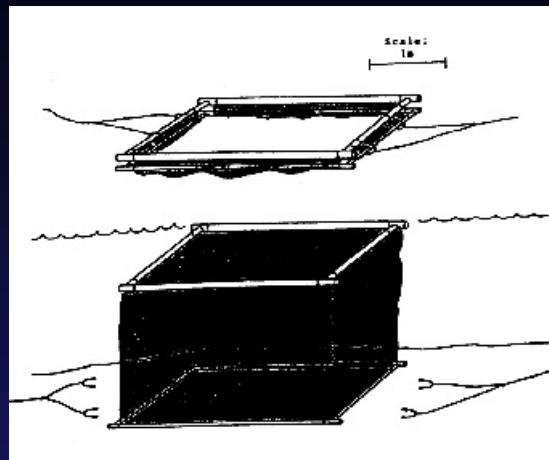


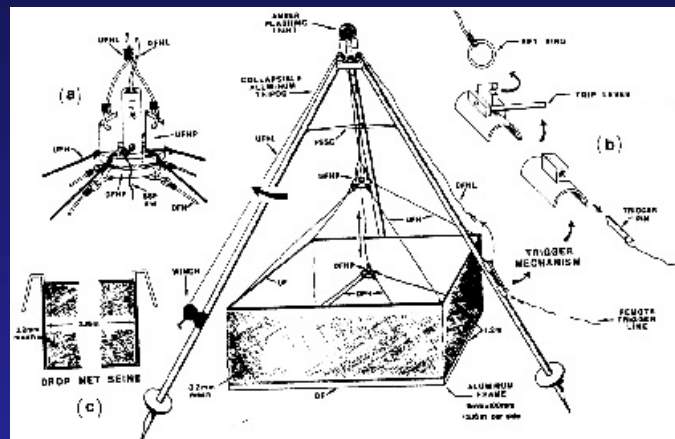
Active Sampling Techniques

Pop Net



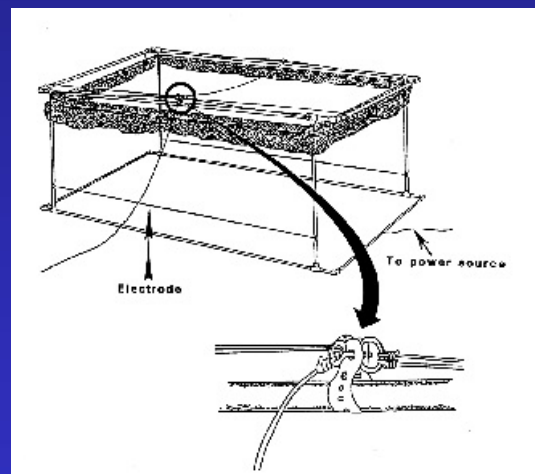
Serafy et.al., 1988

Drop Net



Gilmore et.al., 1978

Electro
Fishing
Grid/Drop Net



Dewey 1992

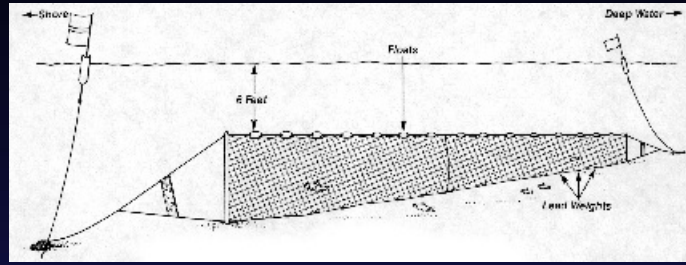
Throw Trap



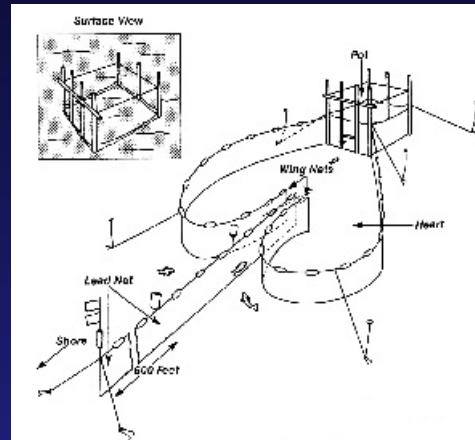
Kushlan 1981

More Passive Capture Techniques

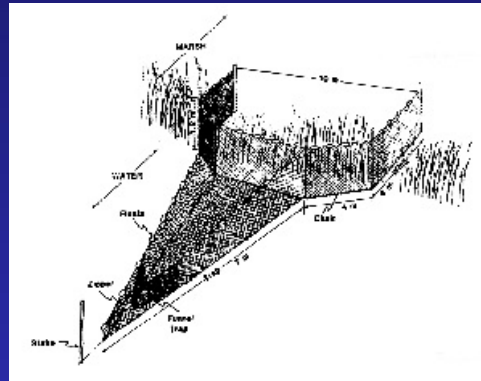
Gill Net



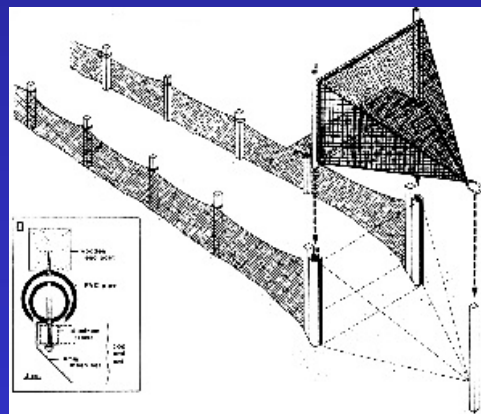
Pond Net



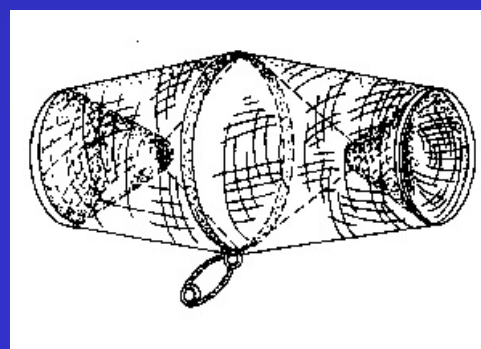
Block Net



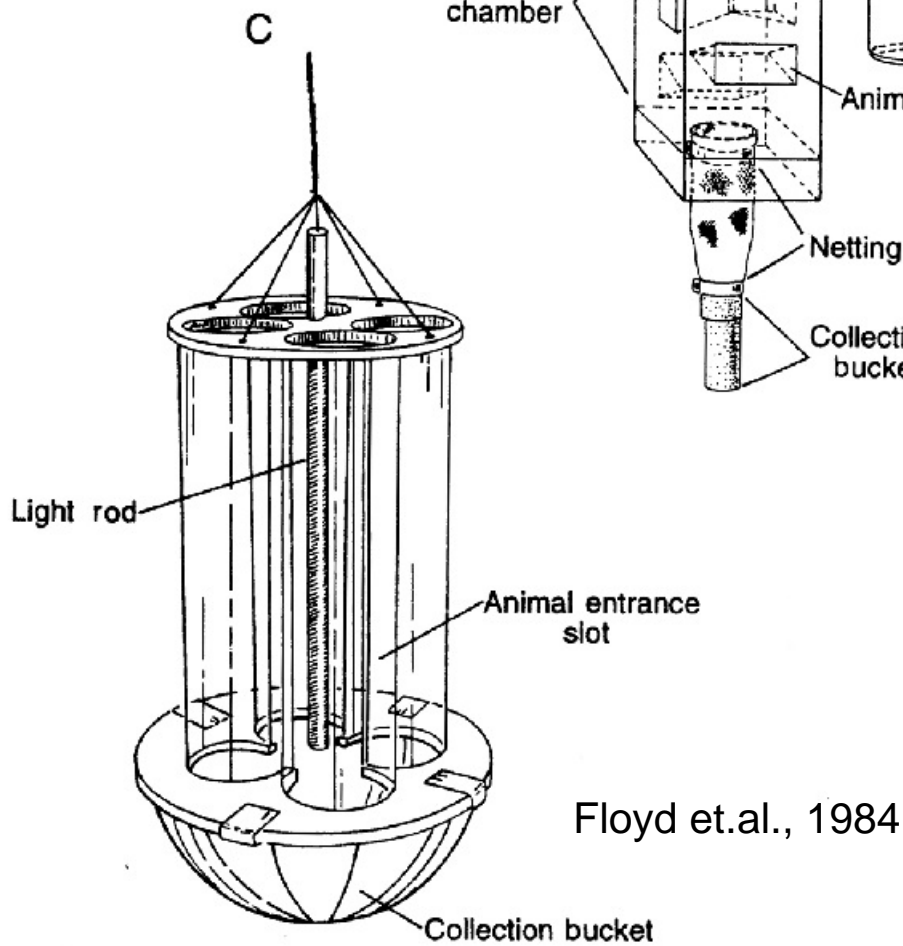
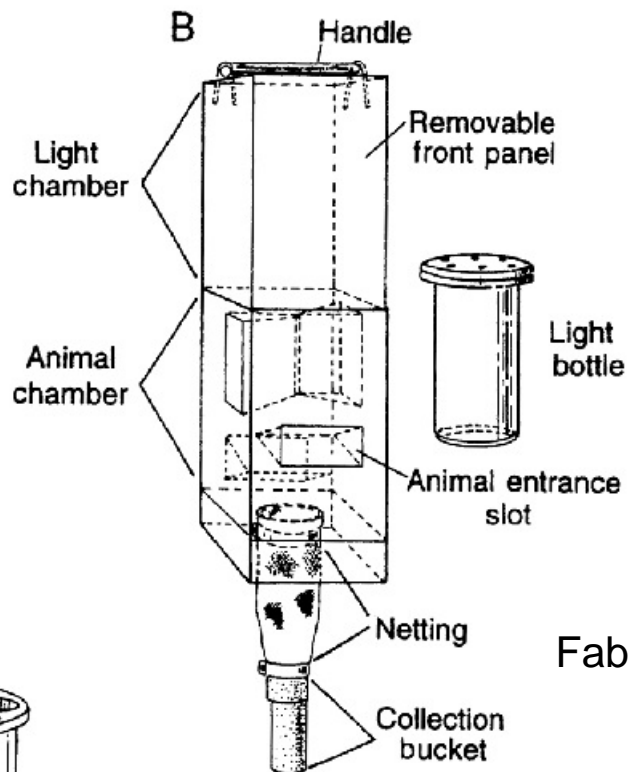
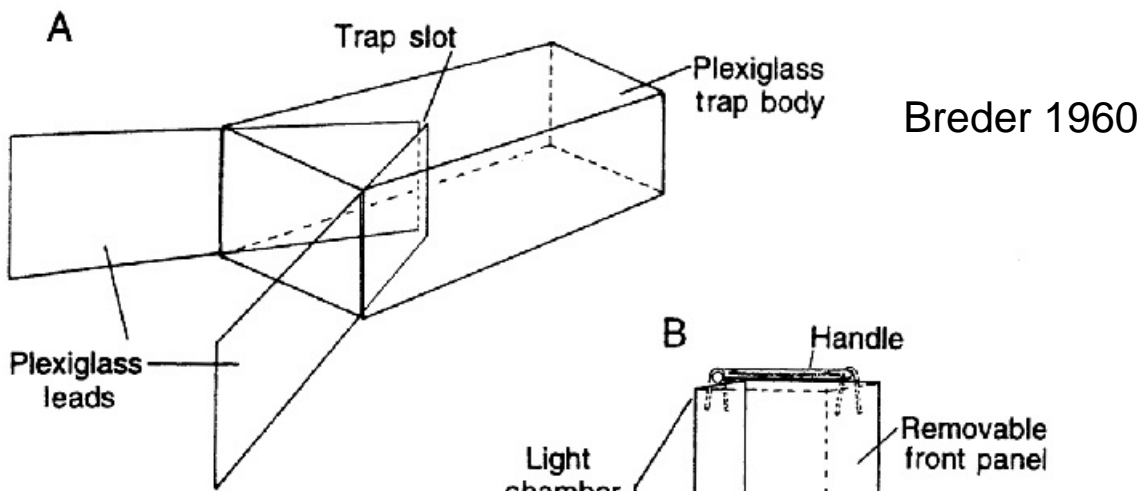
Flume Net



Minnow Trap

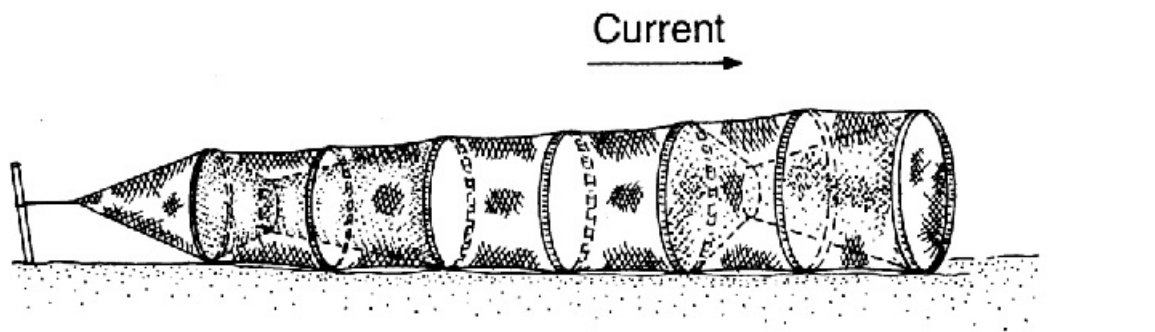


Larval Light Traps

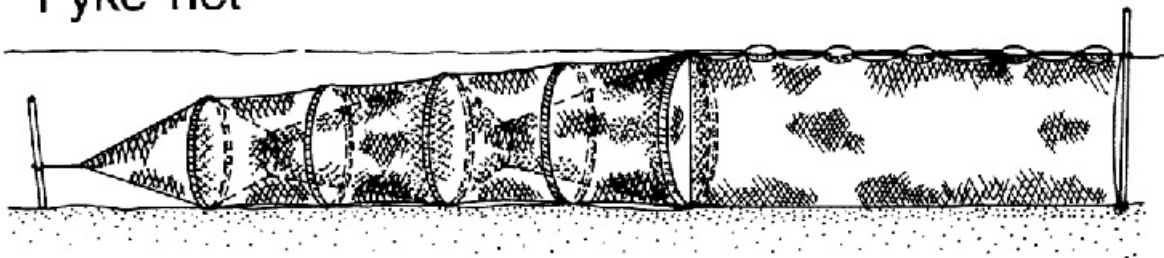


Passive Capture Techniques

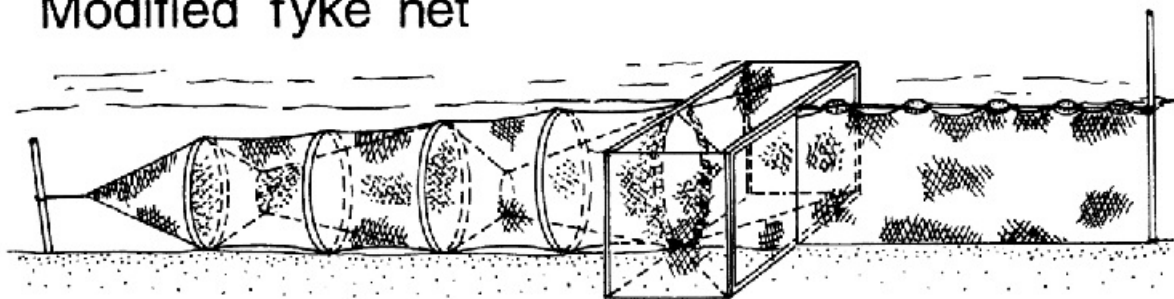
Hoop net



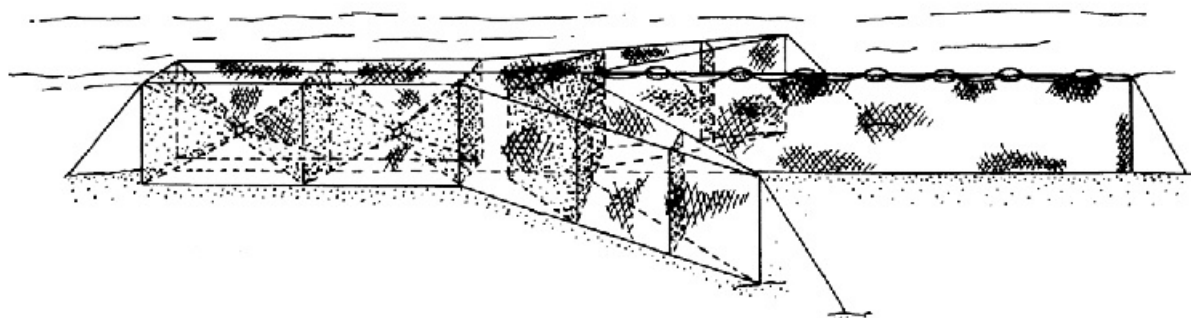
Fyke net

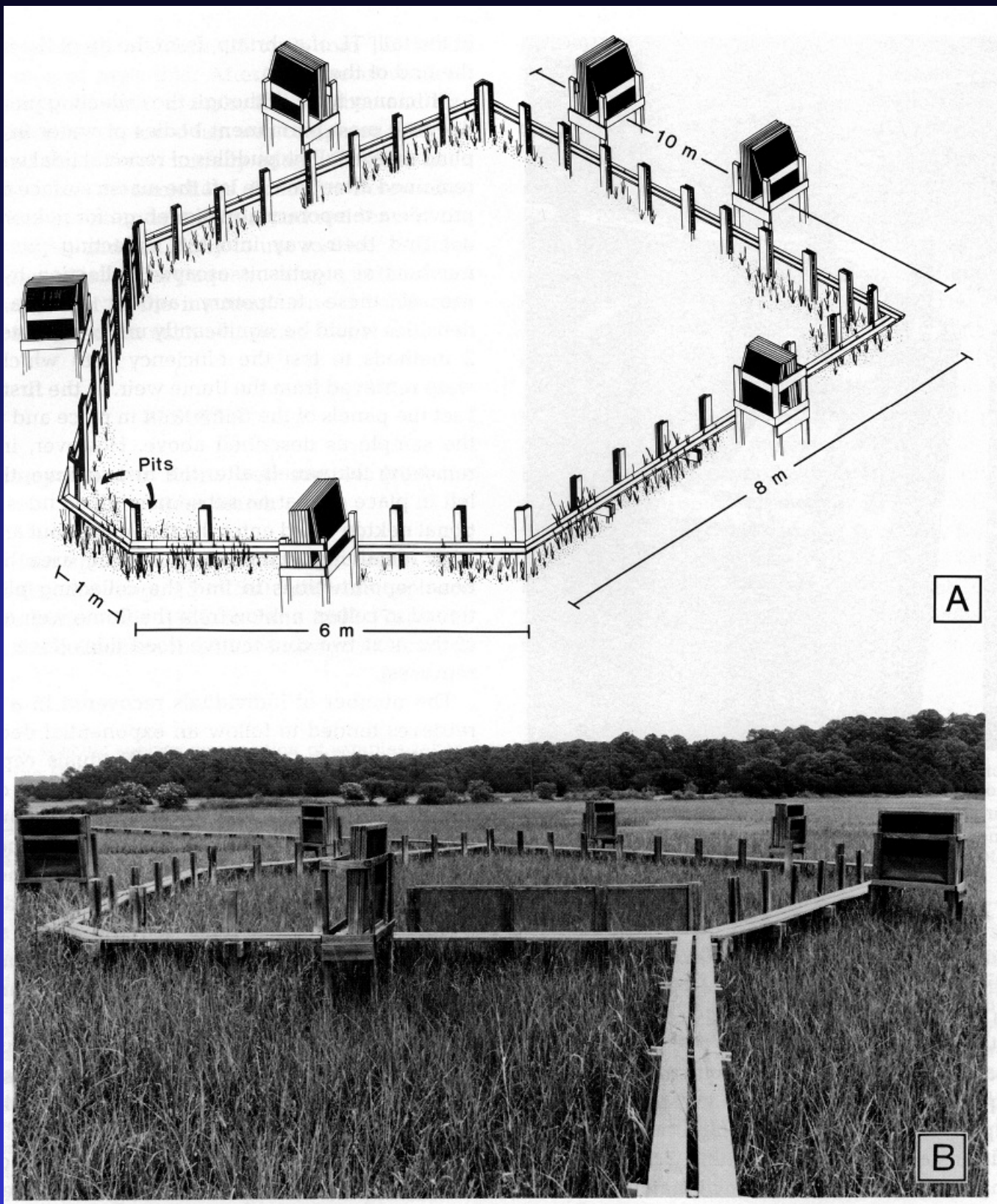


Modified fyke net



Trap net







Recommendations for Bioassessment Fish Sampling Methods by Wetland Type

Floodplain Forests - Electrofishing boat

- difficult to use seines and active trap gears, easy to lose passive gears in floods

Great Lakes Coastal Wetlands - Fyke nets possibly in combination with electrofishing

- active traps may also work but large effort may not be worth it, seines often not feasible

Vegetated Intertidal Marsh/Mangrove Swamps - Flume weir/flume nets or fyke-nets

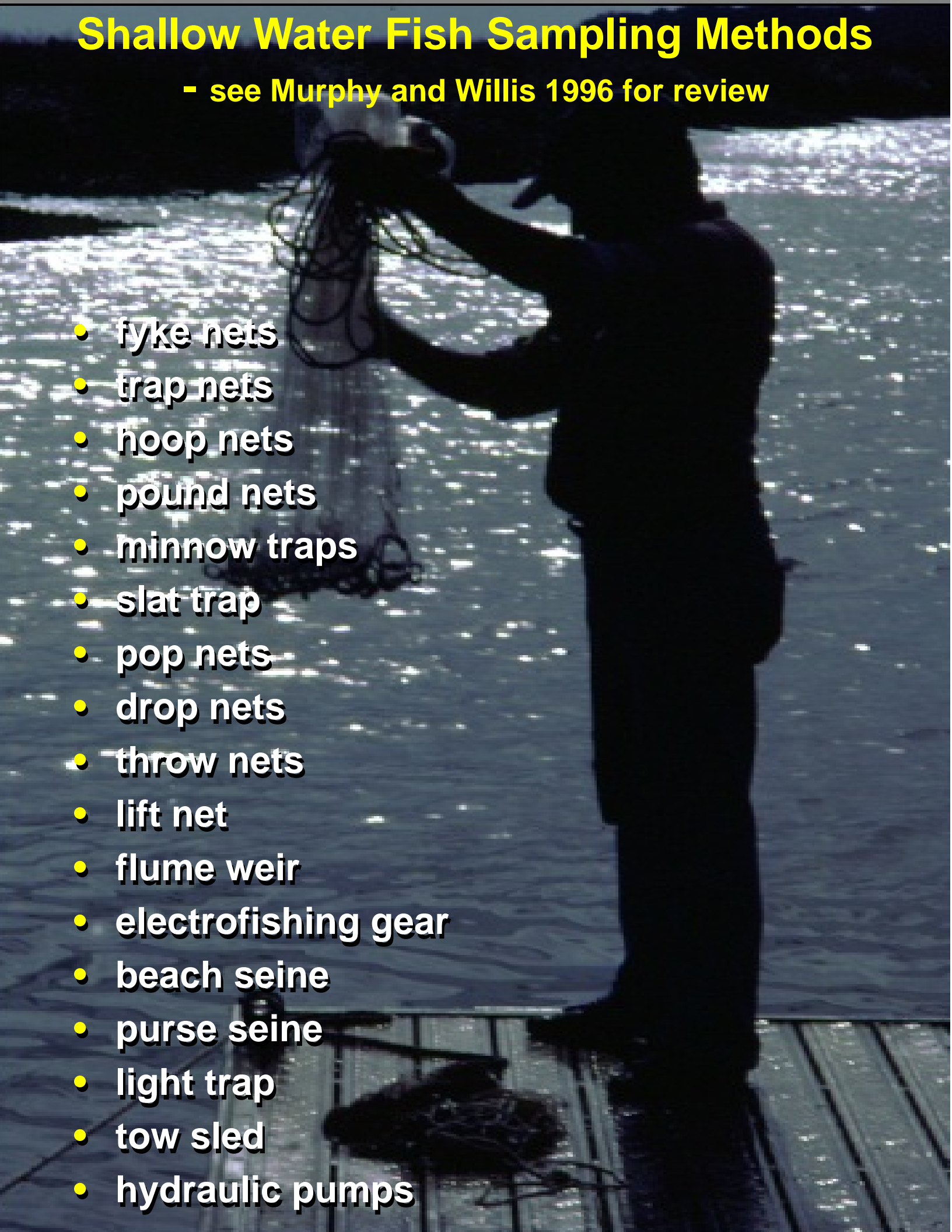
- flume weir/block nets can lead to high mortality
- fyke-nets set in tidal creeks need vertebrate exclusion device (alligators - Ryan King)
- salinity often too high for electrofishing

Freshwater Marshes - Mini fyke-nets, minnow traps or both (fykes need alligator exclusion device)

- throw traps if habitat destruction not important and density is important, electrofishing and seining often not feasible

Shallow Water Fish Sampling Methods

- see Murphy and Willis 1996 for review

- 
- A person in a wetsuit is standing on a wooden pier, holding a large fishing net over the water. The net is filled with fish, and the person is looking down at it. The background shows the water and a distant shoreline.
- fyke nets
 - trap nets
 - hoop nets
 - pound nets
 - minnow traps
 - slat trap
 - pop nets
 - drop nets
 - throw nets
 - lift net
 - flume weir
 - electrofishing gear
 - beach seine
 - purse seine
 - light trap
 - tow sled
 - hydraulic pumps