

LIST OF FIGURES

<u>Figures</u>	<u>Page No</u>
1. Line diagram of <i>Danio dangila</i>	18
2. Line diagram of <i>Puntius chola</i>	25
3. Feeding trend in fishes.....	31
4. Schematic diagram on feeding behaviour in <i>D. dangila</i>	33
5. Schematic diagram on procreatic demeanor in <i>D. dangila</i>	34
6. Schematic diagram on feeding behaviour in <i>P. chola</i>	36
7. Schematic diagram on procreatic demeanor in <i>P. chola</i>	38
8. Pie chart of victual spectra in <i>D. dangila</i>	43
9. Schematic diagram showing gill rakers configuration in <i>D. dangila</i>	45
10. Pie chart of victual spectra in <i>P. chola</i>	47
11. Schematic diagram showing gill rakers configuration in <i>P.chola</i>	52
12. Gonado-somatic index in <i>D. dangila</i>	63
13. Gonado-somatic index in <i>P. chola</i>	70
14. Schematic diagram showing embryonic development in <i>D. dangila</i>	78
15. Schematic diagram showing larval development in <i>D. dangila</i>	82
16. Schematic diagram showing embryonic development in <i>P. chola</i>	85
17. Schematic diagram showing larval development in <i>P. chola</i>	88

LIST OF PLATES

1. Coloured photograph of *Danio dangila*
2. Coloured photograph of *Puntius chola*
3. Habitat of *D. dangila*
4. Habitat of *P. chola*
5. Micrographs of gill rakers configuration in *D. dangil* and *P. chola*
6. Sexual dimorphism in *D. dangila*
7. Sexual dimorphism in *P. chola*
8. Hormone administration and breeding set up of *D. dangila* and *P. chola*
9. Micrographs showing embryonic developmental stages in *D. dangila*
10. Micrographs showing larval developmental stages in *D. dangila*
11. Micrographs showing embryonic developmental stages in *P. chola*
12. Micrographs showing larval developmental stages in *P. chola*