

**Richardson, M.J.** 2008. Coprophilous fungi from the Greek Aegean islands. – *Mycologia Balcanica* **5**: 23-32.

**Abstract.** Seventy-seven species of coprophilous fungi, including *Podospora macrodecipiens* sp. nov., were recorded from 43 herbivore dung samples collected from fifteen Aegean islands (from 35-41° N and 24-28° E) and subsequently incubated in moist chambers. Collections are described and the occurrence and distribution of species is discussed. The species richness of the Aegean coprophilous mycota is lower than might be expected from simple latitudinal considerations, possibly because of a reduced diversity of herbivores and the island nature of the collections.

**Key words:** ascomycetes, basidiomycetes, biogeography, diversity, ecology, fimicoles