

CHAPTER 1	9
1.1. Introduction	11
1.2. Evolution of sturgeon genome	14
1.3. Karyology and ploidy levels of Acipenseriformes	15
1.4. Interspecific hybridization of Acipenseriformes	19
1.5. Aims of the thesis	22
References	23
CHAPTER 2	31
Extensive genome duplication in sturgeons: new evidence from microsatellite data	
CHAPTER 3	39
First evidence of autotriploidization in sterlet (<i>Acipenser ruthenus</i>)	
CHAPTER 4	49
Fertility of a spontaneous triploid male Siberian sturgeon (<i>Acipenser baerii</i>)	
CHAPTER 5	71
Investigation of the segregation pattern of microsatellite alleles during experimental hybridization of polyploid sturgeon species	
CHAPTER 6	81
General Discussion	83
English Summary	92
Czech Summary	94
Acknowledgements	96
List of Publications	97
Training and Supervision Plan during Study	99
<i>Curriculum Vitae</i>	101