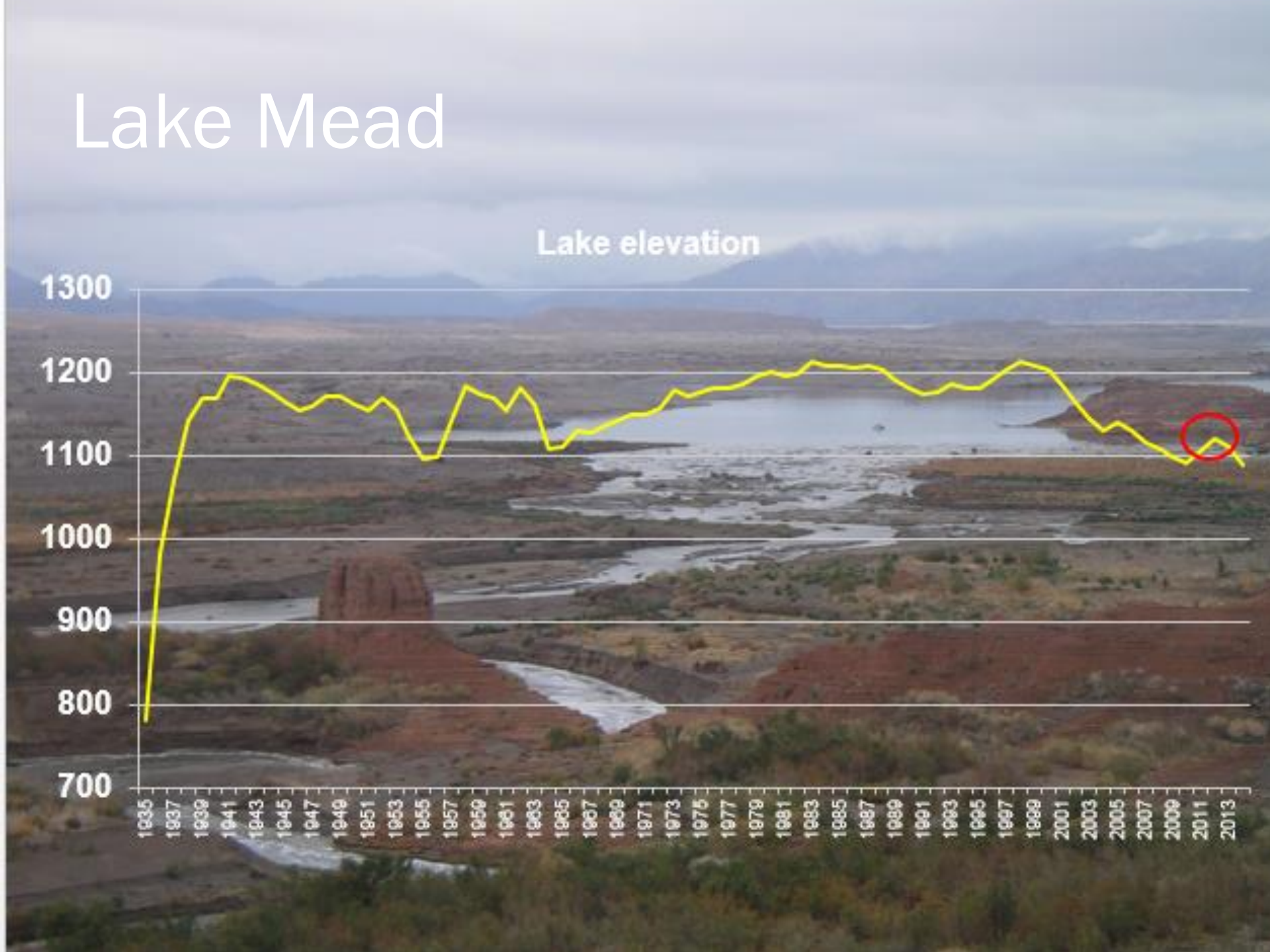
LAKE MEAD SPORT FISH SURVEYS

C.R.A.B. 2015

Aquarius Hotel and Casino,
Laughlin, NV
January 7 & 8, 2015

Presented by Debora Herndon

Lake Mead


Lake elevation
1300
1200
1100
1000
900
800
700
1935
1937
1939
1941
1943
1945
1947
1949
1951
1953
1955
1957
1959
1961
1963
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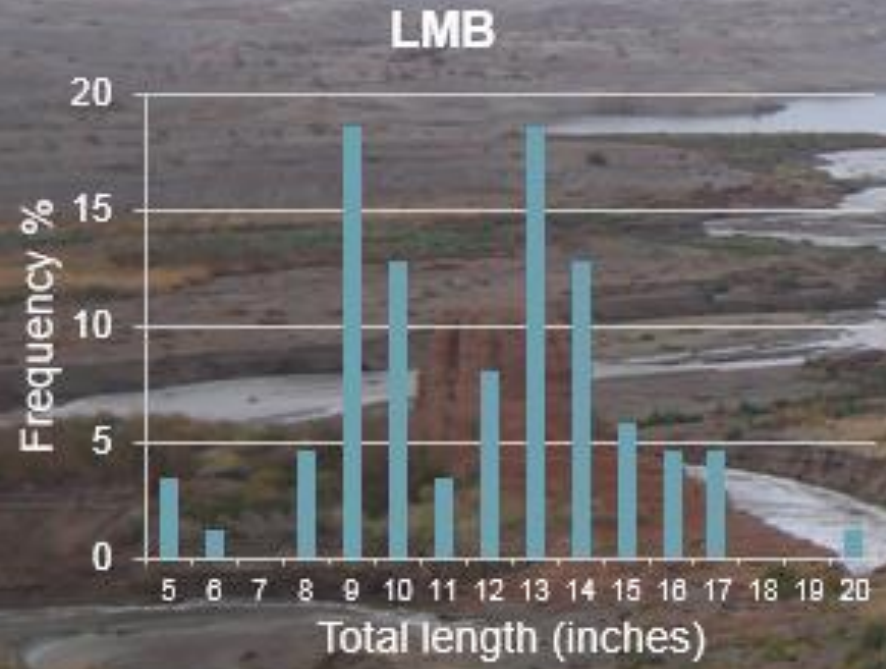
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013

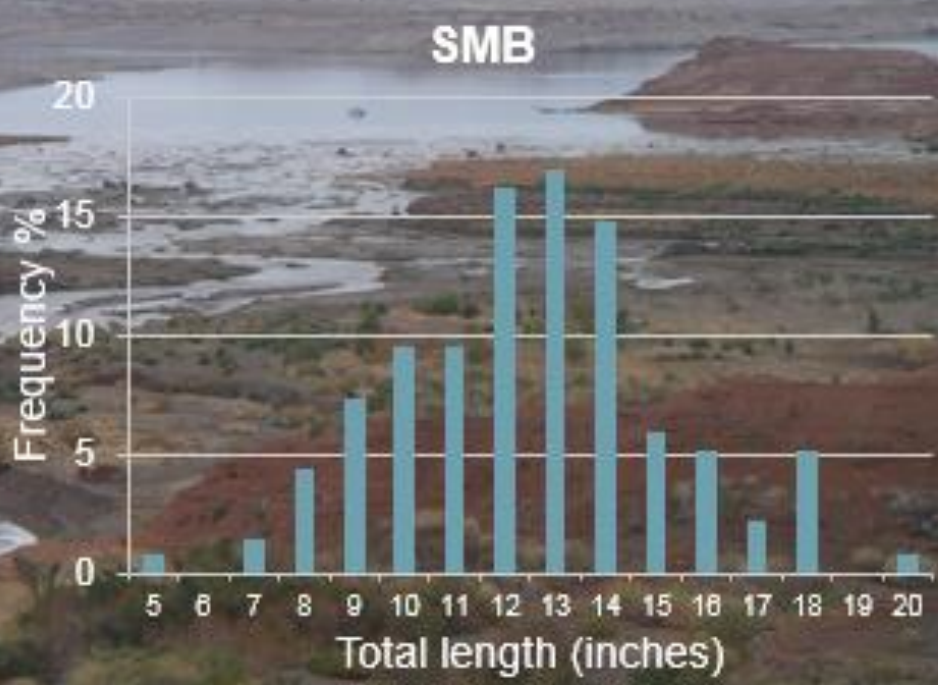
Largemouth & smallmouth bass
Fall gill net CPUE

LMB W_r = 86

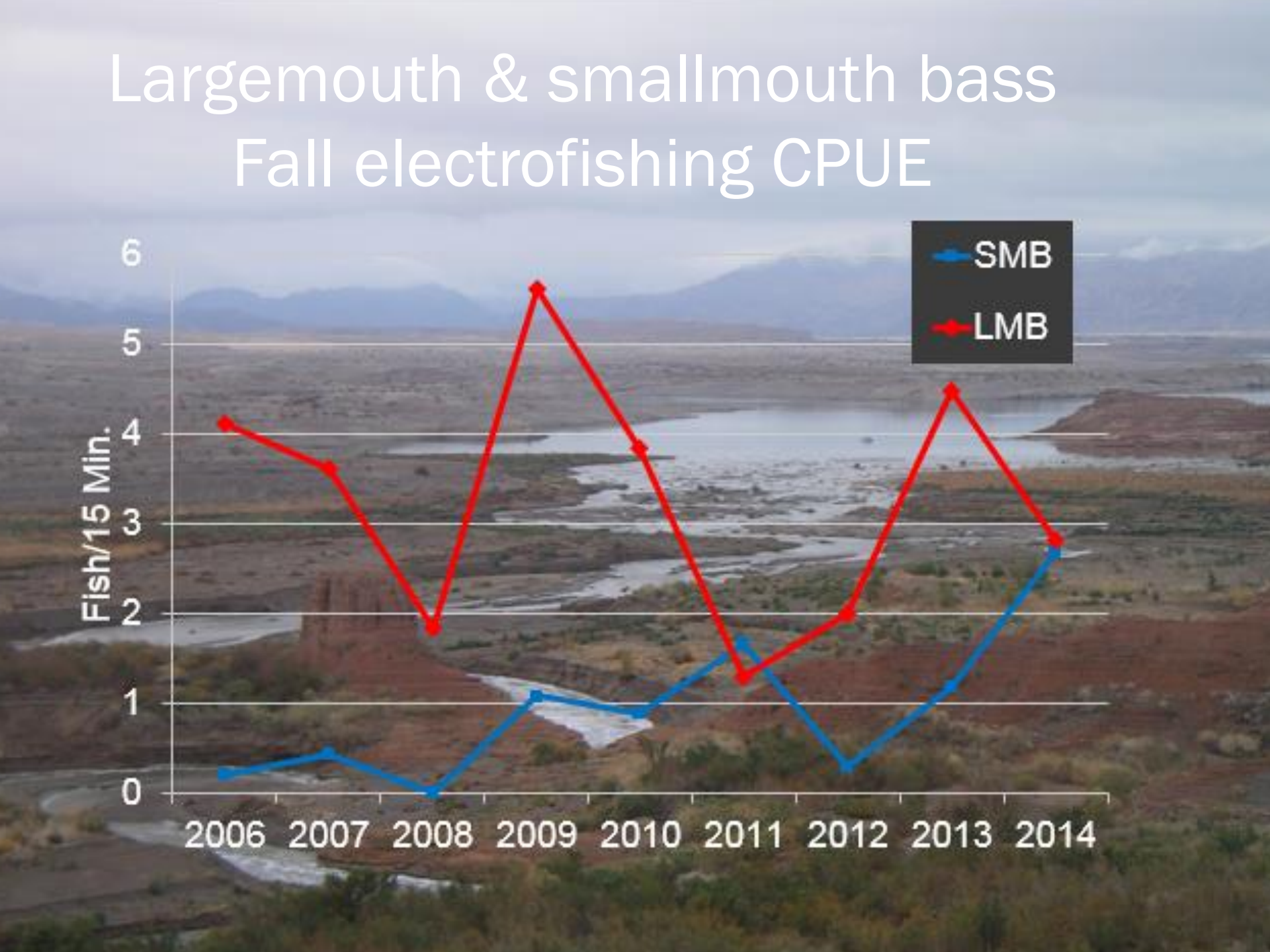
SMB W_r = 86

Largemouth & smallmouth bass length frequency distribution





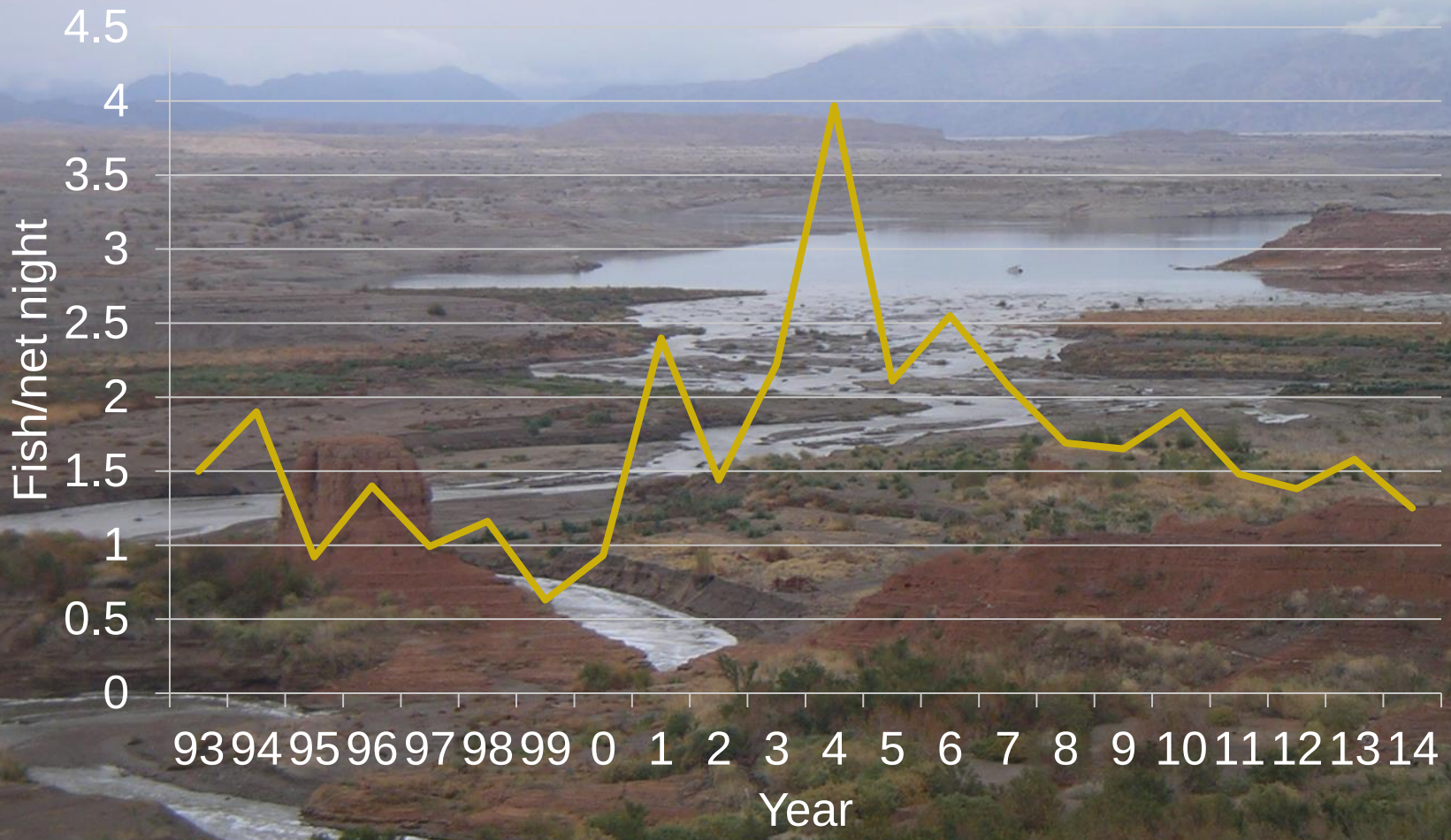
Largemouth & smallmouth bass Fall electrofishing CPUE



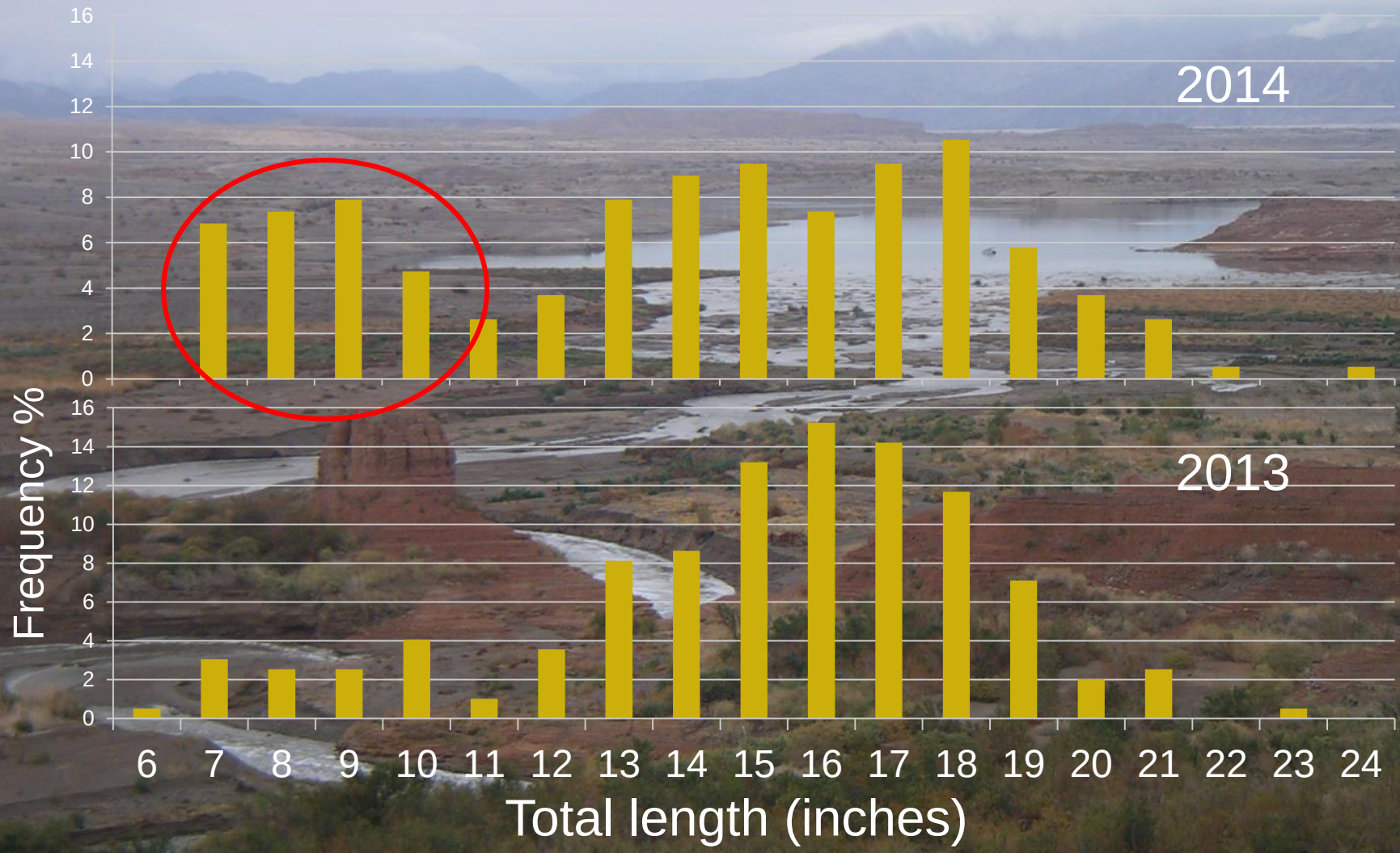
Largemouth & smallmouth bass YOY Snorkel surveys

Striped bass
Fall gill net CPUE

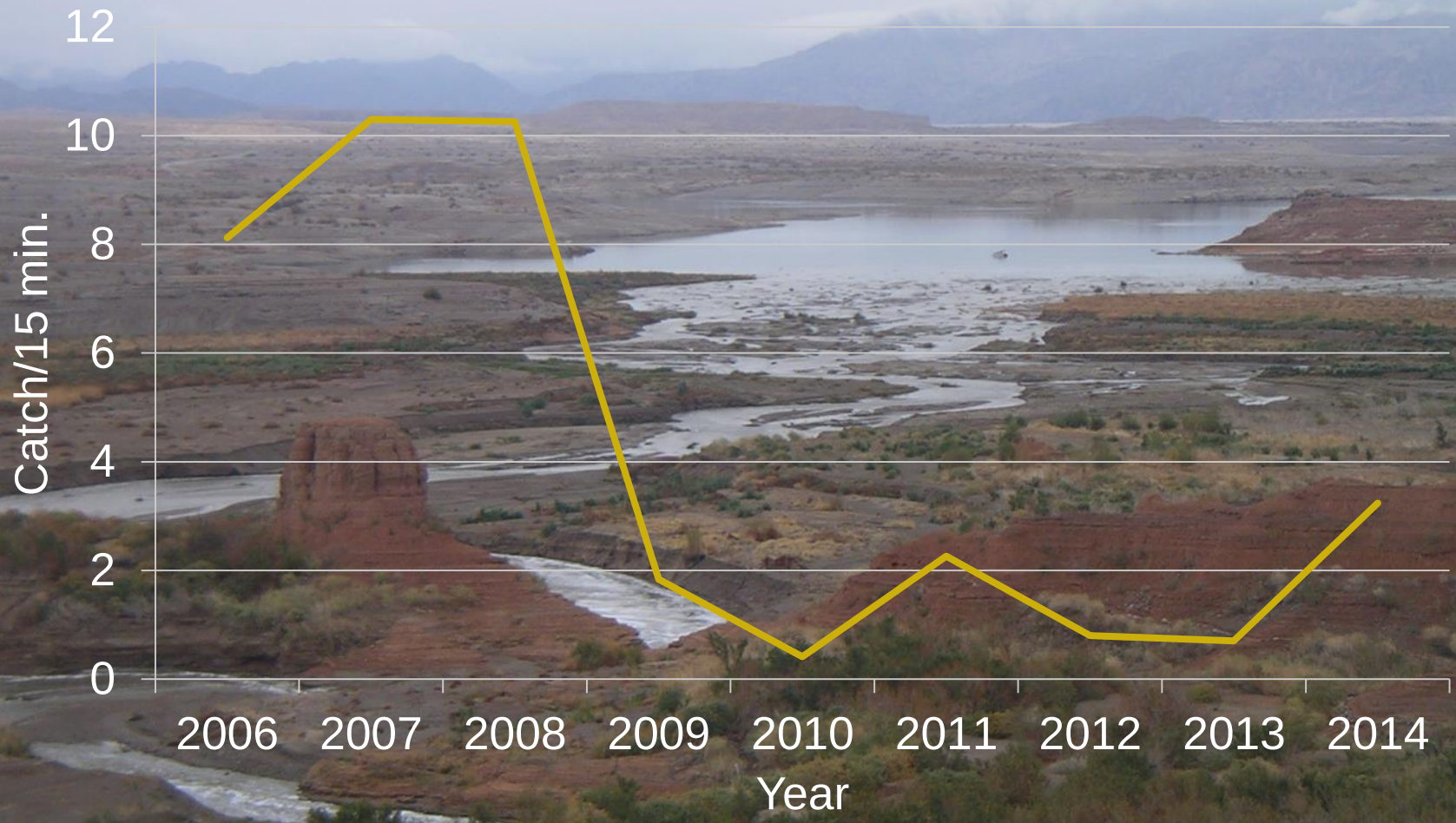
W_r = 79
K FL = 1.20
4% < 1.0



Striped bass length frequency distribution - Fall gill nets



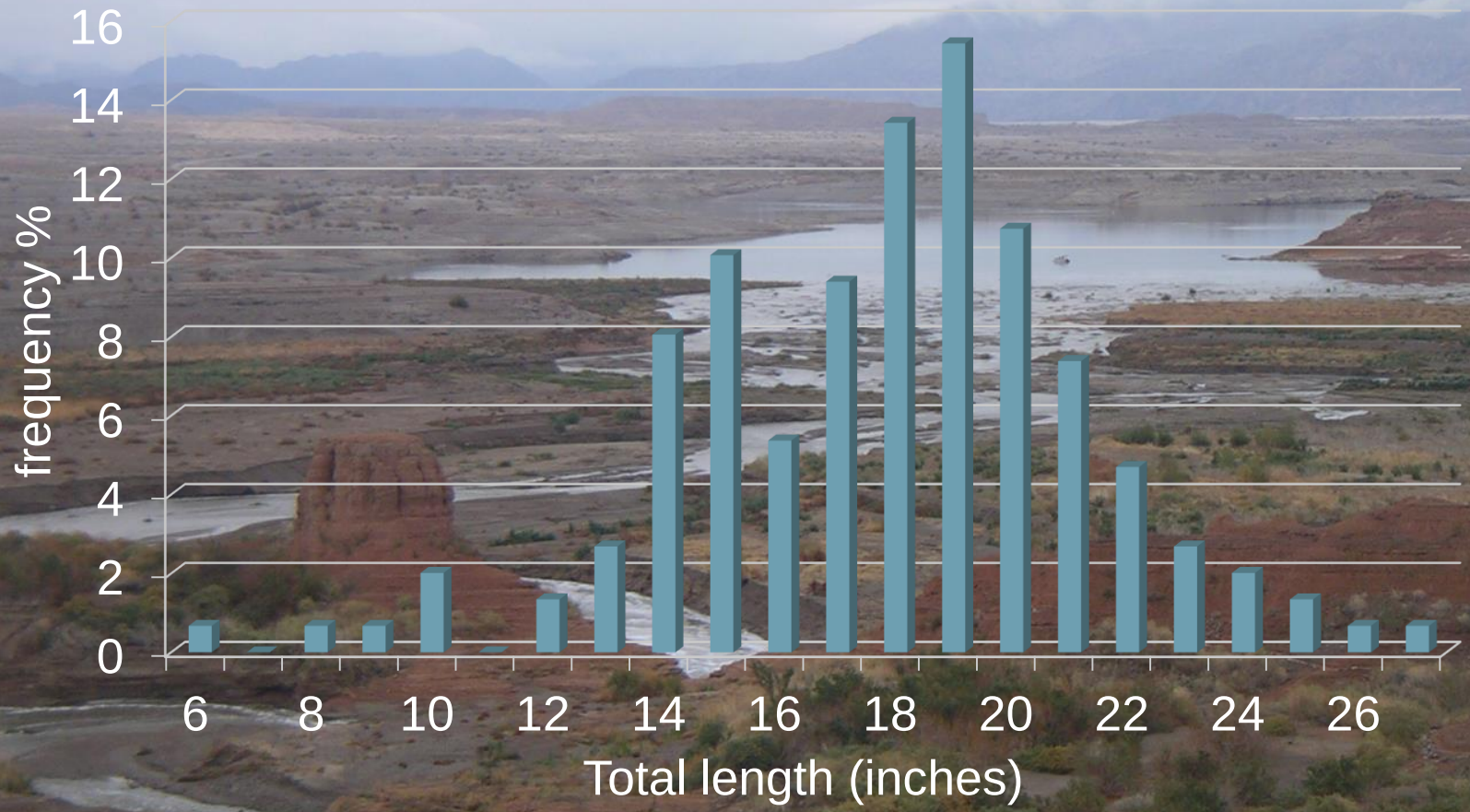
Striped bass
Fall electrofishing



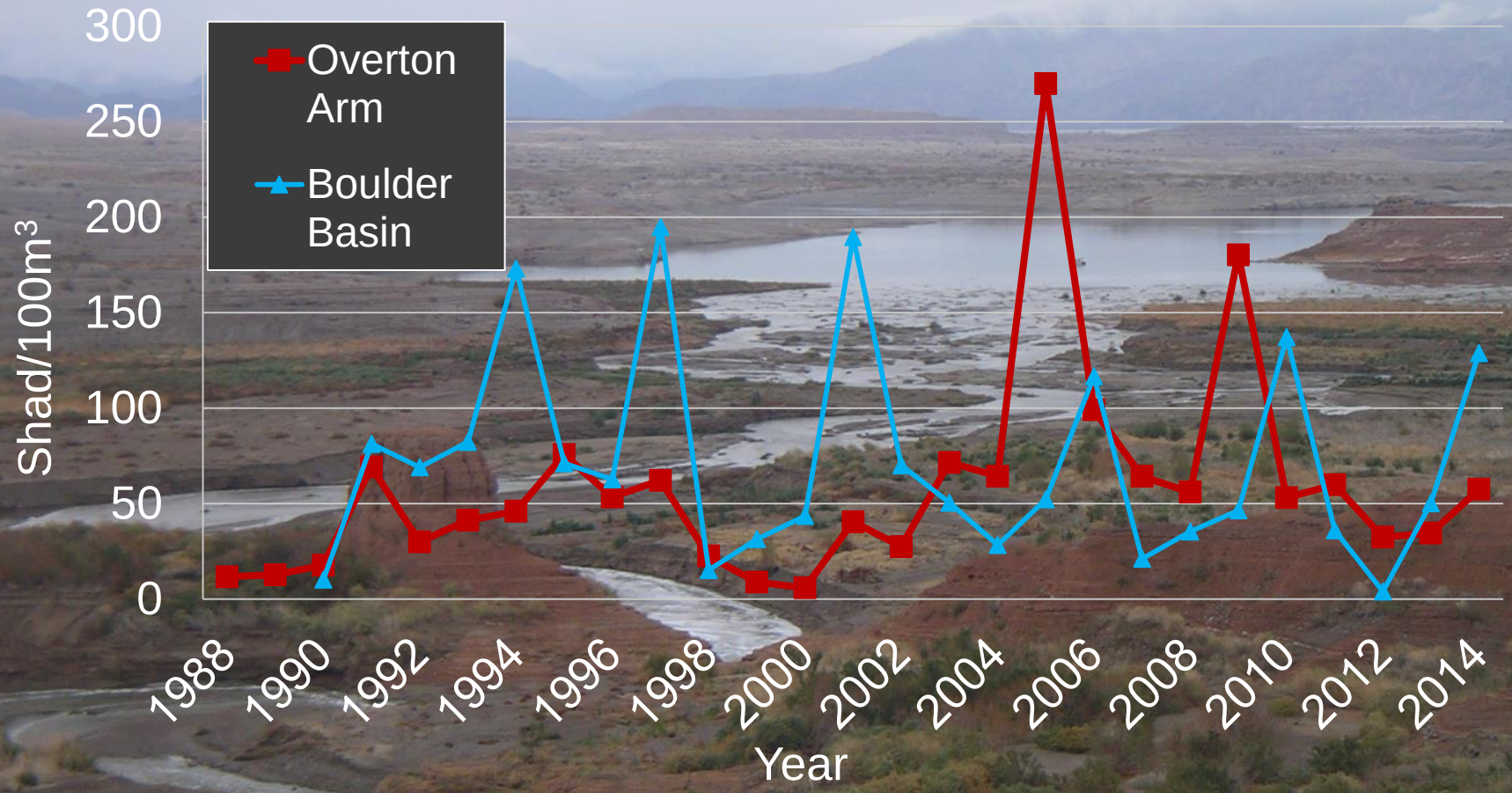
Channel catfish
Fall gill net CPUE

$W_r = 85$

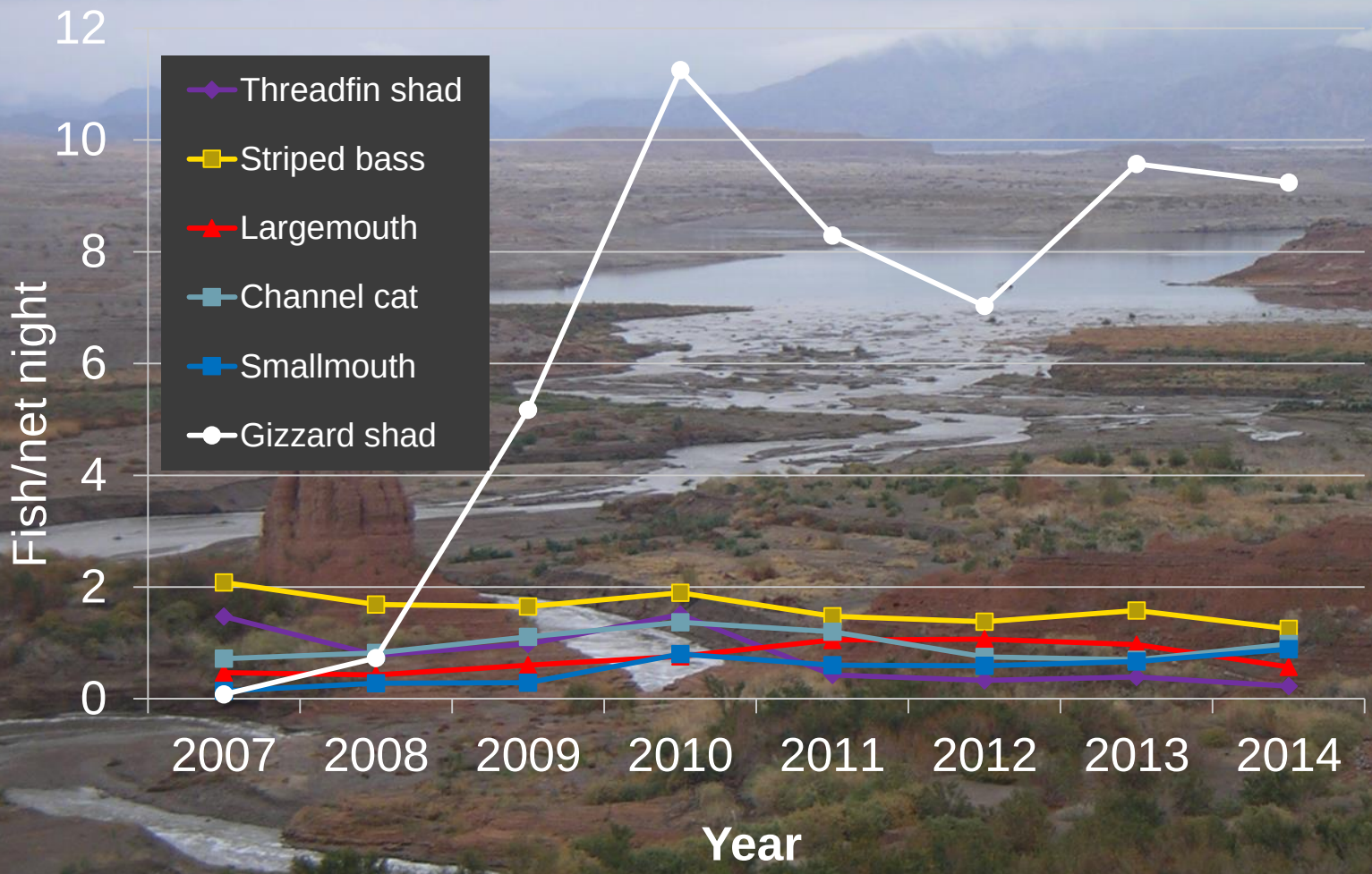
Channel catfish length frequency distribution - Fall gill nets



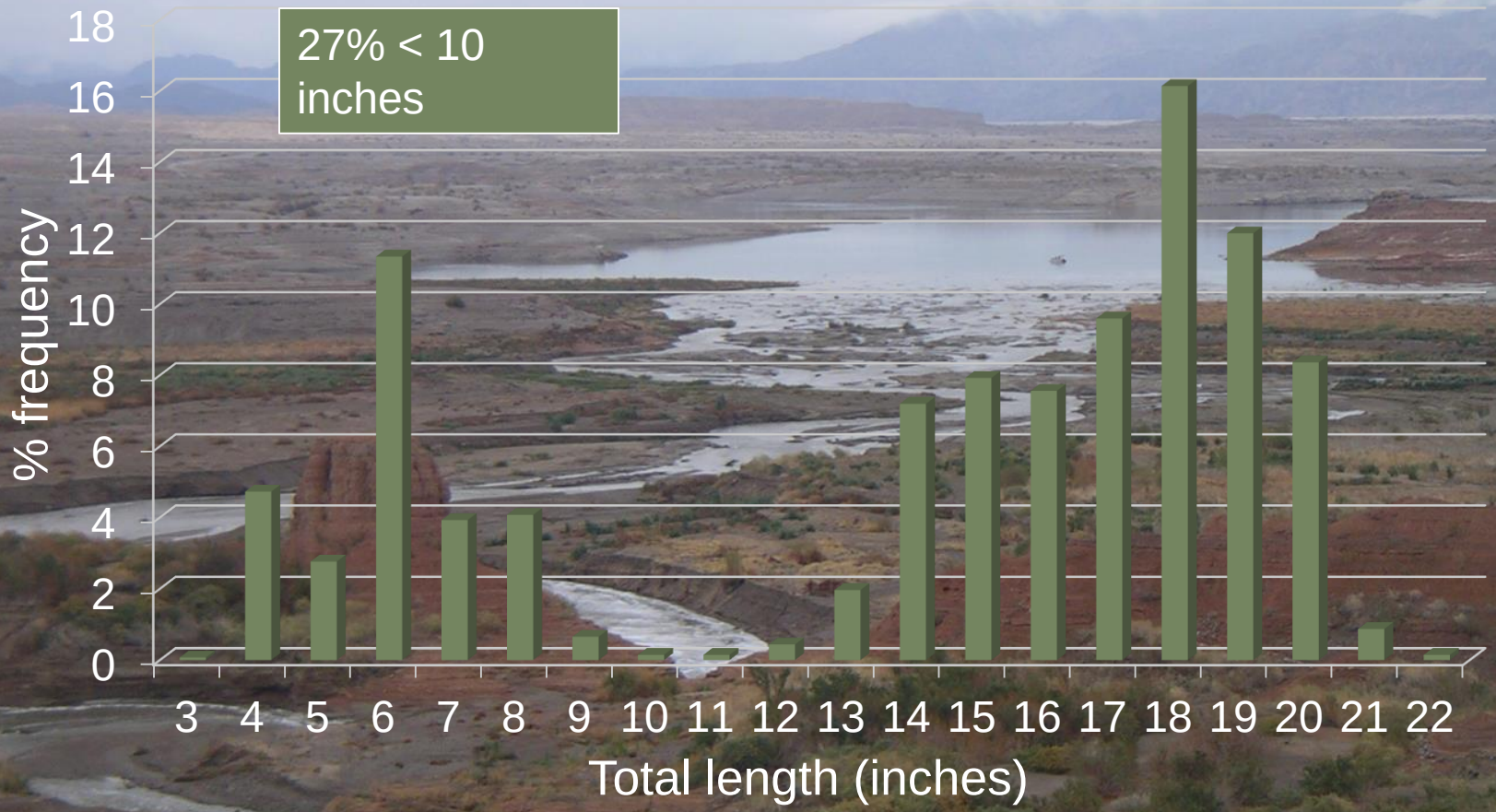
Prey species – threadfin/gizzard shad trawls



Prey species - gizzard shad abundance
Fall gill net CPUE



Gizzard shad length frequency distribution - Fall gill nets



Creel Survey Results

- Angler Catch Rates
  - Fish/hour = 0.73 (last year = 0.84)
  - Fish/angler = 3.37 (last year = 3.92)
- Harvest
  - Striped bass 95%
  - Black bass 2.5%
- Preference
  - Striped bass 65%
  - Black bass 21%

Noteworthy

- 9.8 lb. largemouth bass caught in April
- Rainbow trout caught by AGF in electrofishing survey (Gregg Basin)
  - 11.2 inches, 0.3 lb.
- 2 Walleye caught in gill net survey:
  - Virgin Basin (BOR) = 20.3 inches, 3.3 lb.
  - Gregg Basin (AGF) = 11.2 inches, 0.5 lb.

Thank you