The SNAMP Fisher Study: Indicators for Fisher Management

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Update/New Information from the SNAMP Fisher Project:

- We've defined several “Indicators for Fisher Management” within our study area
- Data on these parameters to be reported annually during Fisher IT meetings hosted by SNAMP Public Participation (typically in July)

1. **Occupancy** in key watersheds
2. Adult female **survival** rate
3. **Population** size in key watersheds
New Findings: Occupancy Surveys in Key Watersheds

- Number grids surveyed: 114
  - Fisher Active Grids: 123
    - Grids with fisher activity: 67%
      - % surveyed with fishers: 54%

- Fisher Active Grids: 123
  - Grids with fisher activity: 71%
    - % surveyed with fishers: 58%

Pre-treatment data are in place; waiting for treatments to occur

Management Indicators: Reproduction/Fecundity/Survival

- Ad female mean reproduction 1st three years: 86%
- Ad female mean fecundity 1st three years: 1.6 kits/year
- Overall survival = 66.4%, varies by sex, age, lower in SNMP study than Kings River (73.9%)
- Overall Ad female survival: 83.6% (Kings River 77.6%)

NOTE: Data are preliminary, and we have yet to update/finalize survival analyses for population year 3 (data reported are through January 2010).
REVIEW: Numbers of Fishers Using Key Watersheds during Population Year 2 (01 Apr 08 – 31 Mar 09)

Population Year 2: 8.5 adults using Key Watersheds Area

New Findings: Numbers of Fishers Using Key Watersheds during Population Year 3 (01 Apr 09 – 31 Mar 10)

Population Year 3: 7.1 adults using Key Watersheds Area:
no change for adult females, minimal change for males (*M08)
SNAMP Fisher Study: Acknowledgments

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