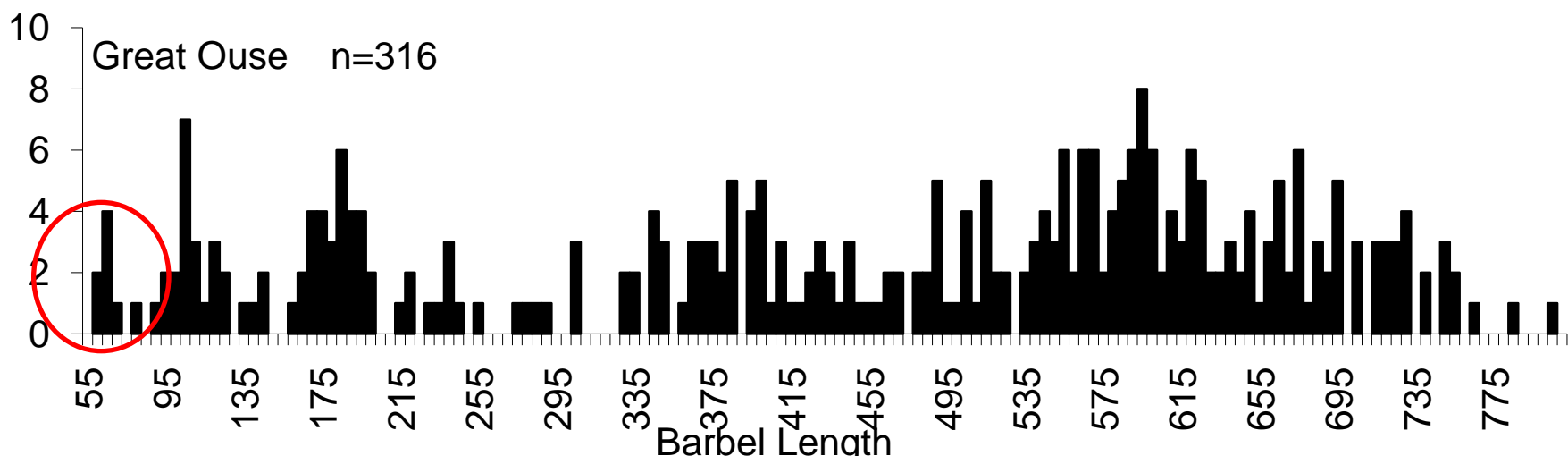
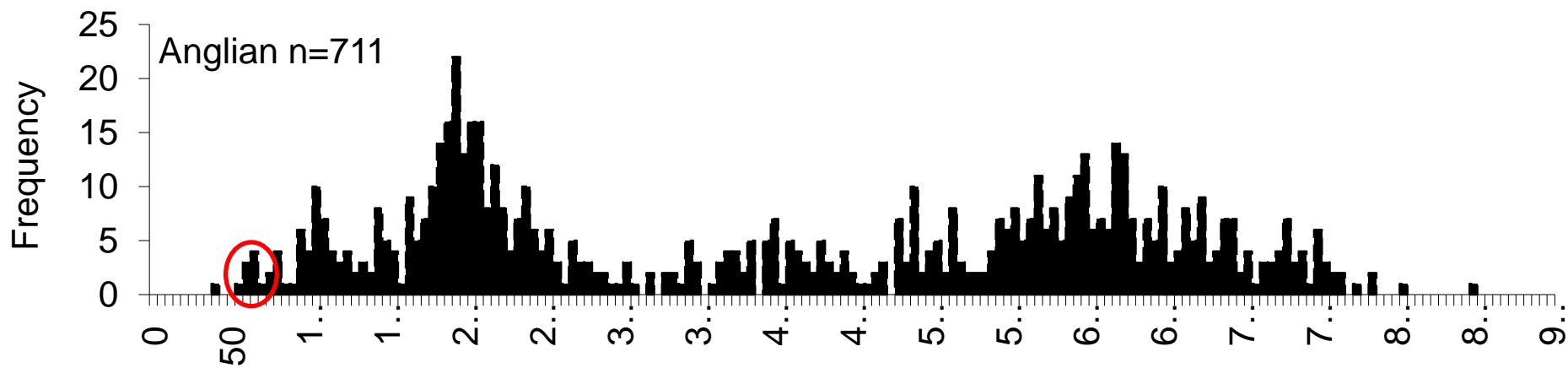
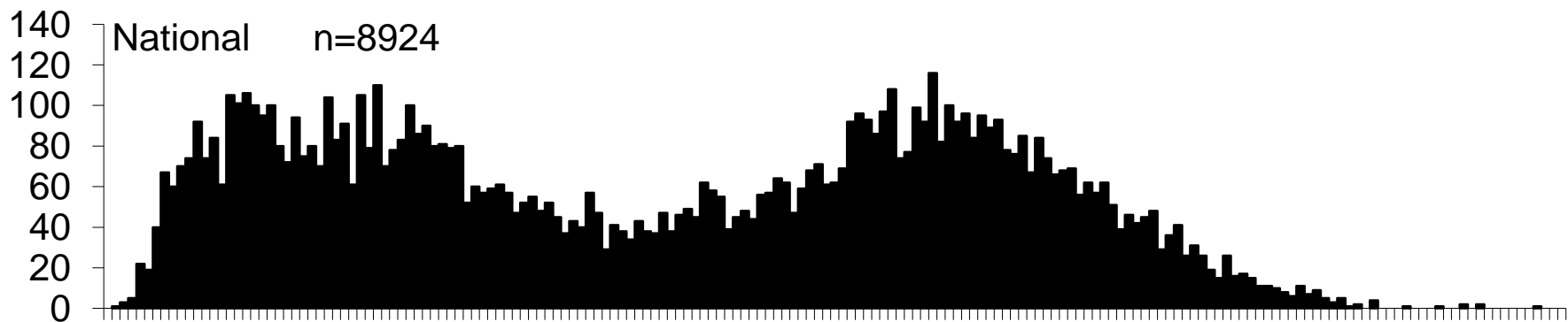


# The barbel project

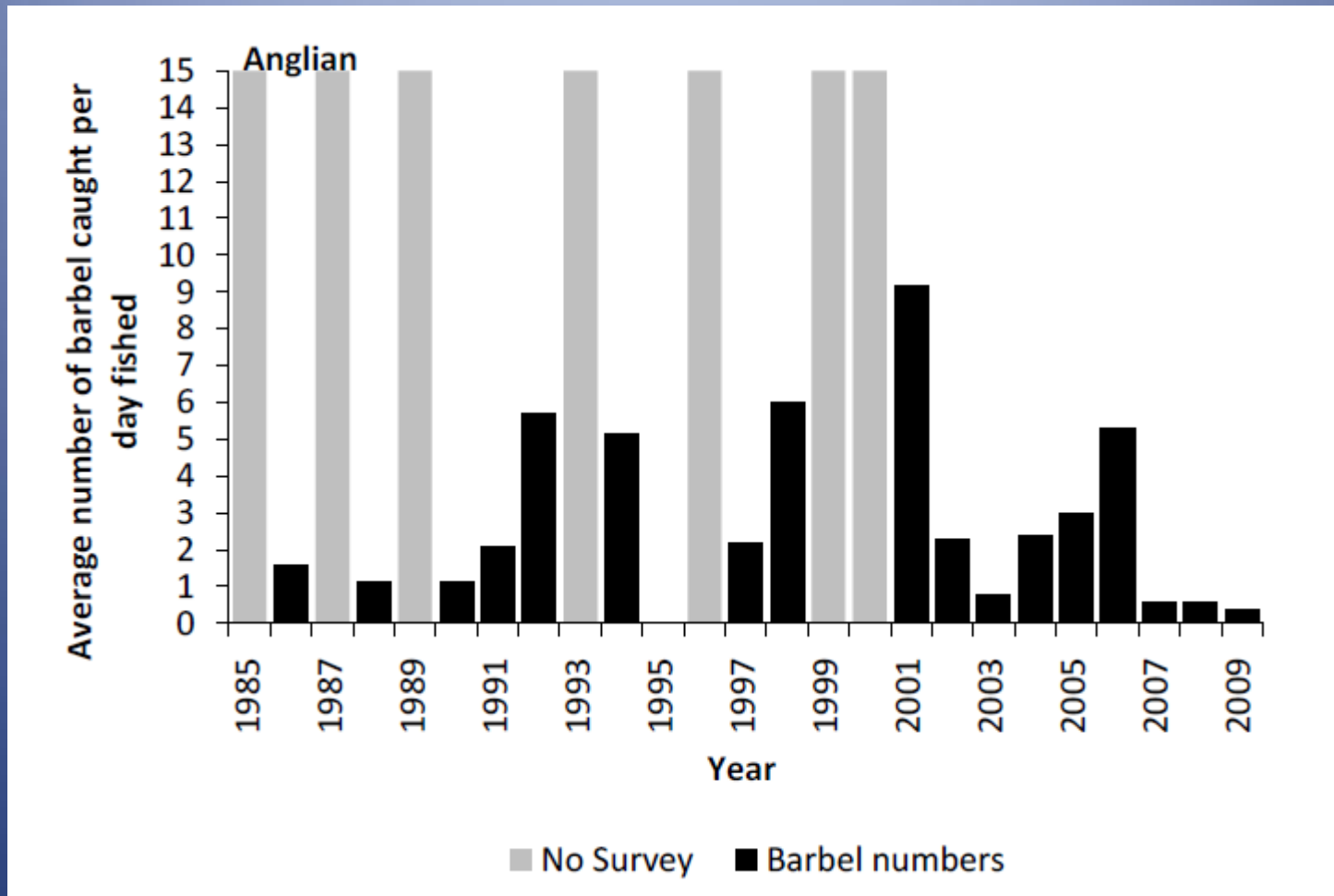


# Overview of the project

- Barbel are reportedly in decline.
- It is unknown what pressures are influential in the decline.
- Scientific proof on habitat quality, use and environmental influence is needed to base future projects on.
- It is unknown if barbel are recruiting naturally and how much stocking is supporting populations.
- Nobody really knows where the baby barbel go.



# Environment Agency catch data



Seine netting and electric fishing surveys

# Radio telemetry

Seasonal habitat preferences

Movements

Spawning observations

Pre spawning

gravel quality

Post spawning

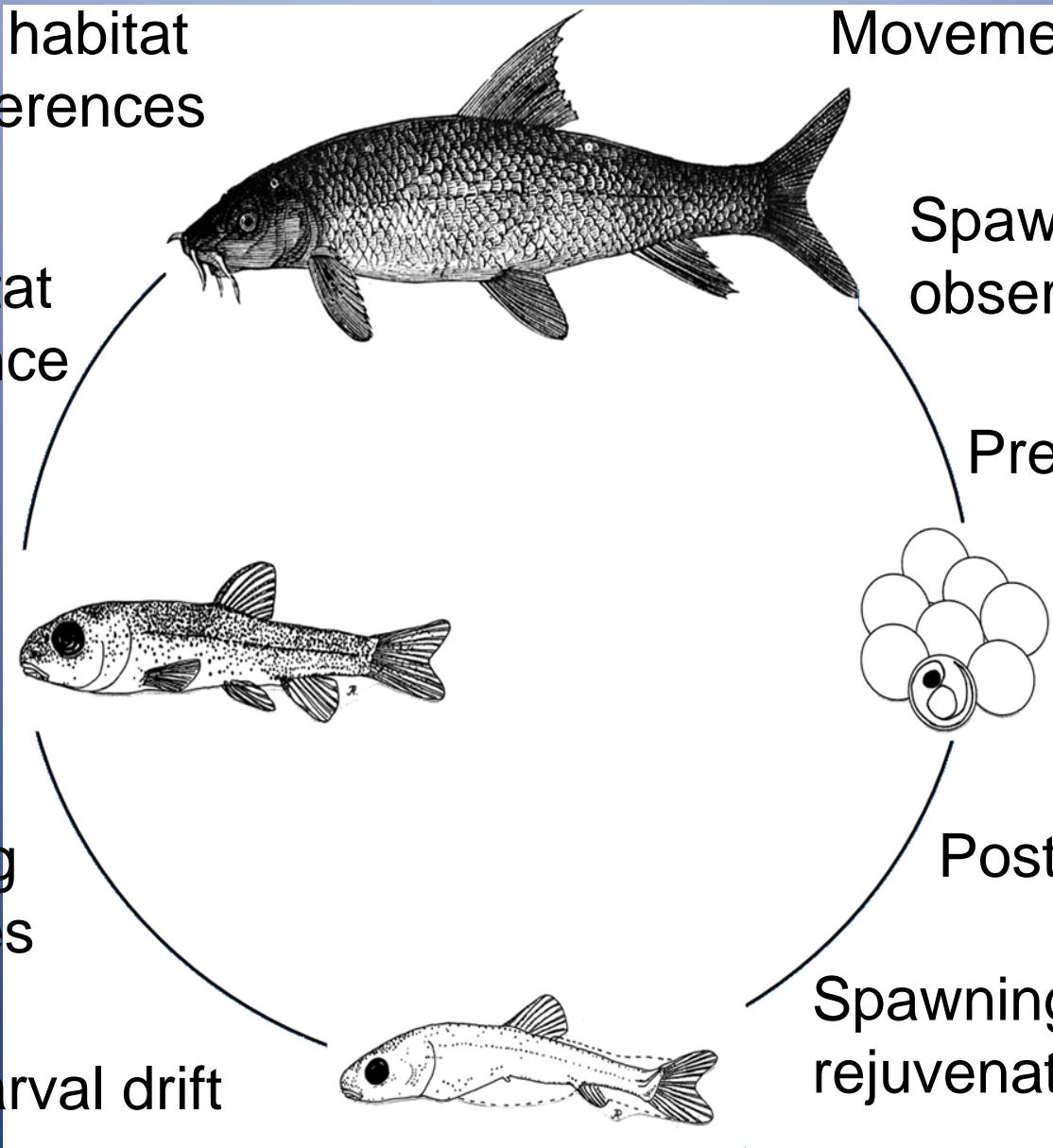
Spawning gravel rejuvenation

Larval drift

Feeding preferences

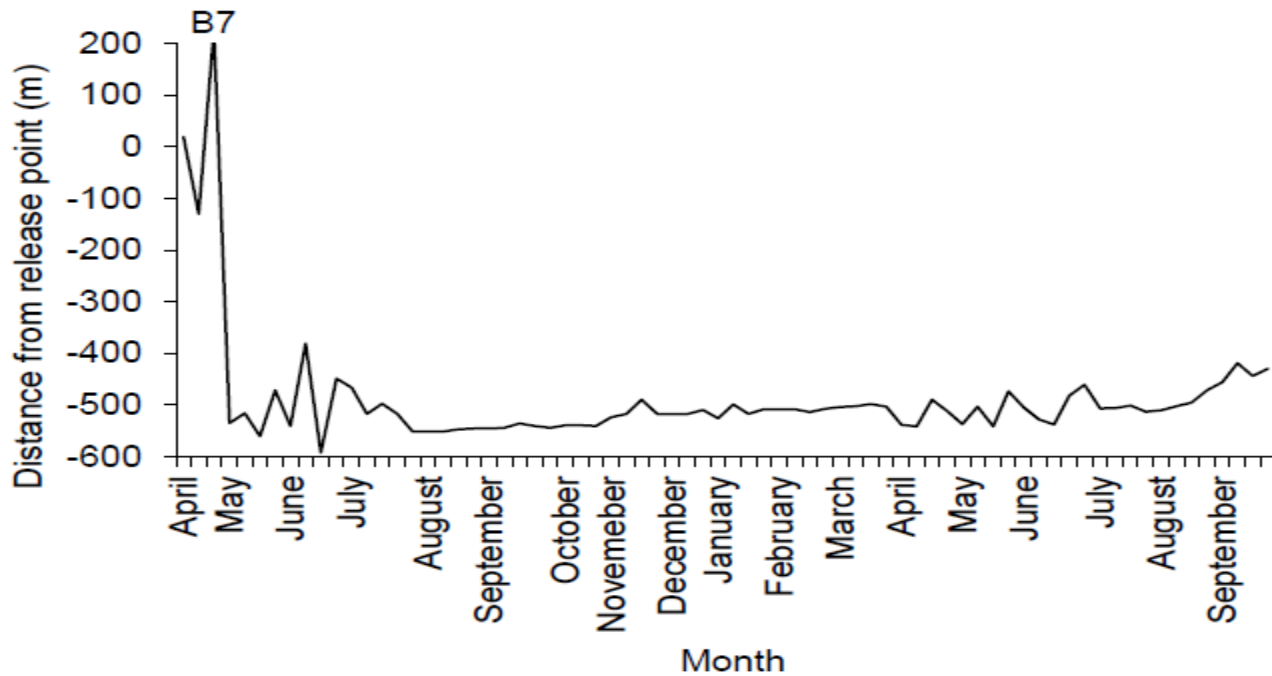
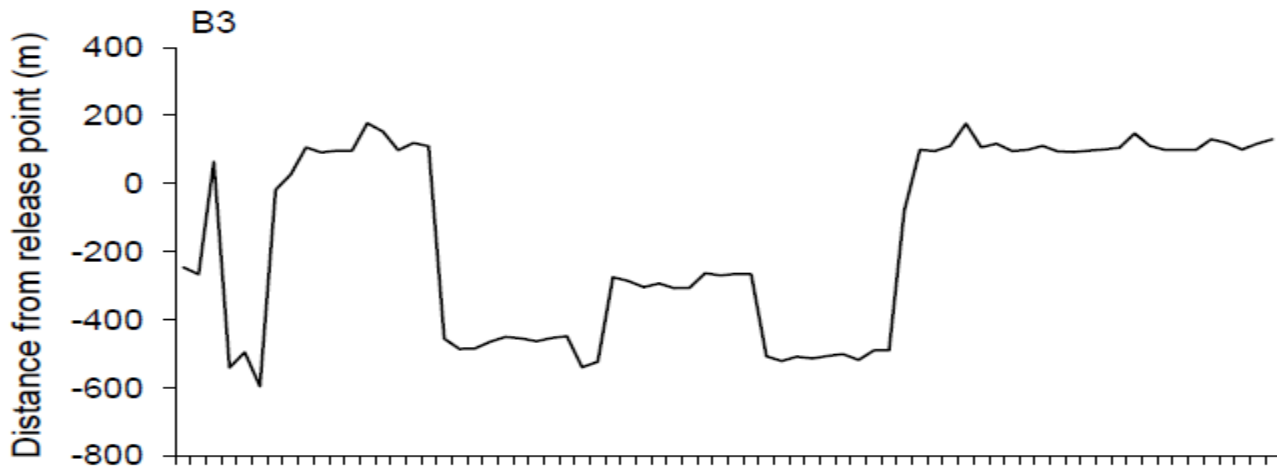
Juvenile sampling strategies

0+ to 3+ habitat preference

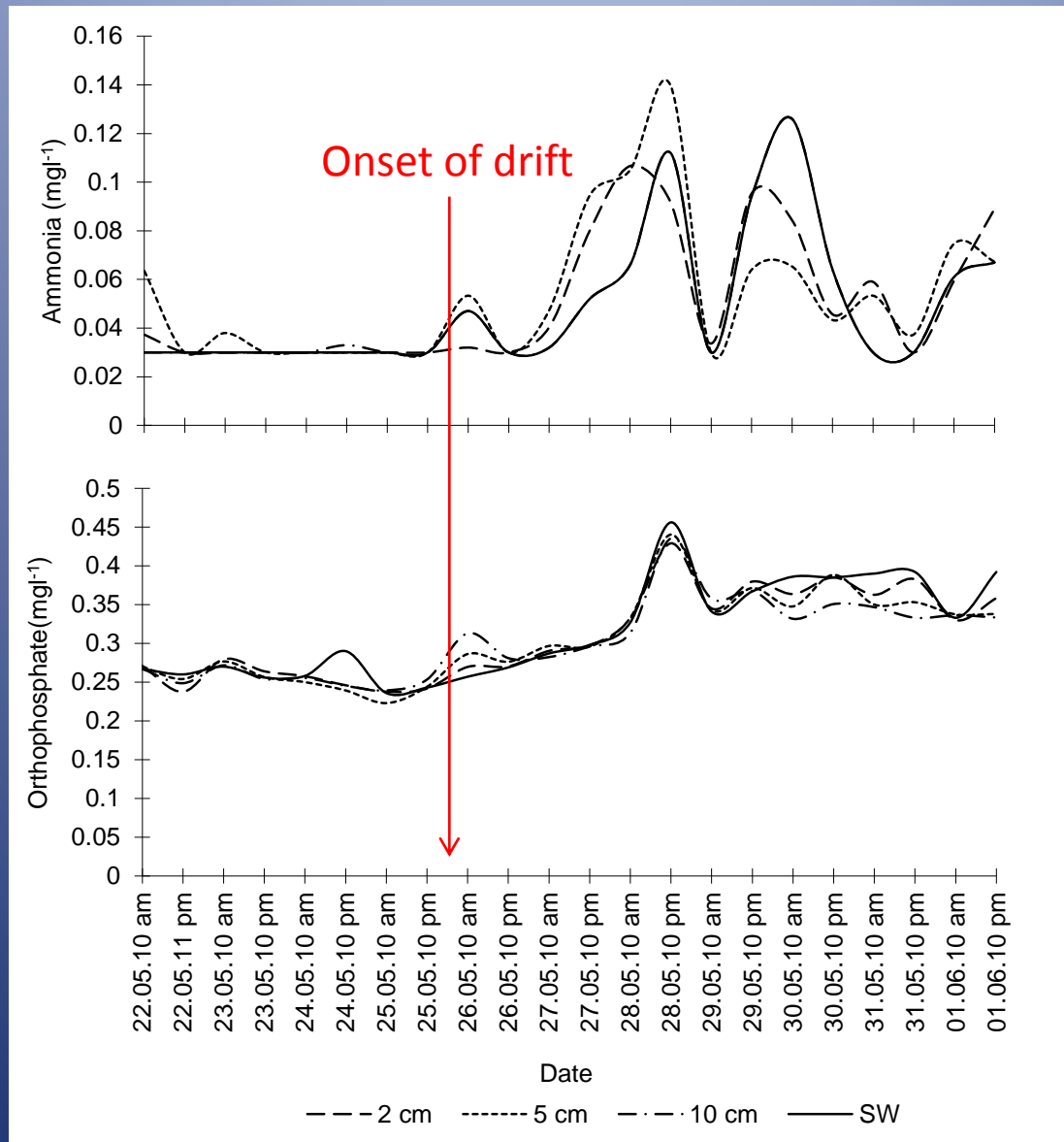


Quick results!

# Seasonal movements



# Twice daily sampling





Aquarium



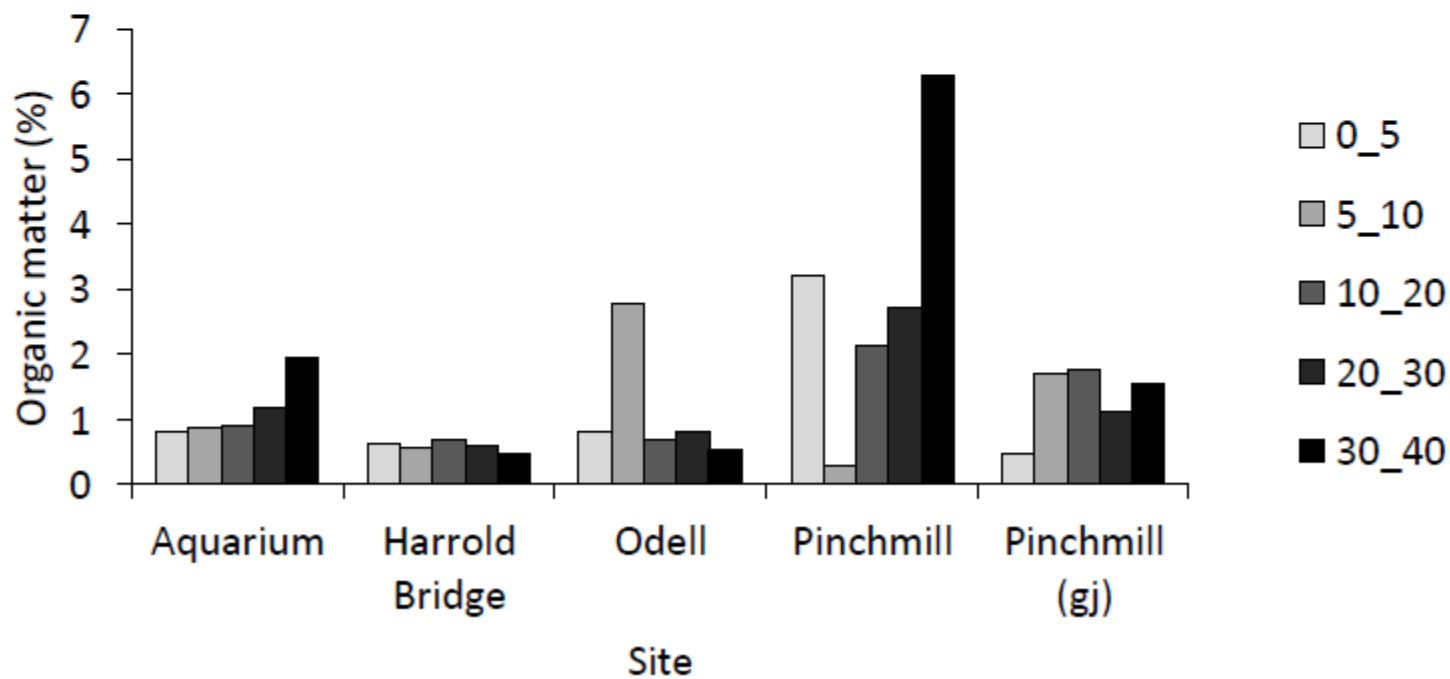
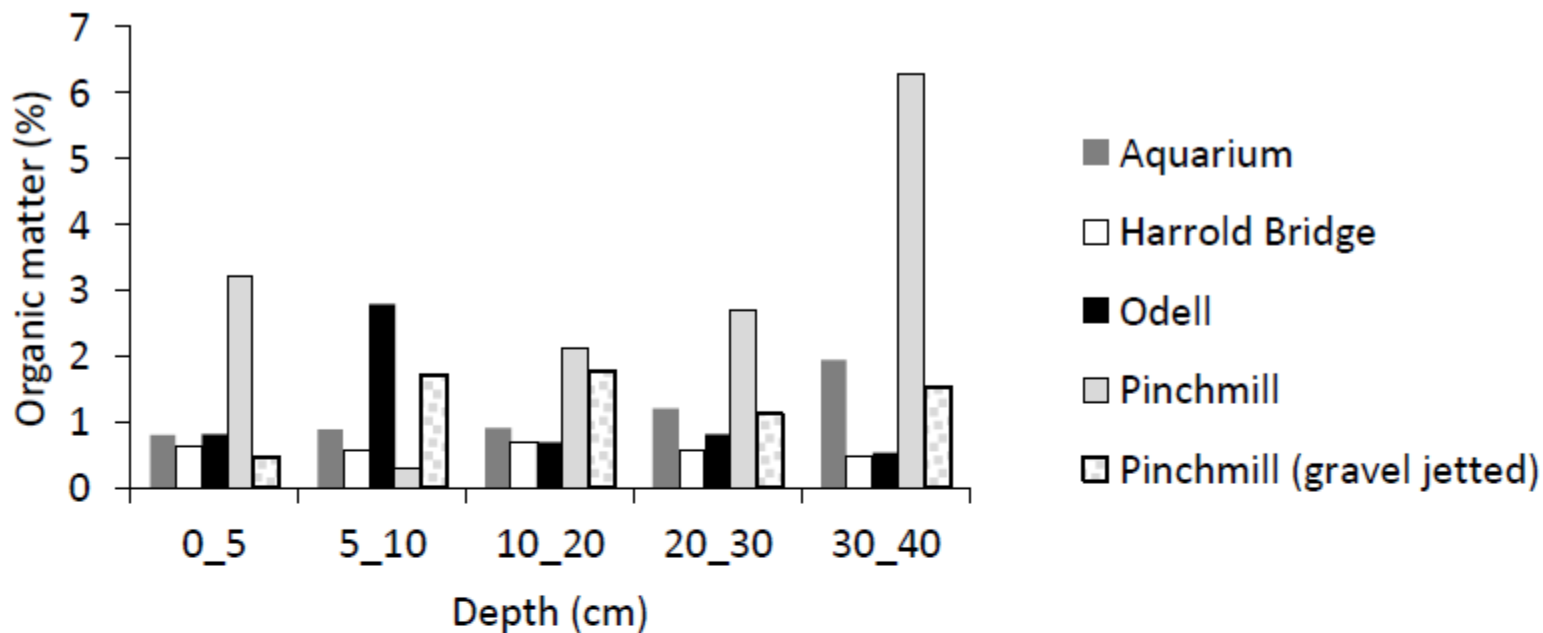
Harrold Bridge



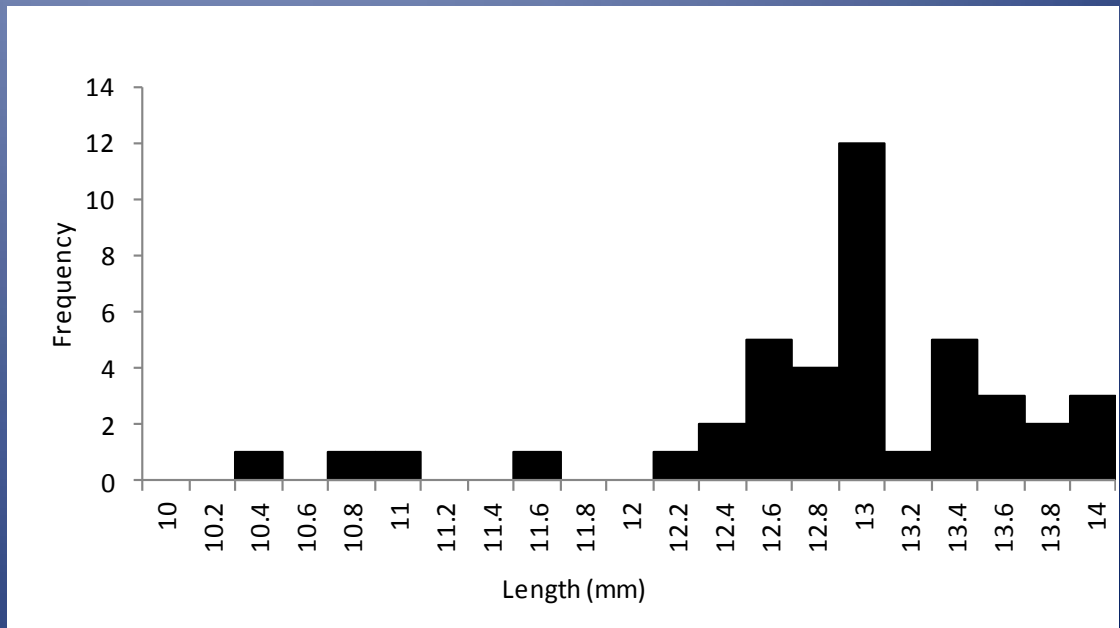
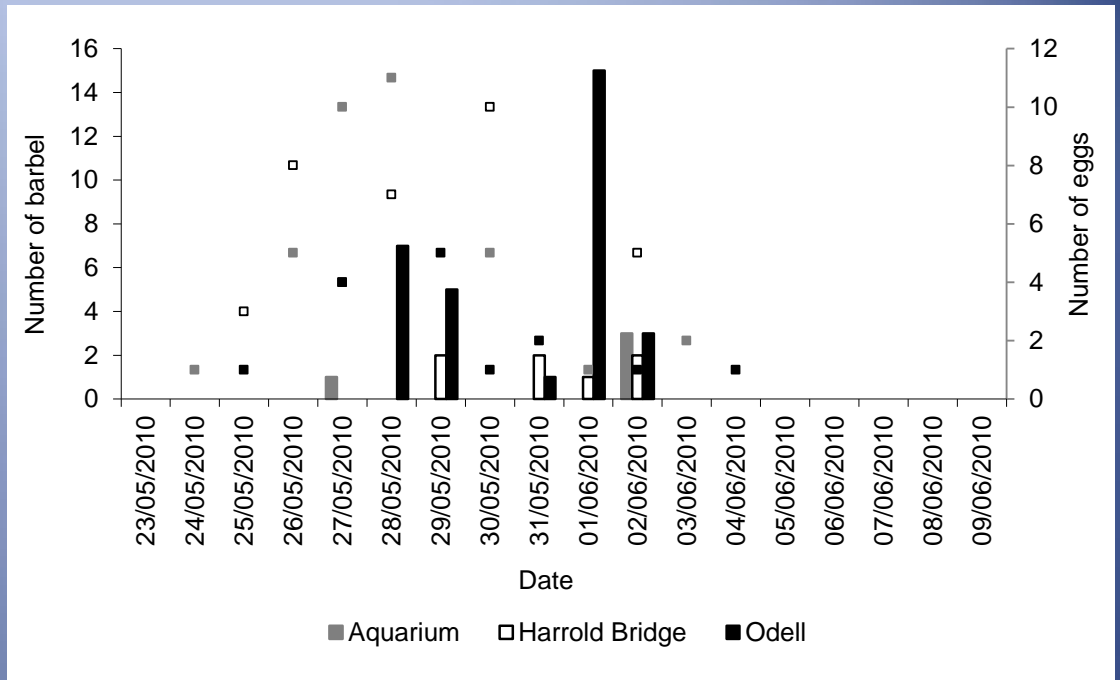
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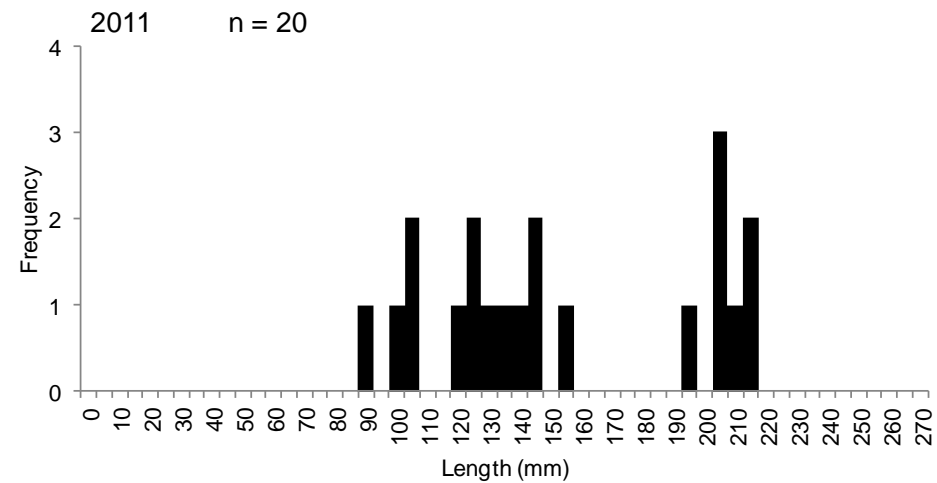
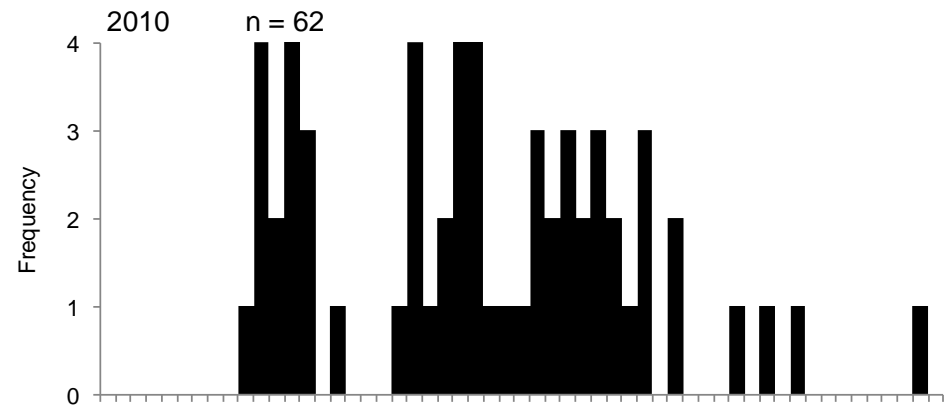
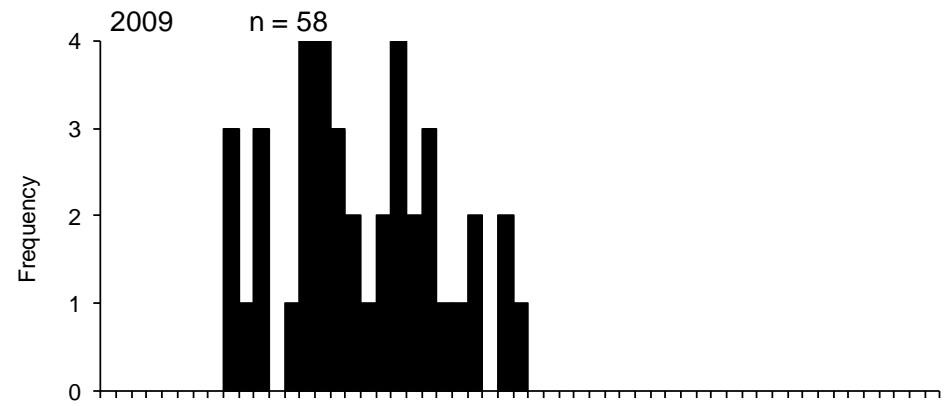
Pinchmill



# Larval drift results



# Continuous electric fishing for young barbel



Thank you!