



Photos courtesy of Dr. David Cobb

Students, faculty and alumni participated in the first NCSU Wild Foods Supper to raise money for student chapter activities.

A wild night out for dinner

- ▶ Over 125 students, faculty, alumni attend Wild Supper event to raise money for student chapter activities
- ▶ Twenty-two dishes were entered into the cooking competition

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Some of the items from the silent auction.

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ANNUAL FRIENDS AND FAMILY HUNT

Fisheries and Wildlife friends and family participated in the 2012 Tundra Swan Outing in North Carolina.4





Photos courtesy of Dr. David Cobb

Students, faculty, and alumni enjoy the Wild Foods Supper sponsored by the Leopold Wildlife Club and Student Fisheries Society.

First NCSU Wild Foods Supper a Success

125 students, faculty, alumni attend event to raise money for student chapter activities

The NCSU Leopold Wildlife Club, Student Fisheries Society, and Fish and Wildlife Alumni Society hosted a Wild Foods Supper on February 4th, 2012. Over 125 students, faculty, alumni, agency personnel, and general public attended. A buffet dinner was served with a variety of wild table fare. The beaver burgers seemed to be the favorite, but everybody enjoyed feral hog & venison barbeque, squirrel salad, Caribbean jerk squirrel, bear burgers, fried flounder and oysters, and a slew of other dishes. The silent auction was fun, with bidding for a few items hotly contested. Overall everybody went home full and happy. Twenty-two dishes were entered in the cooking competition (see winners at right). Funds raised will go towards student chapter activities, including travel to the Southeastern Wildlife Conclave in Knoxville, TN. Plans are to make the Wild Foods Supper an annual affair, so be sure to collect wild game, fruits, and nuts to enter in the competition next year.



Club president Rachel Conley and club member Charlie Sanders.

Results of the Wild Foods Cooking Competition

Venison

1st place - Venison, Cappuccino, and Johnny Cake - **Tanith Tyrr**

Runner Up - Bucky and Rice - **Linda Cobb**

Fish

1st Place-Pecan and Herb crusted Trout - **Patrick Cooney**

Runner up-Black Swamp Clam Chowder - **Kyle Meadows**

Other Game

First Place - Wild Duck Prosciutto - **Tanith Tyrr**

Runner Up - Caribbean Jerk Squirrel - **Tiffany Sanders**

Runner Up - Deconstructed Meat Pie - **Tanith Tyrr**

Fruits and Veggies

No entries

Desserts

First Place - Apple Cake - **Allie Stewart**

Runner Up - Persimmon Pudding - **Anne Margaret Braham**

Overall Winner

Venison, Cappuccino, and Johnny Cake - **Tanith Tyrr**

FWCB Research at Fort Bragg

Eric Kilburg (M.S.), Annemarie Prince (M.S.), and Marcus Lashley (Ph.D.) are studying the effects of growing season prescribed fire on habitat use of wild turkey, fox squirrel, and white-tailed deer, respectively. Morgan Elfelt (M.S.) is studying movement and home range size of coyotes and Colter Chitwood (Ph.D.) is quantifying fawn survival and causes of mortality.



From left, Colter Chitwood, Michael Nunnery, Brandon Sherrill, and Kyle Young with a doe that was captured and fitted with a GPS collar.



Annemarie Prince with a fox squirrel in a capture cone.



Marcus Lashley with a captured turkey.



Morgan Elfelt with a coyote fitted with a GPS collar.



A white-tailed deer fawn fitted with a VHF collar.



Photo courtesy of Dr. Tom Kwak

Fisheries and Wildlife friends and family participated in the annual tundra swan outing.

TUNDRA SWAN HUNT

Fisheries and Wildlife friends and family participated in the 2012 Tundra Swan Outing. The event occurred at an undisclosed location in North Carolina. The eastern population of tundra swans numbers ~ 100,000 birds and has increased ~3 percent annually over the last 10 years (USFWS 2004). Historically, most of these birds wintered in the Chesapeake Bay region, but a shift began during the 1980's, and ~75 percent of the population now winters in coastal North Carolina (Rhodes, South Carolina DNR).

Brandon Sherrill, Dr. Chris DePerno, Christopher DePerno, Dr. Chris Moorman, and Colter Chitwood.



Publications & Presentations



Research Publications

- Boylan S. M., C. A. Harms, T. Waltzek, J. M. Law, M. Garner, J. Cassell, M. H. Fatzinger, and P. Govett.** 2011. Hyperplastic adipose lids in mackerel scad (*Decapterus macarellus*). *Journal of Fish Diseases* 34: 921-925.
- Chen, X., M. N. Peterson, V. Hull, C. Lu, G. D. Lee, D. Hong, and J. Liu.** 2011. Effects of attitudinal and socio-demographic factors on pro-environmental behaviour in urban China. *Environmental Conservation* 38: 45–52.
- Golovin, D., A. Krause, B. Gardner, S. J. Converse, and S. Morey.** 2011. Dynamic resource allocation in conservation planning. Conference on Artificial Intelligence, AAAI-11.
- Harms C. A. , and R. V. Harms.** 2012. Venous blood gas and lactate values of mourning doves (*Zenaida macroura*), boat-tailed grackles (*Quiscalus major*) and house sparrows (*Passer domesticus*) following capture by mist net, banding, and venipuncture. *Journal of Zoo and Wildlife Medicine* 43:83-90.
- Martin, J., J. A. Royle, D. I. Mackenzie, H. H. Edwards, M. Kéry, and B. Gardner.** 2011. Accounting for non independent detection when estimating abundance of organisms with a Bayesian Approach. *Methods in Ecology and Evolution* 2: 595–601.
- Rockhill, A. P., S. K. Chinnadurai, R. A. Powell, and C. S. DePerno.** A comparison of two field chemical immobilization techniques for bobcats (*Lynx rufus*). *Journal of Zoo and Wildlife Medicine* 42:580-585.
- Stringer, E. M., C. A. Harms, J. F. Beasley, and E. T. Anderson.** 2010. Comparison of ionized calcium, parathyroid hormone, and 25-hydroxyvitamin D in rehabilitating and healthy wild green sea turtles (*Chelonia mydas*). *Journal of Herpetological Medicine and Surgery* 20: 122-127, DOI: 10.5818/1529-9651-20.4.122.

Book chapters

- Harms C. A.** 2012. Echinoderms. In: G. A. Lewbart (ed). *Invertebrate Medicine*, 2nd ed. Ames, Iowa: Wiley-Blackwell, pp. 365 – 379.
- Piniak W. E. D., D. A. Mann, S. A. Eckert, and C. A. Harms.** 2012. Amphibious hearing in sea turtles. In: A. N. Popper and A. Hawkins (eds). *The Effects of Noise on Aquatic Life, Advances in Experimental Medicine and Biology* 730: 83 – 87, Springer Science+Business Media, DOI 10.1007/978-1-4419-7311-5_18.
- McCleery, R. A., C. E. Moorman, M. C. Wallace, and D. Drake.** 2012. Management and research of wildlife in urban environments. N. J. Silvy (ed.). Pp 169-191 in *Wildlife Techniques Manual Volume II*, 7th Edition. Johns Hopkins Press, Baltimore, MD.
- Moorman, C. E., K. R. Russell, and C. H. Greenberg.** 2011. Reptile and amphibian response to hardwood forest management and early-successional habitats. In: Greenberg CH, Collins BS, and Thompson III FR (eds). *Sustaining Young Forest Communities: Ecology and Management of Early Successional Habitats in the Central Hardwood Region, USA*. Springer. Pp 191-208.

Publications & Presentations



Peterson, M. N. and S. L. Rodriguez. 2011. Human dimensions of wildlife management. Pp. 1-20 in N. J. Silvy ed., *The Wildlife Techniques Manual: Management*. Baltimore, MD: Johns Hopkins University Press.

Professional Presentations:

Gardner, B. 2011. Hierarchical modeling of wildlife data. Plenary speaker, 2nd PhD Student Symposium. Leibniz Institute for Zoo and Wildlife Research, Berlin Germany.

Grovenburg, T. W., R. W. Klaver, C. N. Jacques, T. J. Brinkman, C. C. Swanson, C. S. DePerno, K. L. Monteith, J. D. Sievers, V. C. Bleich, J. J. Kie, and J. A. Jenks. 2012. Influence of landscape characteristics and ungulate demography on retention of expandable radiocollars. Presented at the South Dakota Chapter of The Wildlife Society, Cedar Shores Resort, Oacoma, South Dakota

Harms C. A. 2012. Therapeutics for fish, Anesthesia, analgesia and euthanasia of fish, Keratopathy in moray eels. North American Veterinary Conference, Orlando, Florida.

Moorman, C. E. S. M. Grodsky, and D. Hazel. 2012. Potential effects of woody biomass harvests on avian habitat quality. 2012 Southeast Partners in Flight Meeting, Raleigh, NC.

Plush, C. J., C. E. Moorman, D. Orr, and C. Reberg-Horton. 2012. Do beneficial insect habitats also provide quality brood habitat for northern bobwhite. Quail 7 National Symposium, Tucson, AZ.

Prince, A., C. S. DePerno, and C. E. Moorman. 2012. The influence of prescribed fire on southeastern fox squirrel habitat selection. The 6th International Colloquium on Arboreal Squirrels. Monbou Kaikan, Kyoto City, Japan.

Extension Presentations

DePerno, C. S. Coyotes and livestock. 2012. Presented to 90 individuals of the Cape Fear Regional Cattle Conference, Southeastern North Carolina Agricultural Center and Farmers Market, Lumberton, North Carolina.

DePerno, C. S. 2012. Wildlife questions and answers. Presented to 20 individuals of the Bluebirders of Wake County, Mordecai House, Raleigh, North Carolina.

Moorman, C. E. 2012. Do Vultures Kill Livestock? Cape Fear Cattlemen's Association Meeting, Lumberton, NC.

Moorman, C. E. 2012. Managing vegetation to keep quail alive on your farm. Field borders on North Carolina farms workshop, Kenansville, NC.

Publications & Presentations



Grants

Evers, D. C., B. Gardner, R. Veit, A. Freidlaender, D. Jophnston, and I. Stenhouse. 2012. Title: Modeling wildlife densities and movements across temporal and spatial scales on the mid- Atlantic continental shelf. DOE, \$4.5 million (\$235,182 to NCSU), 2012-2014.

Gardner, B. 2012. Modeling of Seabird Distributions in the Western Atlantic in Anticipation of Wind Energy Development. BOEMRE/USGS, \$120,000, 2011-2014.

Peterson, N., S. Moore, and R. Strnad. 2012. Building Environmental Literacy among North Carolina's K-12 Students. NOAA Sea Grant; NCSU University Extension, Engagement and Economic Development Grants, \$97,000, 2012-2014.

Simons, T., and B. Gardner. 2012. Assessing Endangered Marsh Rabbit and Wood Rat Habitat Use and Feral Cat Populations Using Photographic, Video, and RFID Capture-Recapture Data. USFWS, \$289,050, 2012-2016.

Media coverage

Peterson, M. N. NSF Press Release. 2011. Scientists: Big City Life May Alter Green Attitudes (http://www.nsf.gov/news/news_summ.jsp?cntn_id=118360). Covered by Science Daily, Terra Daily, etc.

HELP ENHANCE WILDLIFE HABITAT WITH THE PURCHASE OF BAT BOXES AND WOOD DUCK BOXES



PROCEEDS BENEFIT THE LEOPOLD WILDLIFE CLUB

If you are interested in purchasing a bat box or a wood duck box contact Dr. Chris DePerno (chris_deperno@ncsu.edu)



\$50

Bat boxes and wood duck boxes.

YOUTH HUNTER'S FIRST WHITE-TAILED DEER



Photo courtesy of Dr. Christopher DePerno

Christopher DePerno (age 12) shot his first deer at an undisclosed location in Alabama. The female deer weighed ~132 lbs. Dr. Christopher DePerno, Dr. Christopher Moorman, Connor Chitwood, Colter Chitwood, and Marcus Lashley participated in the hunt.



Wildlife stickers

Show your support for the N.C. State Leopold Wildlife Club by purchasing a sticker for all of your vehicles. Stickers are \$7.

If interested contact Dr. Chris DePerno
(chris_deperno@ncsu.edu)



READ BACK ISSUES ONLINE

If you missed the last issue of the Fisheries and Wildlife newsletter you can catch up on back issues on the department's Web site under the news tab.

<http://www.cnr.ncsu.edu/fer/fishwild>



SCHOLARSHIPS AND OPPORTUNITIES

Please see the NC State Fisheries, Wildlife, and Conservation Biology website for additional scholarship opportunities.

<http://www.cnr.ncsu.edu/fer/fishwild/fwschol.html>

BULL NECK SWAMP SCHOLARSHIP

The Bull Neck Swamp Scholarship will provide \$2,000/semester (\$4,000 annually) to a qualified Fisheries and Wildlife student. This scholarship will be awarded to students who have demonstrated strong academic achievement. For incoming freshmen, a high school grade point average of at least 3.5 and a total SAT score of 1150 are required. For transfer students and current students at NC State, a total grade point average of at least 3.2 is required. Applications are due 1 May 2012.

GIVING BACK

SUMMER CAMP STUDENT ENDOWMENTS

Please consider giving to our two Summer Camp student endowments. These endowments help undergraduate students attend the Fisheries and Wildlife Summer Camp. For more information on how to contribute, contact **Dr. Chris Moorman** at 919-515-5578 or chris_moorman@ncsu.edu

PHIL DOERR ENDOWMENT FUND

Also, you may consider giving to the **Phil Doerr Endowment Fund**. The endowment, established with the North Carolina Natural Resources Foundation, will be used to fund an annual award to assist undergraduate or graduate student(s) in gaining valuable field experience. For more information on how to contribute, contact **Dr. Chris Moorman** at 919-515-5578 or chris_moorman@ncsu.edu

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Got a story idea or a great photo?

Send your article submissions or pictures of North Carolina's native wildlife to stevecallen@nc.rr.com.