Achii Hanyo Native Fish Rearing Facility

2017 Update
2017 Operations

• Major focus on predator exclusion, limited staffing during 2016 resulted in poor survivability in ponds
• 6 of 9 ponds were operational due to lack of holdover fish from 2016
• Netting to be fitted completely over ponds before they are used for fish
Bird Exclusion

- Ponds less than 0.5 Acres
  - Wire rope anchored to fence poles support lightweight netting
  - Netting anchored to pond edge with rebar stakes
  - Some birds are able to get through (grebes and kingfishers) but cormorants have been non existent
Bird Exclusion

- Large Ponds Require
  - More support for wire across large spans
  - Sturdy anchor points and enough tension to keep netting out of water
Bird Exclusion

• New Structures
  • 12 foot posts buried 4 feet deep
  • Wire rope tensioned between each post
  • Wire rope running the edge of the pond to anchor netting to
December 2017
Bonytail Harvest

• 2014 Class: 17% yield
  • 116 fish to Reach 4
• 2016 Class: 28% yield
  • 297 fish TO Reach 4
• Lake Mead Hatchery
  • 500 additional fish 200-300mm were transferred for further growth
• Only 2017 Year Class fish are left on station

Largest = 440mm
New Fish on Station: Spring of 2017

- Razorback Sucker
  - April and early May fish arrive on station
  - 9,000 fish/41.53 lbs total @ ~220 fish/lb

- Bonytail Chub
  - Early June fish arrive on station
  - 10,000 fish/3 lbs total @ 3,500 fish/lb
6 Month Growth Progress

- Razorback Sucker
  - Stocked: 220 fish/lb (60 mm)
  - Fish Health Inspection: 8 fish/lb (180 mm)
    - Max Length = 285 mm

- Bonytail Chub
  - Stocked: 3,500 fish/lb (20 mm)
  - Fish Health Inspection: 52 fish/lb (85 mm)
    - Max Length = 120 mm
Questions and Comments