



Marine Biodiversity
Conservation Center
AQUARIUM BOKA

AdriBioPro2019 | 7-10 April
International Conference: | Kotor
Adriatic Biodiversity Protection | Montenegro

Book of Abstracts



INSTITUT ZA
BIOLOGIJU
MORA



UCG

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Adriatic Biodiversity Protection
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Institute of Marine Biology,
University of Montenegro

Kotor, Montenegro
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THE CONFERENCE

The 2019 International Conference: Adriatic Biodiversity Protection – AdriBioPro2019 provided updated scientific, decision-making and policy-relevant information across a broad array of different Adriatic issues, marine biology and related scientific disciplines. Emphasis will be on how state-of-the-art research on Adriatic biodiversity protection, conservation of coastal and marine areas and sustainable use of marine resources can contribute to policy- and decision-making. Particular focus was put on the development opportunities which marine biotechnology can offer in the Adriatic. Organized to include plenary and breakout sessions covering both disciplinary and interdisciplinary perspectives, Conference results will be used in shaping future marine science priorities and policy in Montenegro and other Adriatic countries.

Background

The Institute of Marine Biology of the University of Montenegro is granted by the Norwegian Ministry of Foreign Affairs to implement a project “Marine Biodiversity Conservation Center “Boka Aquarium” (MonteAqua)” in cooperation with the Center for Fisheries and Biodiversity Conservation of Inland Waters, Institute of Biology and Ecology, Faculty of Science, University of Kragujevac. The International conference “Adriatic Biodiversity Protection” is final project event, dedicated to gather all relevant national and regional stakeholders and to secure closer regional cooperation in the Adriatic Sea region.

According to the UNEP, the Mediterranean Sea is subject to tremendous pressure from multiple human uses and climate change. Recent research results indicate the cumulative impacts of human activities in the Mediterranean, ranking it as a hotspot of marine biodiversity, and one of the most heavily impacted marine regions worldwide. One of the most intensely used and severely degraded regions of the Mediterranean is the Adriatic Sea. It implies a necessity of developing appropriate and effective policy-responses including adaptation actions, enhancement of resilience and implementation of mitigation activities. The Conference will address alterations of Mediterranean ecosystems, with particular focus on the Adriatic Sea and its biodiversity and analyse widespread conflict among marine users. By presenting the latest science, the Conference will facilitate, synthesize and summarize the science-policy dialogue.

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The study, protection and possible breeding of pen
shell (*Pinna nobilis*) in the Boka Kotorska Bay.



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Presentation title

Length-Weight Relationship And Condition Factor Of The Cactus Roach (*Rutilus Virgo*) In The Perućac Reservoir (Serbia)

Abstract

The length-weight relationship and condition of 35 individuals of the cactus roach, caught in June 2017 in the Perućac reservoir, were analysed. The average length (\pm SD) of the sampled individuals was 29.8 ± 6.1 cm and the average weight (\pm SD) was 334 ± 215 g. Age ranged from 2+ to 5+ years, and almost half of individuals were aged 2+. The regression coefficient of the length-weight relationship was $b > 3$, which indicates a positive allometric growth. The Fulton's condition factor ranged from 0.94 to 1.27, with the mean value (\pm SD) of 1.09 ± 0.09 . Allometric condition factor ranged from 0.49 to 0.62, with the mean value (\pm SD) of 0.56 ± 0.04 .