# PRIORITIZE AND PROTECT SENSITIVE OR AT-RISK SPECIES OR COMMUNITIES

#### **OBJECTIVE**

Maintain the species diversity of the ecosystem.

#### **DESCRIPTION**

By prioritizing maintenance of sensitive and at-risk species or communities, managers can sustain these species on-site for as long as possible or until new long-term sites can be located and populated. An example of an adaptation tactic under this approach is to identify and protect high-quality stands of hemlock or other desired forest types to serve as refugia identified for long-term maintenance of the type. This approach could also be used to identify and create refugia for threatened and endangered plant or animal species.

#### **EXPECTED RESULTS**

Higher species diversity in this forest type increases its overall adaptive capacity.

#### **RESULT INDICATORS**

Number of sensitive species protected

#### **INVOLVED ACTORS**

Local government, local stakeholders, environmental agencies.

### **EXPECTED TIMELINE FOR ACTION**

• Short term (1-4 years)

### **BEST PRACTICES**

- Tennessee USA
- Massachusetts USA
- Europe

## **CRITICALITIES**

Protection actions may require changes in the fruition of the area with consequent interference with touristic activities.

#### **SCOPE OF THE ACTION**

- Adaptation
- Mitigation



# **TYPE OF PROPOSED ACTIONS**

- Green
- Soft

# **SECTOR OF ACTION**

- Biodiversity / Conservation of ecosystems
- Other

# **CLIMATE IMPACTS**

- Change or loss of biodiversity
- Other

# **IMPLEMENTATION SCALE**

- Province
- Region / Country

# **SOURCE**

https://www.nrs.fs.fed.us/

