

Threatened & Endangered Species Summary

EFFORT MOUNTAIN #1 & #2 138 kV LINE EFFORT TRANSMISSION LINE SPECIES OF SPECIAL CONCERN STATUS REPORT

To: **Doug Haupt**
From: **Richard Mellon, Senior Scientist**
Subject: **Effort Transmission Line Species of Special Concern Status Report**
Date: **October 30, 2009**

Background

Agency responses to PNDI requests regarding Species of Special Concern listed the following species:

- Bog Turtle (*Glyptemmys mulhenbergii*) - federally threatened
- Variable Sedge (*Carex polymorpha*) – state endangered
- Pale Duckweed (*Lemna valdiviana*) – state extirpated
- Toothed Aphaereta Moth (*Aphaereta dentate*) – state imperiled
- Pine-barrens (*Zanclognatha martha*) – state imperiled – critically imperiled
- Barrns Itame (*Itame* sp. 1 near *inextricata*) – state critically imperiled

Current Status:

Field studies indicate no appropriate habitat for any of the target species was found, with the possible exception of Pale Duckweed. Shallow water does exist in vernal pools and wetlands in the forested habitats near Jonas Road (Wetlands D – K). However, field searches failed to locate any duckweed. Therefore, no species of special concern or habitat for species of special concern was found or is expected. Reports to the agencies are currently being prepared.