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Species Concept and Speciation

Amal Aldhebiani

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Amal Aldhebiani

Department of Biological Sciences, Faculty of Sciences, King Abdulaziz University, P.O. Box 80200, Jeddah 21589, Saudi Arabia

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Corresponding Author: Dr. Amal Aldhebiani, Department of Biological Sciences, Faculty of Sciences, King Abdulaziz University, P.O. Box 80200 Jeddah 21589, Saudi Arabia., Tel: +9665556654747, Email: aaldhdebiani@kau.edu.sa

Abstract

Defining and recognizing a species has been a controversial issue for a long time. To determine the variation and the limitation between species, many concepts have been proposed. When a taxonomist study a particular taxa, he/she must adopted a species concept and provide a species limitation to define this taxa. In this paper some of species concepts are discussed starting from the typological species concepts to the phylogenetic concept. Positive and negative aspects of these concepts are represented in addition to their application.

Keywords: Species concept; Species limitation; Species; Taxonomy; Classification.

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