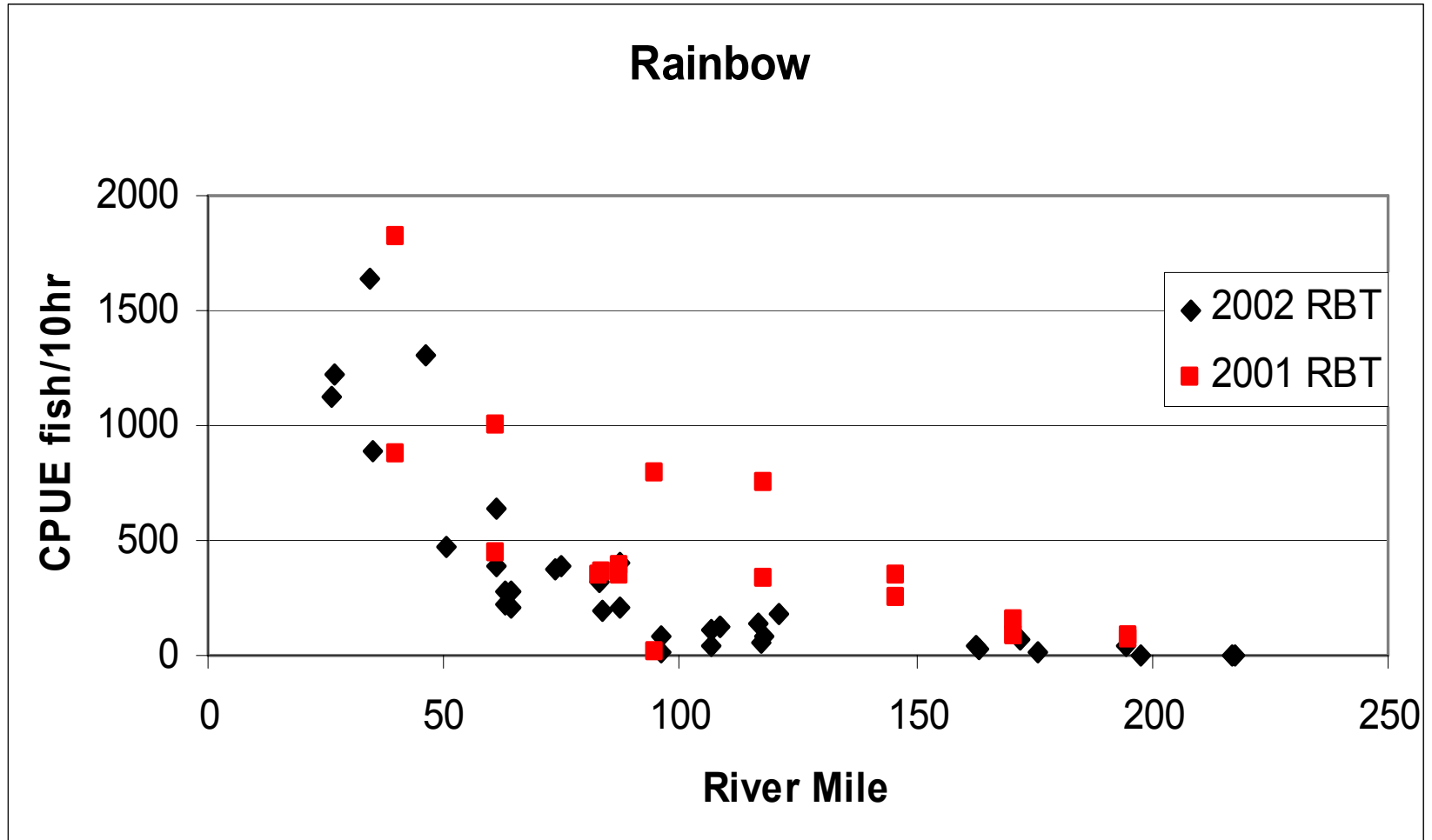


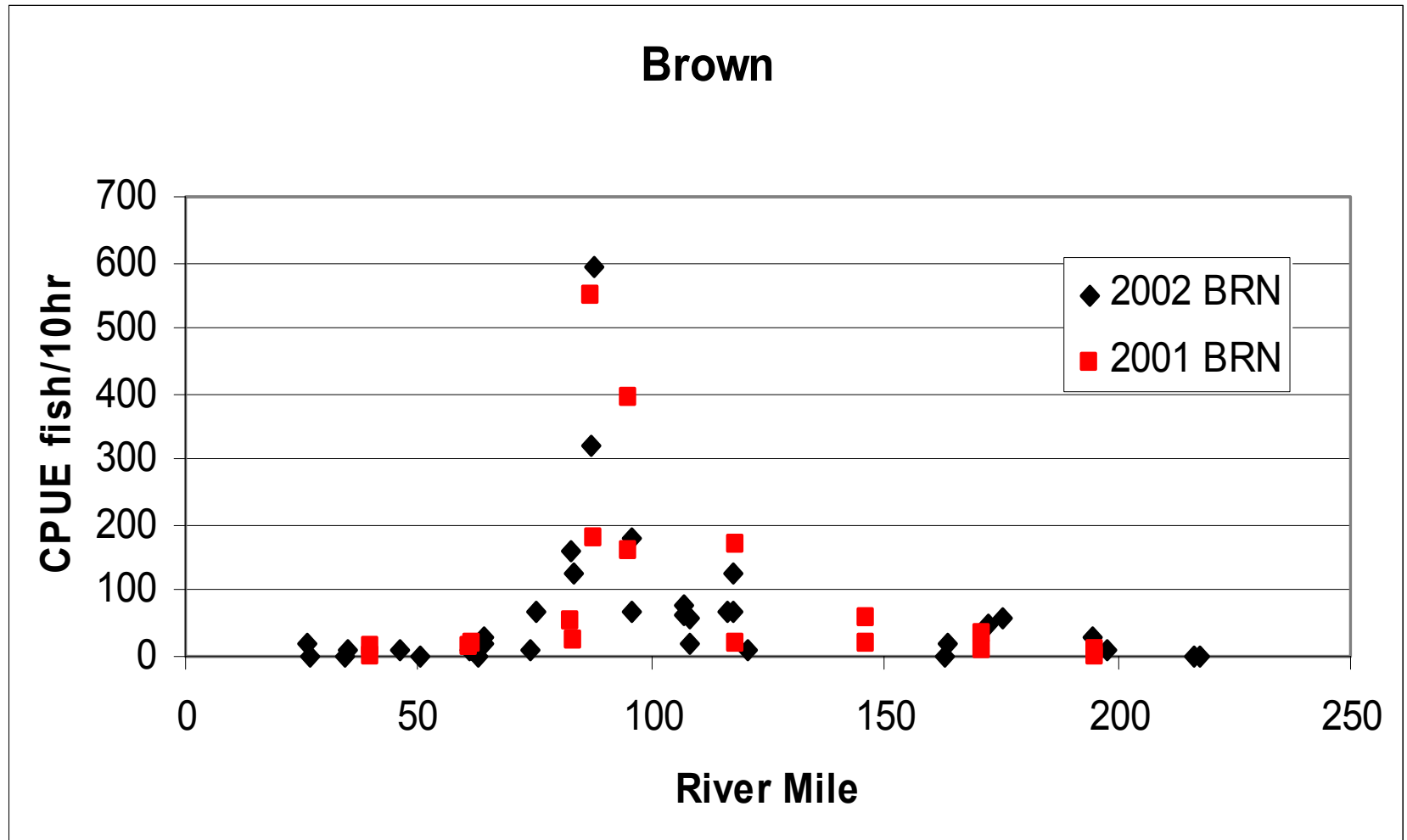
# Status and Trends Update

- Technical Work Group November 2002
  - Downstream trout sampling
    - 2001 vs. 2002 Preliminary results
  - Lees Ferry monitoring 2002 update
    - Poor 2001 year-class

# Downstream RBT CPUE 2001-2002



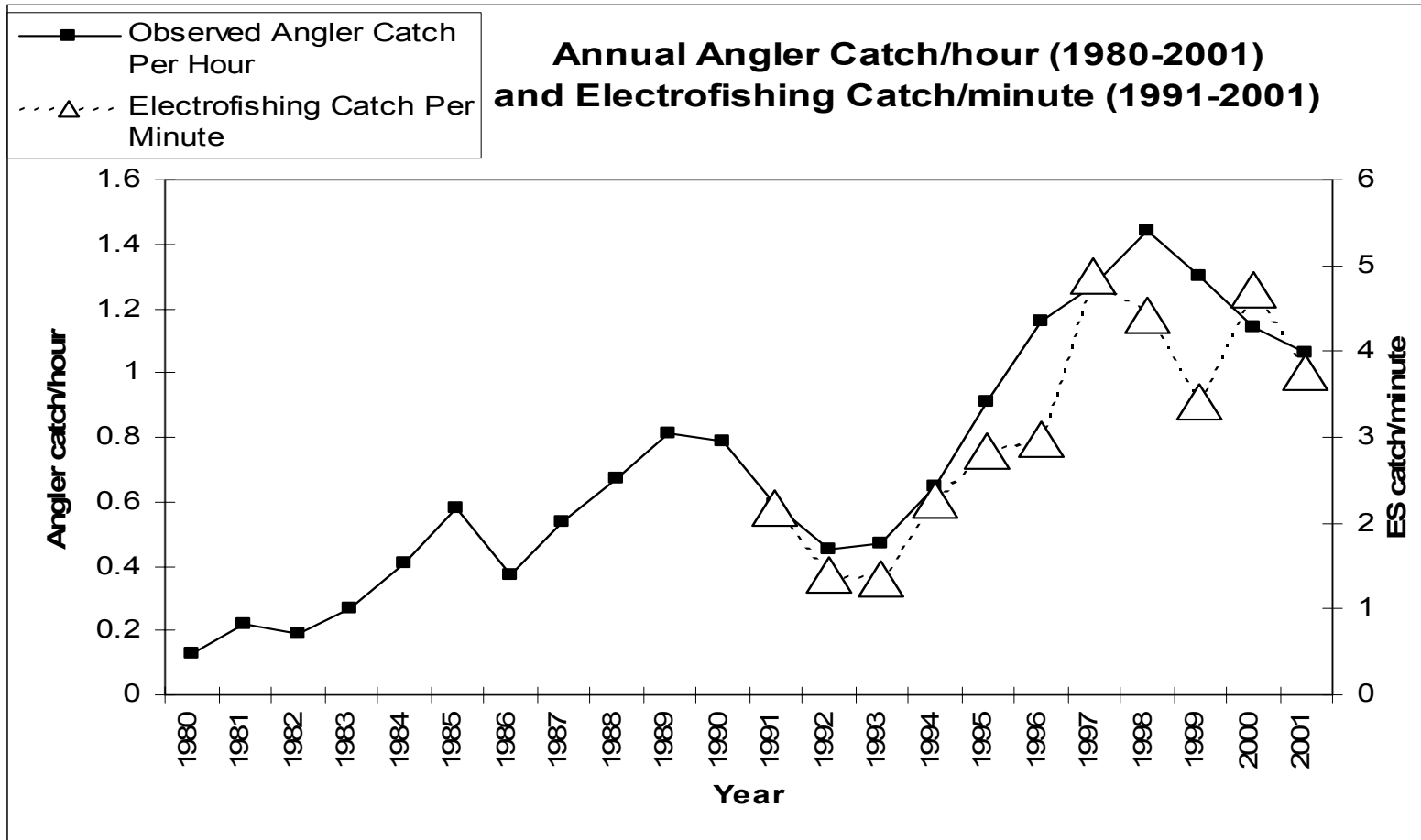
# Downstream BNT CPUE 2001-2002



# 2001 vs. 2002 downstream

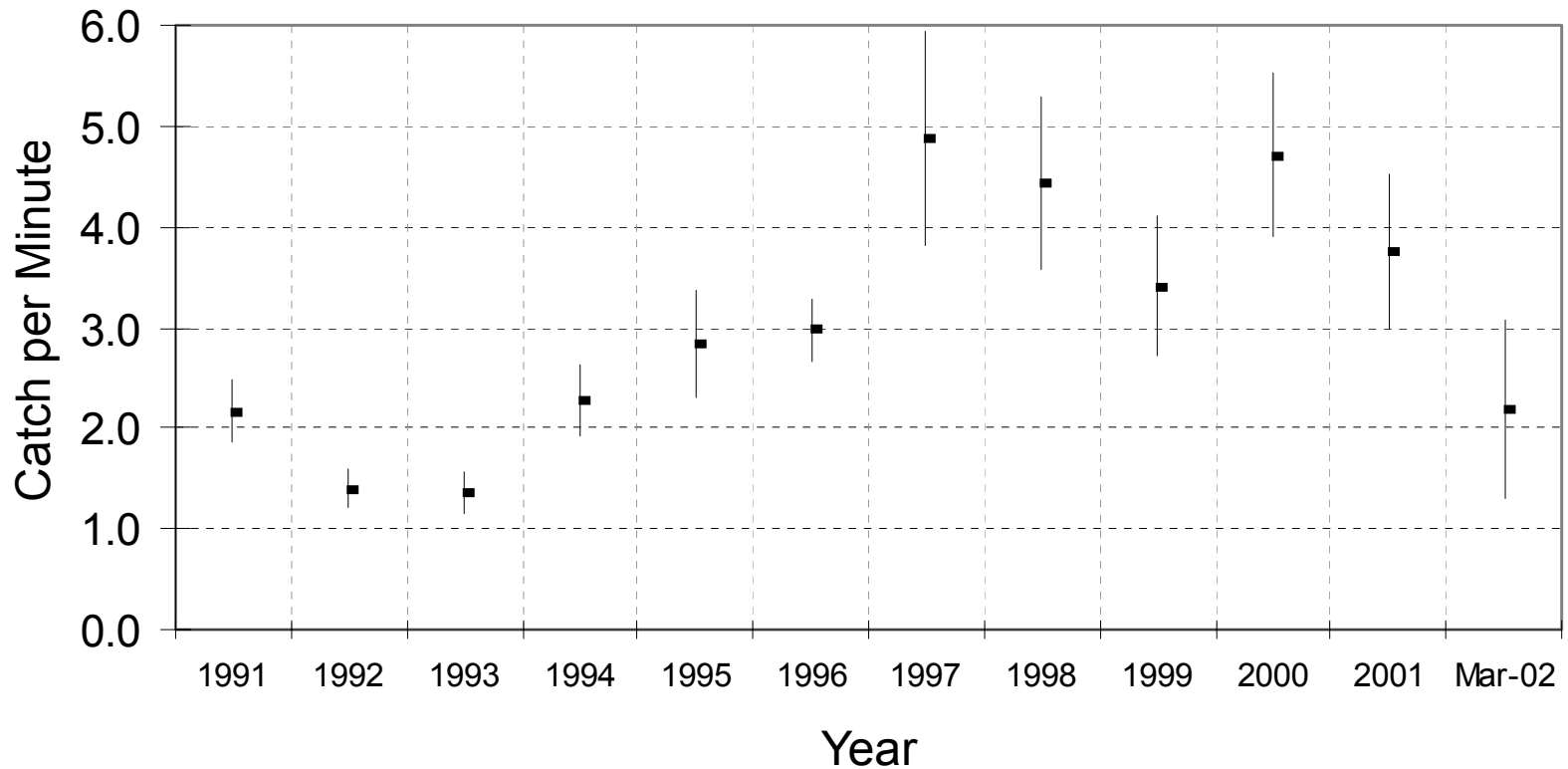
- Rainbow trout / Brown trout
  - Small apparent decrease in CPUE (Fish/10 hr)
  - May be explained by differing catchability (the percent of the actual population captured per unit effort).
    - Catchability is higher in slightly turbid water!
      - 2001 sampling was done in turbid water
      - Feb-Mar 2002 sampling was done in clear water
      - Waiting for remainder of 2002 data (GCMRC)

# Lees Ferry CPUE

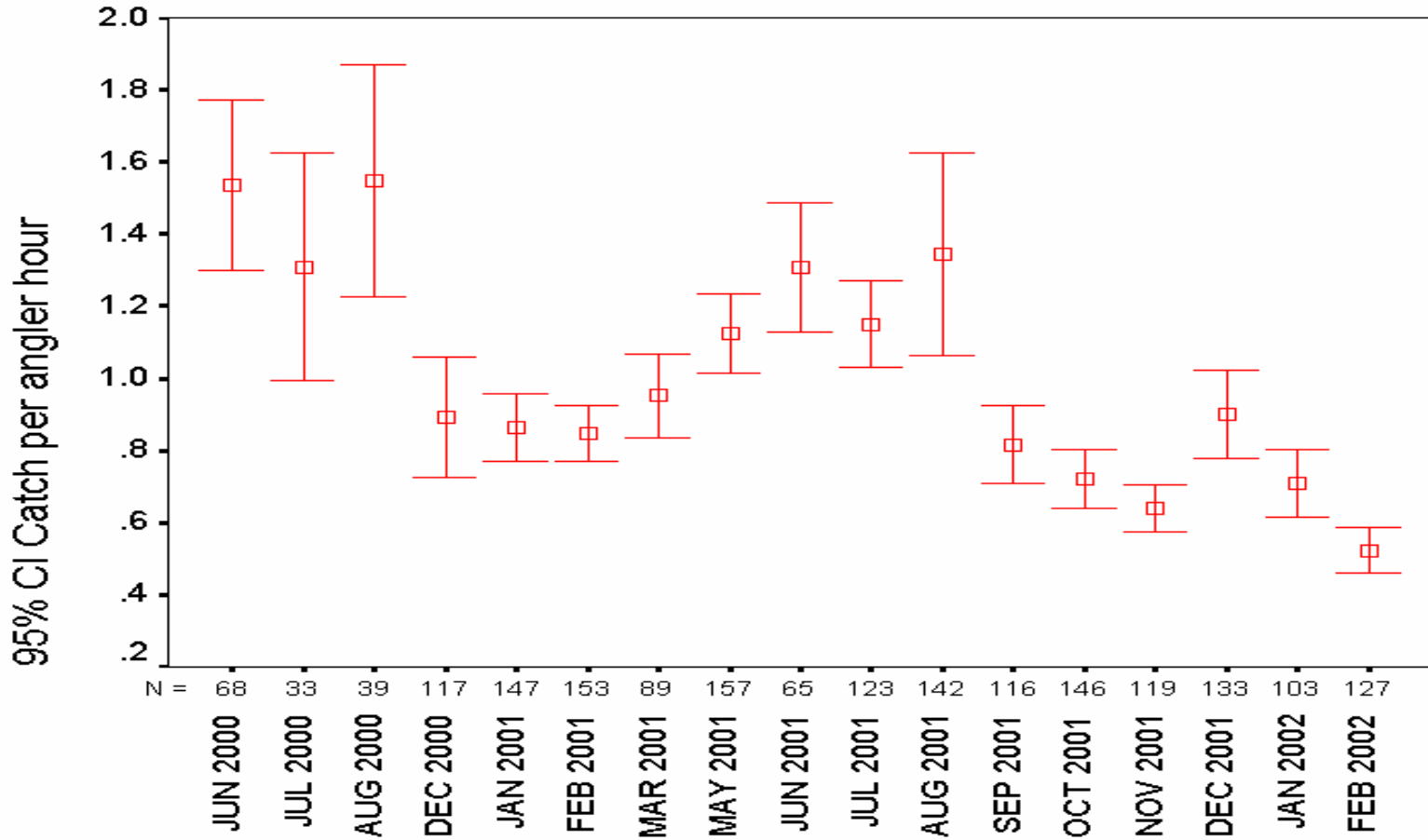


# Lees Ferry ES CPUE 1991-3/02

Mean Catch per minute and 95% Confidence Interval, Lees Ferry Electrofishing 1991 - March 2002 (Coffelt Boat only).

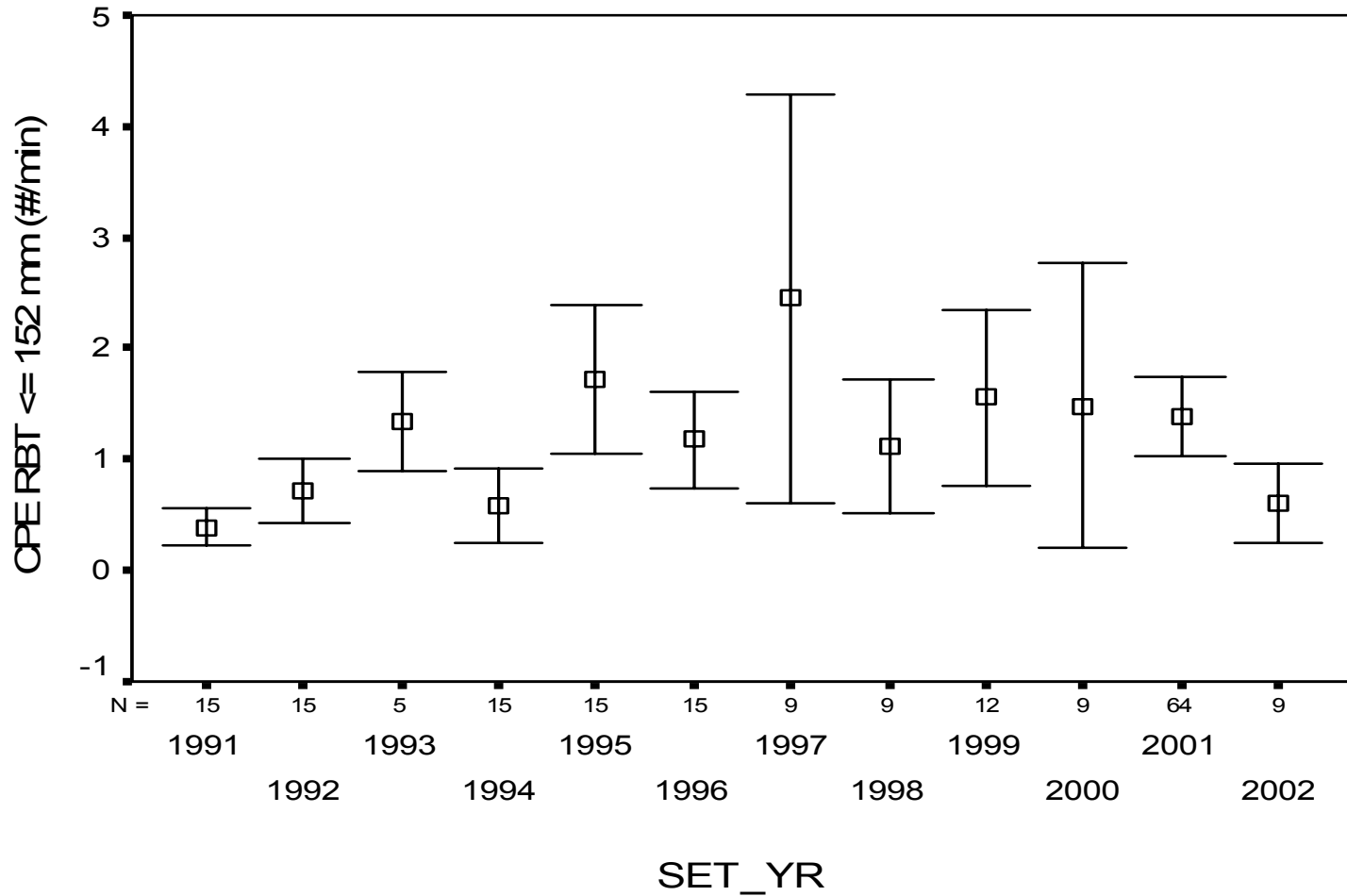


# Creel CPUE 2000-Feb 2002

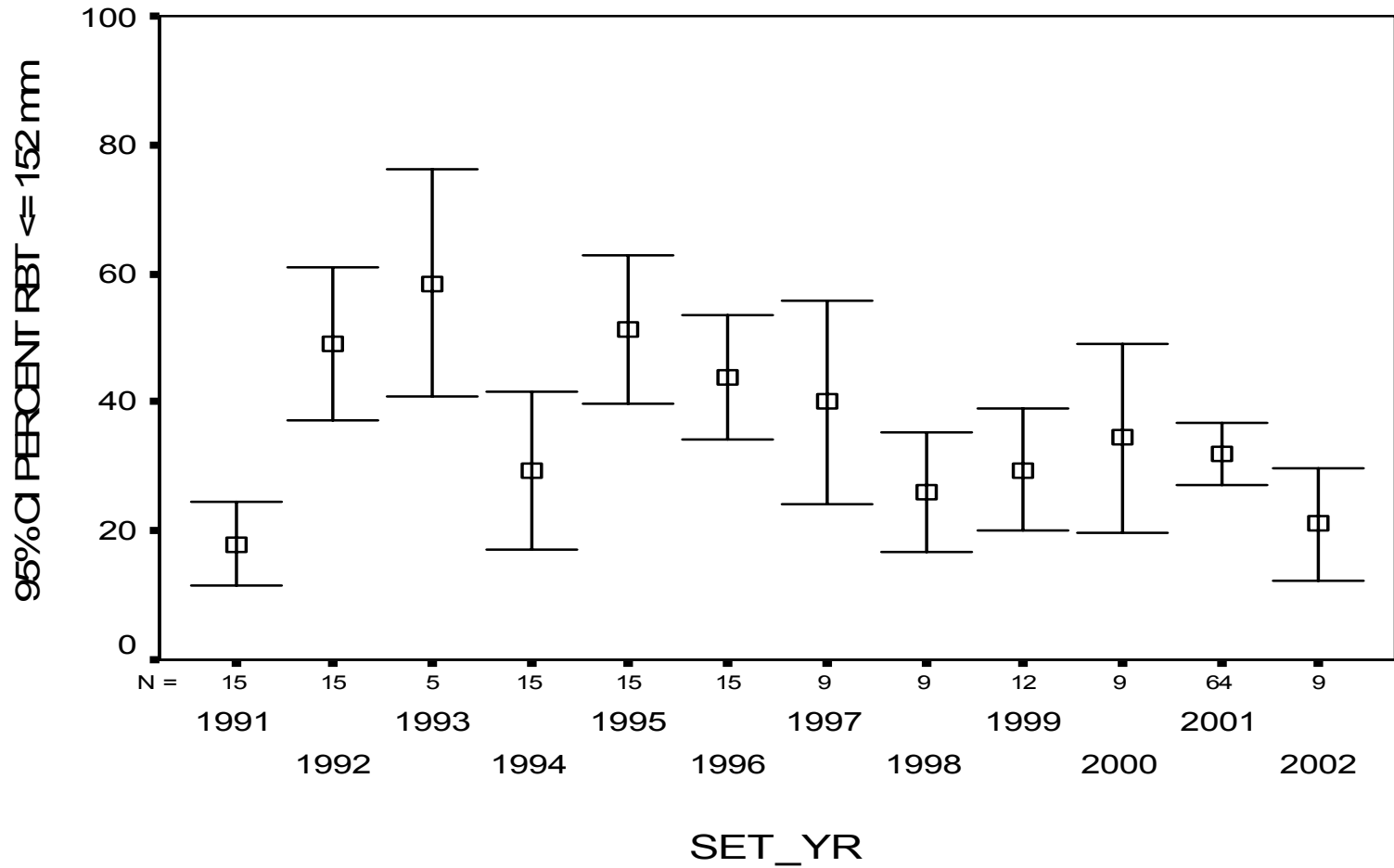




# LF CPE Age-0 RBT Oct-Dec

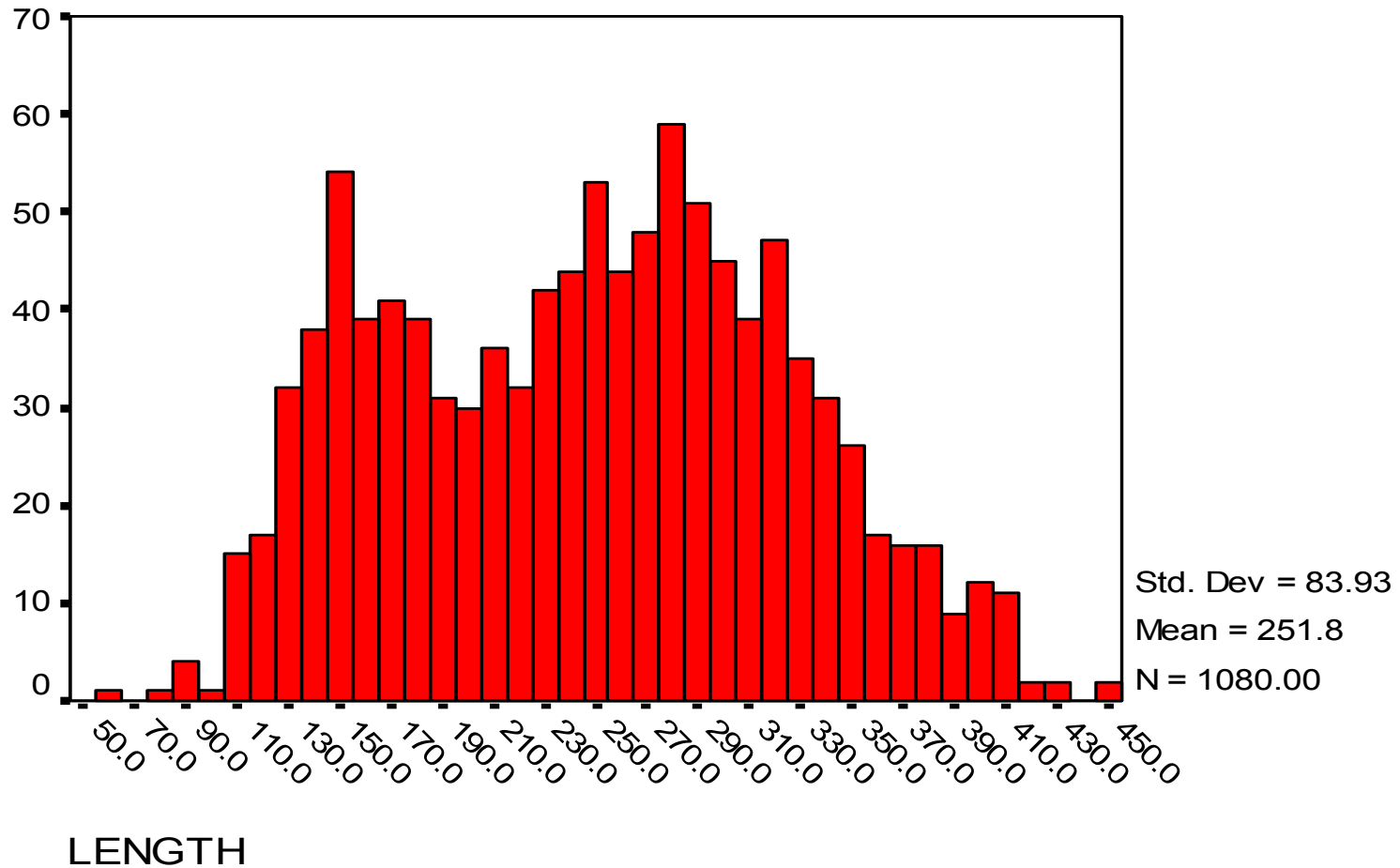


# LF % Age-0 RBT Oct-Dec



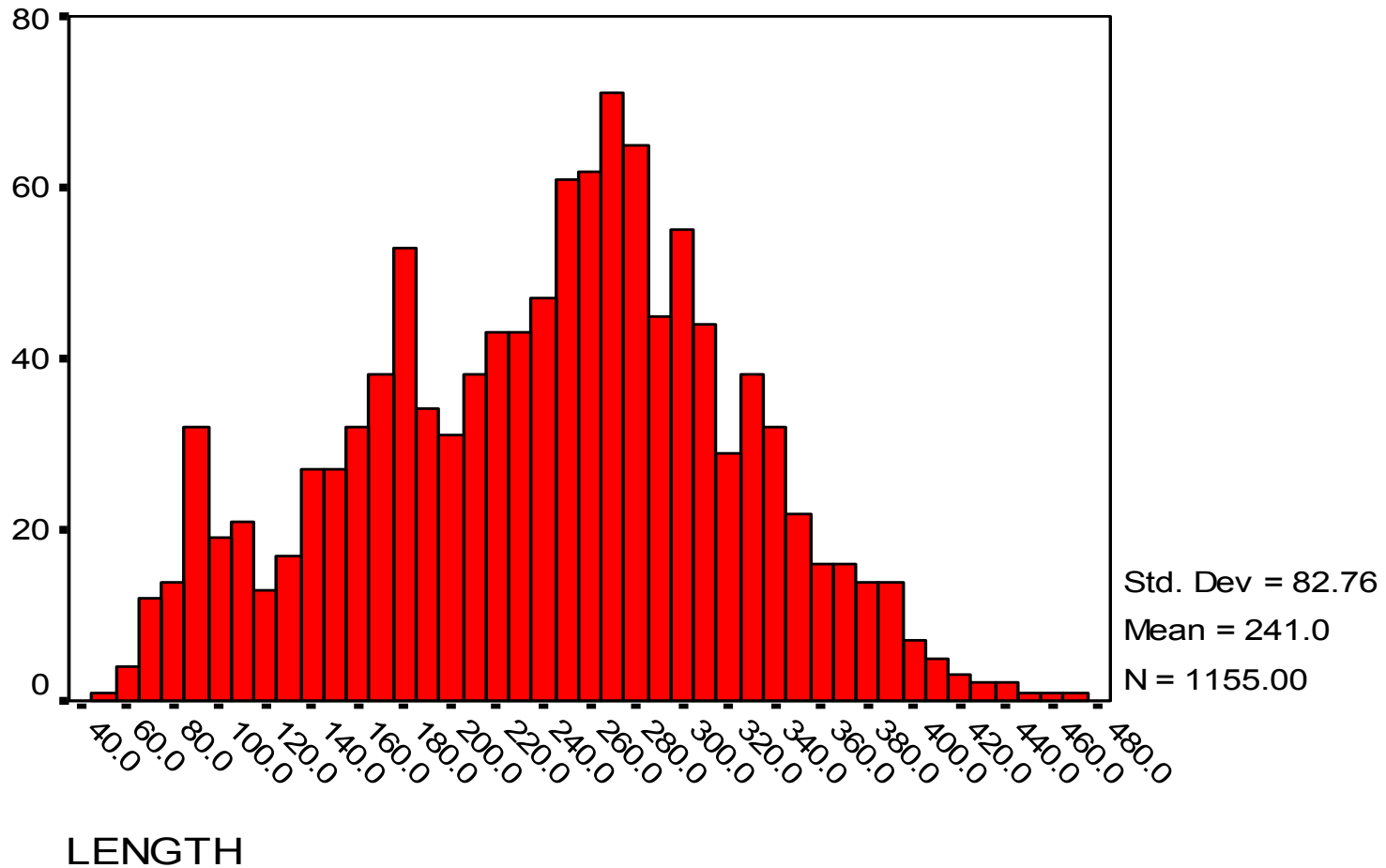
# June 2002 Length Frequencies

Length Freq Jun 2002 RBT Lees Ferry



# Oct 2002 Length Frequencies

Length Freq Oct 2002 RBT Lees Ferry



# Concerns:

Large 2000 cohort trying to mature; (stranding issue)

Fish <152 mm during later 3 months of the year

Represents all fish produced over the previous year (plus

A few age 1 fish) assuming growth of 10-15 mm/month.

Most yoy are 80 mm, comprise < 7% of the catch this year.

# Concerns:

- Apparent loss of year class in 2001 @ Lees Ferry, not due to flow variables?
  - Possibly due to loss of adult spawners  
or poor energetic condition of adults
- How can we separate this change from changes caused by experimental flows?
  - In a two year experiment?