

## ANGFA NSW Wolli Ck Field Trip

19/02/2022

Coming off the back of another COVID outbreak and missing out on our January field trip we chose to do a new area Wolli Ck, after some conversing with Peter Stevens (Wolli Creek Preservation Society) we made a plan to survey the fishway on Wolli Ck. The fishway was installed in 2009. Since then, there has been little or no surveys to work out if the fishway was a success. This is a historical barrier that divides fresh from brackish water



Wolli Ck Fishway/Weir

Photo Lachlan Nevinson

I met up with Peter (WCPS), Lyn, David and Gavin and set out to see what we could find above the weir. The first few dip nets came up with *Gambusia* (mosquito fish), we could see schools of mullet just out of reach. We placed a few box traps around and got ready to do some seining. Casting 5 or 6 seins on the top side of the weir, we found a few Dwarf Flathead Gudgeons, Mullet, Stripped Gudgeon, Cox gudgeon and a couple of Empire gudgeons.



Jacksons Perchlet



Dwarf Flathead Gudgeon



We attempted to try the brackish side but it was too deep, so we started to use dip nets and look on the underside of the banks and around the weir wall. A few Dwarf Flathead gudgeons and cox gudgeons were found but on the brackish side we found sea mullet and Jacksons Perchlet. Gavin and David caught a few of those, Lyn had seen some tadpoles so she was off trying to find them and identify what species they were. The water was rising and we were running out of areas to look as all the edges were over grown or too deep.



*Fish way Wolli Ck*



*Mullet on the surface*





Wolli Ck Weir / Fishway





*Little Black Cormorant fishing after we finished, watched him catch a small eel. He wasn't shy at all*



*David Chasing Jacksons Perchlet*

Species	Size Range MM	Maturity	Position Found in Stream
Jacksons Perchlet	10-50mm	Juvenal	Brackish Below Weir Wall
Empire Gudgeon	50-80mm	Juvenal	Undercut Bank
Cox Gudgeon	50-80mm	Juvenal	Undercut Bank
Striped Gudgeon	50-70mm	Juvenal	Undercut Bank
Dwarf Flathead Gudgeon	30-60mm	Juvenal	Undercut Bank
Eel	600mm	Juvenal	Undercut Bank
Sea Mullet	30-40mm	Juvenal	Open Water -Surface
Gambusia	3-12mm	Fry, juvenal, Adult	Shallow Edges and Mid Water

### Parameters Water

PH	Conductivity Us/cm	Water Temp	Air Temp	Flow
6.5	470	23.0	22.0	Medium

I would like to thank all the members that attended. Peter Stevens From (WCPS) for all there help and commitment on the day and leading up to now THANKYOU



