

Galeropsidaceae, A New Family for the Mycobiota of Turkey

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Abstract: The *Galeropsidaceae*, an interesting basidiomycete family is reported for the first time from Turkey. *Galeropsis lateritia* (Watling) Moreno, Heykoop & Illana belonging to this family was found in the Samsun province.

Key Words: *Galeropsidaceae*, *Galeropsis lateritia*, new record.

Galeropsidaceae, Türkiye Mikobiyotası İçin Yeni Bir Familya

Özet: İlginç bir bazidiomiset familyası olan *Galeropsidaceae*, Türkiye'den ilk defa bildirilmektedir. Bu familyaya bağlı *Galeropsis lateritia* (Watling) Moreno, Heykoop & Illana Samsun ilinde tespit edilmiştir.

Anahtar Sözcükler: *Galeropsidaceae*, *Galeropsis lateritia*, yeni kayıt.

Introduction

An interesting macrofungus was found during survey studies on the macrofungal biota of the Samsun province. Macroscopic and microscopic features of the specimen were determined and the fungus identified as *Galeropsis lateritia* (Watling) Moreno, Heykoop & Illana belonging to the *Galeropsidaceae* (1,2). Examination of the literature showed that this family and species are new

records for Turkey (3). Herbarium material of the fungus specimen is kept in the laboratory of the Agricultural Faculty, Ondokuz Mayıs University (Samsun).

Description of the species

Regnum : Fungi

Phylum : *Basidiomycota*

Class : *Basidiomycetes*

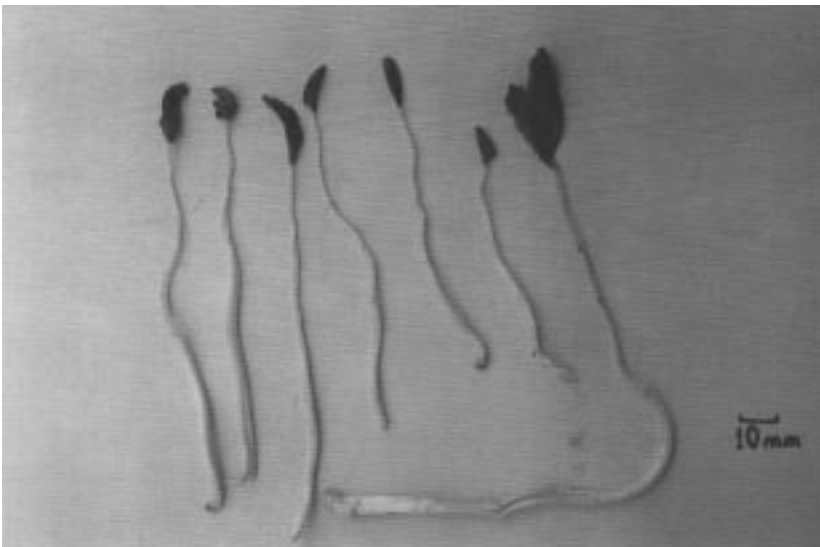


Figure 1. *Galeropsis lateritia*.

Order : Agaricales

Family : Galeropsidaceae

Species : *Galeropsis lateritia* (Watling) Moreno,
Heykoop & Illana,
Mycotaxon 36: 63, 1989 (1,4)

Syn : *Gastrocybe lateritia* Watling, The Michigan
Botanist 7:20, 1968 (1,4)

Cap 18-20 mm high, narrowly conical, not expanding, viscid, brickish brown, with a striate, irregular margin. Stipe < 20x0.3 cm, white, wavy (Figure 1). Gleba sublamellate, gills rusty brown, poorly formed and

distant, deliquescent (Figure 2). Spores elliptic, 6-7.8 μm x 10.5-13 μm , smooth-walled, with a germ pore (Figure 3).

The fungus was found at Kurupelit Campus (Samsun), in short grass, 25.08.1998, 1.09.1998, 2.10.1998, 23.06.1999, 5.07.1999, 16.07.1999 and 10.08.1999, AG 282.

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Figure 2. Sublamellate gleba of *Galeropsis lateritia*.

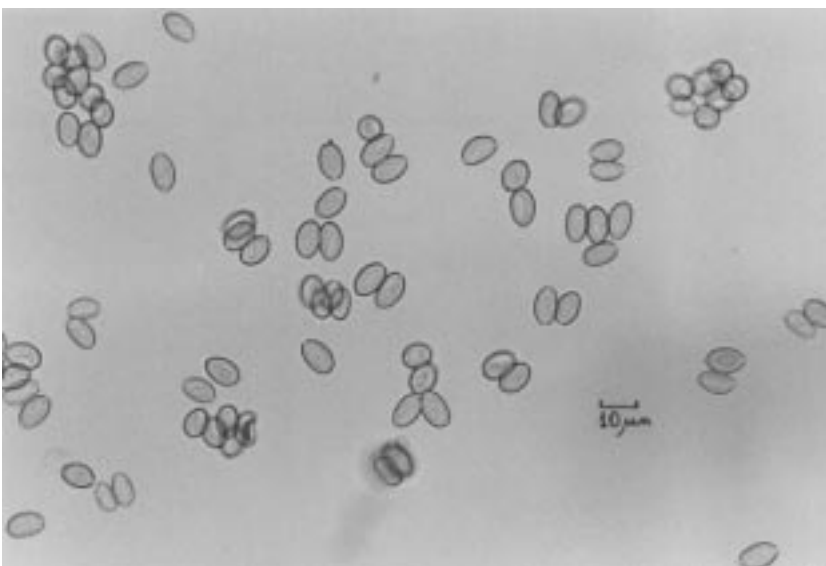


Figure 3. Spores of *Galeropsis lateritia*.

References

1. Hawksworth, D.L., Kirk, P.M., Sutton, B.C., Pegler, D.N., Ainsworth & Bisby's Dictionary of the Fungi. Eighth Edition. CAB International, Wallingford, p. 616, 1995.
2. Courtecuisse, R., Duhem, B., Mushrooms & Toadstools of Britain & Europe. Harper Collins Publishers, London, p. 480, 1995.
3. Sesli, E., Baydar, S., A preliminary checklist of *Agaricales* of Turkey. *Mycotaxon* 60, 213-224, 1996.
4. Moreno, G., Heykoop, M., Illana, C., Studies on *Galeropsis* and *Gastrocybe* (*Bolbitiaceae*, *Agaricales*). *Mycotaxon* 36, 63-72, 1989.