Philadelphia.
- Pimm, S. (ed.). 2000. The 2000 Cape Sable sparrow annual report. <<http://web.utk.edu/~grussell/cssshtml/csss.html>> Accessed 2001 May 8.
- Poole, A., and F. Gill (eds.). 1992-2000. The birds of North America. The Academy of Natural Sciences, Philadelphia, and The American Ornithologists' Union, Washington, D.C.
- Post, W., and J. S. Greenlaw. 2000. The present and future of the Cape Sable seaside sparrow. *Florida Field Nat.* 28(3):93-110.
- Pranty, B. 1996. A birder's guide to Florida. American Birding Association, Inc., Colorado Springs, Colorado.
- Printiss, D. J., and D. L. Hipes. 1999. Rare amphibian and reptile survey of Eglin Air Force Base, Florida. Final report to U.S. Dept. of Defense. Florida Natural Areas Inventory, Tallahassee.
- Pritchard, P. C. H. 1989. The alligator snapping turtle: biology and conservation. Milwaukee Publ. Mus., Milwaukee, Wisconsin.
- Quay, T. L., J. B. Funderburg, Jr., D. S. Lee, E. F. Potter, and C. S. Robbins (eds.). 1983. The seaside sparrow, its biology and management. Occ. Papers, North Carolina Biol. Surv. North Carolina State Mus. Nat. Hist., Raleigh.
- Relyea, K., and B. Sutton. 1975. A new troglobitic crayfish of the genus *Procambarus* from Florida. (Decapoda: Astacidae). *Tulane Stud. Zool. Bot.* 19(1-2):8-16.

- Rice, D. W. 1957. Life history and ecology of *Myotis austroriparius* in Florida. J. Mammal. 38:15-32.
- Robbins, C. S., B. Bruun, and H. S. Zim. 2001. Birds of North America: a guide to field identification. St. Martin's Press, New York.
- Rodgers, J. A., and H. T. Smith. 1995. Set-back distances to protect nesting bird colonies from human disturbance in Florida. Conserv. Biol. 9:89-99.
- Rodgers, J. A., Jr., H. W. Kale II, and H. T. Smith (eds.). 1996. Rare and endangered biota of Florida, vol. V: Birds. Univ. Press of Florida, Gainesville.
- Robertson, W. B., Jr., and G. E. Woolfenden. 1992. Florida bird species: an annotated list. Florida Ornithol. Soc. Spec. Pub. no. 6: ix + 260.
- Roosenburg, W. M. 2000. Impact of a bycatch reduction device on diamondback terrapin and blue crab capture in crab pots. Ecol. Applic. 10:882-889.
- Ross, J. P., S. Beavers, D. Mundell, and M. Airth-Kindree. 1989. The status of Kemp's ridley. Center Marine Conserv., Washington, D.C.
- Runde, D., J. Gore, J. Hovis, M. Robson, and P. Southall. 1991. Florida atlas of breeding sites for herons and their allies: update 1986 - 1989. Nongame Wildlife Program Tech. Rep. no. 10. Florida Game and Fresh Water Fish Comm., Tallahassee.
- Semlitsch, R. D. 1983. Structure and dynamics of two breeding populations of the eastern tiger salamander, *Ambystoma tigrinum*. Copeia 1983:608-616.
- Shealy, R. M. 1976. The natural history of the Alabama map turtle, *Graptemys pulchra* Baur, in Alabama. Bull. Florida State Mus., Biol. Sci. 21:47-11.
- Shriver, G. W., P. D. Vickery, and S. A. Hedges. 1996. Effects of summer burns on Florida grasshopper sparrows. Florida Field Nat. 24(3):68-73.
- Sibley, D. A. 2000. The Sibley guide to birds. Alfred A. Knopf, New York.
- Spotila, J. R., A. E. Dunham, A. J. Leslie, A. C. Steyermark, P. T. Plotkin, and F. V. Paladino. 1996. Worldwide population decline of *Dermochelys coriacea*: are leatherback turtles going extinct? Chelonian Cons. Biol. 2:209-222.
- Sprandel, G. L., J. A. Gore, and D. T. Cobb. 1997. Winter shorebird survey. Florida Game and Fresh Water Fish Comm. Final Perf. Rep. Tallahassee.
- Stevenson, H. M. 1970. Occurrence of the carpenter frog in Florida. Quart. J. Florida Acad. Sci. 32:233-235.
- \_\_\_\_\_, and B. H. Anderson. 1994. The birdlife of Florida. Univ. Press of Florida, Gainesville.
- Stys, B. 1993. Ecology and habitat protection needs of the southeastern American kestrel (*Falco sparverius paulus*) on large-scale development sites in Florida. Nongame Wildl. Prog. Tech. Rep. no. 13. Florida Game and Fresh Water Fish Comm., Tallahassee.
- Telford, S. R. 1959. A study of the sand skink, *Neoseps reynoldsi*. Copeia 1959:100-119.
- Tenant, A. 1997. A field guide to snakes of Florida. Gulf Publ. Co., Houston, Texas.
- Timmerman, W. W. 1989. Home range, habitat use and behavior of the eastern diamondback rattlesnake. M. S. thesis, Univ. Florida, Gainesville.
- Thaxton, J. E., and T. M. Hingtgen. 1996. Effects of suburbanization and habitat fragmentation on Florida scrub-jay dispersal. Florida Field Nat. 24(2):25-37.
- Toland, B. 1999a. Nesting success and productivity of Florida sandhill cranes on natural and developed sites in southeastern Florida. Florida Field Nat. 27(1):10-13.

- \_\_\_\_\_. 1999b. Nest site characteristics, breeding phenology, and nesting success of American oystercatchers in Indian River County, Florida. *Florida Field Nat.* 27(3):112-116.
- Tuberville, T D., J. R. Bodie, J. B. Jensen, L. LaClaire, and J. W. Gibbons. 2000. Apparent decline of the southern hog-nosed snake, *Heterodon simus*. *J. Elisha Mitchell Soc.* 116:19-40.
- U.S. Fish and Wildlife Service. 1982. Stock Island tree snail recovery plan. U.S. Fish Wildl. Serv., Atlanta, Georgia.
- \_\_\_\_\_. 1984. American crocodile recovery plan (revised). U.S. Fish Wildl. Serv., Atlanta, Georgia.
- \_\_\_\_\_. 1987. Endangered and threatened wildlife and plants; proposed threatened status for two Florida lizards. *Fed. Reg.* 52(13):2242-2246.
- \_\_\_\_\_. 1998a. Endangered and threatened wildlife and plants; 90-day finding for a petition to delist the Squirrel Chimney cave shrimp. *Fed. Reg.* 63:67618-67619.
- \_\_\_\_\_. 1998b. Endangered and threatened wildlife and plants; determination of endangered status for five freshwater mussels and threatened status for two freshwater mussels from the eastern Gulf Slope drainages of Alabama, Florida, and Georgia. *Fed. Reg.* 63(50):12664-12687.
- \_\_\_\_\_. 1998c. Okaloosa darter (*Etheostoma okaloosae*) recovery plan (revised). U.S. Fish Wildl. Serv. Atlanta, Georgia.
- \_\_\_\_\_. 1999a. Endangered and threatened wildlife and plants; final rule to list the flatwoods salamander as a threatened species. *Fed. Reg.* 64:15691-15704.
- \_\_\_\_\_. 1999b. South Florida Multi-Species Recovery Plan U.S. Fish Wildl. Serv., Atlanta, Georgia.
- \_\_\_\_\_. 2000. Candidate and listing priority assignment form: *Cicindela highlandensis*.
- U.S. Fish and Wildlife Service and Gulf States Marine Fisheries Commission. 1995. Gulf Sturgeon Recovery Plan. Atlanta, Georgia.
- Walls, J. G. 1976. Fishes of the northern Gulf of Mexico. T. F. H. Publications, Inc., Ltd., Hong Kong.
- Whitaker, J. O. 1996. National Audubon Society field guide to North American mammals. Alfred A. Knopf, New York.
- Williams, J. D., and G. H. Burgess. 1999. A new species of bass, *Micropterus cataractae* (Teleostei: Centrarchidae), from the Apalachicola River basin in Alabama, Florida, and Georgia. *Bull. Florida Mus. Nat. Hist.* 42(2):81-114.
- Witzell, W. N. 1983. Synopsis of the biological data on the hawksbill turtle *Eretmochelys imbricata* (Linnaeus, 1766). *FAO Fish. Synopsis* 137.
- Wood, P. B., M. L. Hoffman, M. W. Collopy, and J. M. Schaefer. 1988. Southeastern American kestrel (*Falco sparverius paulus*) natural history, life requirements, and habitat protection guidelines. Final report to Office of Envir. Services, Florida Game and Fresh Water Fish Comm., Tallahassee.
- Woods, C. A., W. Post, and C. W. Kilpatrick. 1982. *Microtus pennsylvanicus* (Rodentia; Muridae) in Florida: a Pleistocene relict in a coastal saltmarsh. *Bull. Florida State Mus. Biol. Sci.* 28:25-52.
- Wooley, C. M., and E. J. Crateau. 1985. Movement, microhabitat, exploitation, and management of Gulf of Mexico sturgeon, Apalachicola River, Florida. *North American J. Fisheries Manag.* 5:590-605.
- Zambrano, R., M. S. Robson, D. Y. Charnetzky, and H. T. Smith. 1997. Distribution and status of least tern nesting colonies in southeast Florida. *Florida Field Nat.* 25(3):85-91.
- Zambrano, R., R., H. T. Smith, and M. Robson. 2000. Summary of breeding roseate terns in the Florida Keys: 1974 - 1998. *Florida Field Nat.* 28(2):64-68.

## Glossary

- abdomen:** the posterior, segmented region of insects and crustaceans, referred to as the tail in latter group
- anal fin:** fin positioned on the lower posterior end of fish
- anal scale:** ventral scale immediately anterior to and overlying the cloacal opening or “anal” vent of a lizard or snake; demarcates body from tail
- anterior:** toward the head, opposite of posterior
- aquatic:** living in water, especially fresh water
- areola:** the posterior portion of a crustacean’s carapace, immediately anterior to the abdomen, generally separated by a distinct groove from the anterior or cephalic portion of the carapace
- band:** a partial ring of color that crosses the back and extends onto the sides of a snake
- bridge:** that portion of a turtle’s shell joining the carapace and plastron
- calcar:** the modified toe that supports the tail membrane in bats
- carapace:** upper (dorsal) part of a turtle’s shell; the hardened shell covering the anterior half of a crustacean (crayfish, shrimp), in front of the tail or abdomen
- caudal:** at or near the tail
- costal:** any of the large paired scales covering much of the carapace of a turtle, excluding the midline and outer rim
- collumella:** the inner spiral of a snail shell
- coverts:** small feathers that cover the bases of the larger flight feathers of the wing and tail of a bird; includes upperwing coverts, underwing coverts, and tail coverts
- diurnal:** active during the day
- dorsolateral:** referring to that area of an animal or body part between the back or top and side
- dorsum/dorsal:** referring to the back or top side of an animal or body part; opposite of venter/ventral
- eft:** immature, terrestrial life stage of a newt
- elytra:** the usually hard outer wings, covering inner membranous wings, of a beetle
- endemic:** restricted to a given geographic area
- ephemeral:** temporary, especially in reference to the hydrological cycle of a pond
- estuarine:** living in waters where rivers empty into the ocean or marine bays
- exoskeleton:** the relatively hard outer layer of insects, crustaceans, and other arthropods
- extirpated:** eliminated from a given area or region; locally extinct
- ground color:** background color which may be overlain by patterns such as spots and stripes

**guard hair:** the longer protective hair in some mammals

**inflated:** deep or broad, in reference to shell of a mussel; opposite of flat or compressed

**internasal scales:** paired scales on top of a snake's snout, between rostral, prefrontal, and nasal scales

**keel:** a ridge, commonly referring to ridges on shells of turtles or scales of snake

**larva (pl., larvae):** immature stage of most amphibians, typically aquatic and with gills that may be internal or external; includes tadpole stage of frogs

**lateral:** pertaining to the sides of an animal

**lores:** tiny feathers or skin between the eye and bill of a bird

**mandible:** typically the lower jaw of vertebrates, or one of several mouthparts of insects and crustaceans; in birds, either the upper or lower part of the bill

**marginal:** any of the small scales around the rim of a turtle's shell

**marine:** living in oceans

**morph:** a color variant of a species, unrelated to age or sex

**nacre:** the mother-of-pearl layer lining the internal surface of mussel's shell; its color is useful in species identification

**nasal scales:** scales surrounding the nostrils of reptiles

**nocturnal:** active during the night

**nuchal:** the unpaired, central scale at the front edge of a turtle's shell, immediately above the neck

**paedomorph:** amphibian that becomes sexually mature while retaining such larval characteristics as external gills, a tail fin, and an aquatic lifestyle

**pectoral fin:** fin positioned on either side of a fish just behind the gills

**peritoneum:** the thin membrane lining the abdomen of vertebrates

**plastron:** lower or ventral part (belly) of a turtle's shell

**pleopod:** one of a series of small paired appendages attached to the ventral side of the abdomen (tail) of a crustacean; also known as swimmeret; used by female crayfishes to carry their eggs

**posterior:** toward the tail (opposite of anterior)

**postorbital:** behind the eyes; may refer to a scale or color pattern

**prefrontal scales:** paired scales on top of a reptile's head, in front of scale row between eyes

**primary feathers:** nine or ten long flight feathers attached to the "hand" of a bird's wing

**rostral scale:** scale at tip of a reptile's snout

**rostrum:** the anterior projection of the carapace of a crustacean

**scute:** any of the scales covering the shell of a turtle

**secondary feathers:** flight feathers growing from the "forearm" segment of a bird's wing

**shorebirds:** generally refers to small- to medium-sized birds that frequent coastal beaches and mudflats; includes the plovers and oystercatcher in this guide

**smooth scale:** scale lacking a keel or ridge

**stripe:** a line of color that runs lengthwise on the body of a snake or lizard or along the leg, neck, or head of a turtle

**suture:** in snails the seam between shell whorls; also the seams between bones of a skull or a turtle shell

**terrestrial:** living on land

**thorax:** the middle body region between the head and tail or abdomen; in insects and crustaceans, the site of attachment of legs and wings

**tragus:** a lobe extending upward in the opening of a bat's ear

**umbo:** the raised area on each valve of a mussel's shell near the hinge; also known as the beak

**valve:** either of the two halves that make up the shell of a mussel

**venomous:** poisonous, usually as result of a bite or sting

**venter/ventral:** referring to the belly surface; opposite of dorsum/dorsal

**wading birds:** generally refers to long-legged waders like herons, egrets, bitterns, ibises, spoonbills, storks, and flamingos



© Dan Hipes