

## CONTENT

### BIOLOGICAL RESOURCES

*Kurbanov Yu.K., Terentyev D.A.*

Current condition of the demersal fish community  
of the Karaginsky and Olyutorsky bays ..... 4

*Tkach V.N., Nikiforov S.Yu.*

Fishing catadromous and river fishes, the composition of catch species  
in the Southern region of the Volga-Caspian fishing basin  
in retrospective and in the modern period ..... 16

*Zamyatina E.A.*

On the find of *Phallocryptus spinosa* (Branchiopoda, Crustacea)  
in the hypersaline lake Yarylgach, Republic of Crimea ..... 27

### ECOLOGY

*Chavychalova N.I., Vasilchenko O.M., Lardygina E.R.*

Consequences of the negative impact of changes in the hydrological conditions  
in the Volga River and on the spawning sites in the period of spring floods  
on the natural reproduction of the catadromous and river fish ..... 40

*Rybina G.E., Mikhailova L.V., Tomilina I.I.*

Evaluation of toxicity of the bottom sediments, soils and drilled cuttings  
with *Hyaella azteca* Saussure amphipod ..... 48

### FISHERIES AND AQUACULTURE

*Krokhalevsky V.R., Petrachuk E.S.*

The main research results of the institute over 55 years (1963–2018). Presentation 3,  
Gosrybcenter (2002–2018) ..... 64

Rules for authors of Bulletin of Fisheries Science ..... 89