

## Conservation Research Needs Assessment Results

### Research Topics

1. Impacts of management on species of concern/interest
  - a. Fire seasonality (7)
  - b. Fire frequency (3)
  - c. Herbicides (3)
  - d. Mechanical treatments (2)
  - e. Fire techniques (2)
  - f. Size of burn (1)
2. Pine straw racking
  - a. Impacts on species (3)
  - b. Economic contribution (1)
  - c. Longleaf plantation growth and yield model for Sandhills (1)
3. Best practices for restoring habitats other than uplands (2)
4. Invasive species impacts – fire ants or coyotes (2)
5. Historical fire history (1)
6. Landscape connectivity/dispersal requirements of species (1)
7. Longleaf pine/fungi interactions (1)
8. Population trends of species of concern (1)
9. Predictions of wildfire regimes using climate (1)
10. Correlations of smoldering potential to fuel moisture and size classes (1)
11. Fuel loading realities versus assumptions in smoke management (1)
12. Life history studies of species of concern (1)
13. Reducing competition between RCWs and Red-headed WP by increasing cavities (1)
14. Role of managed early successional fields within landscape (1)

### Planning Topics

1. Locations for
  - a. Species/habitats of interest (3)
  - b. Firebreaks (1)
2. Compilation of current conservation efforts (1)
3. Longleaf pine condition on private and conservation lands (1)
4. Fire management history for last 10 years (1)
5. Barriers preventing and tools to promote prescribed fire on private lands (1)
6. Misconceptions of the operations, science, and laws pertaining to prescribed fire (1)

- 46 suggestions from 18 individuals