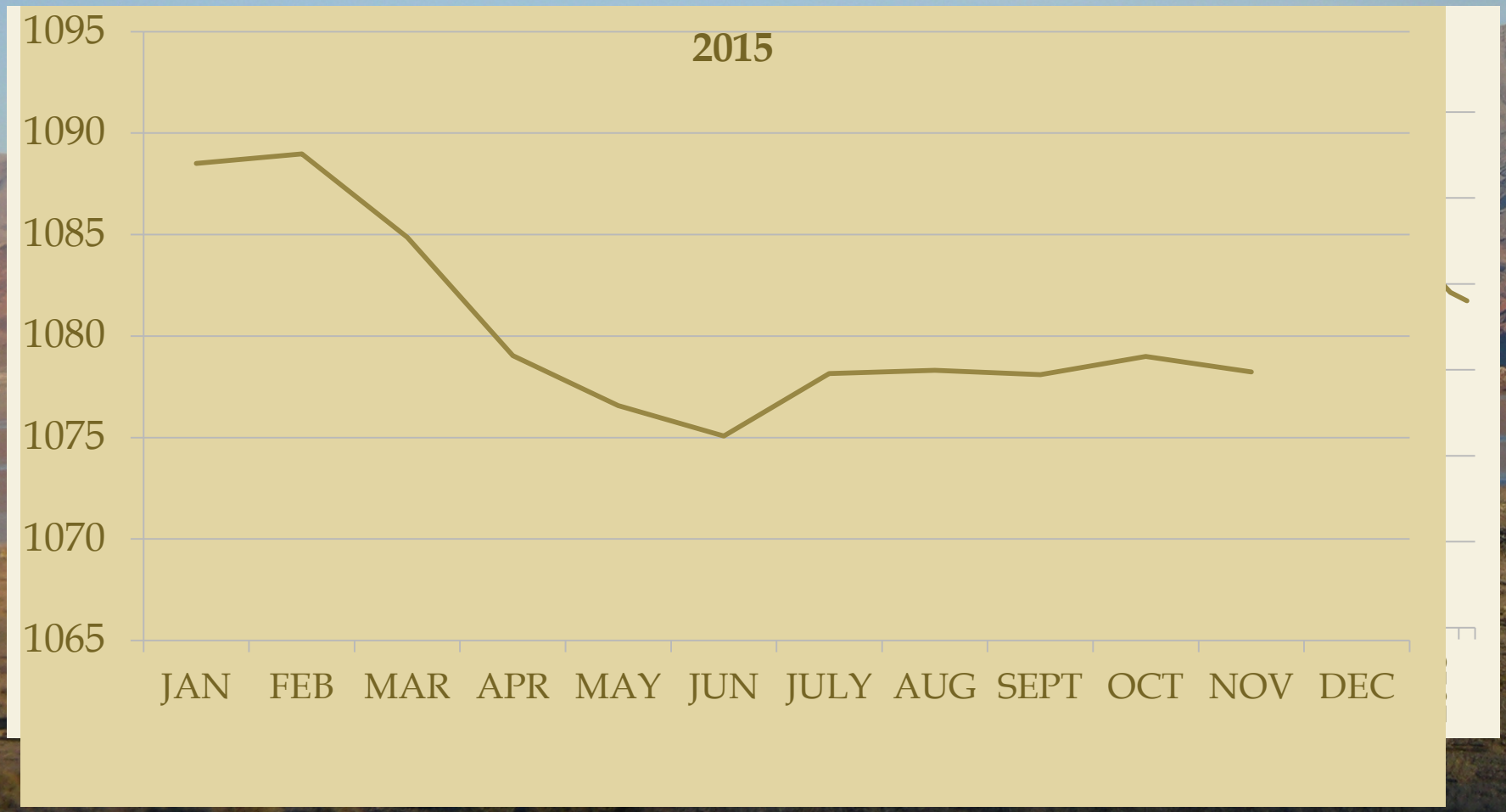
LAKE MEAD SPORT FISH

CRAB 2016

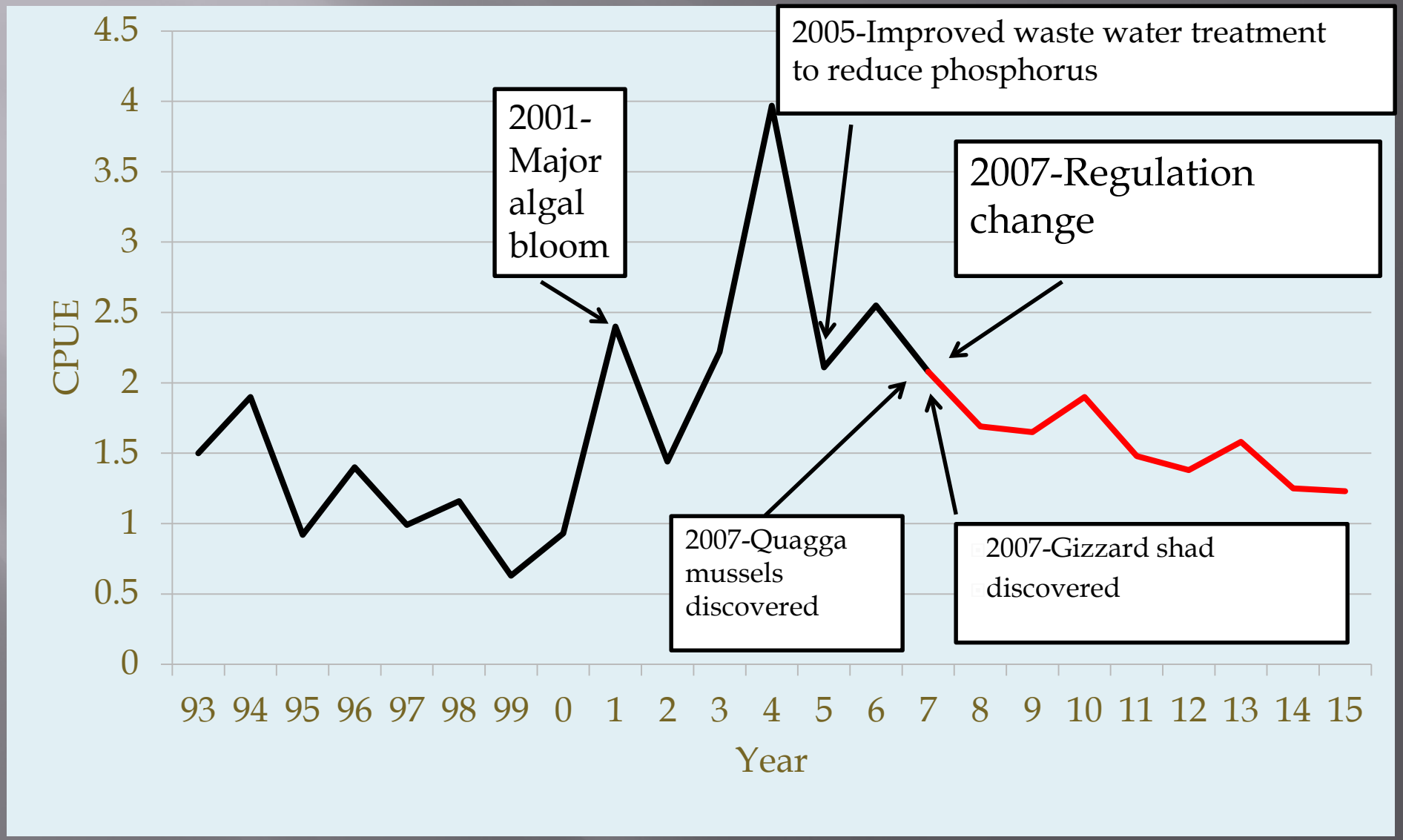
Debora Herndon

Current and continuing issues

- 15-Year drought

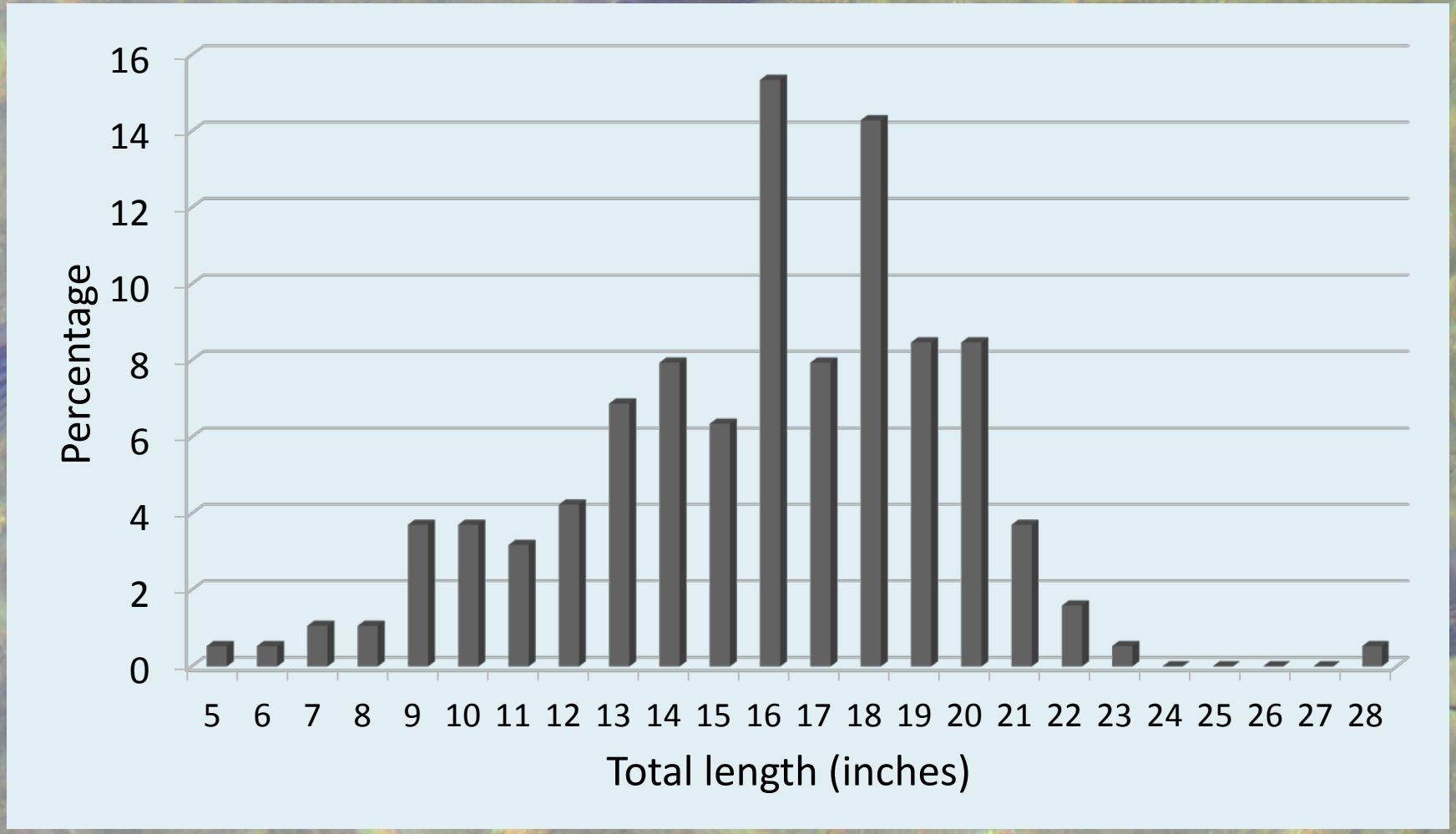


Fall gill net-striped bass

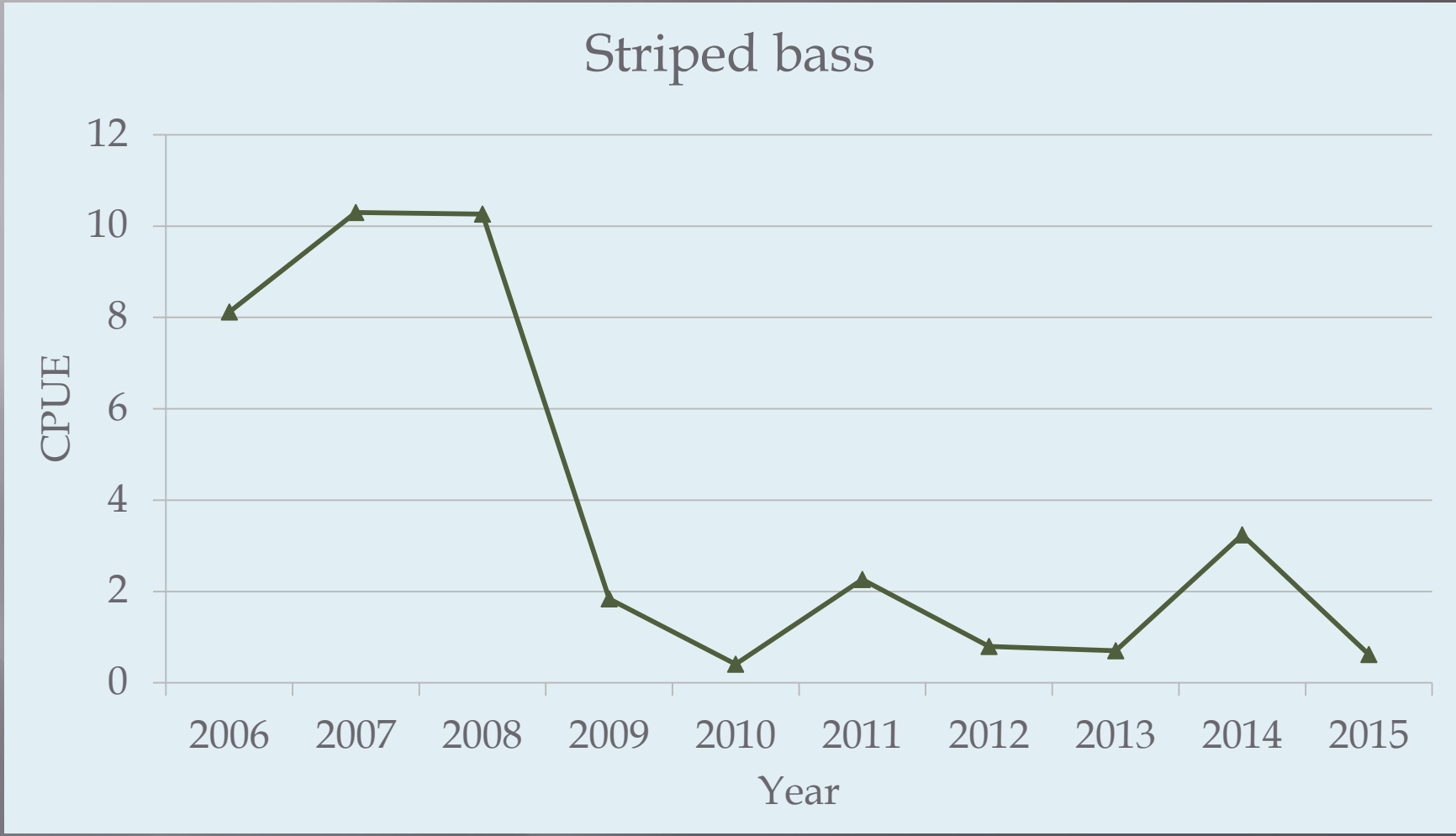


Fall gill net-striped bass

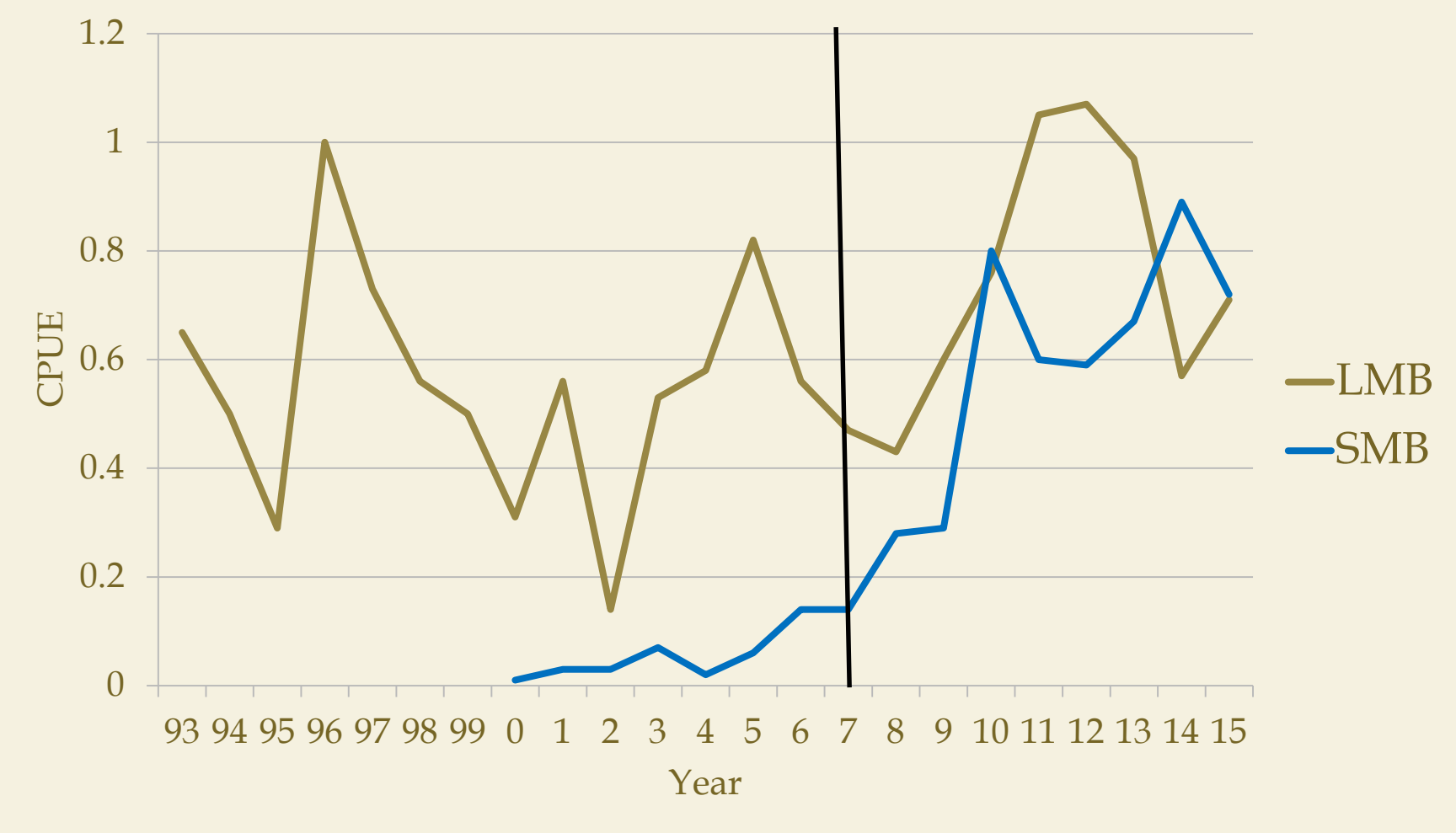
Fulton's K factor =1.15



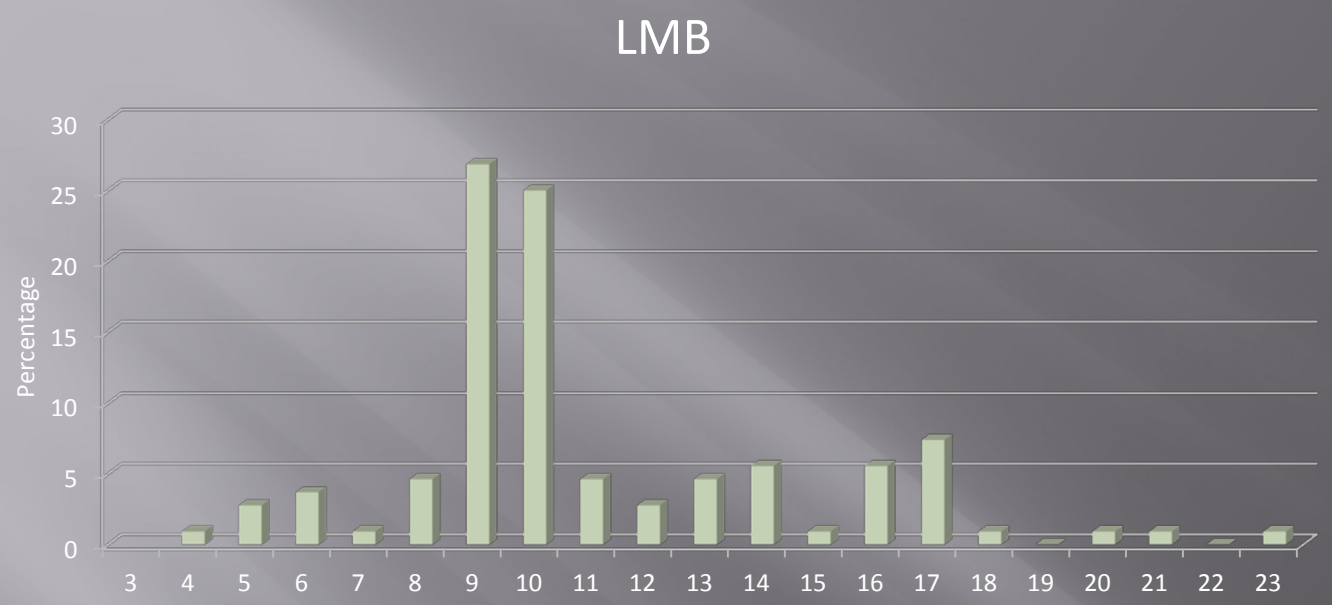
Fall electrofishing survey



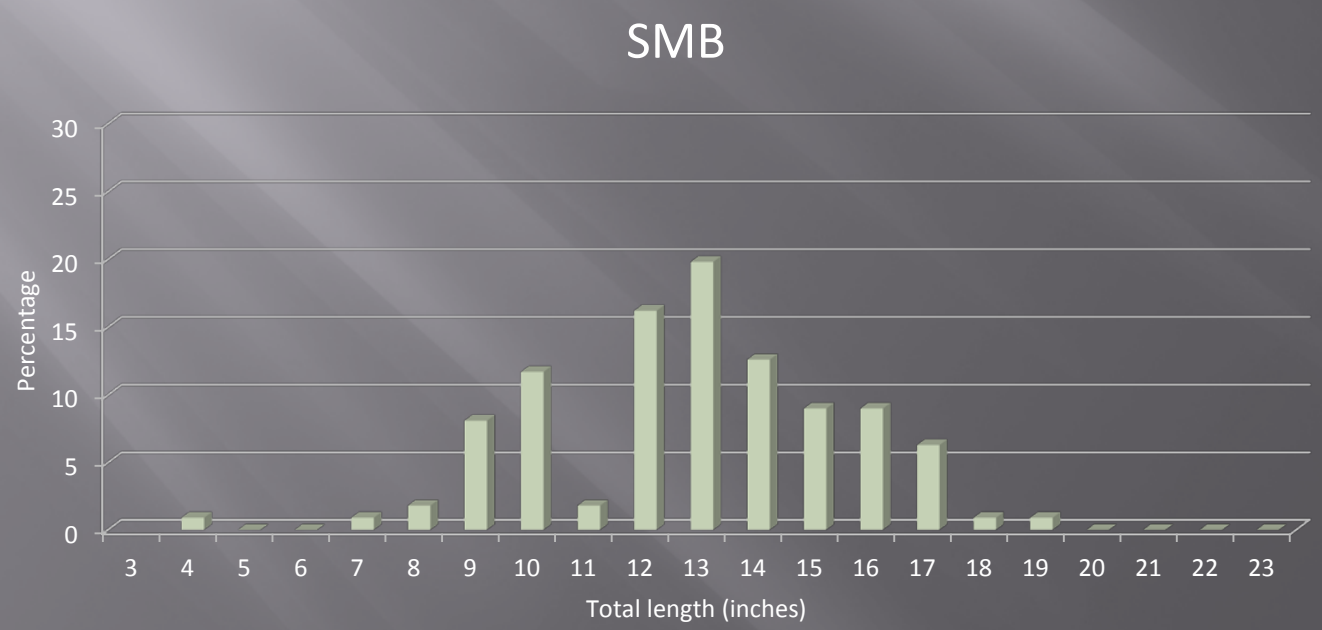
Fall gill net-black bass



Fall gill net-black bass

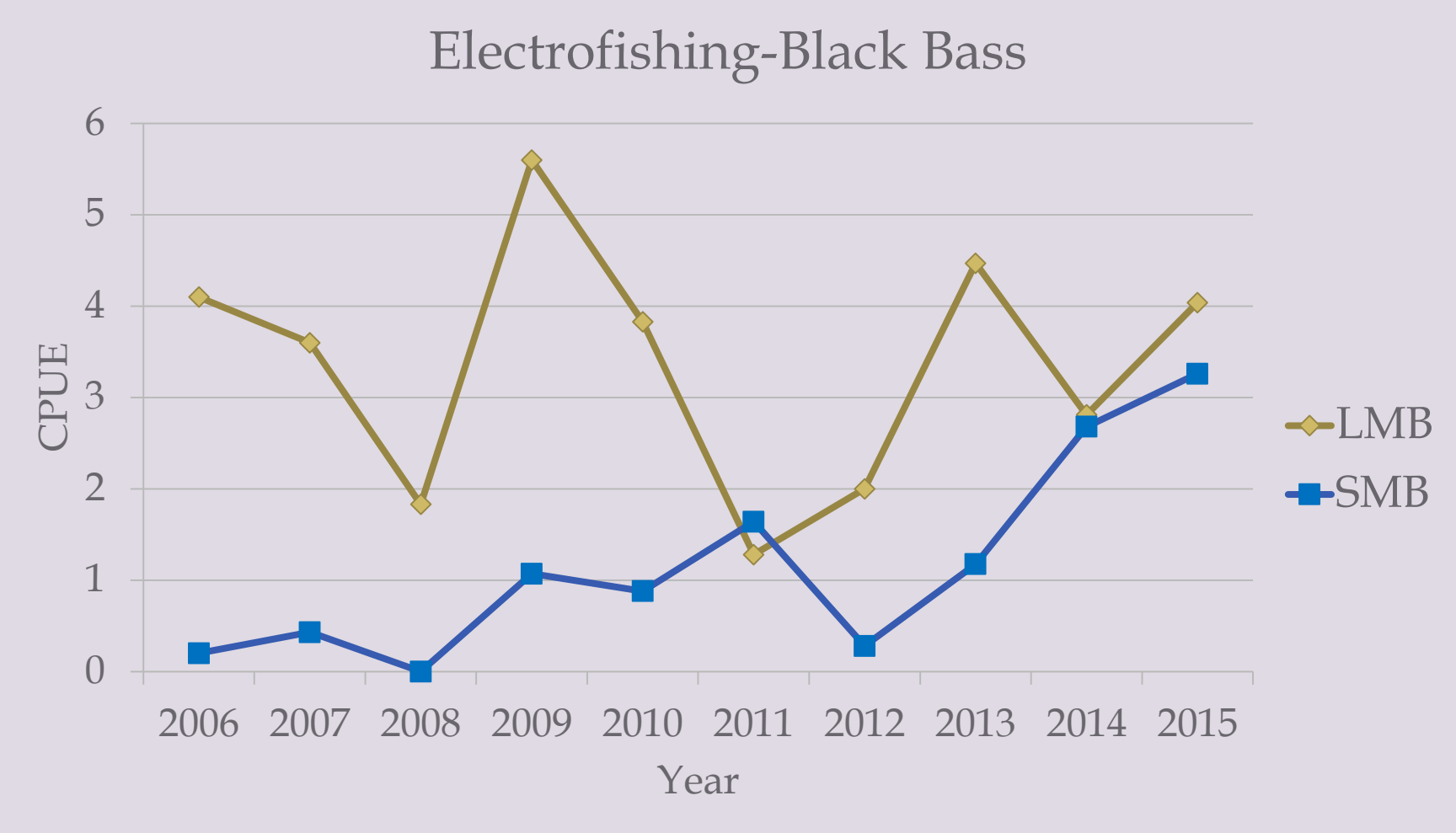


$W_r = 91$

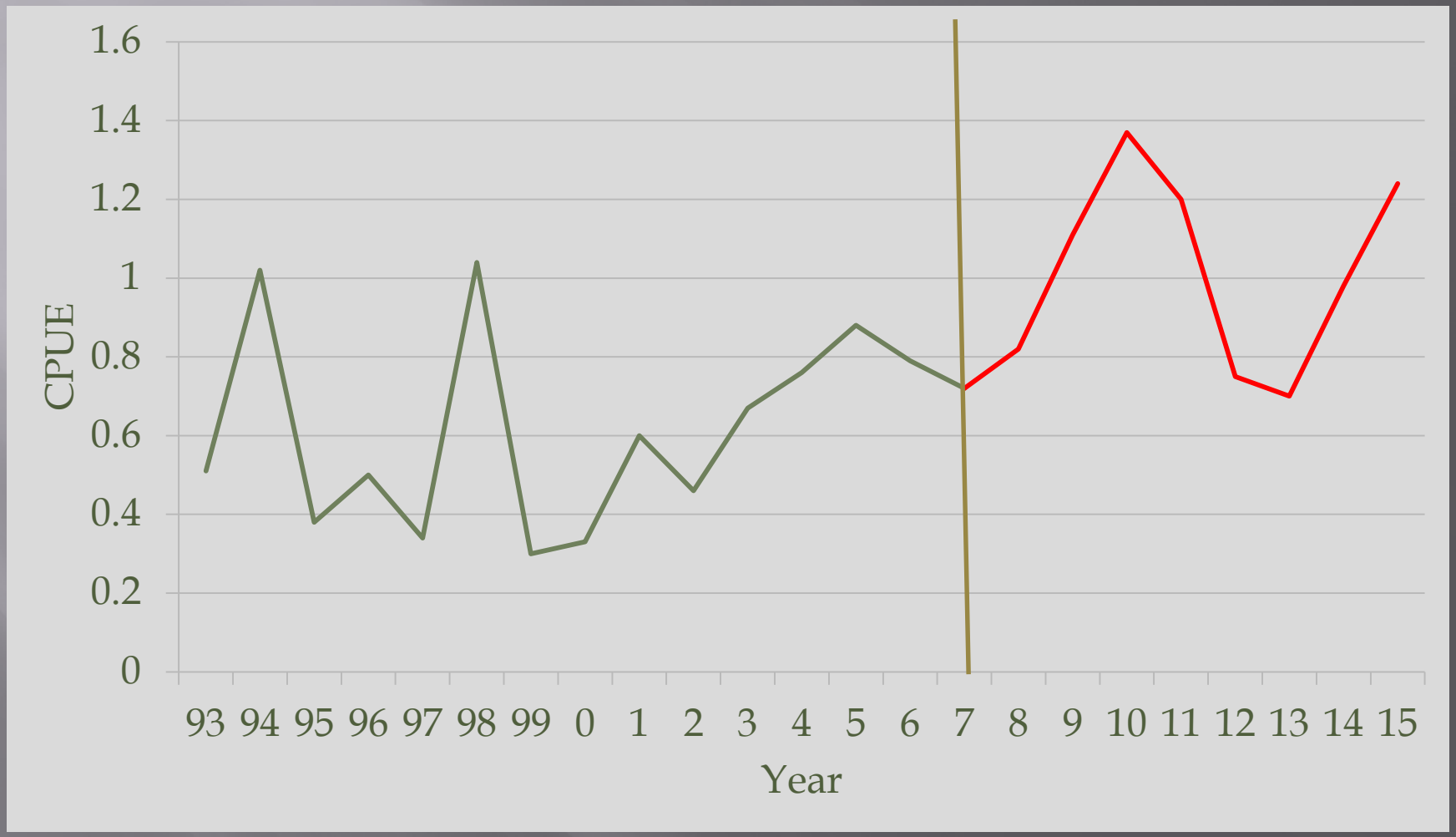


$W_r = 85$

Fall electrofishing survey

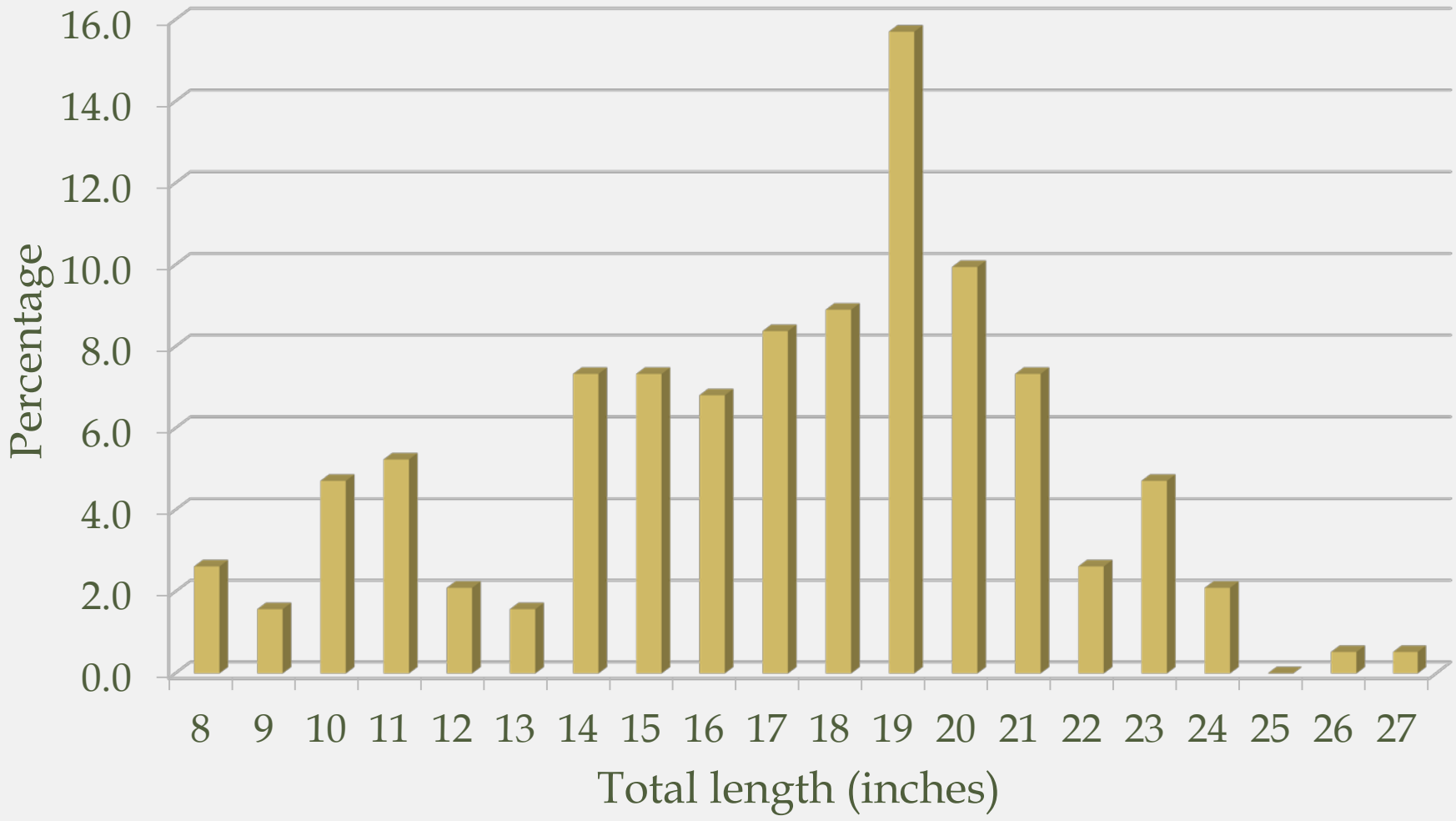


Fall gill net-channel catfish

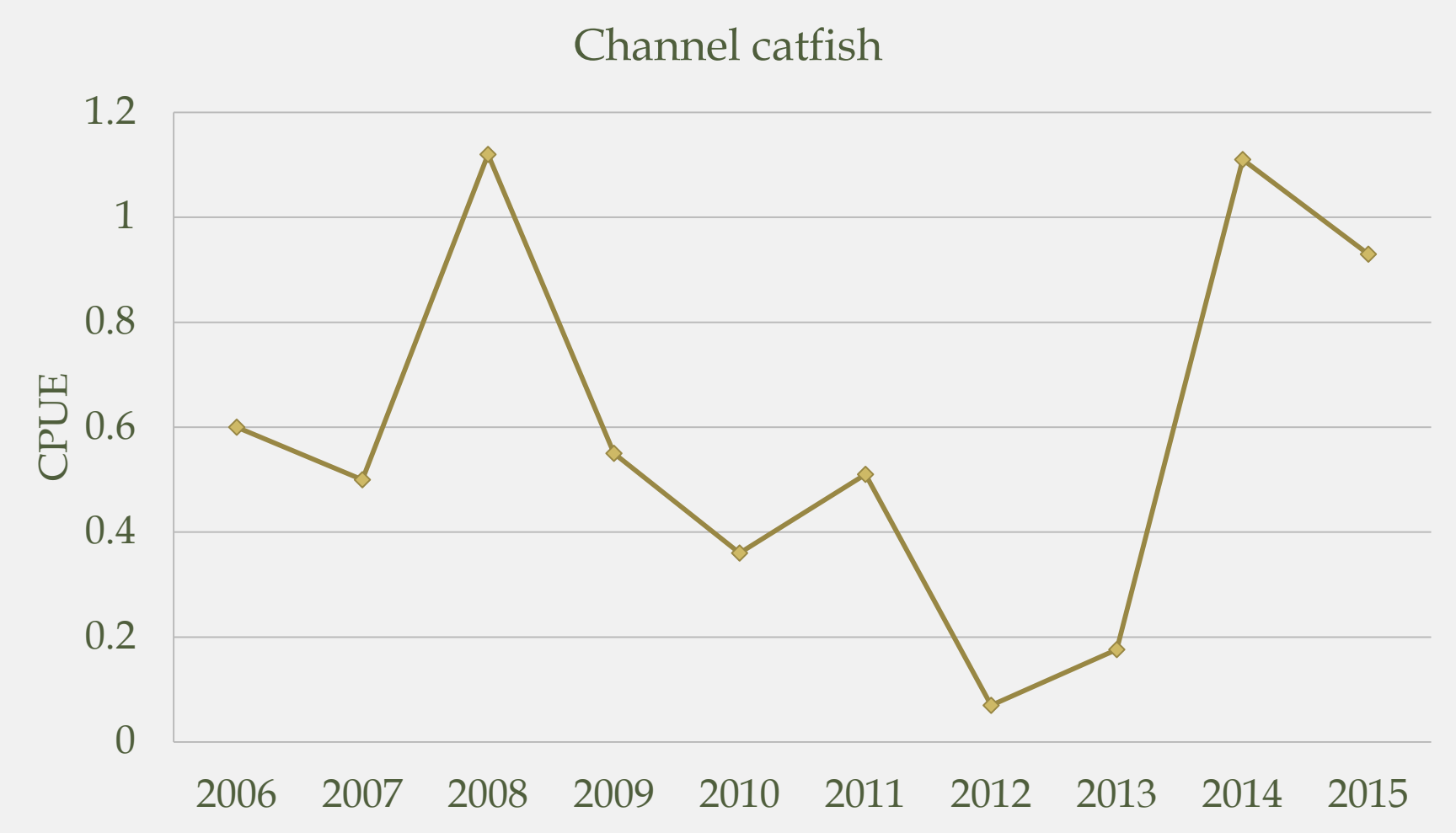


Fall gill net-channel catfish

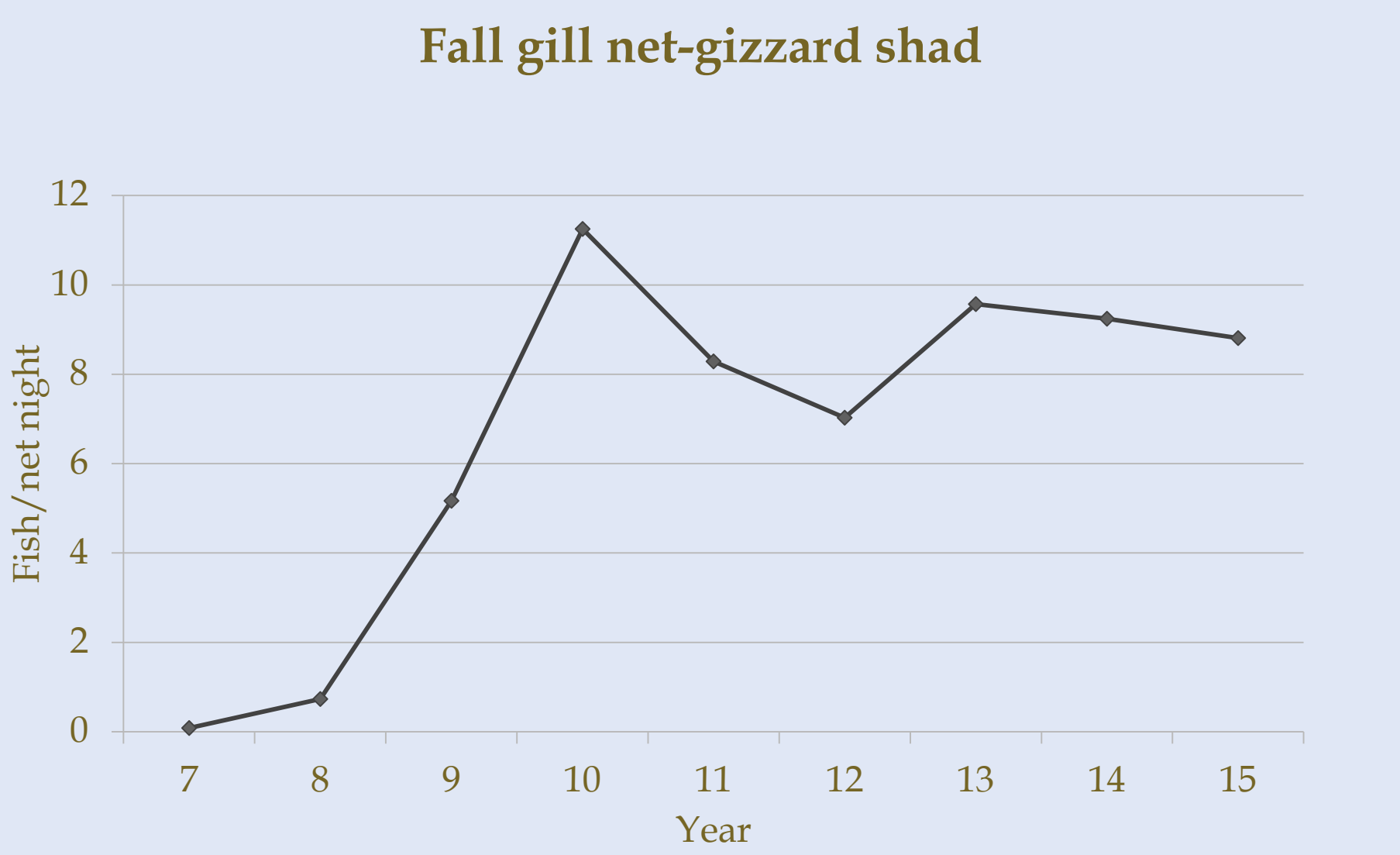
$W_r = 87$



Fall electrofishing survey

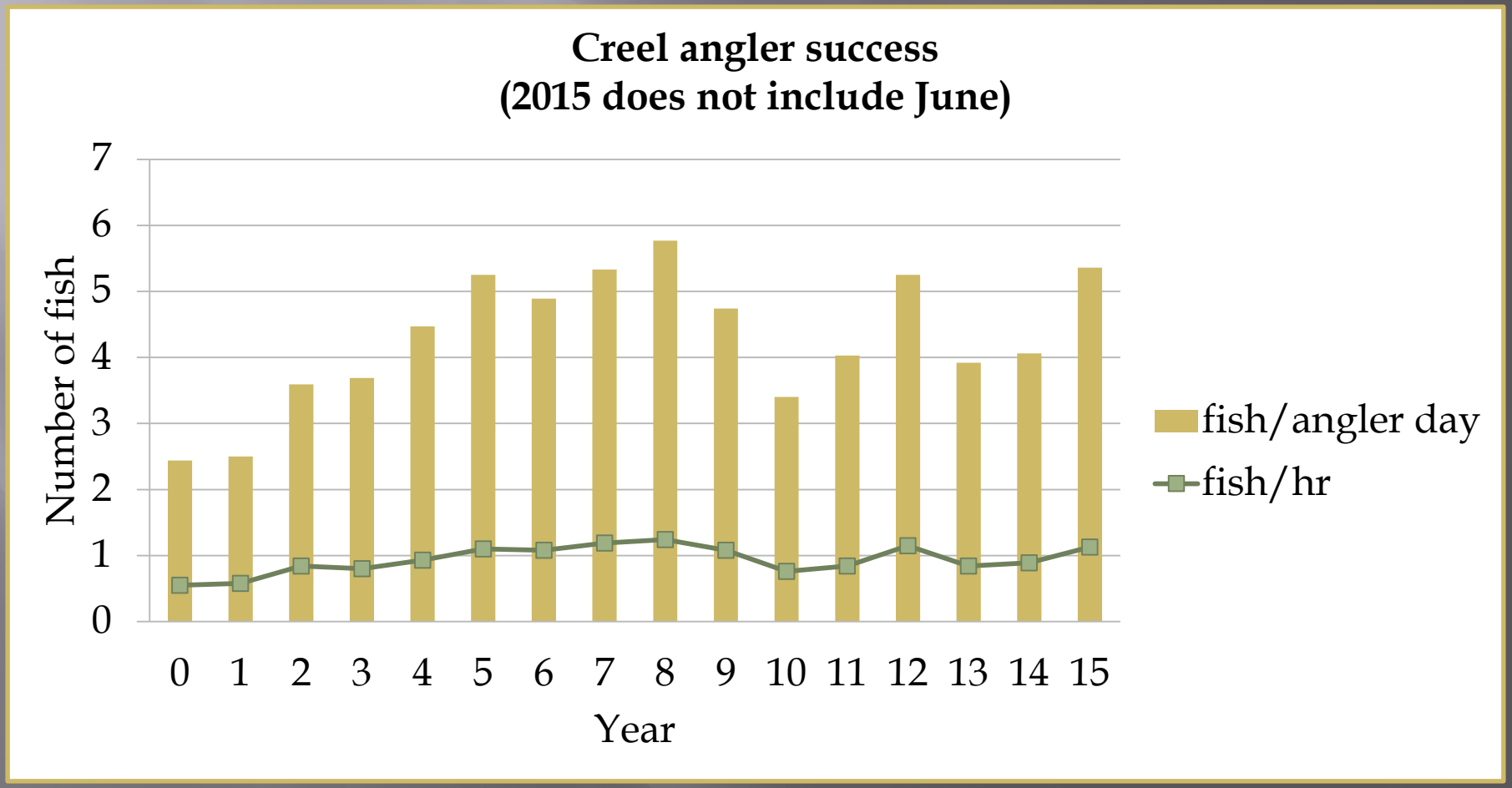


Prey base - shad



Creel survey results

- Fish/angler hour = 1.1
- Fish/angler day = 5.4



How have quagga mussels affected the fishery?

- Littoral species-Largemouth, smallmouth, and channel catfish – increasing trend in abundance
- Striped bass-decreasing trend in abundance
  - May not be from quagga mussels
    - Reduction in nutrients entering the lake
    - Striped bass YOY competition with gizzard shad YOY
    - Regulation changes-increased bag limits for striped bass

Thank you.