New or rarely reported lichens for Thrace, Greece

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Forty five species are reported from Thrace. Tree taxa, Cladonia caespiticia, Dermatocarpon luridum, and Vahliella leucophaea, are new to the Greek mainland, and 34 taxa are new to Thrace. This is at the same time a first record of lichens on Quercus frainetto in Greece.

Es werden fünfundvierzig Flechten aus Thrakien gemeldet. Drei Arten (Cladonia caespiticia, Dermatocarpon luridum und Vahliella leucophaea) sind neu für das griechische Festland, vierunddreißig Arten sind neu für Thrakien. Erstmals werden Flechten auf Quercus frainetto in Griechenland nachgewiesen.

Key words: Quercus frainetto, lichenized fungi, Rhodope Mountains

Introduction
The knowledge of the Greek lichenized mycota is gradually increasing (see references in Christensen 2018). Lichenologists and other collectors have travelled in many parts of the country though some parts are still only little explored. Thrace (Θράκη) in particular has almost been ignored by lichen collectors. With only 32 recorded species Thrace is the least known province of Greece (Abbott 2009). Arcadia (2018), however, state the number for Thrace to be 40. For the regional units (‘nomi’) Evros, Rodopi, and Xanthi only 19, 0 and 14 taxa are reported, respectively (Abbott 2009, Arcadia 2018). This paper is a small contribution to increase the knowledge of the lichens inhabiting this north-eastermost part of mainland Greece. A first record of the lichens on Quercus frainetto is given.

Materials and methods
Specimens were determined using standard procedures (Smith et al. 2009), except that thin-layer chromatography and other chromatographic techniques were not available.

The specimes are deposited in Natural History Museum of Denmark, Botanical Garden & Museum, Copenhagen (C), in Botanical Garden & Museum, Berlin-Dahlem (B) and in the authors private herbarium. No papers dealing with the lichen mycota of Thrace have appeared since the Greek checklist (Abbott 2009) was published, so the presence and absence of the collected species were only checked against this work. Taxa not included in Abbott (2009) were checked against subsequent papers (see Christensen 2018).