

LIST OF FIGURES

	Page No.
Fig 1: Habitat preparation for captive maturation of <i>Badis badis</i> under semi-natural condition	32
Fig 2: Rearing of <i>Badis badis</i> in RAS (Flow through system)	33
Fig 3: Rearing of <i>Badis badis</i> in cement tank	33
Fig 4: Tubifex worm culture system	37
Fig 5: Mixed zooplankton culture unit	37
Fig 6: Different morphometric measurements of <i>Badis badis</i>	41
Fig 7: Intestine of <i>Badis badis</i>	44
Fig 8: Fresh specimen of dwarf chameleon fish, <i>Badis badis</i>	48
Fig 9: Length-weight relationship of combined fish of <i>B. badis</i>	51
Fig 10a Length-weight relationship of <i>Badis badis</i> for the size group of 16-22.50 mm	52
Fig 10b Length-weight relationship of <i>Badis badis</i> for the size group of 23-26.50 mm	52
Fig 10c Length-weight relationship of <i>Badis badis</i> for the size group of 27-29.50 mm	53
Fig 10d Length-weight relationship of <i>B. badis</i> for the size group of 30-59.50 mm	53
Fig 11 Live fish feed	54
Fig 12 Percentage composition of gut content	56
Fig 13 Percentage composition of phytoplankton in the gut of <i>Badis badis</i>	57
Fig 14 Percentage composition of zooplankton in gut of <i>B. badis</i>	57
Fig 15 Adult <i>Badis badis</i> (a) Male; (b) Female	59
Fig 16 Matured gonad	60