# A REVIEW OF ACCUMULATION OF CADMIUM IN THE *BOLETUS EDULIS* AND *LACTARIUS DELICIOSUS*

**Hayrünisa Baş Sermenli***Muğla Sıtkı Koçman University, Muğla, Turkey*hayba2000@gmail.com

**Handan Çınar***Muğla Sıtkı Koçman University, Muğla, Turkey*[h.platanus@gmail.com](mailto:h.platanus@gmail.com)

**Mustafa Işıloğlu***Muğla Sıtkı Koçman University, Muğla, Turkey*[isiloglu48@gmail.com](mailto:isiloglu48@gmail.com)

**Keywords*:*** *Boletus edulis*; Cadmium; *Lactarius deliciosus*; macrofungi.

ABSTRACT

Environmental pollution is the most important problem in today’s world. Although their toxic effects are well-established, heavy metals have still extensive range of application in industry. It is known that wild mushrooms can accumulate some toxic metals, such as lead, mercury and cadmium. In this study, lead accumulation levels of *Boletus edulis* Bull*.* and*Lactarius deliciosus* (L.) Gray taxa which are naturally grown and edible, are given.