Habitat mapped for 9 species:

- Painted Turtle
- Great Basin Gopher Snake
- Northern Pacific Rattlesnake
- Lewis’ Woodpecker
- Flammulated Owl
- Western Screech-owl
- Townsend’s Big-eared Bat
- Badger
- California Bighorn Sheep
Species Selection Rationale

- Known to occur in area
- Adequate knowledge of habitat use
- ‘At Risk’ (provincial and/or federal)
- Cross-section of taxonomic groups and habitat types
- Cultural importance
1. Rating Schemes – based on knowledge level of habitat use

<table>
<thead>
<tr>
<th>Relative to Benchmark</th>
<th>6-class (Substantial Knowledge)</th>
<th>4-class (Intermediate Knowledge)</th>
<th>2-class (Limited Knowledge)</th>
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Relative to Benchmark: Likely No Value, Useable, Habitat Useable.
Habitat Ratings Standards

2. Themes – one for each life requisite and habitat use (including season of use)

Examples:

| Painted Turtle | • Security/Thermal habitat for Reproduction, all year (egg-laying sites)  
|                | • General Living, all year (ponds)  
| California Bighorn Sheep | • Food for general Living during Growing season  
|            | • Security habitat for general Living during Growing season  
|                 | • Food for general Living during Winter  
|                  | • Security habitat for general Living during Winter  
|                   | • Security habitat for Reproduction (lambing cliffs)  

1. Create Ratings Table:

- Generate table listing all occurring Ecosystem Units
- Assign wildlife habitat rating to each Ecosystem Unit for each theme

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2. Apply ratings to TEM polygons using ERM tool, which links three sources:

- Spatial data
- TEM database
- Ratings table
Painted Turtle Suitability

Status: Blue

Habitats:
- Living (foraging/security)
- Breeding
Rattlesnake Suitability

Status: Blue, Threatened

Habitats:
- Basking/denning
- Foraging
Gopher Snake Suitability

**Status:** Blue, Threatened

**Habitats:**
- Basking
- Egg-laying
- Foraging
Lewis’ Woodpecker Suitability

**Status:** Blue, Special Concern

**Habitats:**
- Nesting
Western Screech-owl Suitability

**Status:** Red, Endangered

**Habitats:**
- Nesting
- Foraging buffer
Flammulated Owl Suitability

Status: Blue, Special Concern

Habitats:
- Nesting
Townsend’s Big-eared Bat Suitability

**Status:** Blue

**Habitats:**
- Roosting
- Foraging
Badger Suitability

**Status:** Blue, Threatened

**Habitats:**
- General Living (denning / foraging)
Status: Blue

Habitats:
- Lambing
- Escape Terrain
- Foraging
Composite Map

- High and Moderate Suitability values for all species
- Includes the 12 most important habitat uses of the 9 wildlife species
Applications

Broad Scale:
• Integration with SEI for landscape conservation planning (core areas, buffers, corridors).

Fine Scale:
• Preliminary mitigation planning for development (avoiding critical habitats or features, retaining corridors, reducing road mortality).