

First record of *Dosinia prostrata* (Linnaeus, 1758) (Bivalvia: Veneridae) from the Iraqi coast

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Abstract

The objective of this study is to collect novel data on the distribution of bivalves along the Iraqi coastline. Between 2020 and 2021, a new record of the bivalve *Dosinia prostrata* (Linnaeus, 1758) was discovered along the Iraqi coast in the northwestern Persian-Arabian Gulf.

Key words: Bivalve distribution, Iraqi coast, Persian-Arabian Gulf

1. Introduction

Molluscs are a highly significant category of invertebrates, characterized by their extensive species diversity, biomass, and abundance. They inhabit nearly all types of habitats, except for aerial environments (Kabir et al., 2014). While significant research has been conducted on molluscs throughout the marine coast of Iraq, with notable studies by Ahmed (1975), Al-Hassan and Al-Hasani (1985), Yasser and Naser (2021), Yasser et al. (2022a), Yasser et al. (2022b), Yasser et al. (2023) and Yasser and Naser, 2023, fresh findings continue to be documented periodically. The genus *Dosinia* comprises a significant number of species, and these exhibit substantial variations in both exterior and internal characteristics.

This paper represents the initial documentation of *D. prostrata* on the Iraqi coast northwest of the Persian-Arabian Gulf.