

# MGS Working Group

**Goal** - Ensure long-term protection of MGS habitat & viability of species

**Objective 1)** Foster communication and coordination among participants and other interested parties to identify opportunities for collaborative action to further species recovery and the acquisition, protection, restoration and management of MGS habitat.

- ◆ Task 1) Continue commitment to DMG MGS working group.
- ◆ Task 2) Identify funding opportunities
- ◆ Task 3) Identify other collaborators

**Objective 2)** Determine the extent of the MGS range

- ◆ Task 1) Prioritize areas for survey/monitoring
- ◆ Task 2) Update current map
- ◆ Task 3) Determine the most efficient and statistically valid method of locating MGS
- ◆ Task 4) Conduct surveys

**Objective 3)** Determine ecological requirements

- ◆ Task 1) Determine environmental parameters and limiting factors
- ◆ Task 2) Determine habitat elements of population sources, sinks and corridors

**Objective 4)** Develop and implement effective conservation measures to sustain long term viability of the species

- ◆ Task 1) Limit loss of habitat and effects on MGS through effective conservation measures and when applicable through mitigation and compensation
  - 1) Avoid/minimize impacts to MGS and its habitat
  - 2) Restore/enhance habitat
- ◆ Task 2) Secure and/or manage sufficient core habitat and corridors to maintain self sustaining populations
- ◆ Task 3) Develop and implement interim conservation measures

- ◆ Task 4) Maintain genetic variation through out the range

**Objective 5) Develop and Implement an Adaptive management plan**

- ◆ Task 1) Long term monitoring for status trends
- ◆ Task 2) Population estimates and baseline population data
- ◆ Task 3) Continue to support research that promotes conservation of MGS
  - 1) Locate core populations
  - 2) Determine important corridors between core areas
  - 3) Determine barriers to movement and id measure to minimize barriers
  - 4) Document genetic variation through out the range
- ◆ Task 4) Create/maintain central data base
- ◆ Task 5) Standardize data collection
- ◆ Task 6) Investigate potential for translocation/reintroduction of MGS
- ◆ Task 7) Assess need for and develop education materials as necessary
- ◆ Task 8) Effectiveness monitoring of measures and make changes in implementation if needed.