

New or interesting records of lichenicolous fungi from Poland VII. Species mainly from Tatra Mountains

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Abstract: KUKWA, M. & FLAKUS, A. 2009. New or interesting records of lichenicolous fungi from Poland VII. Species mainly from Tatra Mountains. – *Herzogia* **22**: 191–211.

Records of 98 species of lichenicolous fungi and lichens are presented, mainly from Tatra Mts. Six species, *Cercidospora lecidomae*, *Everniicola flexispora*, *Rhagadostoma boleaе*, *R. rugosum*, *Stigmidium cladoniicola* and *S. leprariae*, are new to Central Europe. Thirty four species are reported as new to Poland: *Acremonium antarcticum*, *Arthonia almquistii*, *Cercidospora punctillata*, *C. stereocaulorum*, *C. trypetheliza*, *Cornutispora* aff. *ciliata*, *Dactylospora australis*, *D. deminuta*, *Endococcus brachysporus*, *E. fusiger*, *E. macrosporus*, *E. perpusillus* s.str., *Epibryon conductrix*, *E. solorinae*, *Epigloea urosperma*, *Minutoexcipula tuerkii*, *Miriquidica intrudens*, *Niesslia peltigericola*, *Opegrapha geographicola*, *O. glaucomaria*, *Phaeosporobolus alpinus*, *Phoma denigricans*, *Polycoccum bryonothae*, *P. sporastatae*, *Sagediopsis fissurisedens*, *Sphaerellothecium atryneae*, *S. cladoniae*, *S. contextum*, *Spirographa fusisporella*, *Stigmidium frigidum*, *S. gyrophorarum*, *Taeniolella atricerebrina*, *Thamnogalla crombiei*, *Zwackhiomyces berengerianus* and *Z. diederichii*. New hosts are reported for *Cercidospora lecidomae* (*Thamnolia vermicularis*), *Endococcus* aff. *propinquus* (*Bellemeria* cf. *alpina*), *Everniicola flexispora* (*Catolechia wahlenbergii*), *Lichenocodium lecanorae* (*Alectoria ochroleuca*, *Allantoparmelia alpicola* and *Catolechia wahlenbergii*), *Monodictys epilepraria* (*Lepraria vouauxii*), *Niesslia peltigericola* (*Lichenomphalia* cf. *umbellifera*) and *Sphaerellothecium atryneae* (*Lecanora rupicola* s.lat. and *L. swartzii* subsp. *nylanderii*). Material temporarily referred to as *Llimoniella* aff. *adnata* is also reported and commented.

Zusammenfassung: KUKWA, M. & FLAKUS, A. 2009. Neue oder interessante Funde lichenicoler Pilze aus Polen VII. Arten überwiegend aus dem Tatra Gebirge. – *Herzogia* **22**: 191–211.

Nachweise von 98 Arten von lichenicolen Pilzen und Flechten werden gemeldet, hauptsächlich aus dem Tatra-Gebirge. Sechs Arten, *Cercidospora lecidomae*, *Everniicola flexispora*, *Rhagadostoma boleaе*, *R. rugosum*, *Stigmidium cladoniicola* und *S. leprariae*, sind neu für Mittel-Europa. 34 Arten werden zum ersten Mal aus Polen angegeben: *Acremonium antarcticum*, *Arthonia almquistii*, *Cercidospora punctillata*, *C. stereocaulorum*, *C. trypetheliza*, *Cornutispora* aff. *ciliata*, *Dactylospora australis*, *D. deminuta*, *Endococcus brachysporus*, *E. fusiger*, *E. macrosporus*, *E. perpusillus* s.str., *Epibryon conductrix*, *E. solorinae*, *Epigloea urosperma*, *Minutoexcipula tuerkii*, *Miriquidica intrudens*, *Niesslia peltigericola*, *Opegrapha geographicola*, *O. glaucomaria*, *Phaeosporobolus alpinus*, *Phoma denigricans*, *Polycoccum bryonothae*, *P. sporastatae*, *Sagediopsis fissurisedens*, *Sphaerellothecium atryneae*, *S. cladoniae*, *S. contextum*, *Spirographa fusisporella*, *Stigmidium frigidum*, *S. gyrophorarum*, *Taeniolella atricerebrina*, *Thamnogalla crombiei*, *Zwackhiomyces berengerianus* und *Z. diederichii*. Neue Wirtsflechten werden gemeldet für *Cercidospora lecidomae* (*Thamnolia vermicularis*), *Endococcus* aff. *propinquus* (*Bellemeria* cf. *alpina*), *Everniicola flexispora* (*Catolechia wahlenbergii*), *Lichenocodium lecanorae* (*Alectoria ochroleuca*, *Allantoparmelia alpicola* und *Catolechia wahlenbergii*), *Monodictys epilepraria* (*Lepraria vouauxii*), *Niesslia peltigericola* (*Lichenomphalia* cf. *umbellifera*) und *Sphaerellothecium atryneae* (*Lecanora rupicola* s.lat. und *L. swartzii* subsp. *nylanderii*). Material von *Llimoniella* aff. *adnata* wird gemeldet und diskutiert.

Key words: Ascomycota, Basidiomycota, mitosporic fungi, Myxomycota, biodiversity.