**BP-36** 

## Spermatogenesis of *Coreoperca herzi* (Perciformes; Percichthyidae)

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In an effort to uncover the reproduction of Korean brook perch *Coreoperca herzi* testis anatomy and sperm morphology were studied. Fish samples were collected in the Sooyp river from May to October 2001. Testes showed white color and wedge-shaped external morphology, and developed symmetrically in the dorsal cavity of the trunk. Isogenetic germ cells developed in the cyst located in seminiferous lobule. Each lobule showed significant asynchrony in the spermatogenic stage of the cyst. Sperm length was 43 um. Round head was 2.2 um long. Middle piece was developed beneath the head and 0.5 um long. Tail was 40 um in length. Coomassie brilliant blue (CBB) staining of the spermatozoa gave rise the intense staining in the apex of sperm head and middle piece, suggesting the development of acrosome.

Key words: testis, spermatozoa, Coreoperca herzi