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Heat shock
Assessment of ploidy

RESULTS
Triploidization
Erythrocyte measurement
Survival rate
Growth rate
Gonadal development

DISCUSSION

Chapter 3

PERFORMANCE OF GYNOGENETIC DIPLOID

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Diploidization
Growth
Sex ratio
Gonadal development
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Haploid gynogenesis
Diploid gynogenesis
Rearing of diploid gynogenetic fry

RESULTS
UV irradiation and haploid gynogenesis
Diploid gynogenesis
Deformities
Survival rate
Occurrence of albinos
Growth
Sex ratio
Gonadal development

DISCUSSION

Chapter 4

INDUCTION OF TETRAPLOIDY IN *Heteropneustes fossilis*

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INDUCTION OF DIPLOID ANDROGENESIS IN

Heteropneustes fossilis

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Diploidization and survival
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