Fig. 1. Locations of experimental rock-ramp fishway sites on two tidal and two inland rivers in New South Wales.

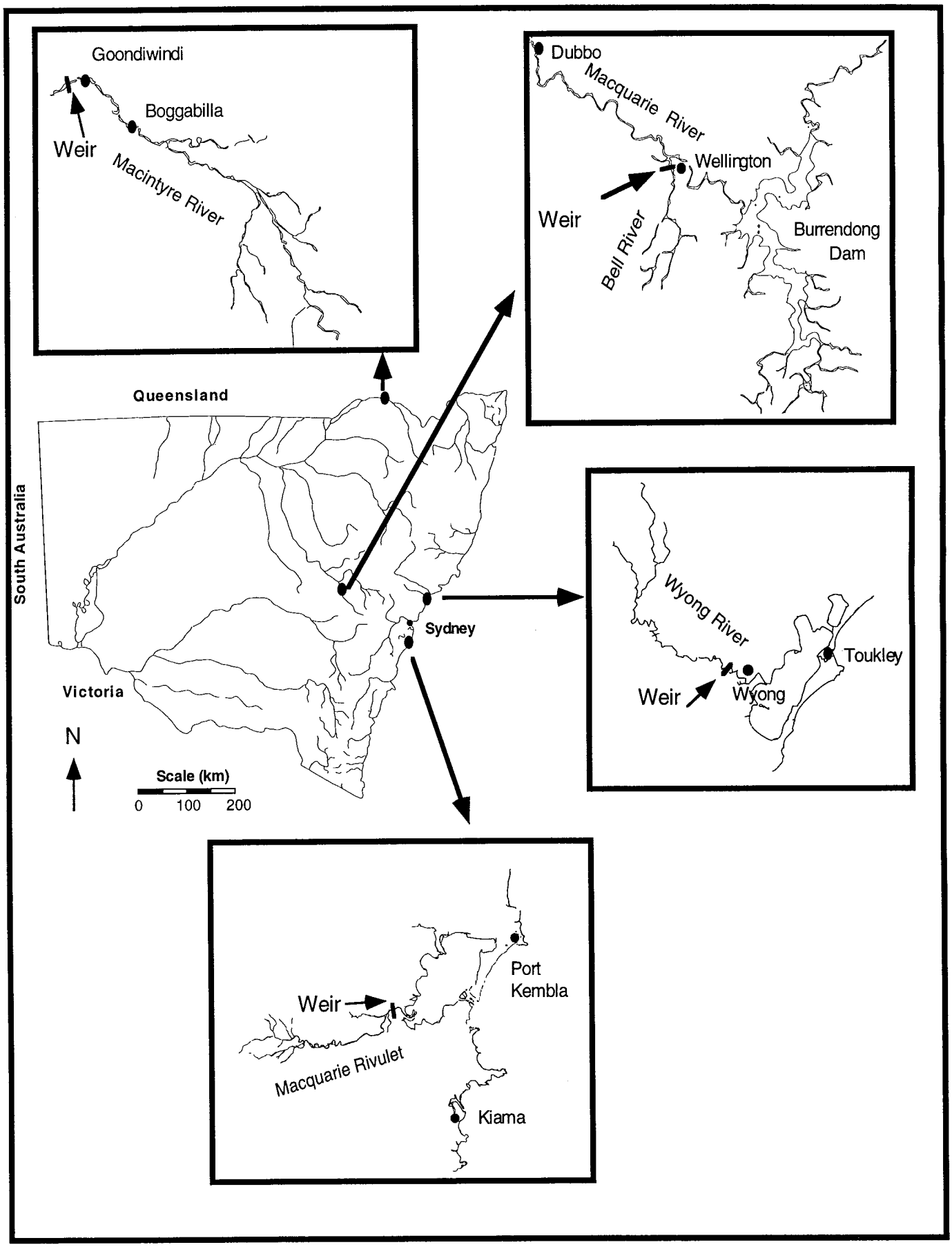


Fig. 2. General layout of a rock-ramp fishway.

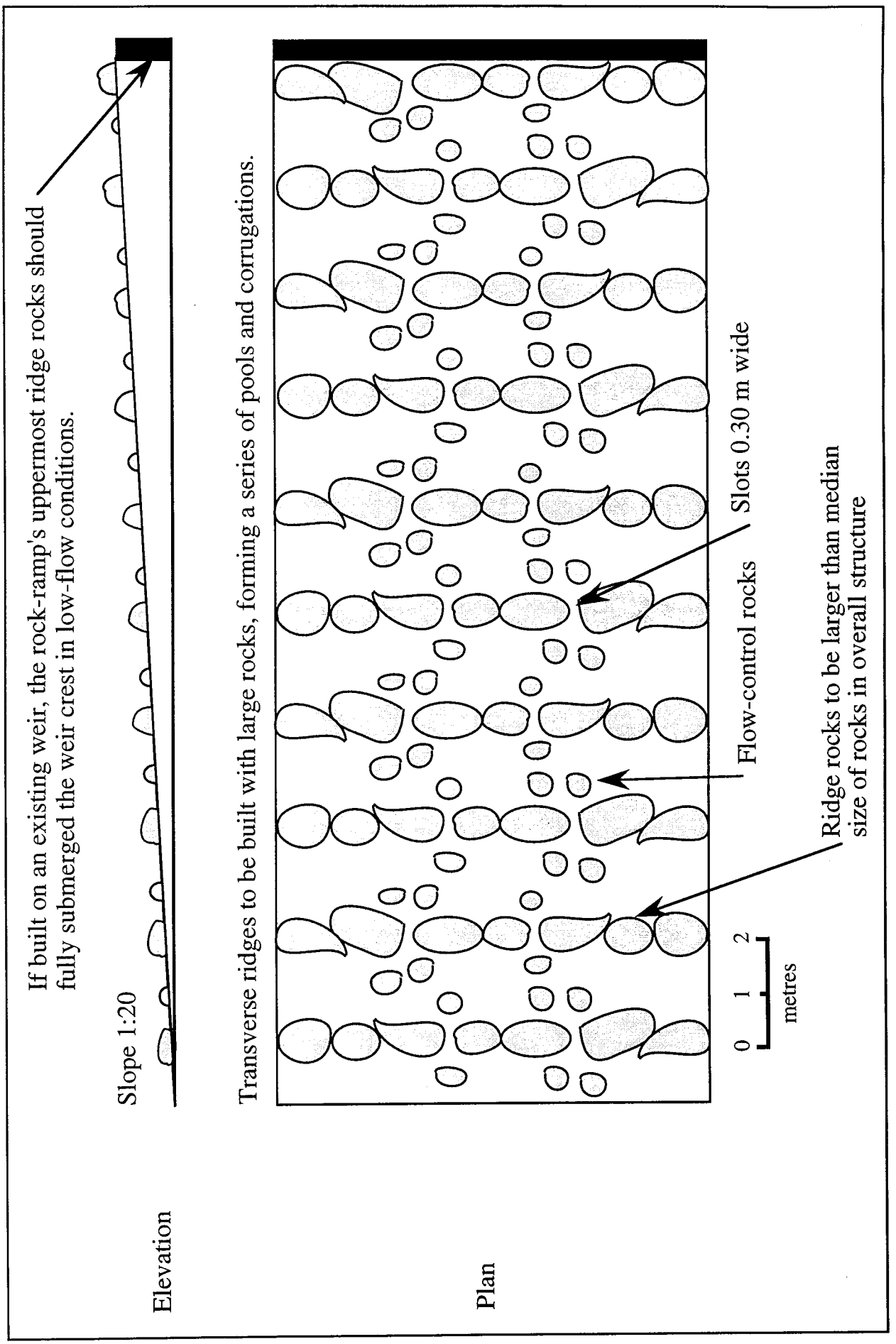
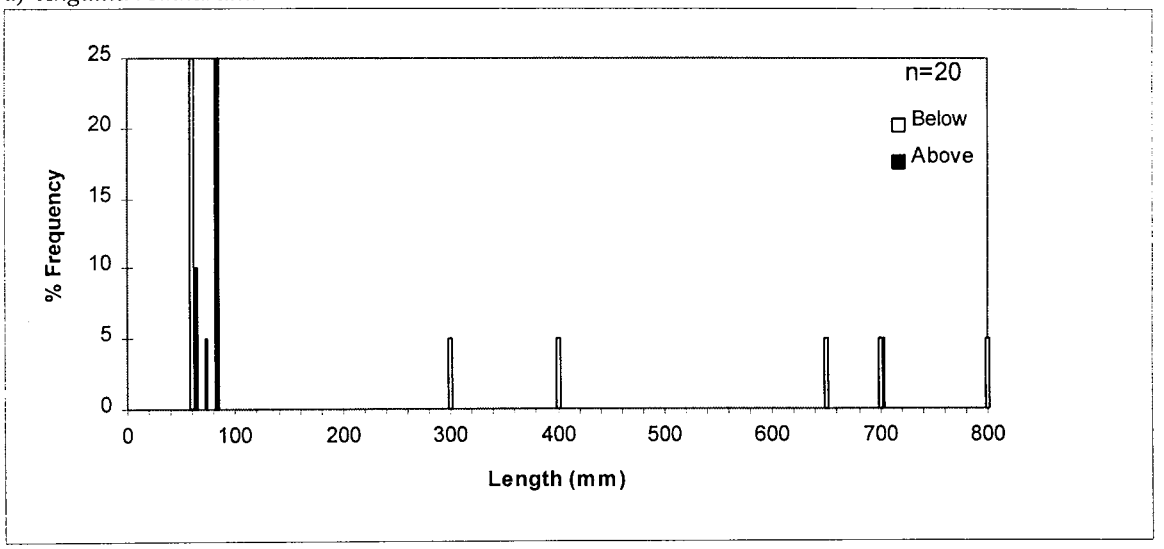


Fig. 3. Size ranges of fish caught potentially migrating below McDonald's Weir Rock-ramp Fishway, Macquarie Rivulet, and the size range of fish caught successfully exiting from above.

a) *Anguilla reinhardtii.*



b) *Galaxias maculatus.*

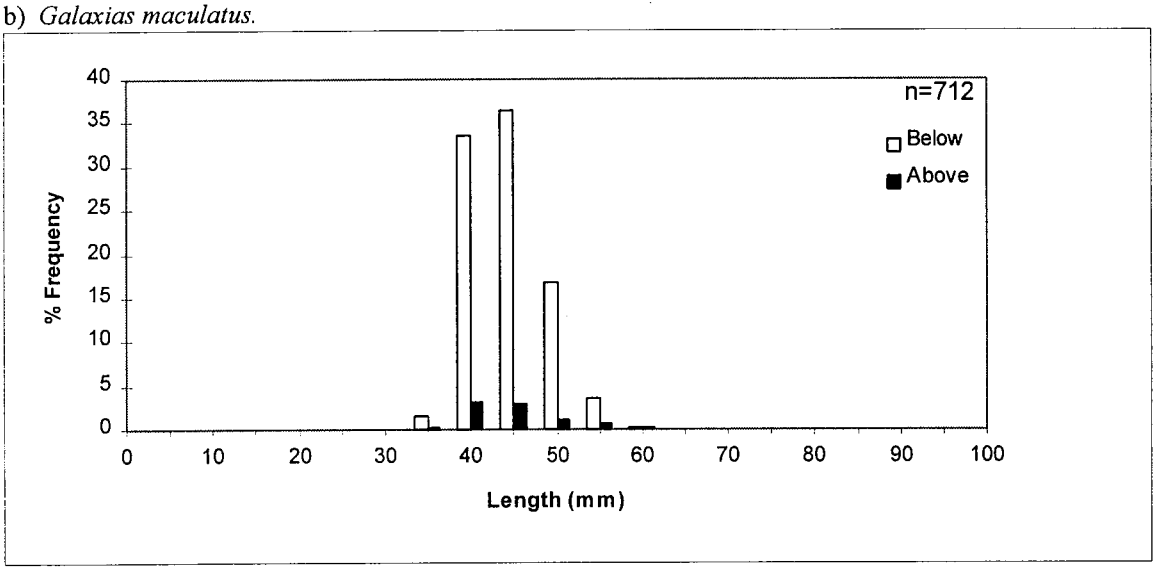
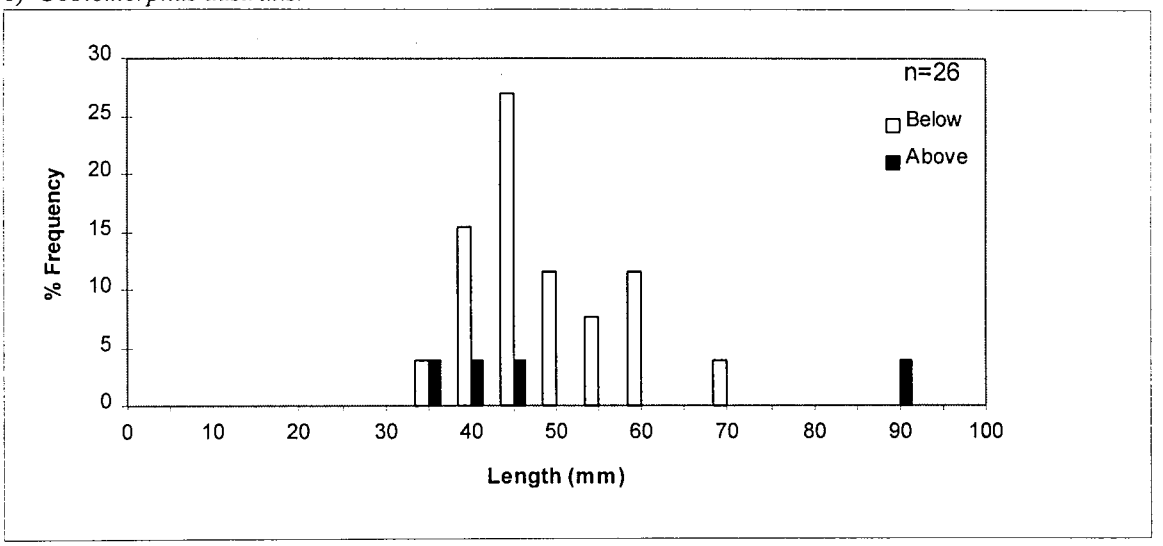


Fig. 3. (cont.) Size ranges of fish caught potentially migrating below McDonald's Weir Rock-ramp Fishway, Macquarie Rivulet, and the size range of fish caught successfully exiting from above.

c) *Gobiomorphus australis.*



d) *Hypseleotris compressa.*

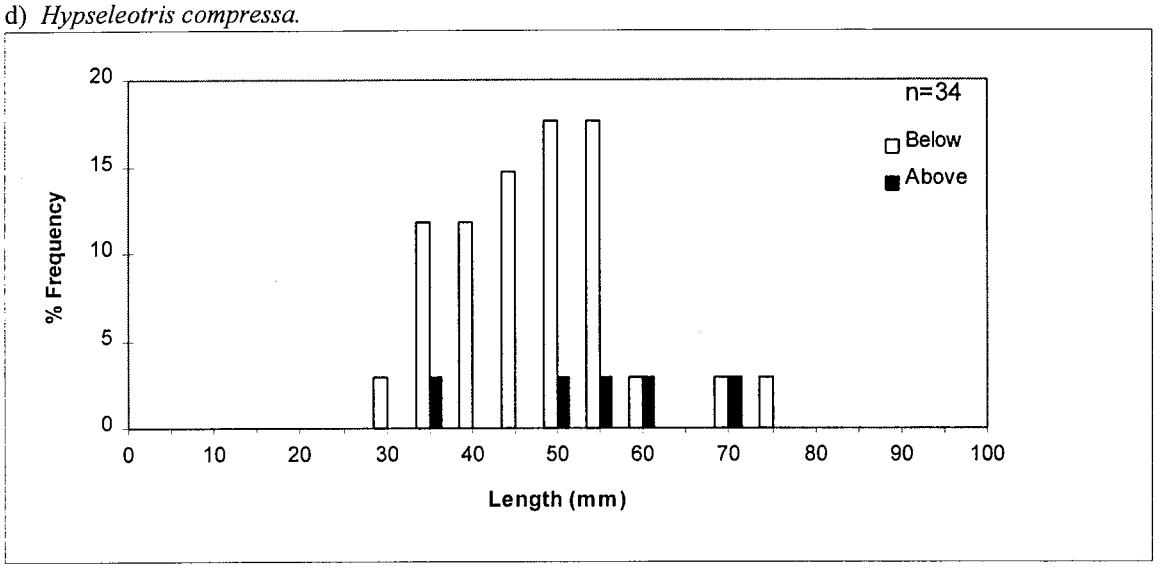
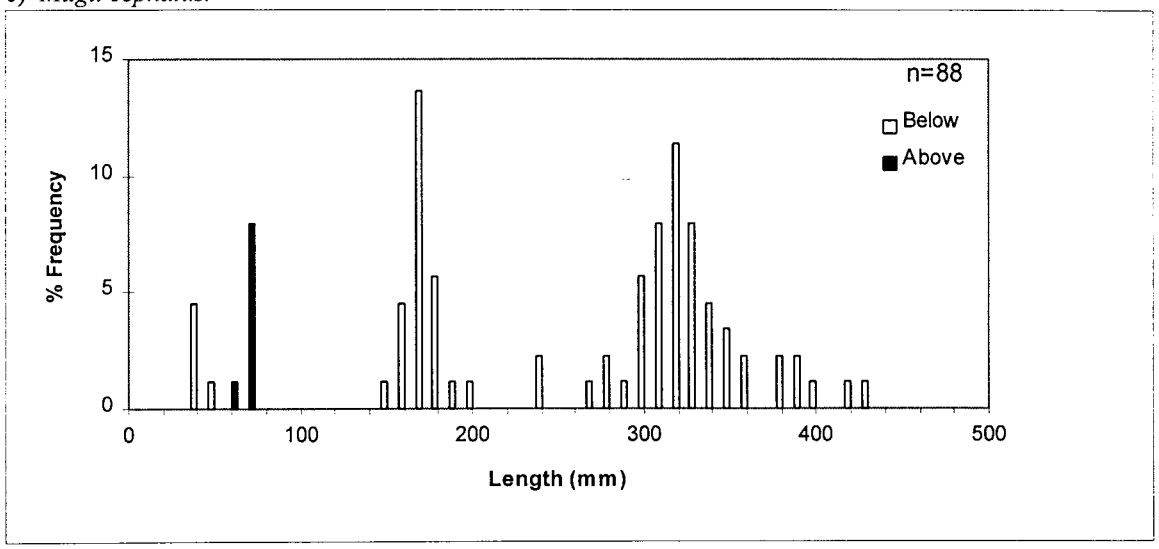


Fig. 3. (cont.) Size ranges of fish caught potentially migrating below McDonald's Weir Rock-ramp Fishway, Macquarie Rivulet, and the size range of fish caught successfully exiting from above.

e) *Mugil cephalus.*



f) *Notesthes robusta.*

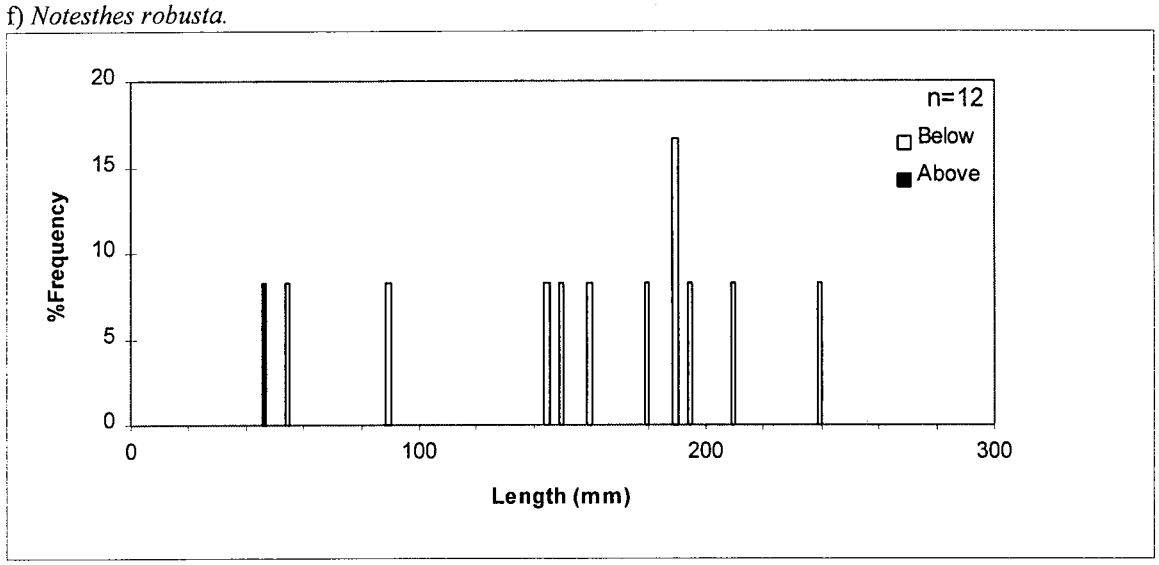
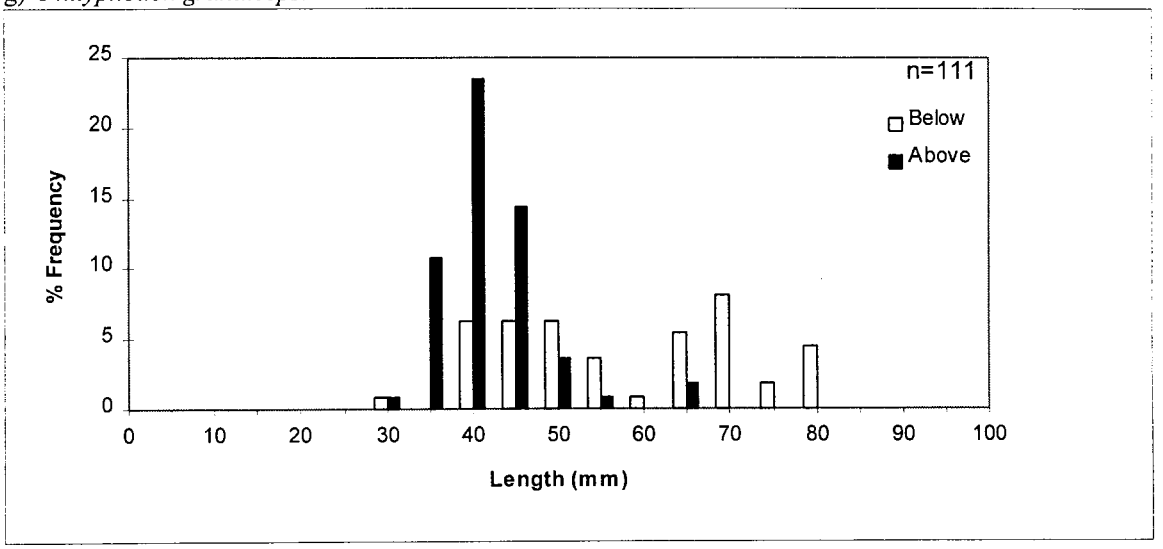


Fig. 3. (cont.) Size ranges of fish caught potentially migrating below McDonald's Weir Rock-ramp Fishway, Macquarie Rivulet, and the size range of fish caught successfully exiting from above.

g) *Philypnodon grandiceps.*



h) *Philypnodon Sp.*

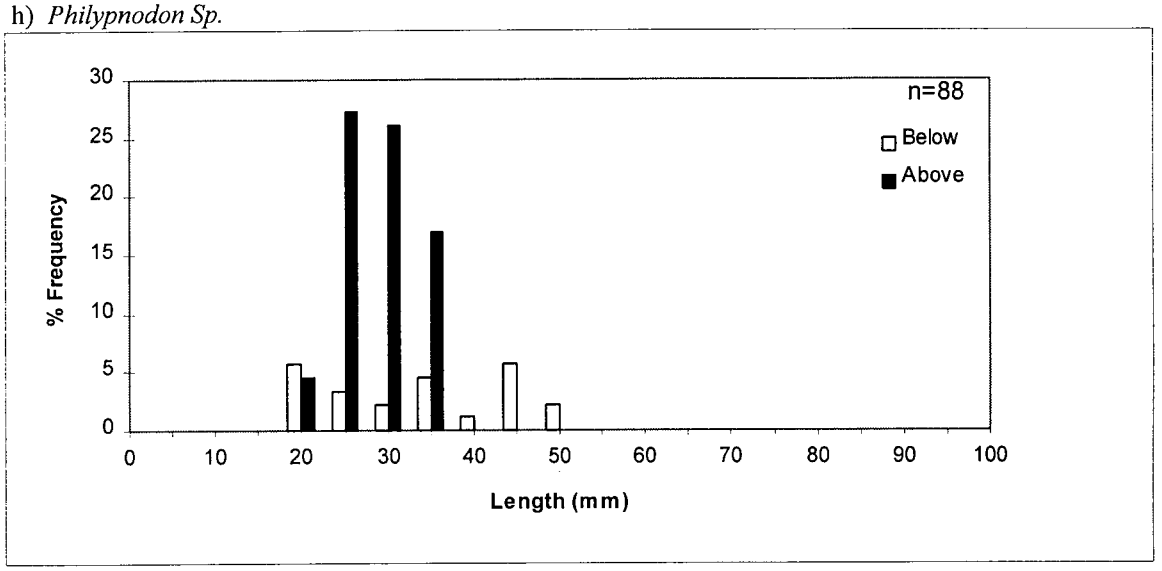
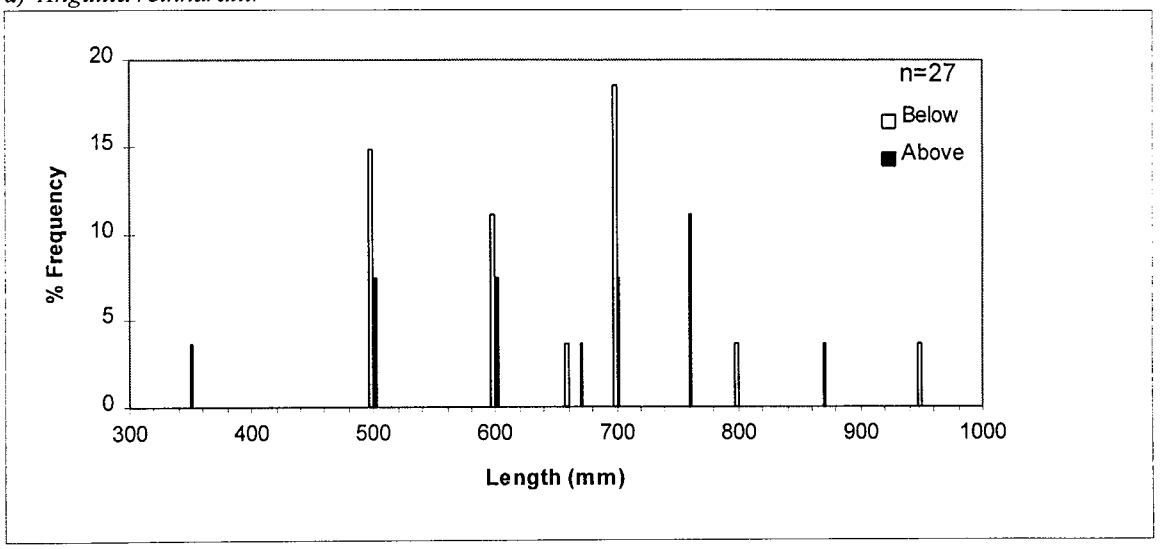


Fig. 4. Size ranges of fish caught potentially migrating below Lower Wyong Weir Rock-ramp Fishway, Wyong River, and the size range of fish caught successfully exiting above.

a) *Anguilla reinhardtii.*



b) *Galaxias maculatus.*

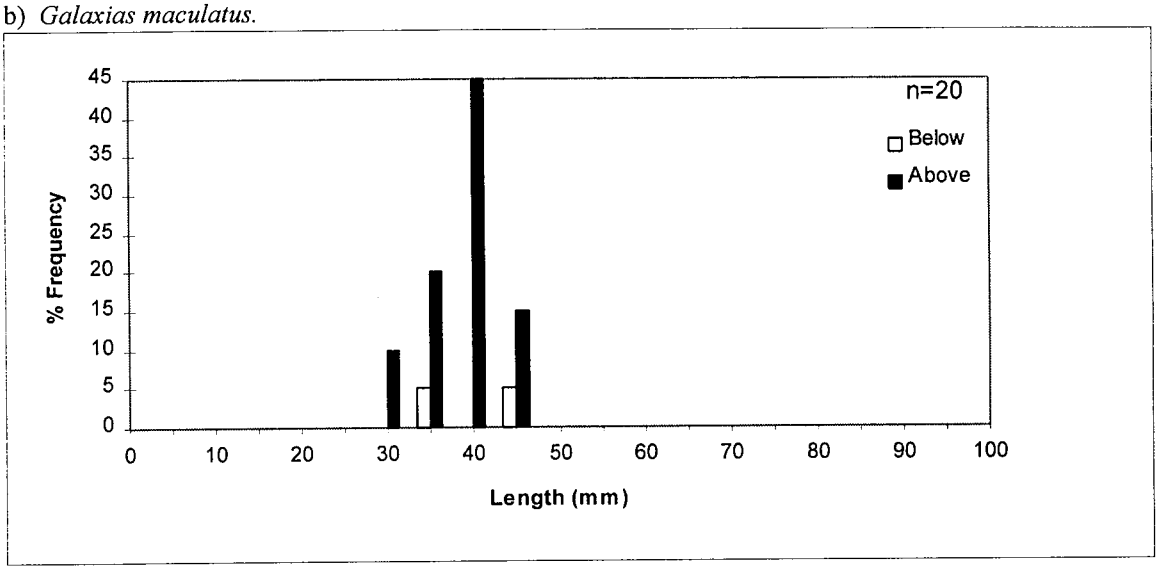
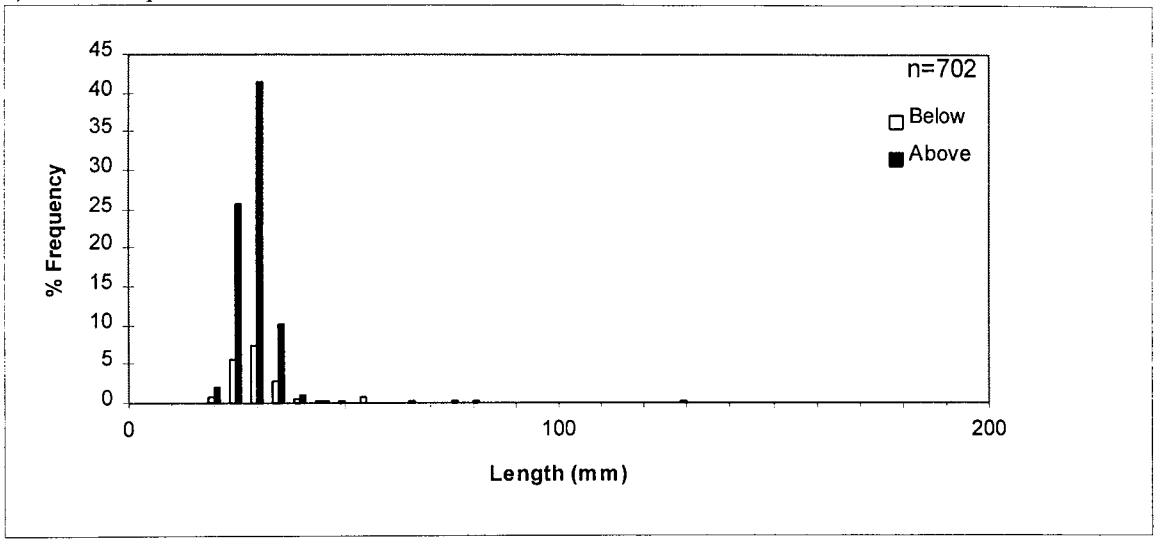


Fig. 4. (cont.) Size ranges of fish caught potentially migrating below Lower Wyong Weir Rock-ramp Fishway, Wyong River, and the size range of fish caught successfully exiting above.

c) *Gobiomorphus australis.*



d) *Hypseleotris compressa.*

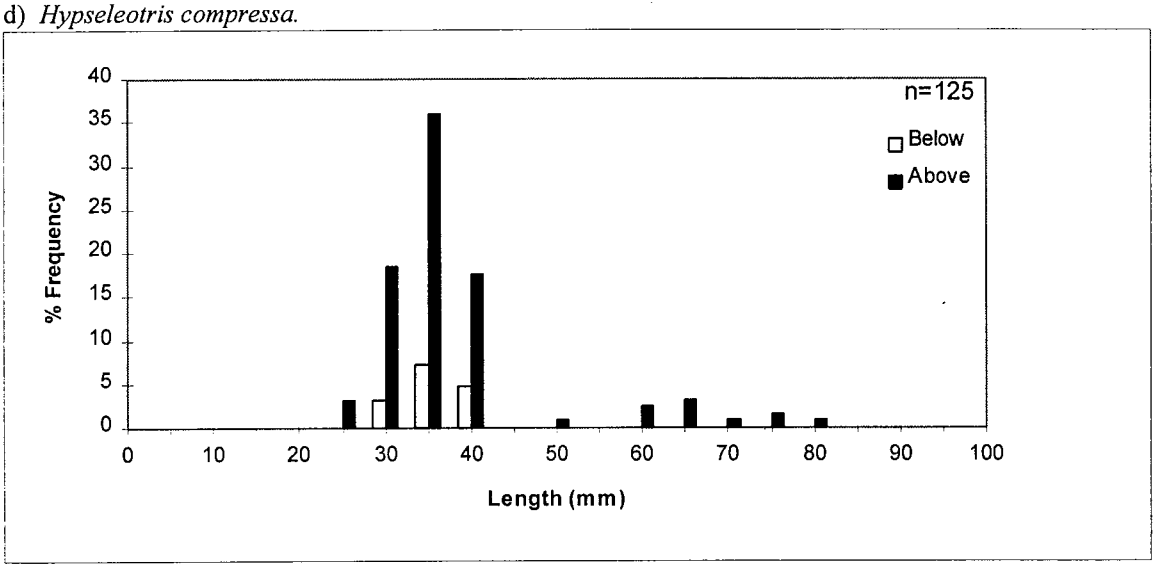
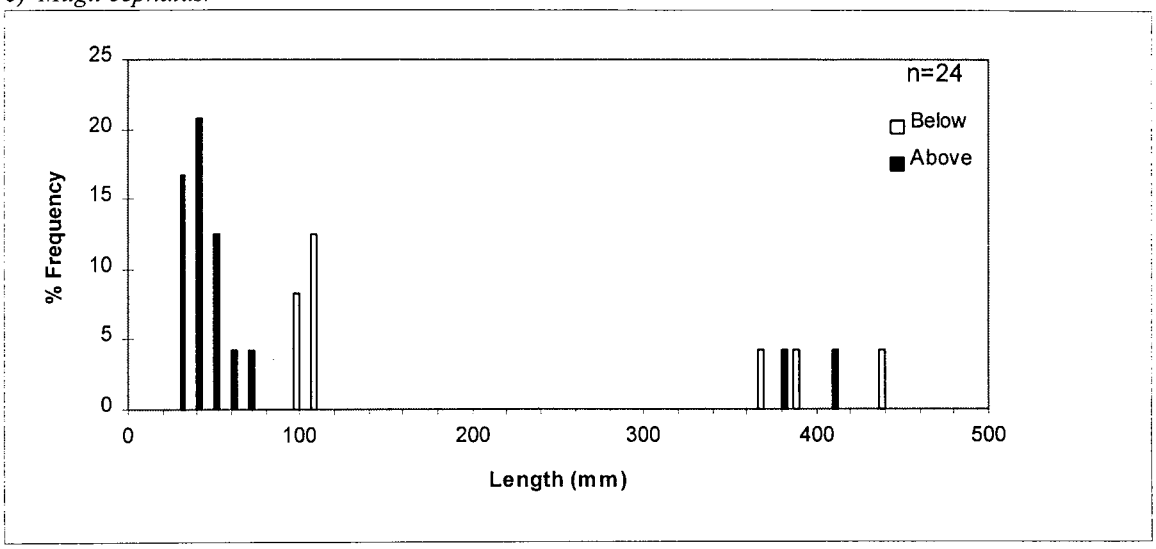


Fig. 4. (cont.) Size ranges of fish caught potentially migrating below Lower Wyong Weir Rock-ramp Fishway, Wyong River, and the size range of fish caught successfully exiting above.

e) *Mugil cephalus.*



f) *Philypnodon grandiceps.*

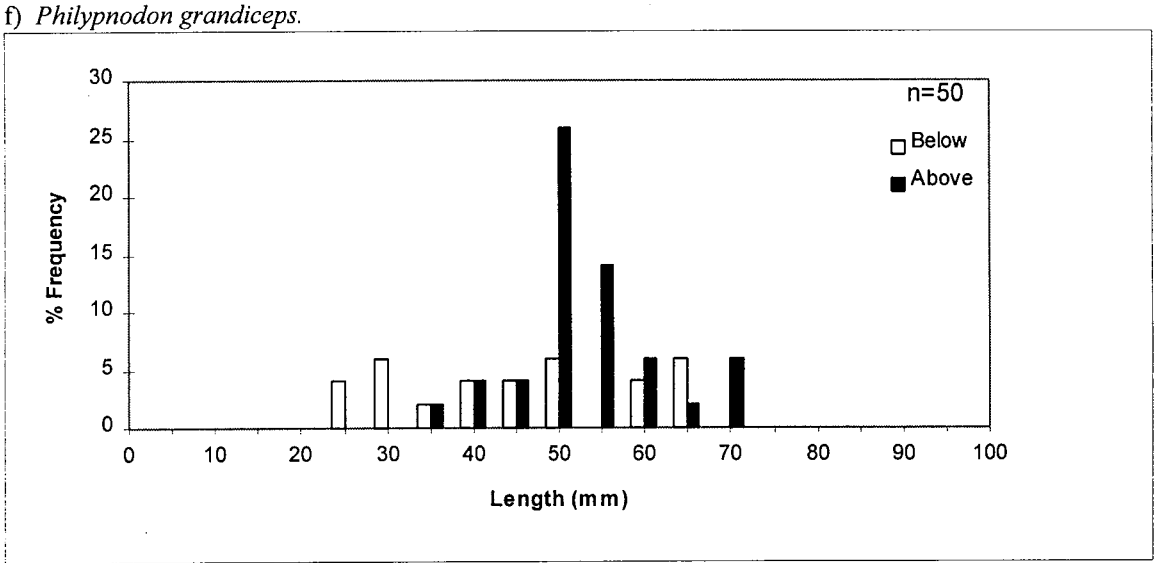
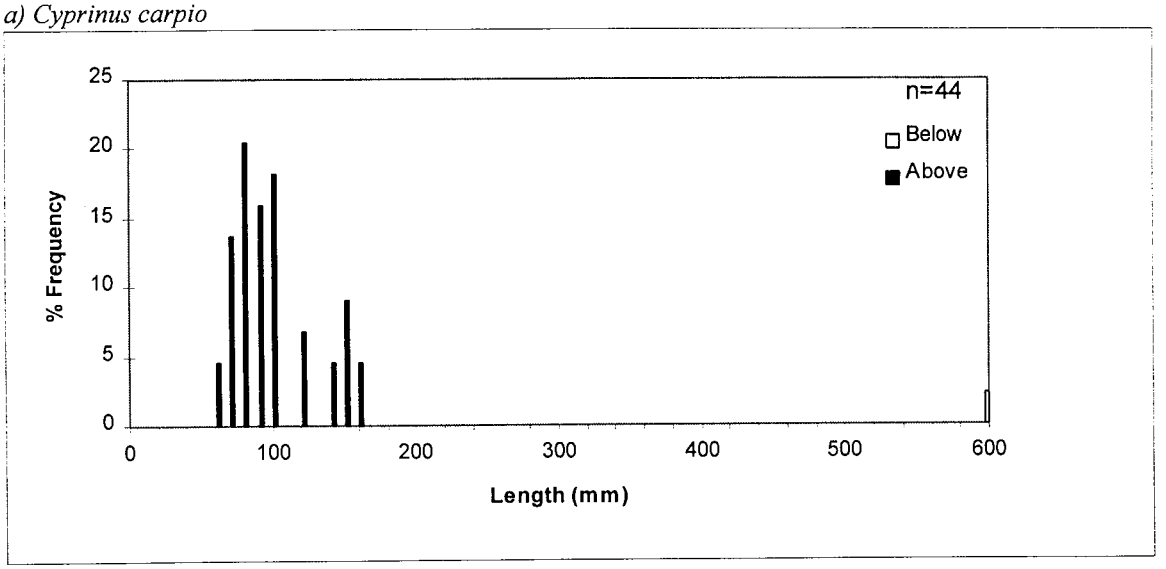


Fig. 5. Size ranges of fish caught potentially migrating below Bell River Rock-ramp Fishway and the size range of fish caught successfully exiting from above.

a) Cyprinus carpio



b) *Perca fluviatilis.*

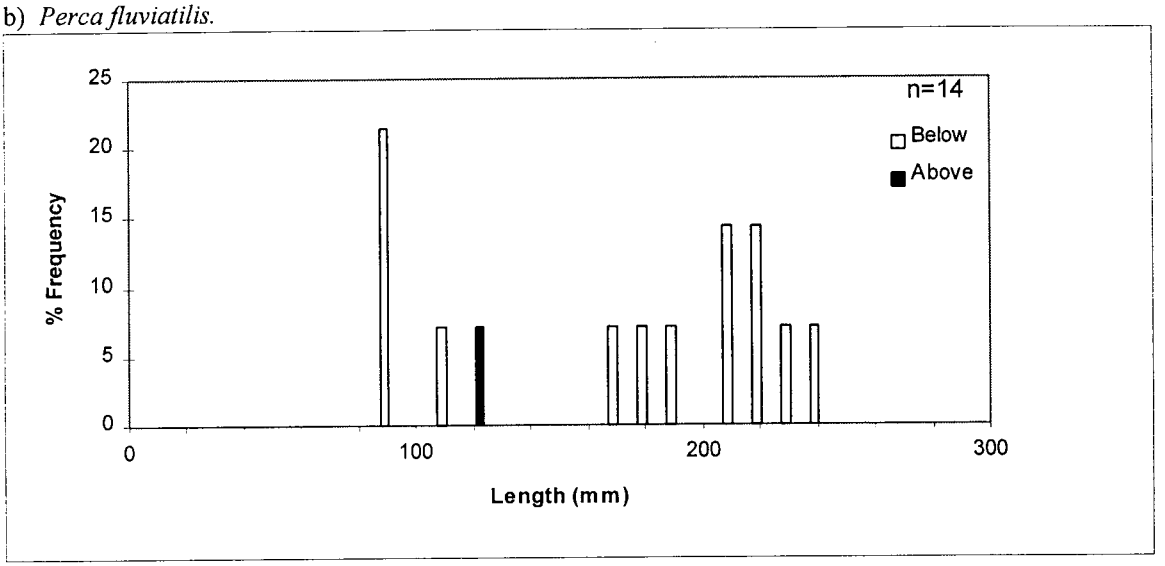
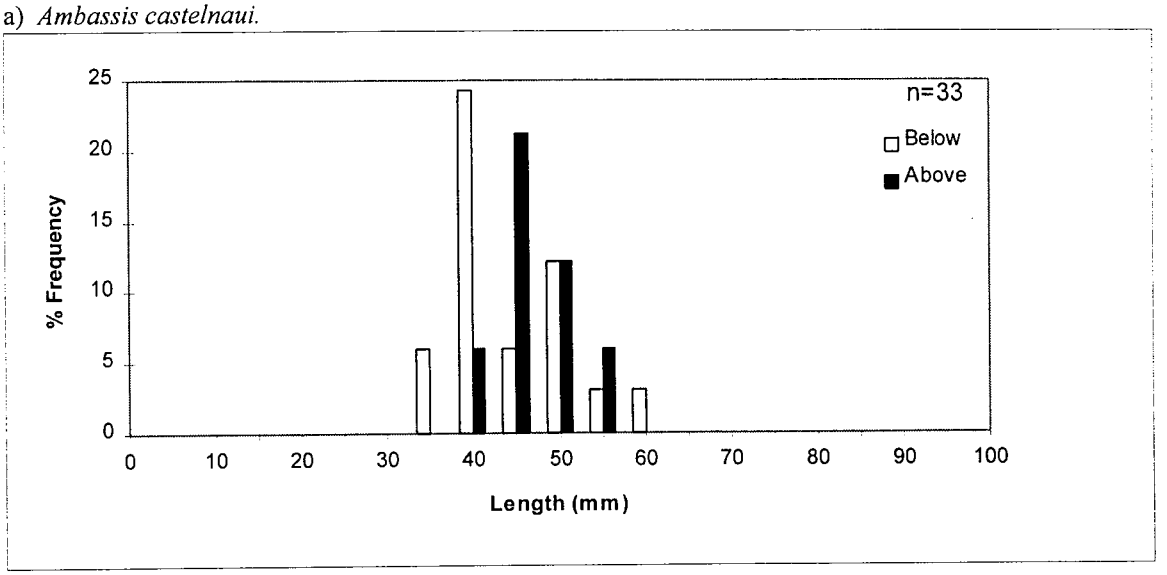


Fig. 6. Size ranges of fish caught potentially migrating below Goondiwindi Weir Rock-ramp Fishway, Macintyre River, and the size range of fish caught successfully exiting from above.

a) *Ambassis castelnaui.*



b) *Craterocephalus stercusmuscarum.*

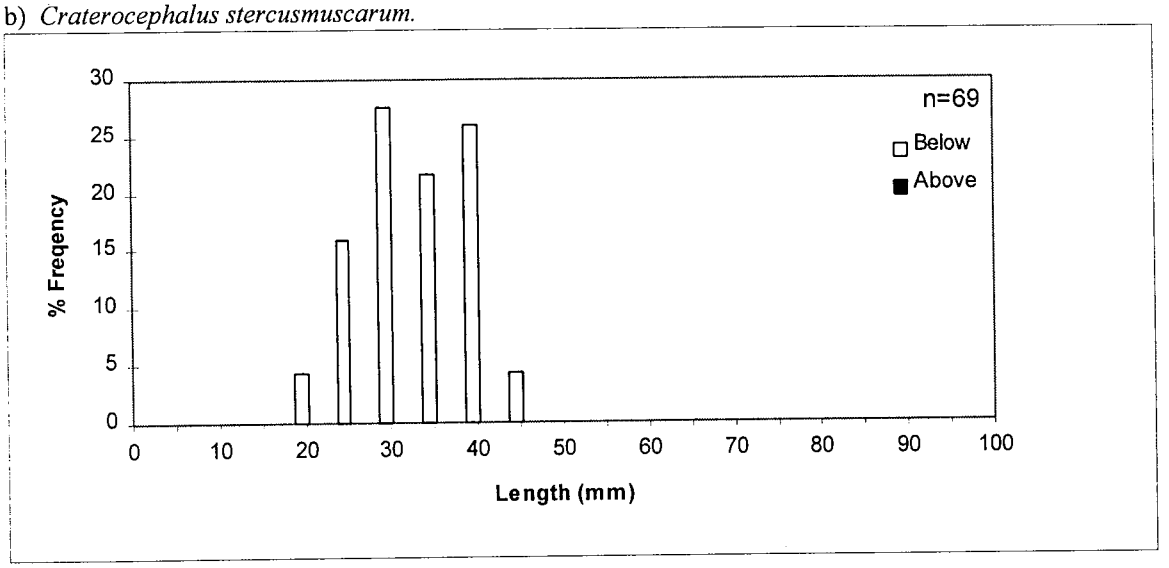
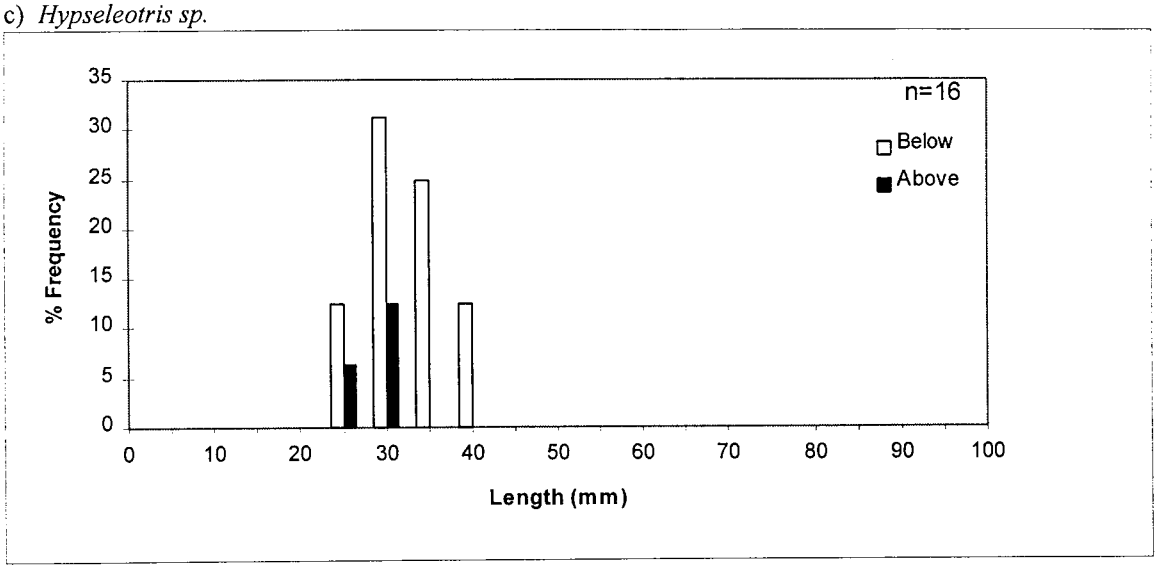


Fig. 6. (cont.) Size ranges of fish caught potentially migrating below Goondiwindi Weir Rock-ramp Fishway, Macintyre River, and the size range of fish caught successfully exiting from above.

c) *Hypseleotris sp.*



d) *Leiopotherapon unicolor.*

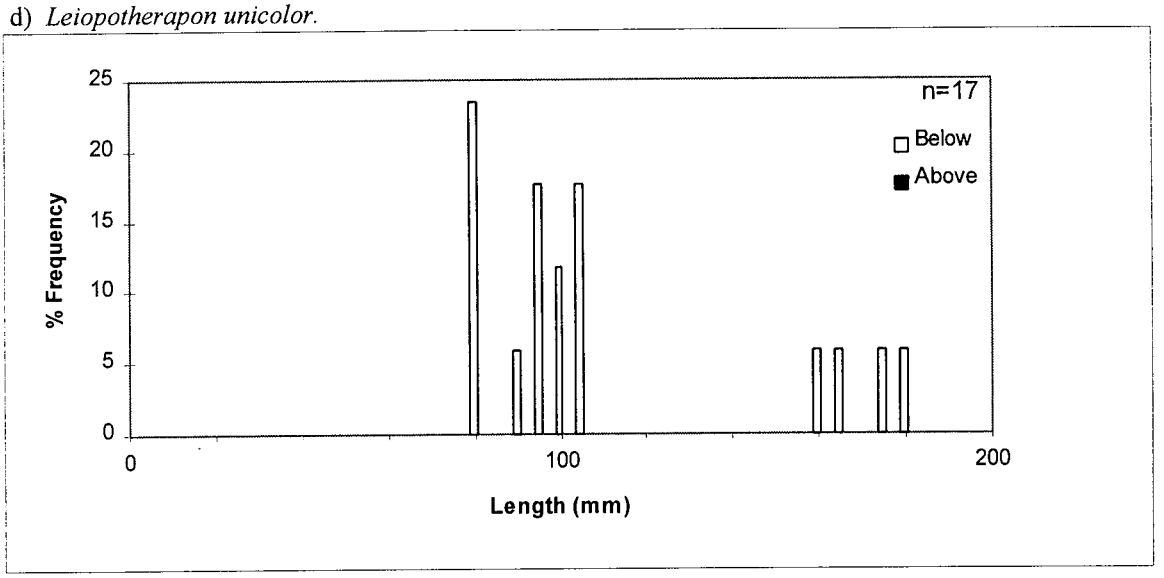


Fig. 6. (cont.) Size ranges of fish caught potentially migrating below Goondiwindi Weir Rock-ramp Fishway, Macintyre River, and the size range of fish caught successfully exiting from above.

e) *Macquaria ambigua.*

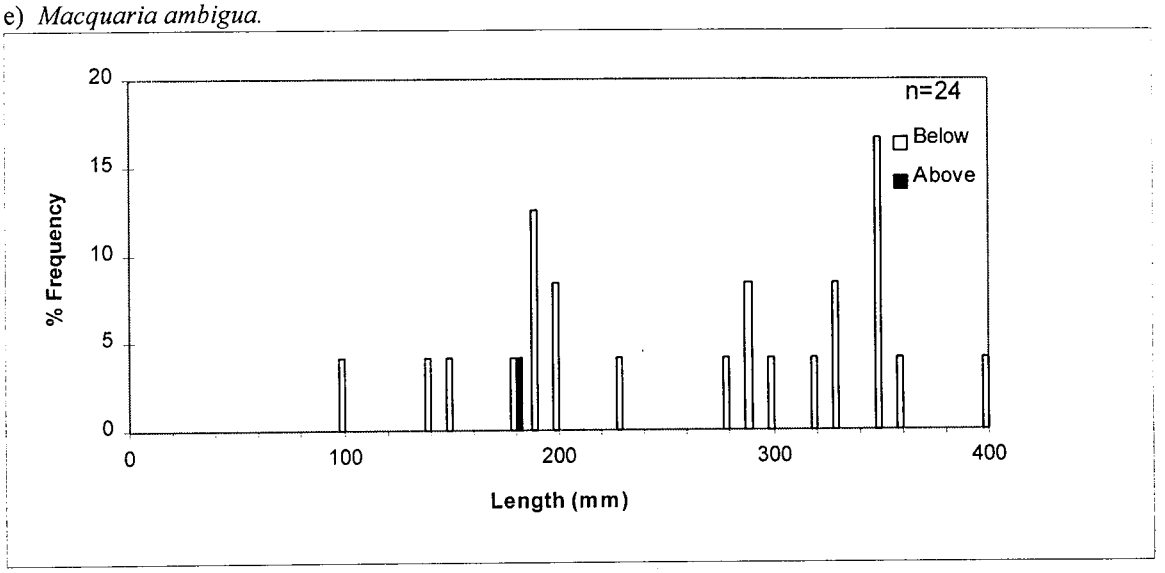


Fig. 6. (cont.) Size ranges of fish caught potentially migrating below Goondiwindi Weir Rock-ramp Fishway, Macintyre River, and the size range of fish caught successfully exiting from above.

f) *Nematalosa erebi.*

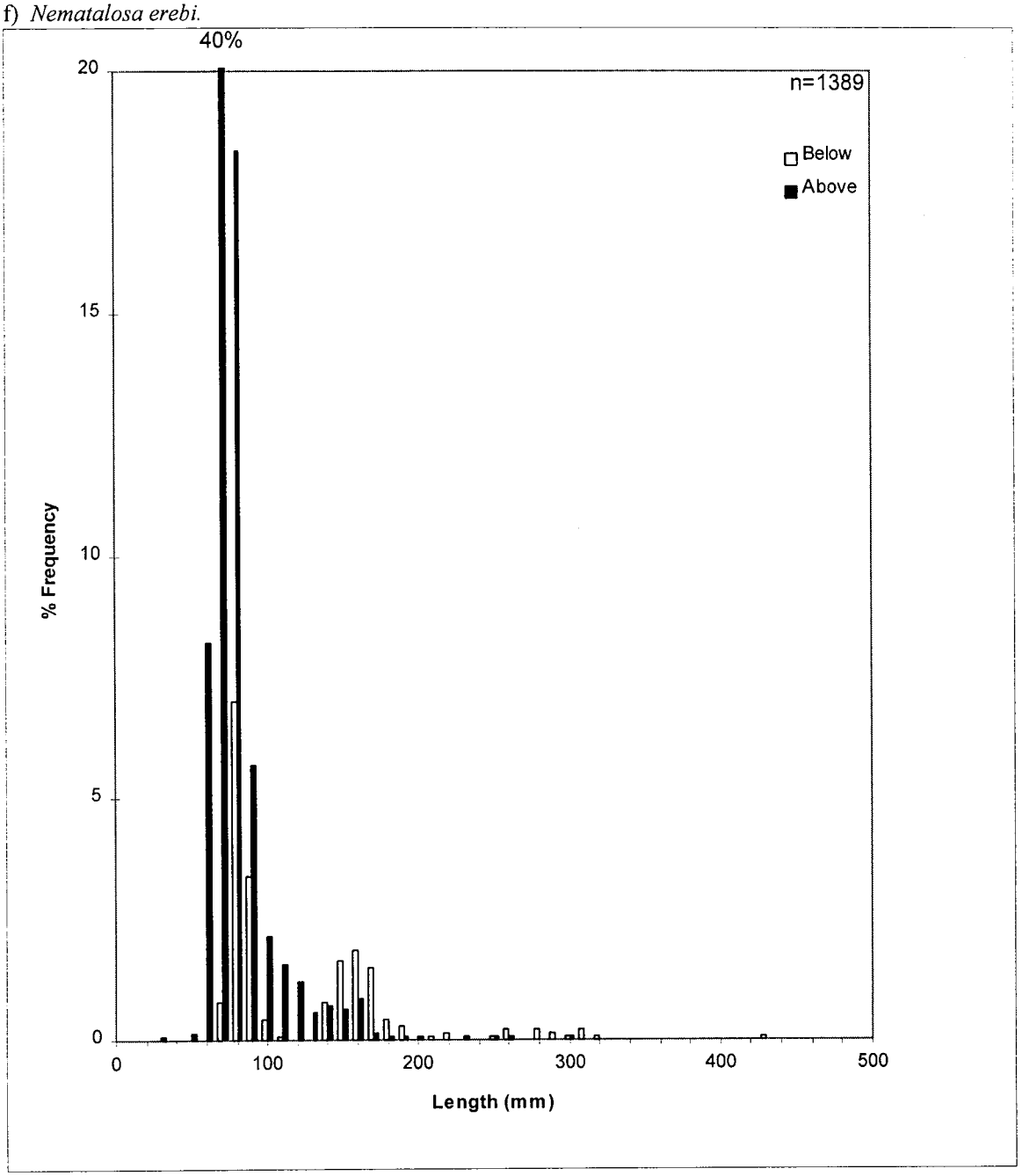


Fig. 7. The total catch rates for bony herring (*Nematalosa erebi*) above Goondiwindi Weir Fishway with and without a fence to guide fish to the entrance in high (4 November 1995, 600 ML/day) and low (7 November 1995, 300 ML/day) streamflow conditions.