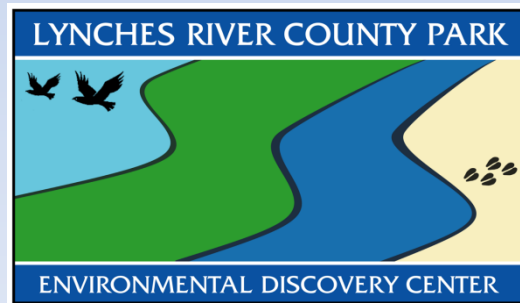




Envirothon 2014 Wildlife Section

Jennifer Majors
Environmental Discovery Center at
Lynches River County Park



General Information

Test Layout:

➤ 25 questions

- Definitions
- Fill in the Blank
- True/False
- Multiple Choice
- Short answer
- Essay
- Extra credit

****Encourage students to be as detailed as possible when answering questions (definitions, short answer, etc.). Also, advise them not to leave a question blank.**

- Identification using mounted species, artifacts, pictures, skins/pelts, tracks, (live specimens possible).

***Referenced species will be common to both SC and GA.**

- Understand cause and effect!

Everything on the test will come straight from the information provided on the Envirothon 2014 website (Curriculum Guidelines):

<http://www.envirothon.org/current-competition.html>

Current Competition Resources

- Georgia DNR Bobwhite Quail Fact Sheet:
http://www.envirothon.org/files/Georgia_game_species.pdf
- Intro to GA Natural History:
http://www.envirothon.org/files/2014/Georgia_Natural_History_for_2014_NA_Envirothon_27pages.pdf
- GA Endangered Species:
http://www.envirothon.org/files/2014/Georgia_Endangered_Species.pdf
- Pollinators: http://www.envirothon.org/files/2014/Pollinators_.pdf
- Armadillo Natural History and Management:
http://www.envirothon.org/files/2014/WildlifeID_Techniques_Combined.pdf

Additional Resources

- WWF Global: http://wwf.panda.org/what_we_do/footprint/agriculture/
- Journal of Soil and Water Conservation: What Sustainable Agriculture Means to Fish and Wildlife <http://www.jswnonline.org/content/46/4/251.extract>
- Hidden Treasures: The Conservation Security Program and Wildlife http://sustainableagriculture.net/wp-content/uploads/2008/10/hidden_treasures.pdf
- National Sustainable Agriculture Coalition: *What's at Stake? Water, Soil, Wildlife Conservation* <http://sustainableagriculture.net/blog/whats-at-stake-conservation/>
- LandScope America: <http://www.landscape.org/south-carolina/>
- Going Native: <http://www.ncsu.edu/goingnative/>
- UF IFAS Extension *Providing Wildlife Cover* <http://edis.ifas.ufl.edu/fr124>
- What is Sustainable Agriculture (download here) <http://www.sare.org/Learning-Center/SARE-Program-Materials/National-Program-Materials/What-is-Sustainable-Agriculture>

Terms and Definitions

- **Agronomic** -- relating to the scientific study of soil management, land cultivation, and crop production
- **Biofuels** -- a renewable fuel that is derived from biological matter, e.g. biodiesel, biogas, and methane
- **Corridor** – areas of continuous habitat that permit animals to travel securely from one habitat to another
- **Cover** -- A description of the protection and seclusion afforded by a combination of vegetation and topography. Some types of cover are: brood, escape, nesting, roosting and winter cover.
- **Integrated pest management (IPM)** -- pest management approach that considers the life cycle of a targeted species and intervenes in reproduction, growth, or development to reduce pest populations to a level not harmful to crops. IPM also works to maintain populations of beneficial insects.

- **Mast** -- fruits or nuts used as a food source by wildlife. Hard mast is the fruit or nuts of trees such as oaks, beech, walnut, chinquapin, and hickories. Soft mast includes the fruits and berries of dogwood, viburnums, elderberry, huckleberry, spice bush, grape, raspberry, and blackberry.
- **Organic Production Systems** -- an ecological production management system that promotes and enhances biodiversity, biological cycles and soil biological activity.
- **Pollination** -- the act of transferring pollen grains from the male anther of a flower to the female stigma
- **Whole-farm Planning** – a holistic approach to farm management used to identify and prioritize environmental issues on a farm without compromising the farm business.
- **Wildlife Openings** - Openings maintained to meet food or cover needs for wildlife. They may contain native vegetation or planted crops and can be maintained by burning, disking, mowing, planting, or fertilizing.

Questions or Comments?

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