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## Gila River Basin Native Fishes Conservation Program – Annual Reporting Meeting

**December 11, 2023**  
**8:00 am to 4:30 pm MST**

**Gila National Forest – Silver City District Office:**  
3005 Camino del Bosque, Silver City, NM 88061

Virtual Option: [Click HERE to join the meeting!](#)

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### AGENDA

#### Annual Reporting Meeting Objectives:

- Provide updates on 2023 Program accomplishments.
- Discuss upcoming non-Program funding opportunities.
- Overview of YY Male – Next Steps, Geomorphology Surveys Using LiDAR, and Tularosa Fish Passage Project.

Monday, December 11, 2023	
8:00 am	<b>Welcome</b> <i>Kent Mosher, USBR</i>
8:10 am	<b>Agenda Review and Introductions</b> <i>Betsy Grube, USBR</i>
8:20 am	<b>Species Status Update</b> <i>Scott Richardson, USFWS</i> <ul style="list-style-type: none"><li>• Spikedace and Loach Minnow</li><li>• Gila Topminnow</li><li>• Razorback sucker</li><li>• Gila Chub</li><li>• Narrow-headed and Northern Mexican Gartersnakes</li></ul>
8:30 am	<b>Gila River Basin Fish Monitoring</b> <i>Paul Reap, Marsh and Associates &amp; Yale Passamaneck, USBR</i> <ul style="list-style-type: none"><li>• 2023 Monitoring Results</li><li>• Plans for 2024</li><li>• CAP eDNA Metabarcoding Update</li></ul>
9:00 am	<b>Native Fish Genetics Management Plans</b> <i>Steven Mussmann, USFWS</i> <ul style="list-style-type: none"><li>• Gila Topminnow</li><li>• Loach Minnow/Spikedace</li></ul>
9:20 am	<b>Genetic Diversity of US and Mexico Topminnow Populations</b> <i>Mariana Mateos, Texas A&amp;M</i> <ul style="list-style-type: none"><li>• Project Update</li></ul>
9:30 am	<b>BREAK</b>
9:45 am	<b>Aquatic Research and Conservation Center</b> <i>Josh Walters &amp; Hudman Evans, AGFD</i> <ul style="list-style-type: none"><li>• 2023 Production Numbers</li><li>• Planned Hatchery Collections</li></ul>
10:05 am	<b>Arizona Game and Fish Department</b> <i>Brian Hickerson &amp; Crosby Hedden, AGFD</i> <ul style="list-style-type: none"><li>• 2023 Project Updates (Stockings, Removals, Monitoring, etc.)</li></ul>
10:35 am	<b>Bureau of Land Management – Safford Field Office</b> <i>Heidi Blasius, BLM</i> <ul style="list-style-type: none"><li>• Bonita and Aravaipa Creeks Nonnative Fish Removal</li></ul>
11:05 am	<b>New Mexico Native Fish Conservation Projects</b> <i>Jill Wick &amp; Jasmine Johnson, NMDGF</i> <ul style="list-style-type: none"><li>• 2023 Project Updates (Stockings, Removals, Monitoring, etc.)</li></ul>

11:25 am	<b>West Fork Black River Native Fish Restoration on Tribal Lands</b> <i>Zac Jackson, AZFWCO</i> <ul style="list-style-type: none"> <li>2023 Project Update</li> </ul>
11:45 am	<b>LUNCH</b>
1:00 pm	<b>Upper Verde River Fish Habitat Assessment</b> <i>Jackson Leonard, USFS</i> <ul style="list-style-type: none"> <li>Project Overview/Update</li> </ul>
1:20 pm	<b>Razorback Sucker Investigations in the Verde River</b> , <i>Chris Jenny, UArizona</i> <ul style="list-style-type: none"> <li>2023 Project Update</li> </ul>
1:40 pm	<b>Mechanical Investigations Using YY Male Fish</b> <i>Chad Teal, USU</i> <ul style="list-style-type: none"> <li>Computer Simulations</li> <li>Future Plans with Population Genetic Testing and Estradiol-17<math>\beta</math> Derived Pathology</li> </ul>
2:00 pm	<b>CART (formerly known as CCAST)</b> , <i>Karlee Jewell, USFWS</i> <ul style="list-style-type: none"> <li>2023 Project Update</li> </ul>
2:20 pm	<b>Gila River Basin Film Project</b> <i>Jeremy Monroe, Freshwaters Illustrated</i> <ul style="list-style-type: none"> <li>Project Update</li> </ul>
2:40 pm	<b>BREAK</b>
2:55 pm	<b>Upcoming Funding Opportunities</b> <i>Lisa Rivera, USBR</i> <ul style="list-style-type: none"> <li>WaterSMART</li> </ul>
3:15 pm	<b>YY Male – Next Steps</b> <i>Chad Teal, USU</i> <ul style="list-style-type: none"> <li>Other YY Male Projects</li> <li>Regulatory Compliance Requirements</li> </ul>
3:35 pm	<b>Geomorphology Surveys Using LiDAR</b> <i>Lauren Tango, NAU</i> <ul style="list-style-type: none"> <li>Comparison of geomorphology survey methods</li> </ul>
3:55	<b>Tularosa Fish Passage Project</b> <i>Yvette Parov and Eileen Henry, USFS</i> <ul style="list-style-type: none"> <li>Project Overview/Update</li> </ul>
4:05 pm	<b>Flex Items/Open Discussion</b>
4:30 pm	<b>Wrap-up and Adjourn</b>

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## Gila River Basin Native Fishes Conservation Program – Technical Committee Meeting

December 12, 2023  
8:30 am to 12:30 pm MST

Gila National Forest – Silver City District Office:  
3005 Camino del Bosque, Silver City, NM 88061

Virtual Option: [Click HERE to join the meeting!](#)

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### AGENDA

#### Technical Committee Meeting Objectives:

- Discuss 2024 workplan adjustments, 2025 proposed projects, and Tier 2 projects.
- Provide updates on other projects.

Tuesday, December 12, 2023	
8:30 am	Welcome and Recap of Annual Reporting Meeting <i>Kent Mosher, USBR</i>
8:40 am	Program Updates <i>Kent Mosher, USBR</i> <ul style="list-style-type: none"><li>• Technical/Policy Committee Representative Updates</li><li>• CAP Consultation Re-initiation</li><li>• Timeline Review</li></ul>
9:00	FY 2024 Workplan <ul style="list-style-type: none"><li>• Workplan Clarifications</li><li>• Project Adjustments</li></ul>
9:45	FY 2025 Proposed Projects <ul style="list-style-type: none"><li>• 2025 Proposed Projects</li><li>• Q&amp;A and Next steps</li></ul>
10:30	<b>BREAK</b>
10:45	Information and Education <i>Betsy Grube, USBR</i>
10:55	Fish Barriers <i>Kent Mosher, USBR</i>
11:35	Tier 2 Project Discussion <ul style="list-style-type: none"><li>• Review Previous Ideas</li><li>• New Ideas</li></ul>
12:15	Wrap-up Next Steps <ul style="list-style-type: none"><li>• 2024 Meeting Location and Date</li></ul>
12:30 pm	Adjourn