

RIGHT OF WAY ENDANGERED SPECIES **SURVEY FOR EAST REGION OF** **GEORGIA.**

The east region consists of 10 counties: Warren, Richmond, McDuffie, Lincoln, Jefferson, Columbia, Burke, Wilkes, Taliaferro and Glascock.

Based on the Georgia Natural heritage Inventory records, the following plants and plant communities were search for on Georgia Power Company rights of way:

Plants:

Dwarf granite stonecrop – *Sedum pusillum*
Sweet pitcherplant – *Sarracenia rubra*
Hooded pitcherplant – *Sarracenia minor*
Indian olive – *Nestronia umbellula*
Pineland Barbara buttons – *Marshallia ramosa*
Winged pod purslane – *Portulaca umbraticola ssp. coronata*
Mat-forming quillwort – *Isoetes melanospora* (**Federal Endangered**)
Pool sprite – *Amphianthus pusillus* (**Federal Threatened**)
Open ground whitlow grass – *Draba aprica*
Piedmont forest

There are two maintenance concerns; Columbia county (granite outcrop area) and Richmond county (pitcherplant bog). There are 4 sites remaining that require surveys.

Discussion and Recommendations: The east region is those counties in the eastern piedmont and some in the upper coastal plain. Granite outcrops are a major feature to this part of the state. The Columbia county site is surrounded by a number of protected plant locations indicating that the right of way goes through a rich area for granite outcrop plants. However the quarry operation seems to have had a drastic effect on historical populations. Recommend limited herbicide use on outcrop and care in access by all company vehicles.

The pitcherplant site in Richmond County may be worthy of selections as a special management area.

SURVEY SUMMARY FOR THE EAST REGION

All the counties within the East Region are summarized below. The GPC number is listed along with the common name of the plant/animal. The numbered line items refer to locations within the county, only those signified by bold print were considered close enough to the ROW to field survey. Line items in regular print refer to animal species not considered in the survey or locations too far from the line to be of concern, usually 500-700 feet.

WARREN COUNTY: (1 location Required Field Survey. No Maintenance Concern)

#554 – Dwarf Granite Stonecrop: This is a 1930 record; the location is now in a quarry. Survey of right of way revealed no outcrop. No Maintenance concern. (Field Note #101/19 March 2001)

RICHMOND COUNTY: (1 Location Required Field Survey/Some Maintenance Concern)

#32 – Sweet Pitcher Plant: A bog with healthy population of pitcherplants. Only habitat is on right of way. Some maintenance concern. (Field Note #43/19 March 2001).

#1181 – Georgia Aster – old record. Detail map indicates it is 618 feet from line.

MCDUFFIE COUNTY: (1 Location Requires Field Survey)

#480 – Indian Olive - Location is off US highway 221, near Jefferson County Line on a 46Kv line. Check. ***

#80 – Georgia Aster - poor location.

LINCOLN COUNTY: (No Locations Require Field Survey.)

#1135 – Sandbar shiner - a 1948 record.

JEFFERSON COUNTY: (1 Location Required Field Survey/No Maintenance Concerns)

#500 – Sweet Pitcher Plant: In Downtown Louisville: No plants observed. No maintenance concerns. (Field Note # 42/25 April 2001)

#1124 – Grit Beardtongue - This is a 1937 record. It is about one mile from the line.

COLUMBIA COUNTY: (7 Clustered Locations in one area Were Field Surveyed. Minor Concern, 3 Locations Require Field Surveys).

#427 – Piedmont Forest: Check ***

#298 – Pineland Barbara Buttons – On ROW (?). Check ***

#190 – Winged Pod Purslane. – 400 feet from line, 1936 specimen. Check***

#871 – Pool Sprite

#566 – Mat-Forming Quillwort

#898 – Dwarf granite stonecrop

#909 – Open Ground Whitlow Grass

(These 4 locations are off the right of way, but fairly close and are part of the granite outcrop that the line crosses)

#521 – Dwarf granite stonecrop

#673 – Mat-Forming Quillwort

#940 – Dwarf granite stonecrop – all 3 locations are north of the right of way and have probably been removed by the quarry operation. Minor Maintenance Concern. (The previous 7 line items were all in general area of a quarry operation, although no plants were found, the area is a good example of an outcrop area/minor concern) (Field Note #44/26 April 2001)however the line does cross a large granite outcrop area that is unique.

BURKE COUNTY: (One Location Required Field Survey. No Maintenance Concern).

#305 – Hooded Pitcher Plant. Old Record. The location is now a pine plantation (Field Note #41/no concerns)

#377 – Rosemary

WILKES COUNTY (No Locations Require Field Survey)

TALIAFERRO COUNTY (No Locations Require Field Survey)

GLASCOCK COUNTY (No Locations Require Field Survey)