

New species and new records of lichens and lichenicolous fungi from the Seychelles

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Abstract: DIEDERICH, P., LÜCKING, R., APTROOT, A., SIPMAN, H. J. M., BRAUN, U., AHTI, T. & ERTZ, D. 2017. New species and new records of lichens and lichenicolous fungi from the Seychelles. – *Herzogia* 30: 182–236.

Sixteen species of lichens and lichenicolous fungi from the Seychelles are described as new: *Abrothallus ramalinae* (on *Ramalina*), *Coenogonium beverae*, *Fissurina seychellensis*, *Fulvophyton macrosporum*, *Graphis lindsayana*, *Nigrovothelium inspersotropicum*, *Opegrapha salmonea*, *Porina morelii*, *Pseudopyrenula media*, *Ramichloridium tropicum* (on sterile lichen with *Trentepohlia*), *Sarcographa prasinensis*, *S. subglobosa*, *Stictographa dirinariicola* (on *Dirinaria picta*), *Stirtonia epiphylla*, *Talpapellis mahensis* (on sterile lichen with *Trentepohlia*) and *Trimmatothele petri*; *Abrothallus ramalinae* is also reported from Australia, New Zealand and Papua New Guinea, and *Nigrovothelium inspersotropicum* from Guyana. The following 29 species are new to Africa: *Acanthothecis asprocarpa*, *Amandinea diorista* var. *hypopelidna*, *Ampliotrema palaeoamplius*, *Anisomeridium leptospermum*, *Apurotia terricola*, *Chiodecton congestulum*, *Coenogonium saepincola*, *Dictyocatenuata alba*, *Diorygma salvadoriense*, *Epigloea urosperma*, *Fissurina globulifica*, *Graphis diplocheila*, *G. novopalmycolica*, *G. oxyclada*, *G. subamylacea*, *Leptogium mastocheilum*, *Leucodecton album*, *Moelleropsis nebulosa*, *Ocellularia ascidioidea*, *O. piperis*, *Polymeridium microsporum*, *Ramonia rappii*, *Sarcographa maculosa*, *S. ramificans*, *Sphaerellothecium cinerascens*, *Spirographa fusisporella*, *Sporopodium flavescens*, *Thallooloma hypoleptum* and *Thelotrema capetribulense*, and the following 18 species are new for the Seychelles: *Cladonia digitata*, *Cryptolechia nana*, *Etayoa tryphethelii*, *Fissurina comparilis*, *Glomerulophoron mauritiae*, *Graphis proserpens*, *G. renschiana*, *Julella geminella*, *Leucodecton compunctellum*, *Mazosia phyllosema*, *Opegrapha vermelhana*, *Phaeographis brasiliensis*, *Placynthiella dasaea*, *Porina atrocoerulea*, *Pyrenula nitidula*, *P. sexocularis*, *Roselliniella cladoniae* and *Trichothelium alboatrum*. A further 83 species are reported from the Seychelles. *Amandinea melaxantheta*, *Cryptolechia subincolorella* and *Leptogium denticulatum* have been removed from the Seychelles checklist.

Zusammenfassung: DIEDERICH, P., LÜCKING, R., APTROOT, A., SIPMAN, H. J. M., BRAUN, U., AHTI, T. & ERTZ, D. 2017. Neue Arten und neue Funde von Flechten und lichenicolen Pilzen von den Seychellen. – *Herzogia* 30: 182–236.

Sechzehn neue Arten von Flechten und lichenicolen Pilzen werden beschrieben: *Abrothallus ramalinae* (auf *Ramalina*), *Coenogonium beverae*, *Fissurina seychellensis*, *Fulvophyton macrosporum*, *Graphis lindsayana*, *Nigrovothelium inspersotropicum*, *Opegrapha salmonea*, *Porina morelii*, *Pseudopyrenula media*, *Ramichloridium tropicum* (auf steriler Flechte mit *Trentepohlia*), *Sarcographa prasinensis*, *S. subglobosa*, *Stictographa dirinariicola* (auf *Dirinaria picta*), *Stirtonia epiphylla*, *Talpapellis mahensis* (auf steriler Flechte mit *Trentepohlia*) und *Trimmatothele petri*; *Abrothallus ramalinae* wird auch aus Australien, Neuseeland und Papua Neu Guinea nachgewiesen, und *Nigrovothelium inspersotropicum* aus Guyana. Die folgenden 29 Arten sind neu für Afrika: *Acanthothecis asprocarpa*, *Amandinea diorista* var. *hypopelidna*, *Ampliotrema palaeoamplius*, *Anisomeridium leptospermum*, *Apurotia terricola*, *Chiodecton congestulum*, *Coenogonium saepincola*, *Dictyocatenuata alba*, *Diorygma salvadoriense*, *Epigloea urosperma*, *Fissurina globulifica*, *Graphis diplocheila*, *G. novopalmycolica*, *G. oxyclada*, *G. subamylacea*, *Leptogium mastocheilum*, *Leucodecton album*, *Moelleropsis nebulosa*, *Ocellularia ascidioidea*, *O. piperis*, *Polymeridium microsporum*, *Ramonia rappii*, *Sarcographa maculosa*, *S. ramificans*, *Sphaerellothecium cinerascens*, *Spirographa fusisporella*, *Sporopodium flavescens*, *Thallooloma hypoleptum* und *Thelotrema capetribulense*, und die folgenden 18

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Arten sind neu für die Seychellen: *Cladonia digitata*, *Cryptolechia nana*, *Etayoa trypethelii*, *Fissurina comparilis*, *Glomerulophoron mauritiae*, *Graphis proserpens*, *G. renschiana*, *Julella geminella*, *Leucodecton compunctellum*, *Mazosia phyllosema*, *Opegrapha vermelhana*, *Phaeographis brasiliensis*, *Placynthiella dasaea*, *Porina atrocoerulea*, *Pyrenula nitidula*, *P. sexocularis*, *Roselliniella cladoniae* und *Trichothelium alboatrum*. Weitere 83 Arten werden von den Seychellen gemeldet. *Amandinea melaxanthella*, *Cryptolechia subincolorella* und *Leptogium denticulatum* werden von der Seychellen Checkliste gestrichen.

Key words: Biodiversity, Palaeotropics, distribution, taxonomy.