White River Fishery in Utah

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Endangered Species
Threatened Species
Importance of White River

Designated critical habitat for both Razorback and Pikeminnow

Three species stronghold

Critical for Upper Colorado River Basin native species
Sampling Results

2016 population estimates

- 270 Bluehead/Mile (234 – 427)
- 316 Flannelmouth/Mile (274 – 496)
Community Composition and Length Frequency (2016)
Young of Year Surveys

![Graph showing CPUE (fish/hr) and Cubic Feet/Second over time with different categories like BH, FM, RT, and Max spring runoff.]

- CPUE (fish/hr)
- Cubic Feet/Second
- BH
- FM
- RT
- Max spring runoff
Reasons for Decline

- Increase in invasive species
- Loss of habitat
- Low run off years
What can we do?

River and habitat restoration
- Removing invasive plants
  - Allow for movement within floodplain

Remove invasive species
- Reduce predation and hybridization risk

Increase spring run-off and base flows
- Increase available spawning and rearing habitat
Conclusion

The White River is critical for the Upper Colorado River basin native fish
Recent changes in recruitment are a concern
Expansion of smallmouth bass are a concern
River restoration work should help all of the native fish species
Questions