

# Panel 4: Habitat Conservation Plans



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# Listed Species Examples



## American Burying Beetle

- Mid-West US
- Status: Endangered
- Facts: A carrion beetle; both parents care for offspring (unusual).

## Northern Long Eared Bat

- Eastern & North Central US



- Status: Threatened / 4(d)
- Facts: Several species of bat are listed as endangered or threatened throughout the US and have varied roosting and breeding habitats

## Lesser Prairie Chicken

- KS, TX, OK, NM, CO
- Status: Delisted but recently under consideration for relisting



# Other Species Examples



## Monarch Butterfly

- Found Nationwide
- Important Pollinator

## Tricolored Bat

- Found in the Eastern US



## Rusty Patch Bumble Bee

- Found Nationwide
- Important Pollinator



# Options for ESA Compliance

Avoidance	Programmatic Consultations	Candidate Conservation Agreements (Assurances)	Safe Harbor Agreements	Habitat Conservation Plans
<ul style="list-style-type: none"> <li>▪ Avoid Impacts to Listed Species</li> <li>▪ Locate Projects Outside Habitat</li> </ul>	<ul style="list-style-type: none"> <li>▪ If Federal Nexus, ESA Section 7 Applies</li> <li>▪ Consultation from Fish and Wildlife Service</li> </ul>	<ul style="list-style-type: none"> <li>▪ Covers Species Proposed for Listing</li> <li>▪ Does Not Apply to Listed Species</li> <li>▪ Provides Pro-active Protection</li> <li>▪ Voluntary</li> <li>▪ No Additional Action Necessary if Species Listed</li> </ul>	<ul style="list-style-type: none"> <li>▪ Similar to CCA(A)</li> <li>▪ Covers Listed Species</li> <li>▪ Include Assurances for Land Owners Regarding Future Obligations</li> </ul>	<ul style="list-style-type: none"> <li>▪ ESA 10(a)(1)(B)</li> <li>▪ Mechanism to Obtain Incidental Take Permit</li> <li>▪ Provide for Conservation Needs where Take is Possible</li> </ul>

# Considerations for Doing an HCP

## Pros:

- Allow for Long Term Certainty
- Increases Project Efficiency After Implemented
- Provides Incidental Take Permit

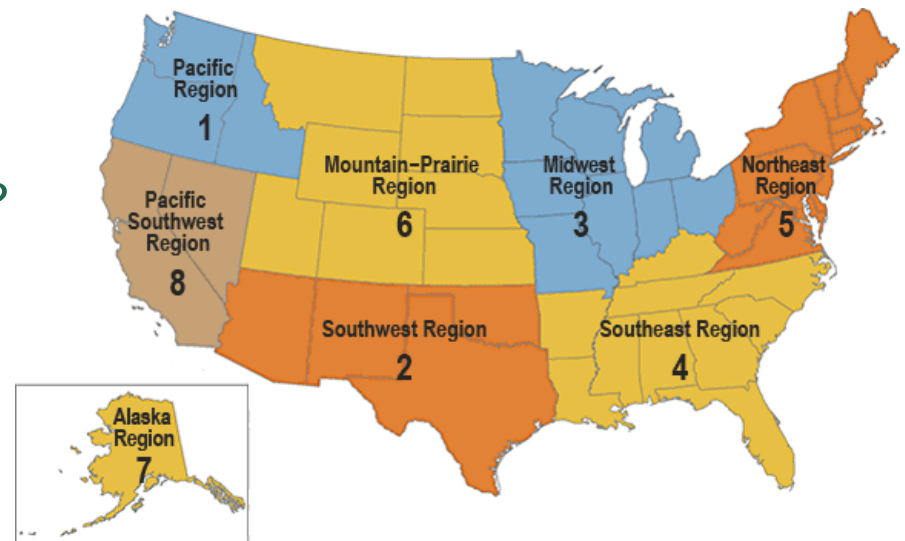


## Cons:

- Costly to Develop
- Time Consuming to Develop
- Requires Considerable Effort
- Uncertain Results

# Decisions to Make

- Define Expectations
  - What Species
    - FWS may ask for coverage for multiple species
  - What Area
    - Plans crossing regions pose additional hurdles
    - May have to avoid areas, or use unexpected areas
  - What Duration?
  - What Schedule?
  - What Permit Structure?
  - Who to Involve?
    - Industry wide?
    - Project specific?





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