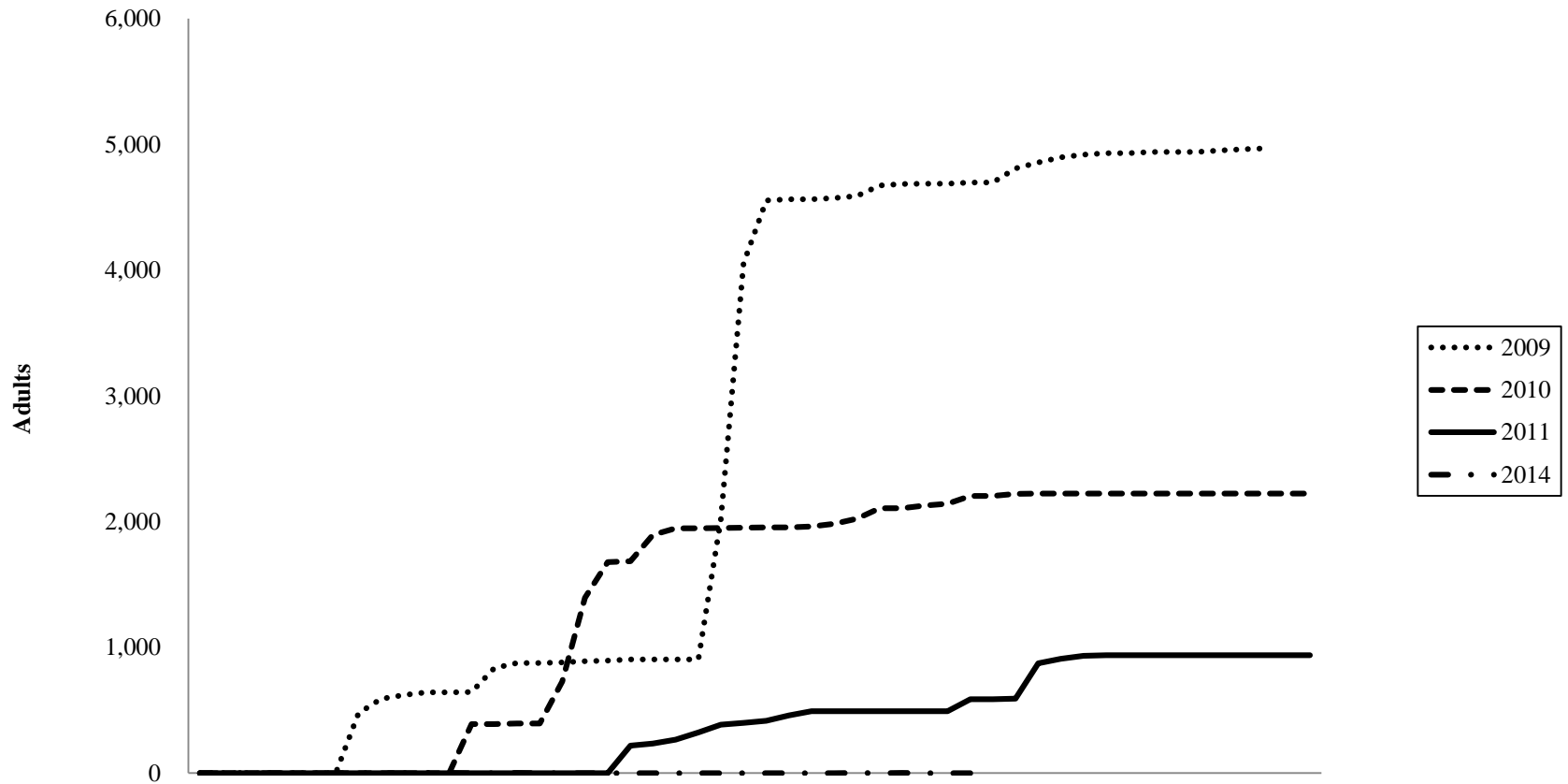


SHELL LAKE NORTHERN PIKE & SALMON UPDATE 2014

By Andy Wizik: Biologist Cook Inlet Aquaculture

2009-2011, 2014

Shell Lake Adult Sockeye Escapement



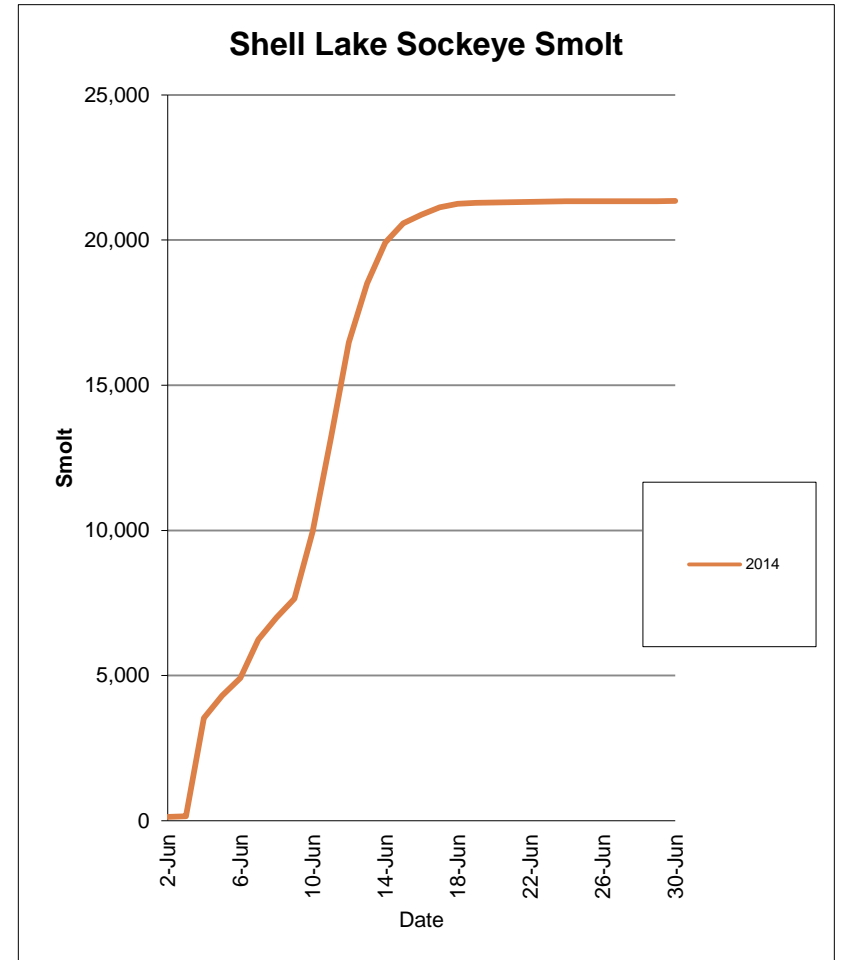
2014 Escapement



Smolt



Smolt out

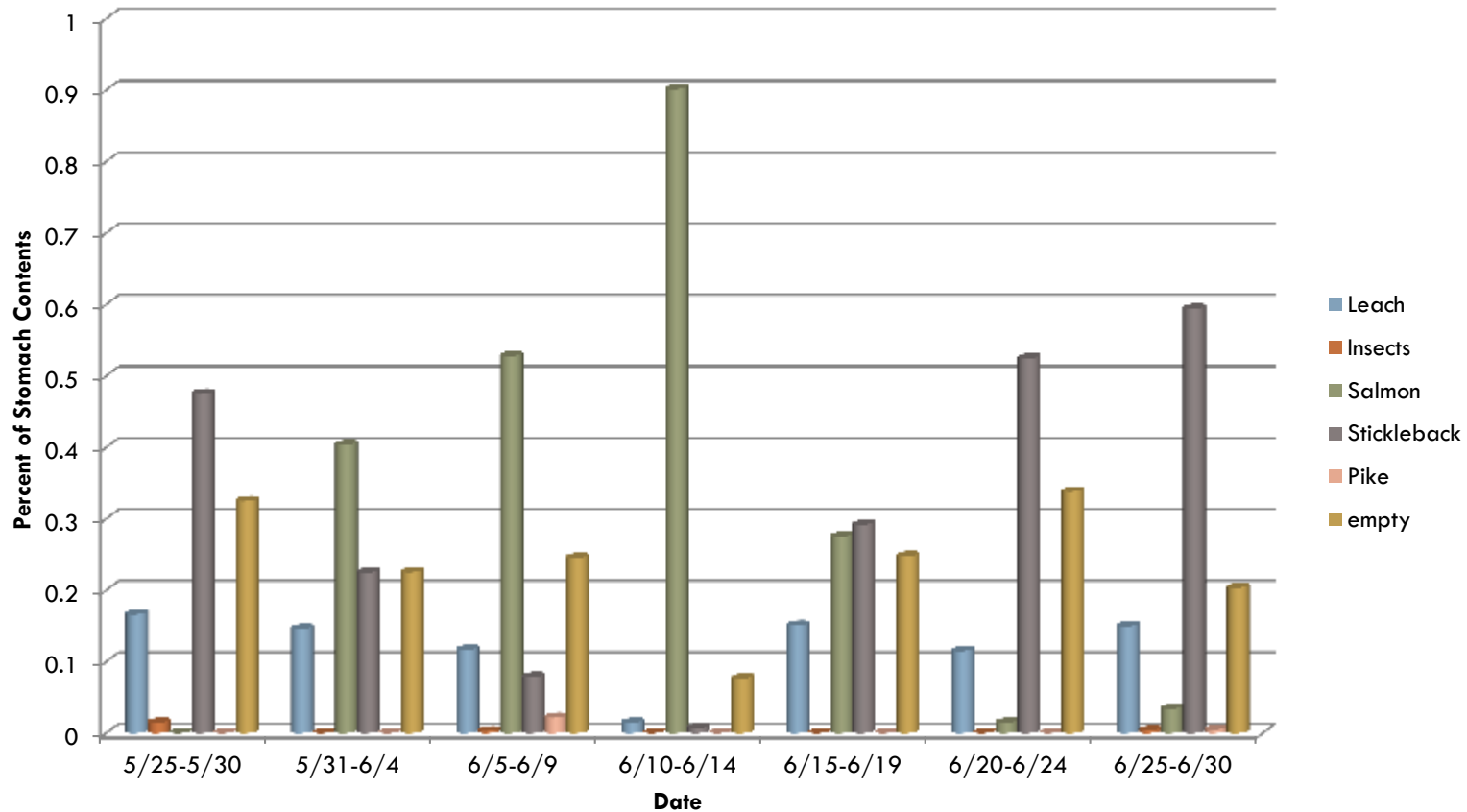


Where did they go?



Why we target pike

June 2014 Stomach Contents



The good news!

Gill net Catch per Unit Effort 2012-2014

| Year | Net Hours | Fish caught | CPUE |
|------|-----------|-------------|-------|
| 2012 | 224 | 87 | 0.388 |
| 2013 | 1838 | 467 | 0.254 |
| 2014 | 15072 | 1356 | 0.090 |



Trout



Sticklebacks



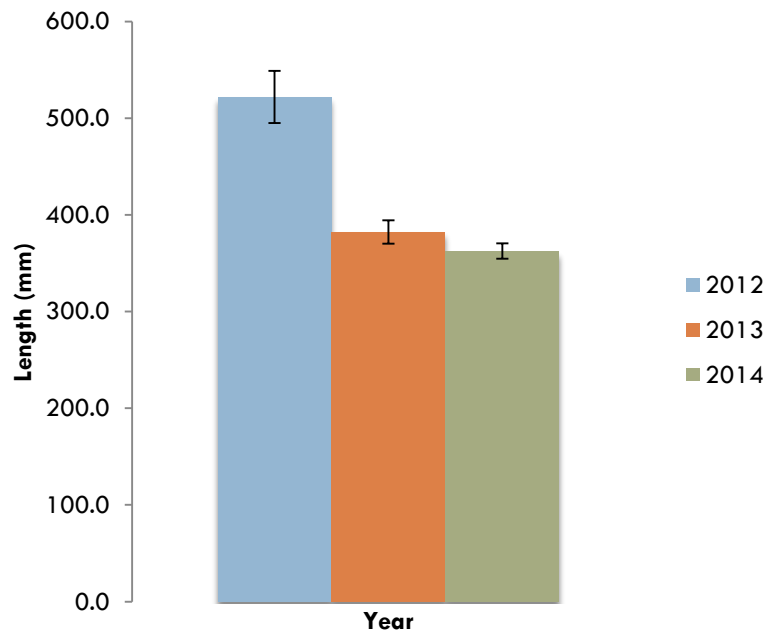
Burbot



Change in Pike Sizes

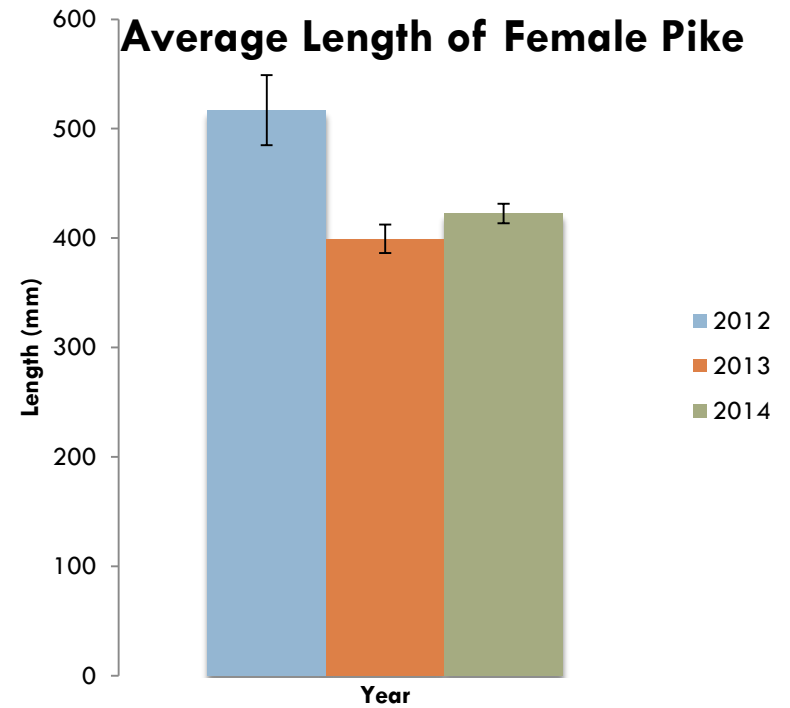
Males

Average Length of Male Pike

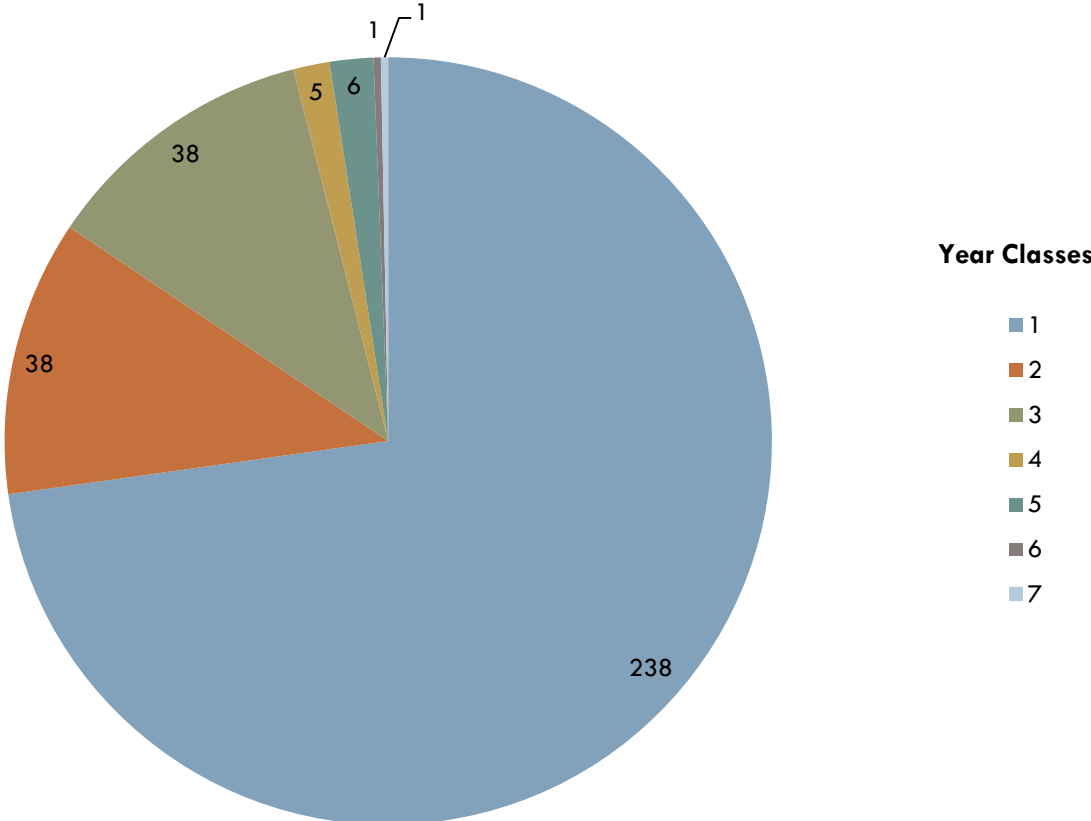


Females

Average Length of Female Pike

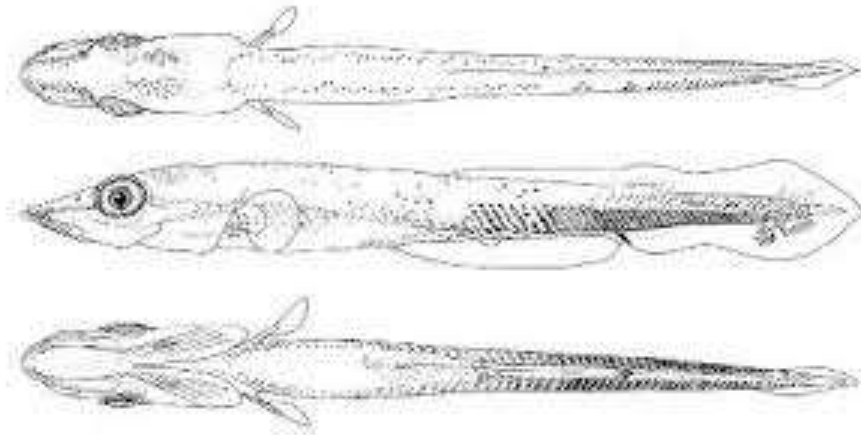


Age Composition



Potential new methods

- Adhesion disruption
- Lake mixing



Shell lake crew



Questions

