

A New Record for the Moss Flora of Turkey: *Tortella inflexa* (Bruch) Brot.

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Abstract: *Tortella inflexa* (Bruch) Brot. is recorded from Turkey for the first time. The specimen is collected from Giresun Province.

Key Words: Bryophytes, New Record, Flora, Turkey

Türkiye Karayosunu Florası'na Yeni Bir Kayıt: *Tortella inflexa* (Bruch) Brot

Özet: *Tortella inflexa* (Bruch) Brot. Türkiye için yeni kayıttır. Örnek Giresun ilinden toplanmıştır.

Anahtar Sözcükler: Karayosunları, Yeni, Kayıt, Flora, Türkiye

Introduction

The specimen was collected during a botanical field trip in 2000 near Giresun Castle. The species is kept at the Herbarium of the Giresun Science and Arts Faculty, Department of Biology, Karadeniz Technical University.

Results

Information on the morphological and anatomical features and the environment of the species, which is new for the moss flora of Turkey, is given (Smith, 1980; Nyholm, 1981, Çetin, 1998).

Pottiaceae

Tortella inflexa (Bruch) Brot., Nat. Pfl., 1902.

Plant 2-3 mm, leaves strongly curled when dry, erect to spreading when moist, linear-lanceolate, apex almost acute, margin inflexed, papillose-crenulate, nerve ending below apex, basal cells narrowly rectangular, hyaline, ascending up margin, transition to chlorophyllose cells gradual, upper cells quadrate-hexagonal, cells in upper part of leaf 8-10 µm, wide (Figure).

Specimen examined: Turkey, A4, Giresun, north of Giresun Castle, small, bright green patches on soil-

covered rocks in an open habitat, 150 m, 05.04.2000, T. Özdemir 10.

Distribution: Europe, SW Asia, N. Africa, Afghanistan. (Smith, 1980; Frey and Kürschner, 1991; Kürschner et al., 2000).

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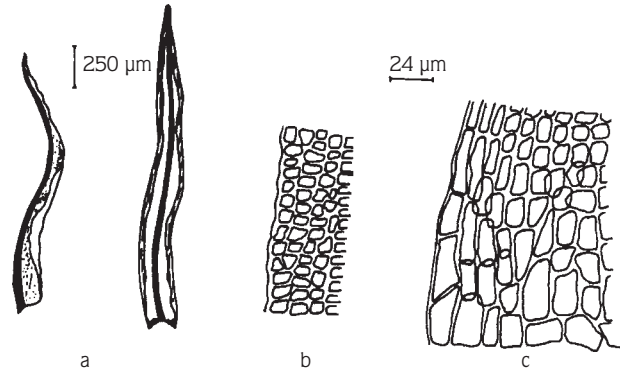


Figure *Tortella inflexa*: a. leaves, b. mid-leaf cells, c. angular cells.

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