

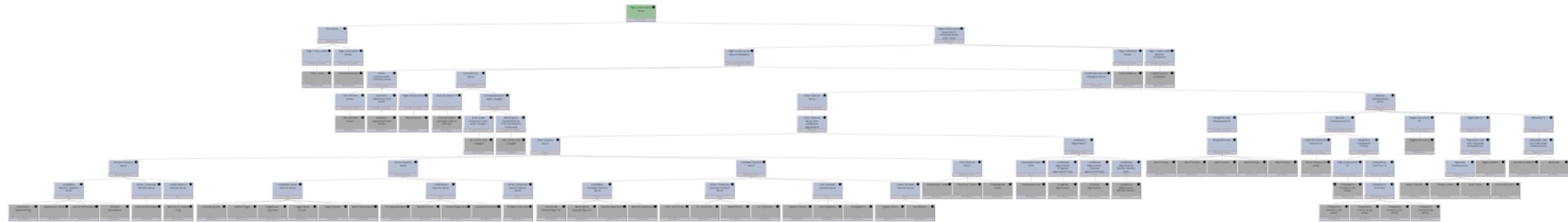
Conservation Mapping Group Update

Presented by Michael Ritter, Washington Department of Fish and Wildlife

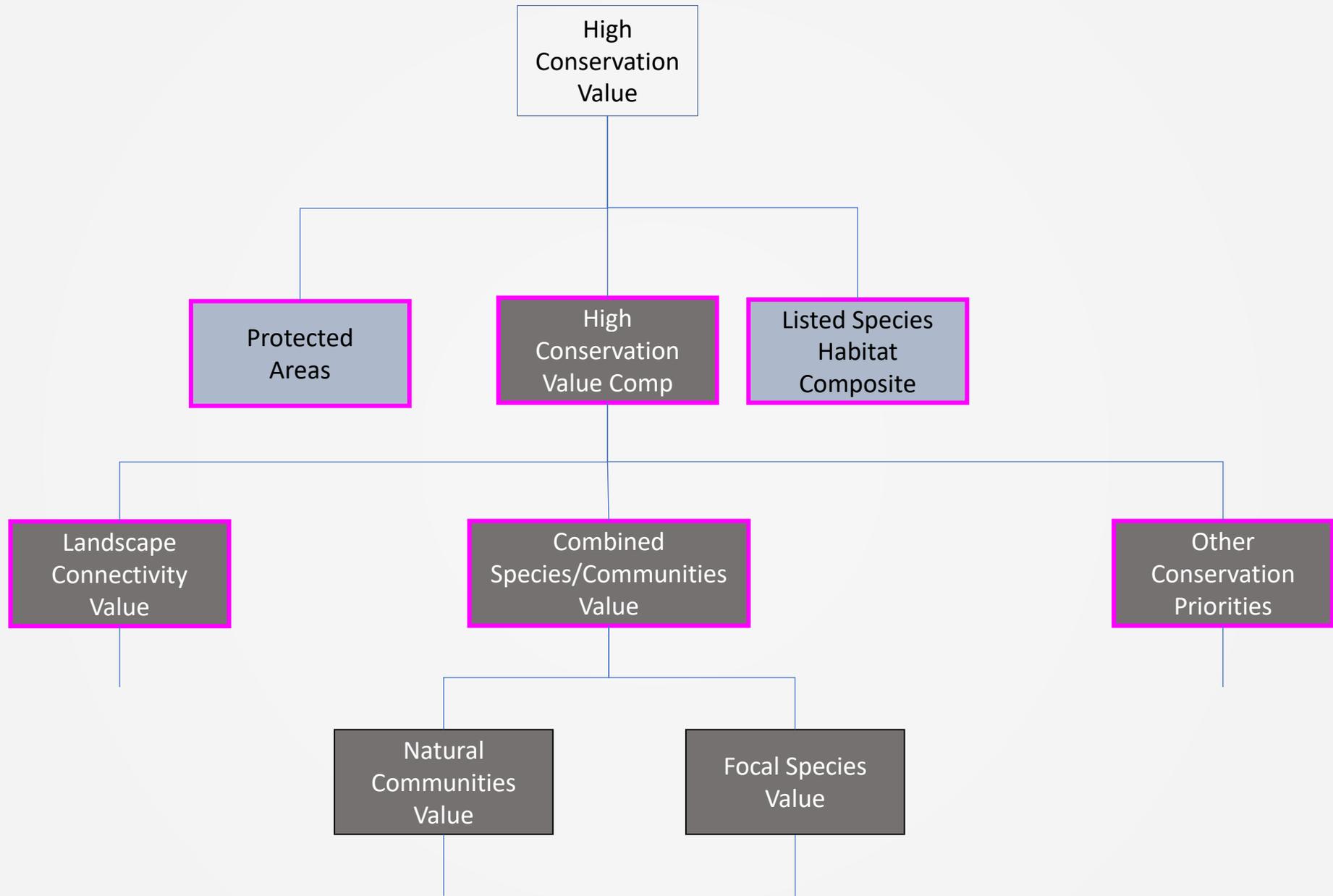
Goal: Produce a map that illustrates the relative value of conservation lands based on available spatial data.



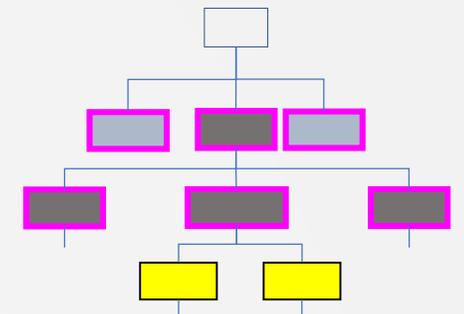
Conservation Value Model Overview



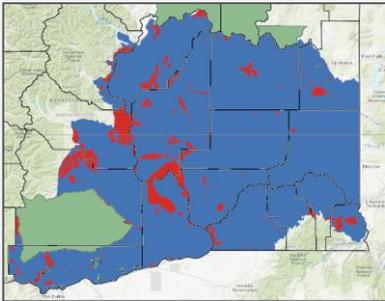
- 66 data inputs (some made by combining multiple data sources) (gray boxes)
- 54 intermediate maps (light blue boxes)



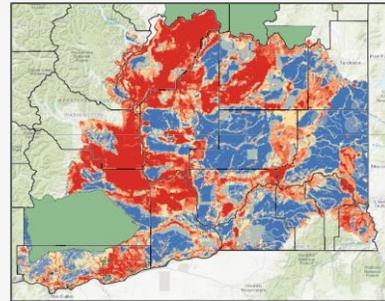
High Conservation Value



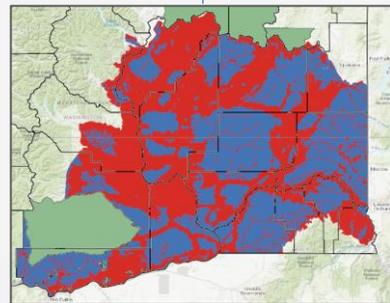
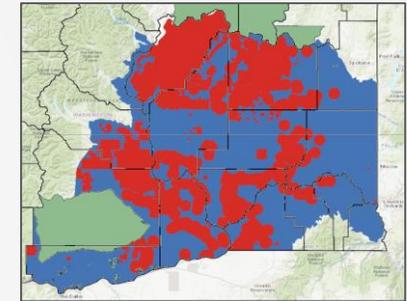
High Protected Areas



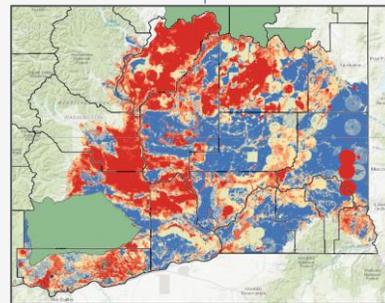
High Conservation Value Composite



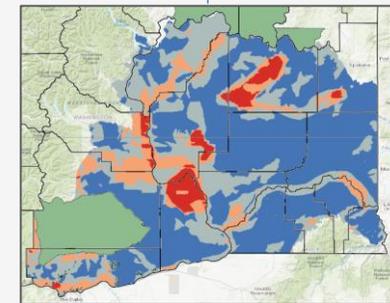
Listed Species Composite



Connectivity Value



Combined Species/
Ecosystems Value

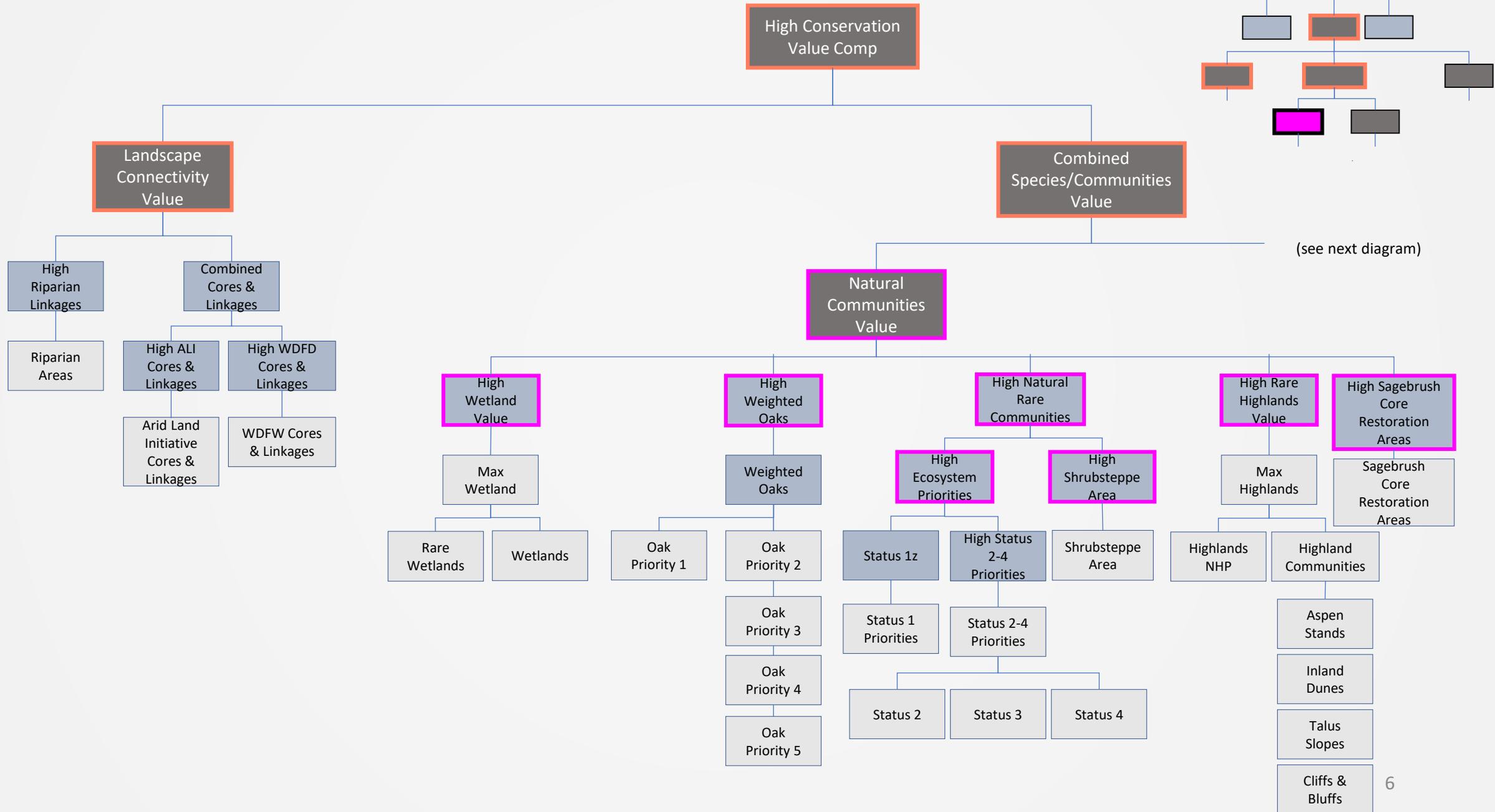


Other Conservation Priorities

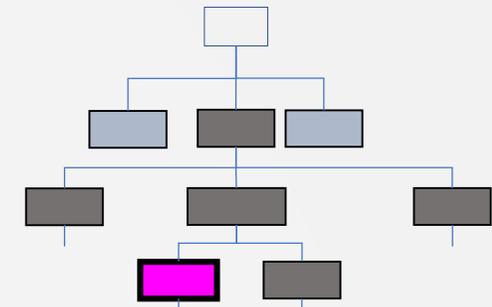
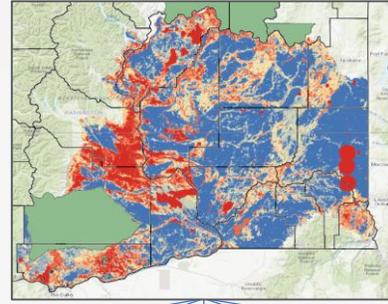


Natural Communities

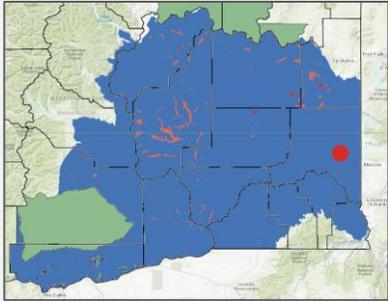




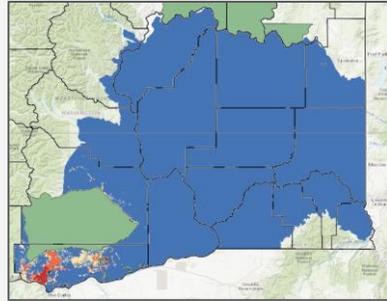
Natural Communities Value



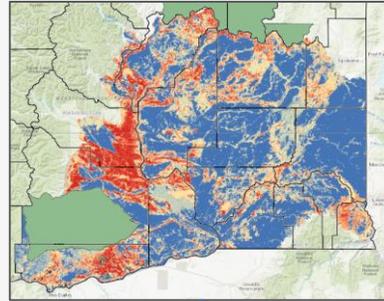
High Wetland Value



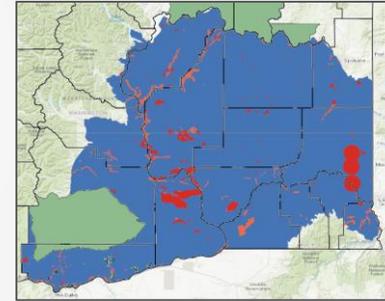
High Weighted Oaks



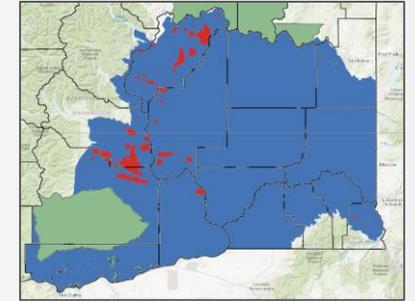
Natural Rare Communities



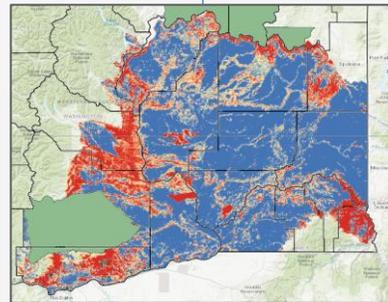
High Rare Highlands



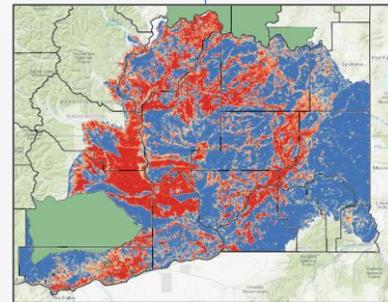
High Sagebrush Cores



High Ecosystem Priorities



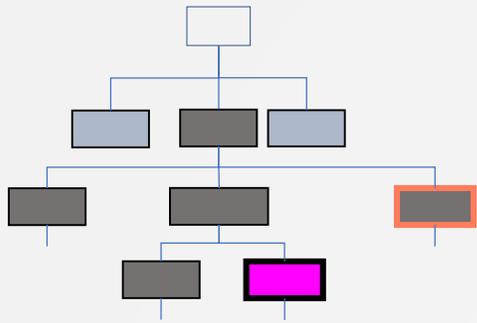
High Shrubsteppe Area



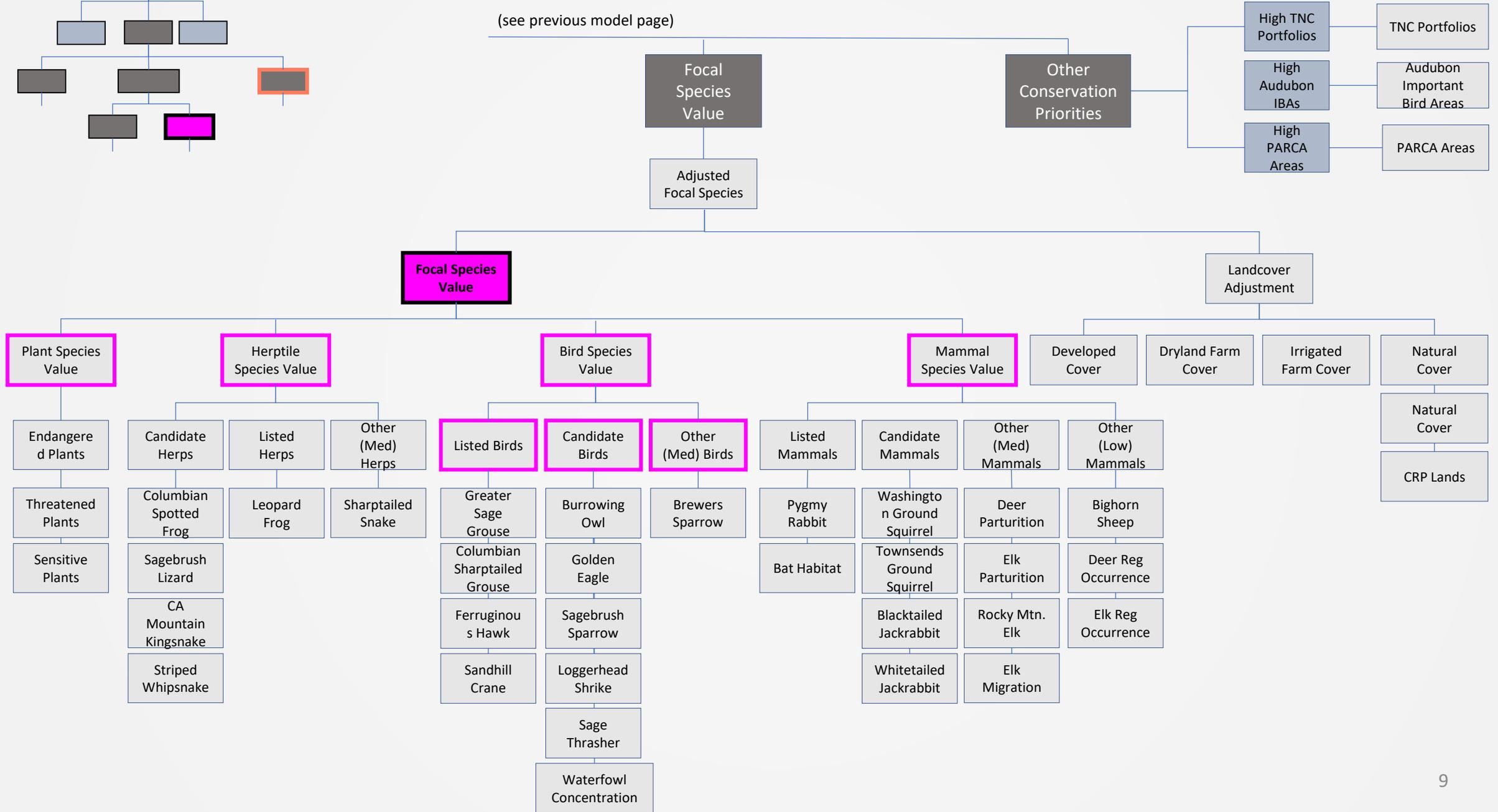
Vertebrate Focal Species



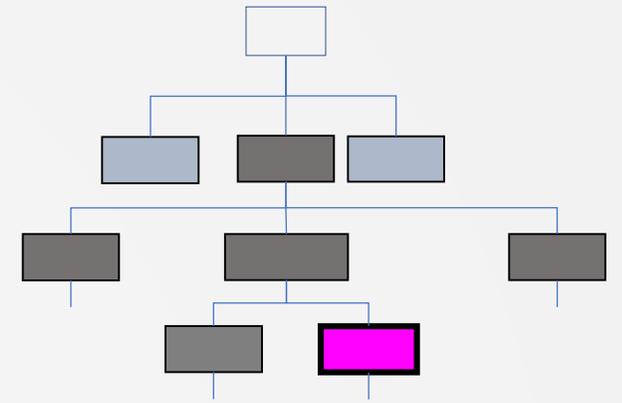
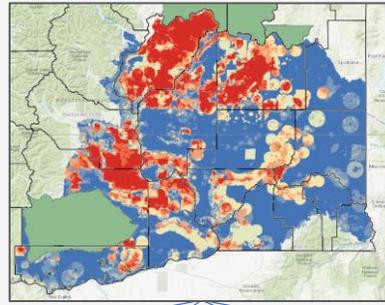
Listed Species	Candidate Species	Other Species of Interest (Med)	Other Species of Interest (Low)
Mammals			
Pygmy Rabbit Bat Habitat	Washington Ground Squirrel Townsend's Ground Squirrel Blacktailed Jackrabbit Whitetailed Jackrabbit	Deer Parturition Elk Parturition Rocky Mountain Elk Elk Migration	Bighorn Sheep Deer Regular Occurrence Elk Regular Occurrence
Birds			
Greater Sage Grouse Columbian Sharp-tailed Grouse Ferruginous Hawk Sandhill Crane	Burrowing Owl Golden Eagle Sagebrush Sparrow Loggerhead Shrike Sage Thrasher Waterfowl Concentrations	Brewer's Sparrow	
Herpetiles			
Nothern Leopard Frog	Columbian Spotted Frog Sagebrush Lizard California Mountain Kingsnake Striped Whipsnake	Sharp-tailed Snake	



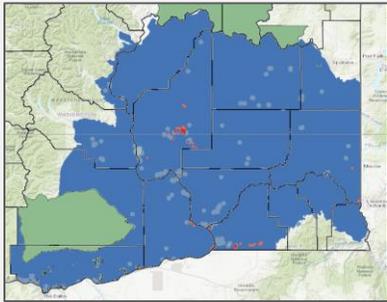
(see previous model page)



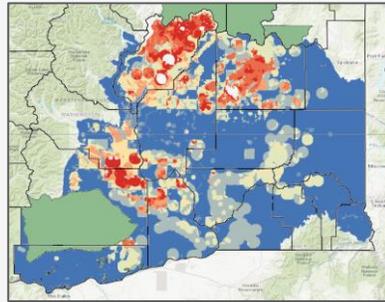
Focal Species Value



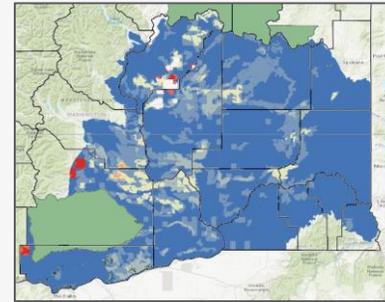
Herptile Species Value



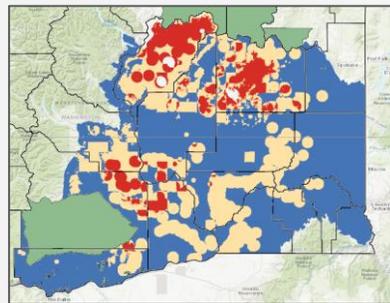
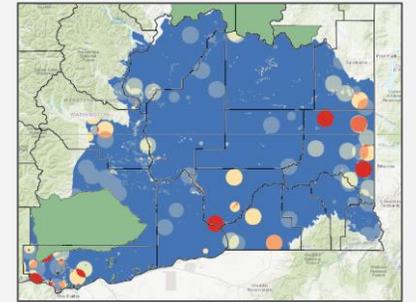
Avian Species Value



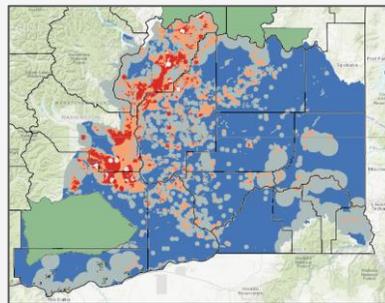
Mammal Species Value



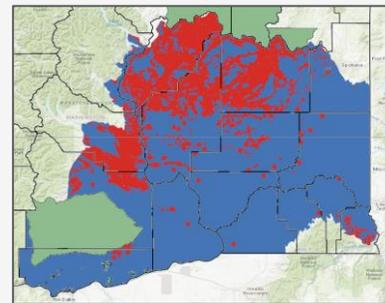
Plant Species Value



Avian Listed Species



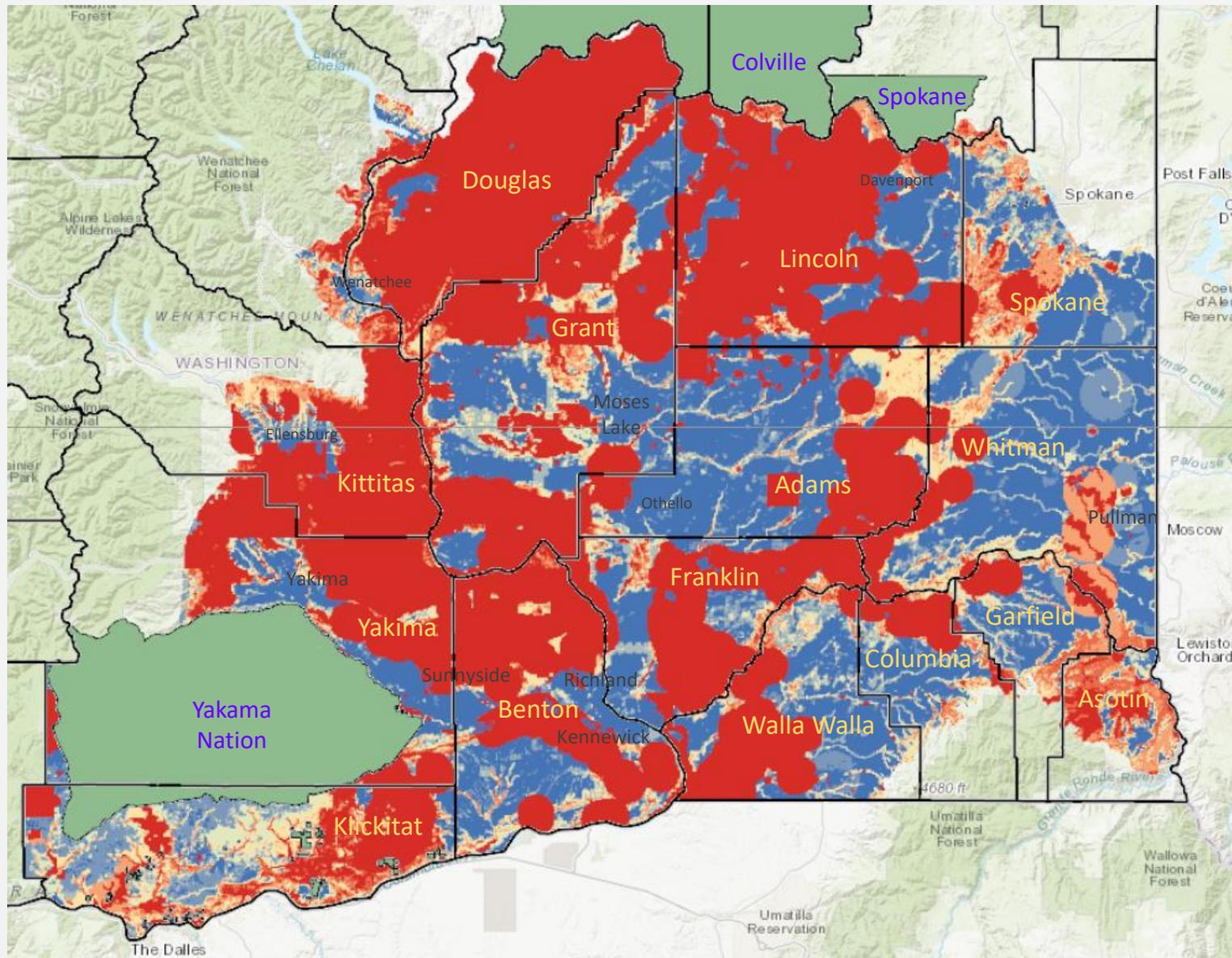
Avian Candidate Species



Avian Other Species



Conservation Value Review Draft

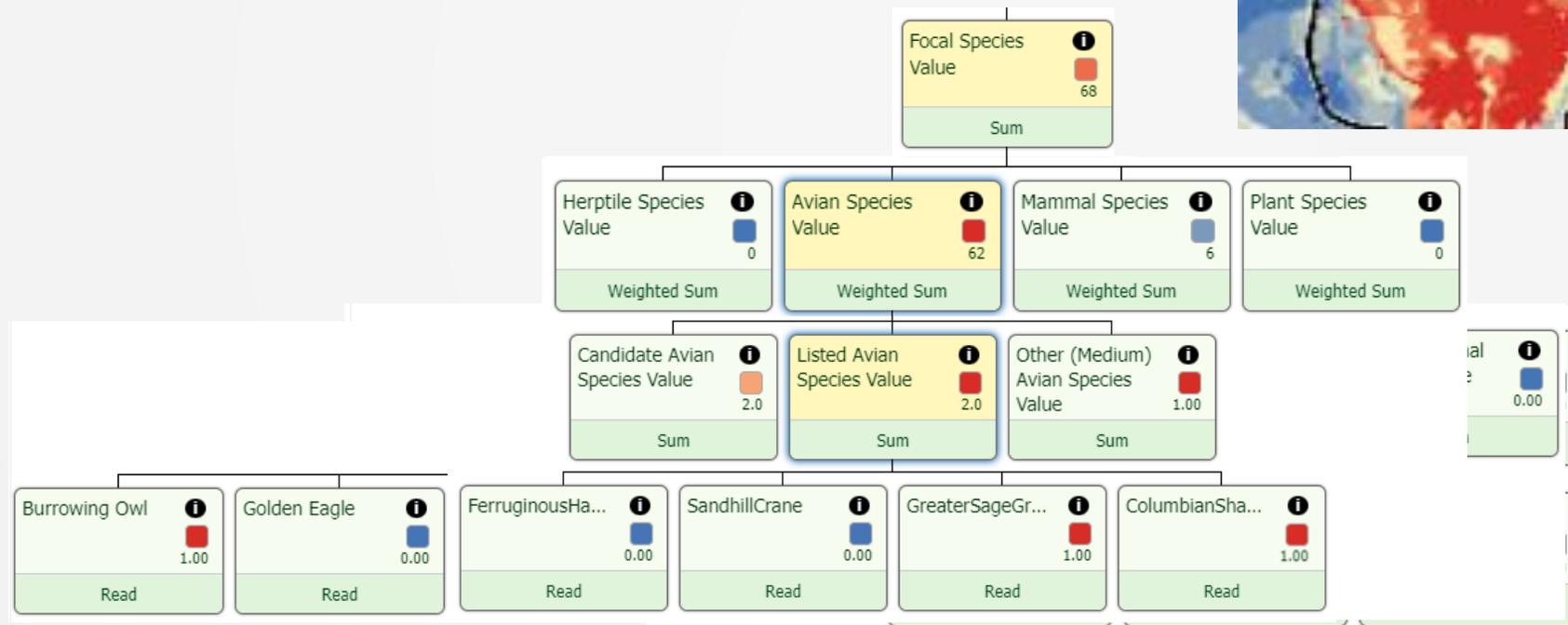
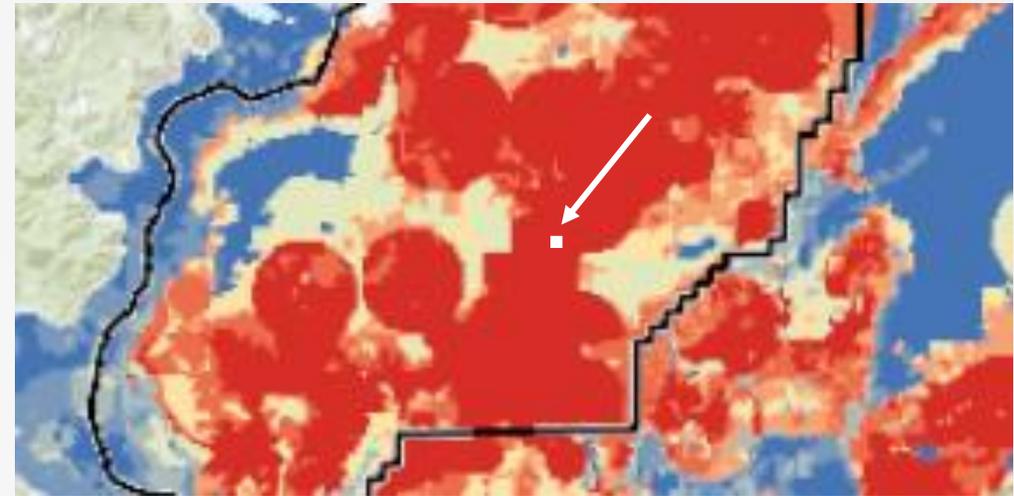


Conservation Value



Conservation Value	Acres	Percent
Very High	6,988,191	49.07%
High	418,102	2.94%
Moderately High	641,176	4.50%
Slightly High	645,500	4.53%
Slightly Low	692,388	4.86%
Moderately Low	535,662	3.76%
Low	805,253	5.65%
Very Low	3,515,748	24.69%
Totals	14,242,020	100.00%

Conservation Model Transparency



Next Steps

- Share with colleagues and others for review and comment
- Add a few more species
- Make final model refinements

