

COMPARATIVE ANALYSIS OF PADDLEFISH AND CARP MEAT

BIOCHEMICAL COMPOSITION.

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Carp, paddlefish, muscular tissue, biochemical composition, amino acids, fatty acids.

Data of the biochemical composition of carp and puddlefish in the age of 18 and 24 months accordingly muscular tissue, which was grown together in the closed loop water systems with their feed by a garden snail, prepared on the base of ichthyological laboratory at the department of applied biology, aquatic life and hunting of professor A. S. Tertyshny have been analyzed in this work.

The aim of research – to examine the rates of biochemical composition of meat and paddlefish carp for their welfare in polyculture in CCS and feeding experimental food from a garden snail, made on the basis of ichthyological laboratory of applied biology, aquatic biological resources and hunting by the name of O. S. Tertyshna and compare these figures with each other and with the available literature data.

Material and methods. The research was conducted at the Institute of Animal testing center NAAS Ukraine. Biochemical parameters were determined by standard methods in the literature.

Results. The indicators of paddlefish and carp muscle were determined in calculating the absolute moisture and the absolute dry weight.

