
FOLIA CRYPTOGAMICA ESTONICA

Fasc. 31–42

<http://www.ut.ee/ial5/fce/>

CONTENTS

Folia Cryptog. Estonica 31 (1997)	2
Folia Cryptog. Estonica 32 (1998)	3
Folia Cryptog. Estonica 33 (1998)	4
Folia Cryptog. Estonica 34 (1999)	6
Folia Cryptog. Estonica 35 (1999)	7
Folia Cryptog. Estonica 36 (2000).....	8
Folia Cryptog. Estonica 37 (2000).....	9
Folia Cryptog. Estonica 38 (2001).....	10
Folia Cryptog. Estonica 39 (2002).....	11
Folia Cryptog. Estonica 40 (2003, publ. 2004)	12
Folia Cryptog. Estonica 41 (2005)	13
Folia Cryptog. Estonica 42 (2006).....	14

Published and distributed by
Estonian Naturalists' Society
BOX 48, 51003 Tartu
ESTONIA

Full papers available electronically by clicking on
the headline of the paper in the contents of the
corresponding fasc.
Electronic versions ARE NOT AVAILABLE for fasc.
33, 34 and 38.

FCE
T A R T U

Folia Cryptog. Estonica 31 (1997)

Kannukene, L., Ingerpuu, N., Vellak, K. & Leis, M. Additions and amendments to the list of Estonian bryophytes	1
Tobias, M. & Kannukene, L. Bryophyte communities of limestone grass- lands on Saaremaa and Vilsandi Islands	8
Kannukene, L. Bryophytes on small islands in four nature reserves of Es- tonia	13
Randlane, T., Jüriado, I., Martin, J., Martin, L., Nilson, E. & Temina, M. Lichens of Naissaar Island (Gulf of Finland, Estonia)	20
Jüriado, I. Epilithic species of the lichen genera <i>Lecanora</i> , <i>Protoparmelia</i> and <i>Tephromela</i> in Estonia	26
Sarv, M. The species of the genus <i>Rinodina</i> (Physciaceae, Lecanorales) in Estonia.....	30
Moberg, R. <i>Phaeophyscia chloantha</i> and <i>Solorina bispora</i> new to Estonia	36
Parmasto, E. & Parmasto, I. Lignicolous Aphyllophorales of old and pri- meval forests in Estonia. 1. The forests of northern Central Estonia with a preliminary list of indicator species.....	38
Karis, H. & Elliku, J. On the powdery mildews (Erysiphaceae) of Yakutia	46
Põldmaa, K. Explosion of <i>Melampsoridium</i> sp. on <i>Alnus incana</i>	48
Vimba, E. & Põldmaa, K. <i>Milesina</i> , a rust genus new for Estonia	51
List of new taxa and combinations published in FCE no. 1–30.....	52

Folia Cryptog. Estonica 32 (1998)

Ahti, T. A revision of <i>Cladonia stricta</i>	5
Coppins, B. J. & Kondratyuk, S. Y. <i>Opegrapha trassii</i> sp. nov., a new lichenicolous fungus on <i>Heterodermia</i>	9
Jüriado, I. A revision of the <i>Lecanora subfuscata</i> group in Estonia.....	15
Kurokawa, S. A catalogue of <i>Heterodermia</i> (<i>Physciaceae</i>).....	21
Kärnefelt, E. I. Problems related to the marine lobate and subfruticose species of <i>Caloplaca</i>	27
Liiv, S. & Sander, E. Bioindication of air quality by lichens in a small town Viljandi in southern Estonia.....	37
Lõhmus, P. List of Estonian calicioid lichens and fungi.....	43
Martin, L. & Martin, J. Epiphytic macrolichens in Estonian forests	47
Nilson, E. & Piin, T. Lichens of the islets of Kolga bay (Gulf of Finland, Estonia). I. Distribution and frequency of epiphytic lichen species.....	57
Parmasto, E. <i>Athelia arachnoidea</i> , a lichenicolous basidiomycete in Estonia.....	63
Piin, T. & Lensment, L. The first record of <i>Ochrolechia szatalaensis</i> in Estonia.....	67
Pišút, I. & Guttová, A. Deterioration of the lichen flora in the National Nature Reserve Rozsutec (the Malá Fatra Mts, Slovakia)	69
Randlane, T. Red list of Estonian macrolichens	75
Saag, A., Randlane, T. & Suija, A. Lichenological collections in TU	81
Seaward, M. R. D. Time-space analyses of the British lichen flora, with particular reference to air quality surveys.....	85
Streimann, H. Bryological comparisons between Australia and northern Europe.97	
Suija, A. Lecideoid lichens from Estonia – an annotated checklist	107
Thell, A. Phylogenetic relationships of some cetrarioid species in British Columbia with notes on <i>Tuckermannopsis</i>	113
Thor, G. & Nordin, A. 16 lichens new to Estonia.....	123
Titov, A. N. New and rare calicioid lichens and fungi from relict tertiary forests of Caucasus and the Crimea	127
Türk, R. & Obermayer, W. Die Verbreitung der Gattungen <i>Anaptychia</i> , <i>Heterodermia</i> , <i>Hyperphyscia</i> und <i>Phaeophyscia</i> (<i>Physciaceae</i>) in Österreich.....	135
Vitikainen, O. Biogeographical data on the lichen flora of Finland	149
Zhurbenko, M. Lichens and lichenicolous fungi from the north of Pyasino Lake, Taimyr Peninsula, Siberia	153

Folia Cryptog. Estonica 33 (1998)

Parmasto, E. Elmar E. Leppik and Estonian mycology.....	1–4
Trass, H. <i>Erasmus Mycophilus</i>	5–7
Banik, M. T., Burdsall, H. H. Jr., & Volk, T. J. Identification of groups within <i>Laetiporus sulphureus</i> in the United States based on RFLP analysis of the nuclear ribosomal DNA	9–14
Bernicchia, A. & Niemelä, T. <i>Ceripora sulphuricolor</i> , a new polypore species from Italy	15–17
Bondartseva, M. A., Lositskaya, V. M. & Zmitrovich, I. V. Aphyllophroid fungi of old and primeval forests in the Kotavaara site of North Karelian biosphere reserve	19–24
Dai, Y.-C. Changbai wood-rotting fungi 10. A new species of <i>Dentipellis</i> (Basiidiomycota, Aphyllophorales, Hericiaceae)	25–28
Ginns, J. How many species are there?	29–33
Hallenberg, N. Evolutionary process on species level in wood-inhabiting Basidiomycetes.....	35–40
Kotiranta, H. <i>Parmastomyces mollissimus</i> in North Europe	41–47
Kotlaba, F. & Pouzar, Z. Notes on the division of the genus <i>Fomitopsis</i> (Polyporales)	49–52
Kõljalg, U. & Larsson, E. <i>Pseudotomentella ochracea</i> sp. nov., based on morphological and molecular data	53–56
Langer, E. Evolution of <i>Hyphodontia</i> (Corticiaceae, Basidiomycetes) and related Aphyllophorales inferred from ribosomal DNA sequences	57–62
Langer, G. & Langer, E. <i>Haplotrichium parmastii</i> sp. nov. collected in Costa Rica	63–69
Larsson, K.-H. A molecular perspective on <i>Ceraceomyces sublaevis</i>	71–76
Melo, I., Salcedo, I. & Telleria, M. T. Contribution to the knowledge of Tomentelloid Fungi in the Iberian Peninsula.....	77–84

- Nakasone, K. K. & Gilbertson, R. L.** Three Resupinate Hydnaceous Basidiomycetes from Hawai’I..... 85–92
- Niemelä, T.** Steccherinum bourdattii in North Europe 93–97
- Núñez, M.** The genus *Elmerina* (Heterobasidiomycetes) in Japan 99–101
- Parmasto, E.** On nomenclature of some Aphylophoroid fungi (Hymenomycetes, Basidiomycota) 103–104
- Pegler, D. N. & Henrici, A.** *Paneolus atrobalteatus* sp. nov., a member of *Paneolus* stirps *Subbalteatus* (Agaricales, Strophariaceae) 105–108
- Penzina, T. & Ryvarden, L.** *Tyromyces sibiricus* nov. sp..... 109–110
- Petersen, R. H. & Blanco, J. C.** Mating systems of three Mexican aphylophorales 111–117
- Rajchenberg, M. & Wright, J. E.** Two interesting Polypore species (Hymenochaetales) from Argentina 119–122
- Renvall, P. & Kaaro, J.** *Tyromyces fumidiceps* – an addition to the polypore flora of North Europe 123–126
- Roberts, P.** *Oliveonia* and the origin of the holobasidiomycetes 127–132
- Stalpers, J. A.** On the genera *Sarcodontia*, *Radulodon* and *Pseudolagarobasidium*.... 133–138
- Tortic, M.** An attempt to a list of indicator fungi (Aphylophorales) for old forests of beech and fir in former Yugoslavia 139–146
- Trass, H.** List of physcioid macrolichens of Russian Far East and Siberia 147–151

Folia Cryptog. Estonica 34 (1999)

Kollom, A. & Parmasto, E. <i>Perenniporia maackiae</i> (polypores, Hymenomycetes)	1–7
Larsen, M. J. & Stenlid, J. Neotypification of <i>Phellinus chrysoloma</i>	9–13
Põldmaa, K. The genus <i>Hypomyces</i> (Hypocreales, Ascomycota) and aphylophoralean basidiomycetes	15–31
Hansen, E. S. Lichens from Qeqertarsuaq/Godhavn, Disko, Central West Greenland	33–42
Martin, L., Temina, M. & Martin, J. Supplement to the list of lichen species of Naissaar Island (Gulf of Finland, Estonia)	43–45
Randlane, T. & Jüriado, I. Lichen flora of Osmussaar Island (north-western Estonia)	47–53
Saag, L. & Saag, A. The genus <i>Lepraria</i> (<i>Lichenes Imperfici</i>) in Estonia ..	55–63
Sander, E. Comparison of the lichen flora of different broad-leaved trees in Estonia	65–69
Zhurbenko, M. P. & Hafellner, J. Lichenicolous fungi from the Putorana plateau, Siberian Subarctic	71–79
New Estonian records: fungi	81–89
Kullman, B., Öpik, M. & Jakobson, A. Pezizales	
Normet, T. Species of parasitic microfungi on leaves of woody plants	
Parmasto, E. Hymenomycetes and Auriculariales	
Põldmaa, K. <i>Puccinia scillae</i> Linh.	

Folia Cryptog. Estonica 35 (1999)

**SECOND CHECKLIST
OF LICHENIZED,
LICHENICOLOUS AND
ALLIED FUNGI OF
ESTONIA**

Editors:

Tiina Randlane & Andres Saag

Contributors:

**Inga Jüriado, Piret Lõhmus, Jüri Martin,
Ljudmilla Martin, Eva Nilson, Taimi Piin,
Tiina Randlane, Andres Saag, Lauri Saag,
Mari Sarv, Ave Suija, Marina Temina,
Hans Trass**

Contents

Introduction	2
Symbols and abbreviations	6
Checklist of lichenized, lichenicolous and allied fungi of Estonia	7
Excluded taxa	106
References	108
Index of Estonian names	109
Index of Latin epithets	115

Folia Cryptog. Estonica 36 (2000)

EDITORIAL.....	1
Adamonyte, G. New Data on Estonian Myxomycete Biota	7
Faltynowicz, W. & Kukwa, M. Lichens of the ‘Cisy w Czarnem’ reserve (Western Pomerania, N Poland) with emphasis on old growth forest species	11
Halonen, P., Kukwa, M., Motiejunaite, J., Lõhmus, P. & Martin, L. Notes on lichens and lichenicolous fungi found during the XIV Symposium of Baltic Mycologists and Lichenologists in Järveselja, Estonia	17
Juceviciene, N. & Valaikaite-Domarkiene, V. Air quality assessment of Kaunas city using method of passive lichenoindication	23
Kullman, B. Application of flow cytometry for measurement of nuclear DNA content in fungi	31
Kutorga, E. The diversity and distribution of the Pezizales (Ascomycota) in Lithuania	47
Leenurm, K. & Raitviir, A. The ultrastructure of <i>Belonidium aeruginosum</i> Mont. & Durieu (Hyaloscyphaceae, Helotiales)	57
Martin, L., Randlane, T. & Martin, J. Lichens of Vormsi Island	65
Motiejunaite, J. Studies on lichenicolous fungi in Lithuania	83
Saar, I. & Kullman, B. Nuclear DNA content and spore dimension in some species of the genus <i>Cystoderma</i>	87
Thell, A., Stenroos, S. & Myllys, L. A DNA study of the <i>Cetraria aculeata</i> and <i>C. islandica</i> groups	95
Öpik, M., Kullman, B. & Kollom, A. <i>Sarcoscypha austriaca</i> (Pezizales) in Estonia	107

Folia Cryptog. Estonica 37 (2000)

Alstrup, V., Hansen, E. S. & Daniels, F. J. A. Lichenized, lichenicolous and other fungi from North and North- East Greenland.....	1
Jüriado, I., Löhmus, P. & Saag, L. Supplement to the second checklist of lichenized, lichenicolous and allied fungi of Estonia	21
Kalamees, K. & Botashev, R. Mycobiota of the Teberda State Biosphere Reserve (Polyporales, Boletales, Agaricales).....	27
Krastina, I. Species composition and dynamics of sporocarp production of macrofungi in pine forests with <i>Vaccinium myrtillus</i> in northern Latvia.....	39
Larsen, M. J. <i>Phellinus gilbertsonii</i> sp. nov. from western North America causing heart-rot of coastal Douglas-fir	51
Parmasto, E. New taxa and new combinations in hymenochaetoid fungi (Hymenomycetes)	55
Parmasto, E. & Kollom, A. The genus <i>Melanoporia</i> (polypores, Hymenomycetes)	67
Piterans, A. & Zeiviniece, A. Lichens in the reserves and other important woods of eastern Latvia	79
Raitviir, A. & Leenurm, K. New species and new records of Ascomycetes from Estonia	85
Trass, H. The lichen genus <i>Heterodermia</i> (Lecanorales, Physciaceae) in Russia and adjacent territories.....	93
Zhurbenko, M. P. & Davydov, E. A. Lichenicolous fungi and some lichens from the Russian Altai, southern Siberia	109
New Estonian records	
Kullman, B. Pezizales	119
Suija, A. Lichenicolous fungi	119

Folia Cryptog. Estonica 38 (2001)

<p>Hansen, E. S. Lichenized and lichenicolous fungi from Washington Land, western North Greenland</p> <p>Irbe, I., Andersone, I. & Andersons, B. Distribution of the true dry rot fungus <i>Serpula lacrymans</i> in Latvia</p> <p>Kalamees, K. Taxonomy and ecology of the species of the <i>Tricholoma equestre</i> group in the Nordic and Baltic countries</p> <p>Kukwa, M. New and noteworthy lichenized and lichenicolous fungi to Estonia.....</p> <p>Kõljalg, U., Jacucs, E., Bóka, K. & Agerer, R. Three ectomycorrhizae with cystidia formed by different <i>Tomentella</i> species as revealed by rDNA ITS sequences and anatomical characteristics</p> <p>Leenurm, K. & Raitviir, A. The ultrastructure of <i>Lachnellula willkommii</i> (Hyaloscyphaceae, Helotiales, Ascomycetes)</p> <p>Nilson, E. & Jüriado, I. Lichens of Harilaid Island (West-Estonian Archipelago)</p> <p>Parmasto, E. <i>Stalpersia</i>, gen. nova (Hericiales, Bacidiomycota).....</p> <p>Parmasto, E. & Parmasto, I. <i>Phellinus baumii</i> and related species of the <i>Ph. linteus</i> group (Hymenochaetaceae, Hymenomycetes)</p> <p>Raitviir, A. & Leenurm, K. Rare and interesting species of the Dermateaceae from Estonia</p> <p>Vellak, K., Kannukene, L., Ingerpuu, N. & Leis, M. Additions to the list of the Estonian bryophytes, 1997–2001</p> <p>Zhubenko, M. P. & Otnyukova, T. N. Lichenicolous fungi from the Sayan-Tuva Mountains, Southern Siberia, Russia</p> <p>New Estonian records</p> <p>Kullman, B. Helotiales and Pezizales</p> <p>Suija, A., Lõhmus, P., Nilson, E. & Saag, L. Lichens and lichenicolous fungi.....</p> <p>Obituary. Vale Heinar Streimann (1938–2001)</p>	<p style="margin-right: 20px;">1</p> <p style="margin-right: 20px;">9</p> <p style="margin-right: 20px;">13</p> <p style="margin-right: 20px;">25</p> <p style="margin-right: 20px;">27</p> <p style="margin-right: 20px;">41</p> <p style="margin-right: 20px;">47</p> <p style="margin-right: 20px;">51</p> <p style="margin-right: 20px;">53</p> <p style="margin-right: 20px;">63</p> <p style="margin-right: 20px;">71</p> <p style="margin-right: 20px;">79</p> <p style="margin-right: 20px;">85</p> <p style="margin-right: 20px;">85</p> <p style="margin-right: 20px;">87</p>
---	---

Folia Cryptog. Estonica 39 (2002)

Alstrup, V. Revisions of some lichens and lichenicolous fungi from Antarctica.....	1
Hansen, E. S. Lichens from Ammassalik Ø, Southeast Greenland	3
Raitviir, A. & Huhtinen, S. A few out of many – interesting inoperculate, lignicolous discomycetes from Norway	13
Raitviir, A. & Kutorga, E. A preliminary checklist of Lithuanian Dermatophytaceae (Ascomycetes)	27
Suija, A. & Jüriado, I. Lichens and lichenicolous fungi of the Hiiumaa Islets Landscape Reserve (Estonia).....	37
Zhurbenko, M. P. & Himelbrant, D. E. Lichenicolous fungi from the Kandalaksha Gulf, Karelia Keretina, Russia.....	51
 New Estonian records	
Raitviir, A. Helotiales (Ascomycetes)	61
Kullman, B. Pezizales (Ascomycetes)	62
Jüriado, I., Randlane, T. & Saag, L. Lichens	62
Sylvia Sharnoff Education Award.....	65

Folia Cryptog. Estonica 40 (2003, publ. 2004)

Adamonyte, G. & Vimba, E. Unpublished myxomycete collection of K. R. Kupffer.....	1
Hansen, E. S. & Lund, P. M. The lichen flora and reindeer grazing in the Isortoq area, South West Greenland	7
Kalamees, K. Synopsis of the species of the family Lyophyllaceae (Tricholomatales) in Nordic countries.....	15
Lõhmus, P. Composition and substrata of forest lichens in Estonia: a meta-analysis.....	19
Parmasto, E. Two new species of Hymenochaete (Hymenomycetes, Basidiomycota) from India	41
Raitviir, A. A revised list of Estonian Dermateaceae.....	43
Vellak, K. The bryological collection in the herbarium of the Institute of Zoology and Botany	51
Vimba, E. & Adamonyte, G. Additional data on Latvian myxomycetes	57
New Estonian records	
Kullman, B. Pezizales (Ascomycetes)	63
Kivistö, L. Macrolichens	64
Suija, A. & Jüriado, I. Microlichens	64
HANS TRASS 75 – A BIRTHDAY TRIBUTE.....	65

Folia Cryptog. Estonica 41 (2005)

Editorial	1
Alexeeva, N. Lichens from islands in the Russian part of the Gulf of Finland	5
Aptroot, A. et al. New or interesting lichens and lichenicolous fungi found during the 5th IAL Symposium in Estonia	13
Blinkova, O. & Urbanavichus, G. Ecological analysis of lichens in the Teberda State Biosphere Reserve (North-Western Caucasus, Russia) ...	23
Hansen, E. S. Lichens from Uummannaq, Qilakitsoq and Qaarsut, Central West Greenland	35
Mikhailova, I. et al. Influence of environmental factors on the local-scale distribution of cyanobacterial lichens: case study in the North Urals, Russia	45
Moniry, H. M., Fallahian, F. & Maassoumi, A. Lichens from the Khorasan Province, Iran	55
Moutchnik, E. E. & Zavarzin, A. A. Lichens in the Red Data Books in Russia	59
Paukov, A. G. & Trapeznikova, S. N. Lithophilous lichens of Middle Urals	81
Randlane, T. & Saag, A. Distribution patterns of primary and secondary species in the genus <i>Vulpicida</i>	89
Sipman, H. J. M., Raus, Th. & Scharlau, A. Some lichens have incomplete distribution ranges in the Aegean (Greece)	97
Sohrabi, M. Lichens from Golestan National Park (Iran)	105
Takahashi, K. et al. Chemical constituents from lichens for pharmaceutical and industrial uses	109
Thell, A. et al. A preliminary phylogeographic study of <i>Flavopunctelia</i> and <i>Punctelia</i> inferred from rDNA ITS-sequences	115
Zocher, B. & Stocker-Wörgötter, E. Secondary chemistry of lichen-forming ascomycetes: culture experiments with isolates of <i>Xanthoparmelia</i> species from Australia	123
New Estonian records	
Suija, A., Nõmm, M. & Boch, S. Lichens and lichenicolous fungi.....	135

Folia Cryptog. Estonica 42 (2006)

Bresinsky, A. Observations on Mycobiota in Estonia	1
Hansen, E. S. Lichens from Nanortalik, Aappilattoq, Narsaq Kujalleq/ Frederiksø and Taserssuaq, South Greenland	11
Kalamees, K. & Saar, I. Mycobiota of the Naissaar Nature Park (Estonia)	25
Kullman, B. & Teterin, W. Estimation of fungal genome size: comparison of image cytometry and photometric cytometry	43
Kutorga, E. & Raitviir, A. A checklist of Lithuanian hyaloscypheaceous fungi (Ascomycetes)	57
Lawrynowicz, M. Hypogeous fungi collected in Estonia in 1989 and 1999	67
Parmasto, E. New data on distribution and spore variation in Hydnochaete and Hymenochaete (Hymenomycetes)	73
Parmasto, E. Dichochaete, Hydnochaete and Hymenochaete (Hymenochaetales, Hymenomycetes) in Costa Rica	81
Põldmaa, K. Two new parasitic ascomycetes on <i>Aesculus hippocastanum</i> in Estonia	85
Vimba, E. & Raitviir, A. A list of Pezizales and Thelebolales of Latvia	91
New Estonian records	
Kullman, B. & Tamm, H. Pezizales (Ascomycetes)	103
Suija, A., Jüriado, I., Leppik, E., Randlane, T. & Thor, G. New lichens and lichenicolous fungi	103
Randlane, T. Genus Xylographa in Estonia	105
Vellak, K., Ingerpuu, N., Kannukene, L. & Leis, M. Liverworts and mosses	107