

# NPS – Fisheries Activities 2017-18 (FY18)

- Comprehensive Fisheries Management Plan:
  - Bright Angel Creek trout control
    - Repeat effort of 2012-17, while review occurs
    - Considering some slight adjustments to design
  - Small-bodied fish monitoring (seining – “the razorback project”)
    - 57 Sites, Bright Angel (RM 87) to Pearce Ferry (Rm 280)
- Brown trout telemetry:
  - Objectives:
    - Characterize movement, habitat use
    - Determine vulnerability to electrofishing



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## Lees Ferry Brown Trout Telemetry Pilot Study

- 10 BNT tagged on 1 Feb, 2017 at -4 mi bar
- 2 active telemetry passes / day for first week (boat with towable hydrophone listening from Dam to Lees Ferry)
- Weekly passes for first month
- Monthly passes through present
- Contacts have slowly declined; at the moment 2-3 fish are detected in a deep eddy at -2.5 mi
- 2 tags have been recovered from angled fish
- SURs at Ferry have detected only 1 downstream outmigration in first week
- Plans to deploy 30 additional tags this winter during spawning season; need to coordinate with an electrofishing trip to capture fish



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