



- Gain knowledge of deer biology, food preferences, and habitat
- Estimate deer populations
- Assess habitat quality
- Evaluate forest health

Penn State College of Agricultural Sciences research, extension, and resident education programs are funded in part by Pennsylvania counties, the Commonwealth of Pennsylvania, and the U.S. Department of Agriculture.

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing special accommodations or have questions about the physical access provided, please contact Dave Jackson at 814-355-4897 in advance of your participation or visit.

This publication is available in alternative media upon request.

The Pennsylvania State University is committed to the policy that all persons shall have equal access to programs, facilities, admission, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by University policy or by state or federal authorities. It is the policy of the University to maintain an academic and work environment free of discrimination, including harassment. The Pennsylvania State University prohibits discrimination and harassment against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity, or veteran status. Discrimination or harassment against faculty, staff, or students will not be tolerated at The Pennsylvania State University. Direct all inquiries regarding the nondiscrimination policy to the Affirmative Action Director, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901; Tel 814-865-4700/V, 814-863-1150/TTY.

PENN STATE Making Life Better®

Produced by Penn State Cooperative Extension - Centre County
Copyright © 2010 The Pennsylvania State University

LOCATION / DIRECTIONS:

Brush Mountain Sportsmen's Assoc.

April 3, 2010

The Association is located at the Pinecroft exit of I-99 just north of Altoona. Exit the interstate and travel east towards the base of the ridge approximately 100 yards. Turn right into the BMSA gate and proceed to the clubhouse. The address is: RR #7 Box 631 Altoona, PA 16601.
www.brushmountain.org

Fin Fur and Feather Trading Post

April 6, 2010

The Trading Post is located on the east side of State Route 44, approximately a quarter mile north of the intersection of State Route 44 and 664 in Haneyville. The address is: 17770 North State Route 44, Lock Haven, PA 17745.
www.finfurandfeather.com

Questions? Contact:

Dave Jackson, Penn State Cooperative Extension
814-355-4897 or drj11@psu.edu



Program Partners:

The Nature Conservancy
DCNR Bureau of Forestry
PA Game Commission
Quality Deer Management Association
Brush Mountain Sportsmen's Association
Blair Woodland Association

Penn State **EXTENSION**

AGRICULTURE | COMMUNITY & FAMILY | ENVIRONMENT

Deer Density and Carrying Capacity Workshops



grow

Healthy Deer Herds

Saturday, April 3, 2010

9:00 AM - 4:30 PM

**Brush Mountain Sportsmen's Assoc.
Pinecroft, Blair County, PA**

Tuesday, April 6, 2010

9:00 AM - 4:30 PM

**Fin, Fur, and Feather Trading Post
Haneyville, Lycoming County, PA**

PENNSTATE



an **OUTREACH** Program of the College of Agricultural Sciences, and Penn State Cooperative Extension - Centre County

Deer Density and Carrying Capacity Workshop

Penn State Cooperative Extension and its cooperators are proud to provide you with a day to learn and talk about white-tailed deer biology and management as it relates to the carrying capacity of their habitat. The first half of the day will be spent indoors learning about deer habitat, reproduction, and food preferences. The afternoon will be spent in the field collecting deer population and habitat data to determine an estimate of deer numbers and the carrying capacity of the land. An assessment will then be made to compare the quality of the habitat to the estimated density of the deer population over a given home range.

Who Is It For?

This workshop is designed for natural resource management professionals, sportsmen and women, and forest landowners who are interested in learning more about white-tailed deer biology and habitat. The workshop will teach you how to calculate the deer density in a given forest setting; how to evaluate the condition of deer habitat; and how the condition of the habitat relates to deer biology, deer numbers, and deer carrying capacity. The methods taught have utility in long-term forest health/habitat monitoring. This is an opportunity to talk to wildlife biologists and foresters who have experience in implementing various forest and wildlife habitat management strategies.

What Will We Be Doing?

We will be spending the day discussing and experiencing topics such as:

- Deer Biology
- Food Preferences
- Deer Habitat
- Deer Density Determination
- Habitat Quality Assessment
- Forest Health
- Carrying Capacity Determination

Come prepared to walk in the woods rain or shine.

Agenda

- | | |
|-------|---|
| 8:30 | Registration |
| 9:00 | Welcome/Introductions/Objectives |
| 9:15 | White-tailed Deer Biology, Health and Habitat Requirements |
| 10:45 | BREAK |
| 11:00 | Pellet Group/Browse Impact Survey Methods |
| 12:00 | LUNCH |
| 12:30 | Deer Density Activity – Pellet Group Counts and Habitat Survey in the Field |
| 3:30 | Calculate Deer Density Estimates, Browse Impact and Habitat Comparison |
| 4:30 | Wrap-up/Evaluation |

IMPORTANT:

In the event that the program has to be cancelled due to snow, you will be contacted. We will try to re-schedule.



REGISTRATION FORM

Deer Density Workshops

Name(s) _____

Address _____

City _____

State _____ Zip _____

County _____

Daytime Phone _____

Evening Phone _____

E-mail _____

Pre-registration:

Required by Monday, March 29, 2010

Indicate workshop and number attending:

Brush Mtn. Sportsmen's Assoc., April 3 _____

Fin, Fur, and Feather, April 6 _____

@ \$15 per person (*Fee includes refreshments, lunch, and educational materials*)

Total enclosed: _____

Make checks payable to:

"Extension Special Fund"

Return registration form and payment to:

Penn State Cooperative Extension-Centre County
Willowbank Building, Room 322
420 Holmes Avenue
Bellefonte, PA 16823-1488