

1-1-2001

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TURAN ÖZDEMİR

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### Recommended Citation

ÖZDEMİR, TURAN (2001) "A New Record for the Moss Flora of Turkey: *Tortella inflexa* (Bruch) Brot.," *Turkish Journal of Botany*. Vol. 25: No. 5, Article 8. Available at: <https://journals.tubitak.gov.tr/botany/vol25/iss5/8>

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

Turan ÖZDEMİR

Karadeniz Technical University, Giresun Faculty of Science and Arts, Department of Biology, Giresun - TURKEY

Received: 09.10.2000  
Accepted: 23.03.2001

**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).

### Acknowledgement

I would like to thank Prof. Dr. Barbaros Çetin (Ankara Univ.) and Assistant Professor Güray Uçar (Zonguldak Karaelmas Univ.) for the identification of the species and help with the preparation of this article.

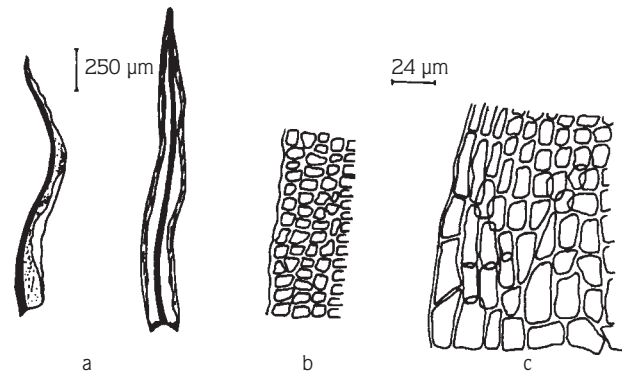


Figure *Tortella inflexa*: a. leaves, b. mid-leaf cells, c. angular cells.

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