Order: CYPRINIFORMES

Family: CATOSTOMIDAE

*Catostomus commersoni* (Lacépède)  
(White sucker)  
$2n = 100$
Order: CYPRINIFORMES  
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*Catostomus commersoni* (Lacépède) (White sucker)

2n = 100

**TYPES:** Metacentrics, submetacentrics, acrocentrics, subtelocentrics

Of the total karyotype of 100 chromosomes, about 24 are metacentrics and submetacentrics, while the remainder are acrocentrics and subtelocentrics. In view of the likelihood that this species is tetraploid, it should be possible to arrange these chromosomes in groupings of four. An examination of the karyotype indicates that this might be possible but, unfortunately, the homologues are not sufficiently different from each other to be sure of such grouping. There is no evidence of chromosomal sexual dimorphism, and in fact such would not be expected in view of the probable tetraploid origin.

The upper karyotype is from a primary cell culture of testicular tissue and heart tissue from a male, while the lower is from a primary culture of ovarian tissue. The specimens were collected at South Branch Lake, Penobscot County, Maine.

**REFERENCES:**