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New Records for the Lichen Flora of Turkey

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Abstract: In this study, 6 new lichen species belonging to 4 families of *Ascomycotina* have been defined for Turkey. Their distribution and substrata are given.

Key Words: Lichen, Flora, New record, Turkey

Türkiye Liken Florası İçin Yeni Kayıtlar

Özet: Bu çalışmada *Ascomycotina* sınıfı içerisinde 4 familyaya ait 6 yeni liken türünün Türkiye için yeni olduğu tespit edilmiştir. Türlerin yayılışları ve substratları da verilmiştir.

Anahtar Sözcükler: Liken, Flora, Yeni kayıt, Türkiye

Introduction

After being identified, the lichen specimens were stored in the herbarium of the Biology Department, Fatih Education Faculty, Karadeniz Technical University.

A stereo microscope, a light microscope and a colour identification method using various reactives and reference books were used in the identification of the samples (Purvis et al., 1994; Poelt, 1974; Wirth, 1995; Poelt and Vězda, 1981).

New records:

ASCOMYCOTINA

LECANORALES

LECANORACEAE

Lecanora argopholis (Ach.) Ach., Lichenogr. Univ. (1810): 346

Syn.: *Lichen peltatus* (Ach.) Lam., Encyl., Meth. Bot., Suppl. 3:392(1813)

Erzincan: Çayırılı, Karahüseyin, 2500 m, on siliceous rock, 10.11.2000, Yazıcı 0910.

PARMELIACEAE

Cetraria oakesiana Tuck. in Boston Journ. Nat. Hist. 3: 445 (1841).

Syn.: *Alloctetraria oakesiana* (Tuck) Randl. et Thell. in Thell. et al. in Daniels et al. (eds) in Flechten Follmann 353-370 (1995).

Trabzon: Akçaabat, Hıdırnebi yaylası, 1540 m, on *Picea orientalis*, 08.08.1993, Yazıcı 0316.

Parmelia disjuncta Erichsen in Ann. Mycol. 37:78(1939).

Syn.: *Melanelia disjuncta* (Erichs.) Essl. in Mycotaxon 7 (1): 46 (1978).

Trabzon: Çaykara, Sultanmurat yaylası, 1935 m, 18.08.1995, 1935 m, on siliceous rock. 18.08.1995, Yazıcı 0478.

PORPIDIACEAE

Bellemeria sanguinea (Krempelh.) Hafellner et Roux in Clauzade et Roux in Clauzade & Roux in Bull. Soc. Bot. Centre-Quest, n.s., 15:125-134 (1984).

Syn.: *Aspicilia sanguinea* Krempelh. in Flora 40: 371 (1857) (Basionym).

Trabzon: Çaykara, Sultanmurat yaylası, 2500 m, on siliceous rock, 18.08.1995, Yazıcı 0628.

STEREOCAULACEAE

Stereocaulon evolutum Graewe ex Th.Fr. in Bot. Not. 181 (1947).

Syn.: *Stereocaulon lusitanicum* H.Magn. ex Tavares in Bróteria 16 (43): 147 (1947).

Trabzon: Maçka, Hamsiköyü Turistik Tesisleri and surroundings, at the side of the road, 1700 m, on siliceous rock, 22.08.1993, Yazıcı 0632.

Stereocaulon dactylophyllum Flörke in Deutsche Lichenen, Lief. IV:13 (1819).

Syn.: *Stereocaulon coralloides* Fr. in Schedulae criticae de Lichenibus exsiccatis Sueciae III: 24 (1825).

Trabzon: Maçka, Hamsiköyü Turistik Tesisleri and surroundings, at the side of the road, 1700 m, on siliceous rock, 22.08.1993, Yazıcı 0588.

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Poelt J (1974). *Bestimmungsschlüssel Europäischer Flechten*. Lehre: J Cramer.

Purvis OW, Coppins BJ, Hawksworth DL, James PW & Moore DM (1994). *The Lichen Flora of Great Britain and Ireland*. London: Natural History Museum Publication in association with the British Lichen Society.

Wirth V (1995). *Die Flechten Baden Württembergs*. Teil 1-2. Stuttgart: Ulmer.