



## **Parknership Research Program Publications Florida Park Service – District 5**



Compiled by H.T. Smith, K. Alvarez, and E.M. Cowan  
Last updated August 2007 – District Biologists indicated by **bold type**.

### **PUBLISHED RESEARCH BY DISTRICT BIOLOGISTS**

#### Avalon State Park

**Smith, H.T.**, and J.A. Rodgers. 1996. Sanderling (*Calidris alba*) flight duration in response to inadvertent disturbance. Florida Field Naturalist 24(3):74-75.

#### Bahia Honda State Park

Engeman, R.M., E.M. Sweet, and **H.T. Smith**. 2005. *Iguana iguana* (Green Iguana). Predation. Herpetological Review 36(3):320.

#### Cape Florida State Park

Donlan, E.M., J.H. Townsend, and **E.A. Golden**. 2004. Predation of *Caretta caretta* eggs by larvae of *Lanelater sallei* on Key Biscayne, Florida. Carribean Journal of Science 40(3):415-420.

**Golden, E.A.**, **H.T. Smith**, E.M. Donlan, E. DeJesus, J.S. Weske, and M.M. Browne. 2002. Banded Royal Terns recovered at Key Biscayne, Florida. Florida Field Naturalist 30(3):91-93.

**Smith, H.T., E. Golden,** and W.E. Meshaka. 2007. Population density estimates for a Green Iguana (*Iguana iguana*) colony in a Florida State Park. *Journal of Kansas Herpetology* 21:19-20.

**Smith, H.T.,** W.E. Meshaka, **E. Golden,** and **E.M. Cowan.** 2007. The appearance of the exotic Green Iguana as road-kills in a restored urban Florida state park. *Journal of Kansas Herpetology* 22:14-16.

Meshaka, W.E., **H.T. Smith, E. Golden,** J.A. Moore, S. Fitchett, **E.M. Cowan,** R.M. Engeman, S.R. Sekscienski, and H.L. Cress. 2007. Green Iguanas (*Iguana iguana*): The unintended consequence of sound wildlife management practices in a South Florida state park. *Herpetological Conservation and Biology* 2(X):in press.

### Curry Hammock State Park

Engeman, R.M., N.D. Perry, G.W. Witmer, S. Hardin, L. Brashears, **H.T. Smith,** B. Muiznieks, and B. Constantin. 2006. Rapid assessment for a new invasive species threat: The case of the Gambian Giant Pouched Rat in Florida, USA. *Wildlife Research* 33(6):439-448.

### H.T. Birch State Park

**Smith, H.T.,** and R.M. Engeman. 2002. An extraordinary Raccoon (*Procyon lotor*) density at an urban park in Florida, USA. *Canadian Field-Naturalist* 116(4):636-639.

**Smith, H.T.,** W.E. Meshaka, R.M. Engeman, S.M. Crossett, M.E. Foley, and G. Busch. 2006. Raccoon predation as a limiting factor in the success of the Green Iguana in Southern Florida. *Journal of Kansas Herpetology* 20:7-8.

### J.D. MacArthur Beach State Park

Engeman, R.M., **H.T. Smith,** and **W.J.B. Miller.** 2004. Use of road-kill data to index and relate Raccoon activity at a heavily predated, high-density marine turtle nesting beach. *Endangered Species Update* 21(2):74-79.

Jonathan Dickinson State Park, Savannas Preserve State Park, Atlantic Ridge Preserve State Park

Engeman, R.M., **H.T. Smith**, S.A. Shwiff, B. Constantin, J. Woolard, M. Nelson, and D. Griffin. 2003. Estimating the prevalence and value of feral swine damage to native habitat in three Florida state parks. *Environmental Conservation* 30(4):319-324.

Engeman, R.M., **H.T. Smith**, B. Constantin, S.A. Shwiff, J. Woolard, and M. Nelson. 2005. Science-based "Parknership" to efficiently and effectively protect special habitats in Florida from feral swine. *IUCN Invasive Species Specialist Group "Aliens" Newsletter* 22:15-16.

Engeman, R.M., B. Constantin, S.A. Shwiff, **H.T. Smith**, and J. Woolard. 2005. Research to support and enhance feral swine removal efforts. Pp. 69-74 in *Proceedings of the 13<sup>th</sup> Australasian Vertebrate Pest Conference, 2-6 May 2005*. Museum of New Zealand, Te Papa Tongarewa, Wellington, New Zealand. 331 pp.

Engeman, R.M., B. Constantin, S.A. Shwiff, **H.T. Smith**, and J. Woolard. 2005. Research to enhance feral swine removal efforts. Pp. 24 abstract in *Public Land Acquisition and Management Partnership Conference 2005 program abstracts, 16-18 November 2005*. Marriott Resort, Hutchinson Island, Florida. 75 pp.

Engeman, R.M., B. Constantin, S.A. Shwiff, **H.T. Smith**, J. Woolard, J. Allen, and J. Dunlap. 2007. Adaptive and economic management methods for feral swine control in Florida. *Human-Wildlife Conflicts* 1(2):178-185.

Jonathan Dickinson State Park

**Rossmanith, R.J.**, and **H.T. Smith**. 2006. Wildlife road-kills in a Southeast Florida park. *Natural Area News* 10(3):2-3.

Shwiff, S.A., **H.T. Smith**, R.M. Engeman, R.M. Barry, **R.J. Rossmanith**, and M. Nelson. 2007. Bioeconomic analysis of herpetofauna road-kills in a Florida state park. *Ecological Economics* 62(X):in press.

Woolard, J., R.M. Engeman, **H.T. Smith**, and M. Nelson. 2004. *Alligator mississippiensis* (American Alligator). Homing and site fidelity. *Herpetological Review* 35(2):164.

Jonathan Dickinson State Park, outside perimeter

**Smith, H.T.**, and R.M. Engeman. 2002. An earlier report of the Northern Curly-tailed Lizard in Martin County, Florida. *Florida Field Naturalist* 30(4):132-133.

**Smith, H.T.**, and R.M. Engeman. 2004. *Leiocephalus carinatus armouri* (Northern Curly-tailed Lizard). Terrestrial predation by a juvenile wading bird. *Herpetological Review* 35(2):169-170.

### J.U. Lloyd Beach State Park

Meshaka, W.E., H.L. Cress, K.L. Kingsland, **H.T. Smith**, S.A. Fitchett, J.A. Moore, and **E.M. Cowan**. 2006. *Hemidactylus* (exotic house geckos) assemblage dynamics on South Florida buildings. *Journal of Kansas Herpetology* 17:7-8.

**Smith, H.T.**, R.M. Barry, R.M. Engeman, S.A. Shwiff, and W.J.B. Miller. 2003. Species composition and legal economic value of wildlife road-kills in an urban park in Florida. *Florida Field Naturalist* 31(3):53-58.

### Key Largo Hammock Botanical State Park

Fahrig, L., K.E. Neill, and **J.G. Duquesnel**. 2002. Interpretation of joint trends in traffic volume and traffic-related wildlife mortality: A case study from Key Largo, Florida. Pp. 518-521 in 2001 Proceedings of the International Conference on Wildlife Ecology and Transportation (L.M. Terwilliger, and L. Coryell, eds.), September 24-28, 2001. Keystone, Colorado. 675 pp.

Maschinski, J., and **J.A. Duquesnel**. 2006. Successful reintroductions of the endangered long-lived Sargent's cherry palm, *Pseudophoenix sargentii*, in the Florida Keys. *Biological Conservation* 134(1):122-129.

### Lignumvitae Key Botanical State Park

**Duquesnel, J.A.**, and **H.T. Smith**. 2007. One year preliminary analysis of seagrass restoration in Lignumvitae Key submerged land managed area, Florida, USA. *Natural Area News* 11(2):in press.

Engeman, R.M., **J.A. Duquesnel**, **E.M. Cowan**, **H.T. Smith**, S.A. Shwiff, and **M. Karlin**. 2007. Assessing boat damage to seagrass bed habitat in a Florida state park from a bioeconomics perspective. *Journal of Coastal Research* 24(X):in press.

### Multiple park studies

Cress, H.L., K.L. Kingsland, **H.T. Smith**, and W.E. Meshaka. 2007. Exotic amphibians and reptiles on buildings: Colonization dynamics and potential species management in Florida. *Natural Area News* 11(1):1-3.

Egensteiner, E.D., **H.T. Smith**, and J.A. Rodgers. 1996. Royal Tern. Pp. 532-540 in Rare and endangered biota of Florida - Vol. V: Birds (J.A. Rodgers, H.W. Kale, and H.T. Smith, eds.). University Press of Florida, Gainesville. 688 pp.

Engeman, R.M., S.A. Shwiff, **H.T. Smith**, and B. Constantin. 2002. Monetary valuation methods for economic analysis of the benefit-costs of protecting endangered wildlife species from predators. *Integrated Pest Management Reviews* 7(3):139-144.

Engeman, R.M., S.A. Shwiff, **H.T. Smith**, and B. Constantin. 2004. Monetary valuation of endangered species and imperiled habitats as a basis for economically evaluating conservation approaches. *Endangered Species Update* 21(2):66-73.

Loftin, R.W., and **H.T. Smith**. 1996. Black Skimmer. Pp. 571-578 in Rare and endangered biota of Florida - Vol. V: Birds (J.A. Rodgers, H.W. Kale, and H.T. Smith, eds.). University Press of Florida, Gainesville. 688 pp.

Meshaka, W.E., R.D. Bartlett, and **H.T. Smith**. 2004. Colonization success by Green Iguanas in Florida. *Iguana* 11(3):154-161.

Meshaka, W.E., **H.T. Smith**, R.M. Engeman, C.L. Dean, J.A. Moore, and W.E. O'Brien. 2005. The geographically contiguous and expanding coastal range of the Northern Curlytail Lizard (*Leiocephalus carinatus armouri*) in Florida. *Southeastern Naturalist* 4(3):521-526.

Meshaka, W.E., and **H.T. Smith**. 2005. Stewardship of public lands and "Parknering" in the management of exotic herpetofauna in Florida, USA. IUCN Invasive Species Specialist Group "Aliens" Newsletter 22:1-3.

Meshaka, W.E., **H.T. Smith**, and C.L. Dean. 2006. Gonadal cycle and growth of a West Indian lizard, the Northern Curlytail Lizard (*Leiocephalus carinatus armouri*), in Southern Florida. *Herpetological Conservation and Biology* 1(2):109-115.

Moore, J.A., and **H.T. Smith**. 2006. Roadways and sidewalks into natural areas: a warning. *Natural Areas Newsletter* 10(3):4.

Rodgers, J.A., and **H.T. Smith**. 1991. Minimum buffer zone requirement to protect nesting bird colonies from human disturbance. Pp. 55-56 in Proceedings of the Coastal Nongame Workshop (D.P. Jennings, compil.). U.S. Fish and Wildlife Service, Ft. Collins, Colorado. 186 pp.

Rodgers, J.A., and **H.T. Smith**. 1995. Set-back distances to protect nesting bird colonies from human disturbance in Florida. *Conservation Biology* 9(1):89-99.

Rodgers, J.A., and **H.T. Smith**. 1995. Little Blue Heron (*Egretta caerulea*). In The birds of North America, No. 145 (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, and The American Ornithologists' Union, Washington, D.C. 32 pp.

Rodgers, J.A., and **H.T. Smith**. 1997. Buffer zone distances to protect foraging and loafing waterbirds from human disturbance in Florida. *Wildlife Society Bulletin* 25(1):139-145.

Rodgers, J.A., H.W. Kale, and **H.T. Smith**. 1996. Introduction. Pp. xxxiii-xli in Rare and endangered biota of Florida - Vol. V: Birds (J.A. Rodgers, H.W. Kale, and H.T. Smith, eds.). University Press of Florida, Gainesville. 688 pp.

Rodgers, J.A., H.W. Kale, and **H.T. Smith**. 1996. Designations of status. Front appendix in Rare and endangered biota of Florida - Vol. V: Birds (J.A. Rodgers, H.W. Kale, and H.T. Smith, eds.). University Press of Florida, Gainesville. 688 pp.

Rodgers, J.A., **H.T. Smith**, and R.T. Paul. 1996. Sandwich Tern. Pp. 541-550 in Rare and endangered biota of Florida - Vol. V: Birds (J.A. Rodgers, H.W. Kale, and H.T. Smith, eds.). University Press of Florida, Gainesville. 688 pp.

**Smith, H.T.** 1996. Roseate Tern. Pp. 247-257 in Rare and endangered biota of Florida - Vol. V: Birds (J.A. Rodgers, H.W. Kale, and H.T. Smith, eds.). University Press of Florida, Gainesville. 688 pp.

**Smith, H.T.**, and J.A. Gore. 1996. Gull-billed Tern. Pp. 624-632 in Rare and endangered biota of Florida - Vol. V: Birds (J.A. Rodgers, H.W. Kale, and H.T. Smith, eds.). University Press of Florida, Gainesville. 688 pp.

**Smith, H.T.**, and E.M. Alvear. 1997. Recent breeding reports of the Gull-billed Tern in Florida: status undetermined? *Florida Naturalist* 70(1):22-23.

**Smith, H.T.**, and R.M. Engeman. 2003. A review of the range, distribution, and ecology of the invasive Northern Curly-tailed Lizard in Florida. Florida Park Service "Parknership" technical report. 5 pp.

**Smith, H.T.**, and R.M. Engeman. 2004. A review of the colonization dynamics of the Northern Curly-tailed Lizard (*Leiocephalus carinatus armouri*) in Florida. Florida Field Naturalist 32(3):107-113.

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 Naturalist 25(3):85-91.

### Savannas Preserve State Park

**Cowan, E.M.** 2005. Reproductive success, territory size, and predation pressures of the Florida Scrub-jay (*Aphelocoma coerulescens*) at Savannas Preserve State Park. Endangered Species Update 22(1):29-39.

Engeman, R.M., **H.T. Smith**, R.G. Severson, M.M. Severson, S.A. Shwiff, B. Constantin, and D. Griffin. 2003. Amount and economic valuation of feral hog damage to a unique basin marsh wetland in Florida. Florida Park Service "Parknership" technical report. 5 pp.

Engeman, R.M., **H.T. Smith**, S.A. Shwiff, B. Constantin, J. Woolard, M. Nelson, and D. Griffin. 2003. Estimating the prevalence and value of feral swine damage to native habitat in three Florida state parks. Environmental Conservation 30(4):319-324.

Engeman, R.M., **H.T. Smith**, R.G. Severson, M.M. Severson, S.A. Shwiff, B. Constantin, and D. Griffin. 2004. The amount and economic cost of feral swine damage to the last remnant of a basin marsh system in Florida. Journal for Nature Conservation 12:143-147.

Engeman, R.M., **H.T. Smith**, R.G. Severson, M.A. Severson, J. Woolard, S.A. Shwiff, B. Constantin, and D. Griffin. 2004. Damage reduction estimates and benefit-cost ratios for feral swine removal from the last remnant of a basin marsh system in Florida. Environmental Conservation 31(3):207-211

Engeman, R.M., J. Woolard, **H.T. Smith**, J. Bourassa, B. Constantin, and D. Griffin. 2007. An extraordinary patch of feral hog damage in Florida before and after initiating hog removal. Human-Wildlife Conflicts 1(2):271-275.

Goethel, C.A., **H.T. Smith**, and J.A. Moore. 2007. *Ophisaurus ventralis* (Eastern Glass Lizard). A review of road-kill mortalities and occurrence in Florida. Journal of Kansas Herpetology 22:13.

Meshaka, W.E., **H.T. Smith**, R.G. Severson, and M.A. Severson. 2005. Spatial picture of a gecko assemblage in flux. Florida Scientist 68(1):53-55.

Marti, D., W. O'Brien, **H.T. Smith**, J.A. Moore, and S. Fitchett. 2005. Endangered species, prescribed fires, and public resistance in a Florida scrub community. *Endangered Species Update* 22(1):18-28.

Pancho, R.N., W. O'Brien, **H.T. Smith**, and T. Hoim. 2007. Public perceptions of prescribed fires in two Florida communities: A comparison in progress. *Natural Area News* 11(1):6-7.

### Sebastian Inlet State Park

**Bard, A.M., H.T. Smith, E.D. Egensteiner, R. Mulholland**, T.V. Harber, G.W. Heath, **W.J.B. Miller**, and J.S. Weske. 2002. A simple structural method to reduce road-kills of Royal Terns at bridge sites. *Wildlife Society Bulletin* 30(2):603-605.

**Bard, A.M., H.T. Smith**, T.V. Harber, G.W. Stewart, J.S. Weske, M.M. Browne, and S.T. Emslie. 2002. Road-killed Royal Terns (*Sterna maxima*) recovered at Sebastian Inlet State Park, Florida, USA: A 23-year analysis of banding data. Pp. 386-389 in 2001 Proceedings of the International Conference on Wildlife Ecology and Transportation (L.M. Terwilliger, and L. Coryell, eds.), September 24-28, 2001. Keystone, Colorado. 675 pp.

**Egensteiner, E.D., H.T. Smith, W.J.B. Miller**, T.V. Harber, and G.W. Stewart. 1998. Coastal bird road-kill reduction structures at Sebastian Inlet State Recreation Area, Florida. Pp. 42-43 abstract in 1998 Colonial Waterbird Society scientific program, 21-26 October 1998. Florida International University, N. Miami, Florida. 79 pp.

Shwiff, S.A., **H.T. Smith, A.M. Bard**, T.V. Harber, G.W. Heath, and R.M. Engeman. 2003. An economic analysis of a simple structural method to reduce road-kills of Royal Terns at bridges. *Caribbean Journal of Science* 39(2):250-253.

**Smith, H.T., W.J.B. Miller, R.E. Roberts, C.V. Tamborski, W.W. Timmerman**, and J.S. Weske. 1994. Banded Royal Terns recovered at Sebastian Inlet, Florida. *Florida Field Naturalist* 22(3):81-83.

### St. George Island State Park

**Smith, H.T.**, J.A. Gore, W.W. Miley, H.L. Edmiston, and J.A. Rodgers. 1993. Recent nesting of Gull-billed Terns in northwest Florida. *Florida Field Naturalist* 21(3):80-82.

### St. Lucie Inlet Preserve State Park

Engeman, R.M., R.E. Martin, **H.T. Smith**, J. Woolard, C.K. Crady, S.A. Shwiff, B. Constantin, M. Stahl, and J. Griner. 2005. Dramatic reduction in predation of sea turtle nests through improved predator monitoring and management. *Oryx* 39(3):318-326.

Engeman, R.M., R.E. Martin, **H.T. Smith**, J. Woolard, C.K. Crady, B. Constantin, M. Stahl, and N.P. Groninger. 2006. Impact on nest predation when predator control is removed midway through sea turtle nesting season. *Wildlife Research* 33(3):187-192.

Martin, R.E., R.M. Engeman, **H.T. Smith**, C.K. Crady, M. Stahl, and B. Constantin. 2005. *Cheloniidae* (Marine Turtle) nest predation by Bobcats. *Herpetological Review* 36(1):56-57.

Woolard, J., R.M. Engeman, **H.T. Smith**, and J. Griner. 2004. *Cheloniidae* (marine turtle). Nest predation. *Herpetological Review* 35(4):379-380.

### **IN PRESS, AND IN REVIEW, RESEARCH BY DISTRICT BIOLOGISTS**

#### Cape Florida State Park

Meshaka, W.E., **H.T. Smith**, E. Golden, J.A. Moore, S. Fitchett, E.M. Cowan, R.M. Engeman, S.R. Sekscienski, and H.L. Cress. In prep. Trophic level interactions between high-density Raccoons and invasive Green Iguanas in Cape Florida State Park: What can 11 years of data tell us? *Journal of Herpetology* XX(X):xxx-xxx.

Meshaka, W.E., **H.T. Smith**, **E. Golden**, and **E.M. Cowan**. In prep. The Black Spinytail Iguana (*Ctenosaura similis*) and its population response to Raccoon (*Procyon lotor*) predation in a South Florida state park. *Florida Scientist* XX(X):xxx-xxx.

#### H.T. Birch State Park

**Smith, H.T.**, W.E. Meshaka, G.H. Busch, and **E.M. Cowan**. In press. Gray Fox predation of nests as a limiting factor in the colonization success of the Green Iguana in Southern Florida. *Journal of Kansas Herpetology* XX(X):xxx-xxx.

**Smith, H.T.**, W.E. Meshaka, and G.H. Busch. In press. Jurassic parks in paradise – Alien Green Iguanas collide with native mammalian predators and other interesting findings in Florida, USA: A brief update. IUCN Invasive Species Specialist Group “Aliens” Newsletter XX(X):xxx-xxx.

**Smith, H.T.**, R.M. Engeman, W.E. Meshaka, A.J. Sementelli, G.H. Busch, M.L. Avery, **E.M. Cowan**, and B.U. Constantin. In review. Public works in peril in paradise: Exotic Green Iguanas undermine the Intracoastal Waterway seawall in South Florida. Human-Wildlife Conflicts XX(X):xxx-xxx.

### J.U. Lloyd Beach State Park

Meshaka, W.E., H. Cress, K.L. Kingsland, **H.T. Smith**, S.A. Fitchett, and J.A. Moore. In prep. Antipredator behavior and the differential colonization success of two hemidactyline geckos in southern Florida. Journal of Herpetology XX(X):xxx-xxx.

### Lignumvitae Key Botanical State Park

**Duquesnel, J.A.**, and **H.T. Smith**. In prep. Year two analysis of seagrass restoration in Lignumvitae Key submerged land managed area, Florida, USA. Natural Area News XX(X):xxx-xxx.

### Multiple park studies

Engeman, R.M., S. Hardin, B. Constantin, **H.T. Smith**, and W.E. Meshaka. In review. Exotic species management issues in Florida: Five examples from the front lines for managing U.S. animal invasions. Wildlife Research XX(X):xxx-xxx

Sementelli, A.J., **H.T. Smith**, W.E. Meshaka, and R.M. Engeman. In review. Just Green Iguanas? The associated costs and policy implications of exotic invasive wildlife in South Florida, USA. Public Works Management and Policy XX(X):xxx-xxx.

**Smith, H.T.**, and W.E. Meshaka. In prep. A review of the colonization dynamics of the Green Iguana (*Iguana iguana*) in Florida, USA. Journal of Kansas Herpetology XX(X):xxx-xxx.

**Smith, H.T.**, A.J. Sementelli, **E.M. Cowan**, and E. Michaels. In review. The role of the Florida Park Service – Florida Atlantic University “Parknership” Research Program in wildlife biology in setting endangered species conservation policy. Endangered Species Update XX(X):xxx-xxx.

**Smith, H.T.**, A.J. Sementelli, and **E.M. Cowan**. In prep. The work of the Florida Park Service “Parknership” Research Program in wildlife biology in setting invasive species control and management policy. IUCN Invasive Species Specialist Group “Aliens” Newsletter XX(X):xxx-xxx.

**Smith, H.T.**, and R.M. Engeman. In prep. Characteristics of sites colonized by the Northern Curly-tailed Lizard in its northern range in Florida USA. Florida Field Naturalist XX(X):xxx-xxx.

**Smith, H.T.**, and R.M. Engeman. In prep. An overview of wildlife management in Florida State Parks. Journal of Wildlife Management XX(X):xxx-xxx.

**Smith, H.T.**, and W.E. Meshaka. In prep. A review of exotic herpetofauna research in Florida natural areas. IUCN Invasive Species Specialist Group “Aliens” Newsletter XX(X):xxx-xxx.

### Savannas Preserve State Park

Calas, J., A.J. Sementelli, and **H.T. Smith**. In review. Legacy problems in transit planning involving wetlands: Environmental costs and the case of Walton Road. Public Works Management and Policy XX(X):xxx-xxx.

Engeman, R.M., **H.T. Smith**, and **G. S. Kaufmann**. In press. *Gopher polyphemus* (Gopher Tortoise). Mortality sources. Herpetological Review XX(X):xxx-xxx.

Kaufmann, G.S., **H.T. Smith**, R.M. Engeman, W.E. Meshaka, and **E.M. Cowan**. In press. *Ophisaurus ventralis* (Eastern Glass Lizard). Fire induced mortality. Herpetological Review XX(X):xxx-xxx.

Smith, T. E., **E.M. Cowan**, and **H.T. Smith**. In prep. Territory size changes of Florida Scrub-jays at Savannas Preserve State Park following three hurricanes in 2004 – 2005. Endangered Species Update XX(X):xxx-xxx.

Meshaka, W.E., **H.T. Smith**, R.G. Severson, and M.A. Severson. In prep. Colonization dynamics of an *Anolis* species assemblage at Savannas Preserve State Park in Florida. Florida Scientist XX(X):xxx-xxx.

Meshaka, W.E., **H.T. Smith**, R.G. Severson, and M.A. Severson. In prep. Demography and activity of Gopher Tortoise burrows in a disturbed scrub community. Florida Scientist XX(X):xxx-xxx.

Engeman, R.M., **H.T. Smith**, W.E. Meshaka, R.G. Severson, M.M. Severson, and **G.S. Kaufmann**. In prep. Indexing herpetofauna abundances with artificial coverboard sampling at Savannas Preserve State Park. Environmental Conservation XX(X):xxx-xxx.

### Sebastian Inlet State Park

Engeman, R.M., **A.M. Bard**, and **H.T. Smith**. In review. What can we learn about the attraction of predators to sea turtle nests from 10 years of Raccoon road-kill data? Amphibian and Reptile Conservation XX(X):xxx-xxx.

### The Barnacle Historical State Park

Meshaka, W.E., **H.T. Smith**, J.W. Gibbons, T. Jackson, and K.A. Boler. In prep. The exotic lizard assemblage of an urban park in southeast Florida: The Barnacle Historic State Park. Florida Scientist XX(X):xxx-xxx.

## **ADDITIONAL PUBLICATIONS BY DISTRICT BIOLOGISTS**

**Cowan, E.M.**, J. Pennell, M. Salmon, J. Wyneken, C. Cowan, and A. Broadwell. Influence of Filtered Roadway Lighting on the Seaward Orientation of Hatchling Sea Turtles. 2002. Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation. NOAA Tech. Memo. NMFS-SEFSC-477, (20):295-298.

**Cowan, E.M.** 2006. Giants in peril: Florida sea turtles. Florida Sport Fishing. Unpaginated.

Dean, C.L., **H.T. Smith**, and R.M. Engeman. 2004. *Leiocephalus carinatus armouri* (Northern Curly-tailed Lizard). Range extension USA: Florida: St. Lucie County. Herpetological Review 35(1):82.

Dean, C.L., **H.T. Smith**, R.M. Engeman, and W.E. Meshaka. 2005. *Leiocephalus carinatus armouri* (Northern Curly-tailed Lizard). Entanglement in human-made materials. Herpetological Review 36(2):179-180.

Dean, C.L., **H.T. Smith**, R.M. Engeman, and W.E. Meshaka. 2004. Additional northward range extension of the exotic Northern Curly-tailed Lizard in Martin County, Florida. Florida Field Naturalist 32(4):151-152.

- Dean, C.L., R.M. Engeman, **H.T. Smith**, and W.E. Meshaka. 2005. *Leiocephalus carinatus armouri* (Northern Curly-tailed Lizard). Cannibalism. *Herpetological Review* 36(4):451.
- Engeman, R.M., S.A. Shwiff, B. Constantin, M. Stahl, and **H.T. Smith**. 2002. An economic analysis of predator removal approaches for protecting marine turtle nests at Hobe Sound National Wildlife Refuge. *Ecological Economics* 42(3):469-478.
- Engeman, R.M., **H.T. Smith**, and B. Constantin. 2005. Invasive Green Iguanas as airstrike hazards at San Juan International Airport, Puerto Rico. *Journal of Aviation-Aerospace Education and Research* 14(3):45-50.
- Engeman, R.M., M.J. Pipas, and **H.T. Smith**. 2004. *Gopherus berlandieri* (Texas Tortoise). Mortality sources. *Herpetological Review* 35(1):54-55.
- Engeman, R.M., R.E. Martin, **H.T. Smith**, J. Woolard, C.K. Crady, B. Constantin, M. Stahl, and N.P. Groninger. 2006. Impact on nest predation when predator control is removed midway through sea turtle nesting season. *Wildlife Research* 33(3):187-192.
- Engeman, R.M., D. Hansen, and **H.T. Smith**. 2005. *Chamaeleo gracilis* (Graceful Chameleon). Reproduction in Florida. *Herpetological Review* 36(4):445-446.
- Julia, J.M., A.J. Sementelli, and **H.T. Smith**. In review. Valuation and policy choices: Developing heuristics for environmental policy in South Florida wetlands. *Economic Development Quarterly* XX(X):xxx-xxx.
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