

**Field Day and Workshop on Small Broomrape  
(*Orobanche minor*)  
in South Georgia.**

**U.S. Department of Agriculture  
Animal and Plant Health Inspection Service  
Plant Protection and Quarantine**

**In Cooperation With:**

**Department of Biology  
Valdosta State College, Valdosta, Georgia**

**Date: Friday, May 7, 1993.**

**A.M.: Field Assessment. Ochlocknee, Georgia.  
*Orobanche minor* Collection Site.**

**P.M.: Workshop. Valdosta State College,  
Valdosta, Georgia.**

**Field Day: Investigation of collection site of *Orobanche minor* along GA Hwy 188 in Ochlocknee, Thomas County, Georgia (Leave Valdosta State College at 0800).**

- Cooperate with PPQ SER to conduct delimiting survey.
- Collect fresh OM materials for return to WPMC for use in isoenzyme studies with Old Dominion University.
- Hand rogue remaining emerged plants for use as herbarium specimens and as a seed source for research.
- Return seeds and fresh plant materials to Whiteville under permit from NCDA and PPQ.

**Workshop (1:30-5:00):** Biology, Regulation, and Control of *Orobanche minor* and other Noxious Weeds by USDA APHIS PPQ.

**Location:** Powell Hall (Building 23), Valdosta State College, Valdosta, Georgia.

**Objective:** Provide an overview of APHIS efforts to exclude and eradicate foreign noxious weeds such as *Orobanche minor* from the United States.

**1:30. Opening Remarks.** Dr. Richard Carter, Valdosta State College.

**Introductions and Additional Comments.** Arthur Miller, Officer-in-Charge, PPQ, Savannah, GA.

**1:45. Biological Pollution. An Emerging Issue of Global Importance.** Dr. Randy Westbrooks, USDA APHIS PPQ, Whiteville Plant Methods Center (WPMC), Whiteville, NC.

**2:00. Regulatory Exclusion of Federal Noxious Weeds by USDA APHIS.**  
R. Westbrooks.

**2:15. An Overview of APHIS Cooperative Noxious Weed Eradication Projects.**

- Witchweed (*Striga asiatica*) in NC and SC, R. Norris, WPMC, Whiteville, NC.
- Japanese dodder (*Cuscuta japonica*) in SC, R. Norris.
- Branched broomrape (*Orobanche ramosa*) in TX, R. Norris.
- Wormleaf salsola (*Salsola vermiculata*) in CA, R. Norris.
- Goatsrue (*Galega officinalis*) in Utah, R. Norris.
- Common Crupina (*Crupina vulgaris*) in ID, WA, OR and CA.  
R. Westbrooks.
- Hydrilla (*Hydrilla verticillata*) in Imperial County, CA. R. Westbrooks
- Catclaw mimosa (*Mimosa pigra* var. *pigra*) in FL, R. Westbrooks.
- Wild sugarcane (*Saccharum spontaneum*) in FL, R. Westbrooks.

**3:00. Break.**

**3:15. Discovery of *Orobanche minor* at Erskine College. Detection at other Sites in the Southeast through Herbarium Surveys.** R. Norris.

**3:30. Environmental Assessment of *Orobanche minor* in Baker County, GA.** Terry McGovern, USDA APHIS PPQ, Domestic and Emergency Operations, Hyattsville, MD.

**3:45. *Orobanche minor* Eradication Projects now Underway in VA, SC, and GA.**

- Washington County, VA. Jimmy Merritt, WPMC, Whiteville, NC.
- Abbeville, Pickens and Aiken Counties, South Carolina. J. Merritt.
- Baker County, GA. Tom Carter, PPQ Officer, Savannah, GA.

**4:00. Discovery of *Orobanche minor* in Thomas County, Georgia. R. Carter.****4:15. Methods for Detection of *Orobanche minor* in the Southeast through Roadside Surveys and Mallout Brochure. Practical Lessons Learned in the Witchweed Program. J. Merritt.****4:30. Discussion. A. Miller and R. Westbrooks.****5:00. Adjourn.**