

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 108

APRIL-JUNE 2009



Moreno, Khalid & Alvarado
FIG 3. *Phallus calongei* sp. nov.
(p. 460)

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 108

APRIL–JUNE 2009

EDITOR-IN-CHIEF

LORELEI L. NORVELL
editor@mycotaxon.com
Pacific Northwest Mycology Service
6720 NW Skyline Boulevard
Portland, Oregon 97229-1309 USA

NOMENCLATURE EDITOR

SHAUN R. PENNYCOOK
PennycookS@LandcareResearch.co.nz
Manaaki Whenua Landcare Research
Auckland, New Zealand

BOOK REVIEW EDITOR

DAVID L. HAWKSWORTH
d.hawksworth@nhm.ac.uk
Milford House, The Mead, P.O. Box 152
Ashted, Surrey KT21 2LZ U.K.

FRENCH LANGUAGE EDITOR

CONY DECOCK
Cony.Decock@uclouvain.be
Place Croix du Sud 3
B-1340 Louvain-la-Neuve, Belgium

TAXON INDEX EDITORS

KAREN D. GETTELMAN
(1996–ff)
mycotaxon@yahoo.com

ROBERT DIRIG
(1991–1996, 2009–ff)
red2@cornell.edu

SUSAN C. GRUFF
(1982–1991, 2009–ff)
scg8@cornell.edu

HENNING KNUDSEN
(2009–ff)
henningk@snm.ku.dk

CONSISTING OF I–VI + 522 PAGES INCLUDING FIGURES

EDITORIAL ADVISORY BOARD

SHAUN ROSS PENNYCOOK (2005-2010), Chair
Auckland, New Zealand

CAROL A. SHEARER (1998-2009), Past Chair
Urbana, Illinois, USA

SEPPO HUHTINEN (2006-2011)
Turku, Finland

GARY J. SAMUELS (1997-2012)
Beltsville, Maryland, USA

HENNING KNUDSEN (2008-2013)
Copenhagen, Denmark

WEN-YING ZHUANG (2003-2014)
Beijing, China

Published by
MYCOTAXON, LTD, P. O. BOX 264
Ithaca, NY 14851-0264, USA

WWW.MYCOTAXON.COM
Printed in the United States of America
© Mycotaxon, Ltd, 2009

MYCOTAXON

VOLUME ONE HUNDRED AND EIGHT — TABLE OF CONTENTS

Proposals 016–020 to amend the International Code of Botanical Nomenclature	David L. Hawksworth, Pedro W. Crous, José C. Dianese, Mariëka Gryzenhout, Lorelei L. Norvell & Keith A. Seifert	1
A new species of <i>Berkleasmium</i> from Chongqing, China	Kai Zhang, Jian Ma, Li-Guo Ma & Xiu-Guo Zhang	5
A brief overview of and key to species of <i>Collema</i> from China	Huajie Liu & Jiangchun Wei	9
Macromycetes of Kahramanmaraş Province (Turkey)	Abdullah Kaya	31
Two records of <i>Ganoderma</i> new to mainland China	Dong-Mei Wang, Sheng-Hua Wu & Tai-Hui Li	35
<i>Hypholoma tuberosum</i> , a new representative of the Czech and Central-European mycobiota	Vladimír Antonín, Jiří Polčák & Michal Tomšovský	41
A new species of <i>Alternaria</i> on <i>Humulus scandens</i> from China	Meng Zhang, Hai-Yan Wu & Dong-Xia Li	49
Two new African <i>Pulveroboletus</i> with ornamented spores	J. Degreef & A. De Kesel	53
<i>Lichenostigma anatolicum</i> sp. nov. (<i>Ascomycota</i> , <i>Lichenotheliaceae</i>) on a brown <i>Acarospora</i> from central Turkey	Mehmet Gökhan Halıcı, Mustafa Kocakaya & Ahmet Aksoy	67
<i>Rhytisma huangshanense</i> sp. nov. described from morphological and molecular data	Man-Man Wang, Li-Tai Jin, Cheng-Xi Jiang & Cheng-Lin Hou	73
New combinations and new species in the lichen genera <i>Hemithecium</i> and <i>Pallidogramme</i>	Gayatri Chitale, Urmila Makhija & Bharati Sharma	83
<i>Amanita magniverrucata</i> – revision of an interesting species of <i>Amanita</i> sect. <i>Lepidella</i>	Rodham E. Tulloss	93
A comparative study of the types of two nivicolous species of myxomycetes: <i>Lamproderma robustum</i> and <i>L. sauteri</i>	H. Singer & G. Moreno	105
<i>Echinospaeria pteridis</i> sp. nov. and its <i>Vermiculariopsiella</i> anamorph	S. Dhargalkar & D.J. Bhat	115
A new hyphomycete species from Guangxi, China	Kai Zhang, Li-Guo Ma & Xiu-Guo Zhang	123

- Two new species of *Eladia* from soil Yu-Lan Jiang & Tian-Yu Zhang 127
Phacellium brachybotrydis sp. nov. on *Brachybotrys paridiformis*
 Mi-Jeong Park & Hyeon-Dong Shin 131
- New records of *Puccinia* & *Pucciniastrum* from Pakistan
 N.S. Afshan & A.N. Khalid 137
- Geomyces destructans* sp. nov., associated with bat white-nose syndrome
 A. Gargas, M.T. Trest, M. Christensen, T.J. Volk & D.S. Bleher 147
- Opegrapha paucixcupulata*, a new corticolous lichen from Turkey
 André Aptroot & Kenan Yazici 155
- Two intimately co-occurring species of *Mycena* section *Sacchariferae*
 in south-west Australia Neale L. Bougher 159
- Additions to the gramicolous rust fungi of Pakistan
 A.N. Khalid & N.S. Afshan 175
- The correct authorship of the genus *Hypomyces* and its original species
 S.R. Pennycook 185
- A new species of *Hyphoderma* (*Basidiomycetes*) from India
 G.S. Dhingra, Avneet P. Singh & Nishi Singla 197
- The first record of *Dimargaris bacillispora* (*Dimargaritales*) in
 South America André Luiz Cabral M. de A. Santiago,
 Maria A. Q. Cavalcanti & Sandra Farto Botelho Trufem 201
- Stemonaria fuscooides* (*Stemonitaceae*, *Myxomycetes*): a new record for
 Brazil Glauciane Damasceno, Antônia Aurelice Aurélio Costa,
 José Zanon De Oliveira Passavante & Laise De Holanda Cavalcanti 205
- Species, host range, and geographical distribution of powdery mildew
 fungi in Iran S.A. Khodaparast & M. Abbasi 213
- Rattania setulifera*, an undescribed endophytic hyphomycete on rattans
 from Western Ghats, India Ashish Prabhugaonkar & D.J. Bhat 217
- Taxonomy and chemical aspects of *Psilocybe wrightii* from
 southern Brazil Luciana Grazziotin Rossato, Vagner Gularte Cortez,
 Renata Pereira Limberger & Gastón Guzmán 223
- A new species of *Pertusaria* (*Pertusariaceae*) from China
 Qiang Ren, Zhong-Shuai Sun, Li-Song Wang & Zun-Tian Zhao 231
- Dacampia rubra* sp. nov. (*Ascomycota*, *Dacampiaceae*) a lichenicolous
 fungus on vagrant *Aspicilia* species Mehmet Gökhan Halıcı,
 Mehmet Candan & Vicent Calatayud 235
- A re-evaluation of the lignocellulolytic *Agaricomycetes* from the
 Brazilian semi-arid region E.R. Drechsler-Santos, T.B. Gibertoni,
 A. Góes-Neto & M.A.Q. Cavalcanti 242
- Microbotryum scorzonerae* (*Microbotryaceae*), new to China, on a new
 host plant Tiezhi Liu, Huimin Tian, Shuanghui He & Lin Guo 245

- Three new species of *Parmeliaceae* (*Ascomycota*) from Siberia
Tatyana N. Otnyukova, Nikolay V. Stepanov & John. A. Elix 249
- Revision of *Termitomyces* in China T.-Z. Wei, B.-H. Tang & Y.-J. Yao 257
- Guignardia aesculi* on species of *Aesculus*: new records from Europe
and Asia Katarína Pastirčáková, Martin Pastirčák,
Franci Celar & Hyeon-Dong Shin 287
- A lyophylloid *Entoloma* species (*Basidiomycota*, *Entolomataceae*)
from Italy Marco Contu, Giovanni Consiglio & Machiel Noordeloos 297
- Boreoplaca ultrafrigida* (*Umbilicariales*), the correct name for
Rhizoplacopsis weichingii Evgeny A. Davydov & Jiang-Chun Wei 301
- A new species of *Mycosphaerella* associated with foliage and stem
necrosis on *Phytolacca americanae* Brenda V. Lima,
Robert W. Barreto & Dartanha J. Soares 307
- Status of the genera *Hymenangium* and *Descomyces* Neale L. Bougher 313
- Checklist of the aphyllporaceous fungi (*Agaricomycetes*) of the
Brazilian Amazonia Allyne Christina Gomes-Silva &
Tatiana Baptista Gibertoni 319
- Calvatia oblongispora* sp. nov. from Brazil, with close affinities to
Calvatia sporocristata from Costa Rica V.L. Suárez, J.E. Wright† & F.D. Calonge 323
- Antrodia serialiformis* from the eastern USA, a new and abundant
polypore similar to *A. serialis* Jiří Kout & Josef Vlasák 329
- Leohumicola*, a genus new to China Juan Chen, Zhi-Xia Meng,
Xiao-Mei Chen, Ya-Li Lv, Fu-Sheng Zhang,
Xiang-Dong Li & Shung-Xing Guo 337
- Polycauliona maheui*, the basionym of *Rhizoplaca maheui* comb. nov.
Antonio Gómez Bolea & Mercedes Barbero Castro 341
- A new species of *Melanohalea* (*Parmeliaceae*) from the Tibetan Plateau
Zun-Tian Zhao, Fan-Ge Meng, Hong-Mei Li & Hai-Ying Wang 347
- Lepraria glaucosorediata* sp. nov. (*Stereocaulaceae*, lichenized *Ascomycota*)
and other interesting records of *Lepraria* Martin Kukwa & Adam Flakus 353
- Gasteroid mycobiota of Rio Grande do Sul, Brazil: *Tulostomataceae*
Vagner G. Cortez, Iuri G. Baseia & Rosa Mara B. Silveira 365
- The genera *Leucoagaricus* and *Leucocoprinus* (*Agaricales*, *Basidiomycota*)
in Kerala State, India T. K. Arun Kumar & P. Manimohan 385
- Marasmioid and gymnopoid fungi of the Republic of Korea. 1. Three
interesting species of *Crinipellis* (*Basidiomycota*, *Marasmiaceae*)
Vladimír Antonín, Rhim Ryoo & Hyeon-Dong Shin 429

A checklist of the Brazilian gasteroid fungi (<i>Basidiomycota</i>)	Larissa Trierweiler-Pereira & Iuri Goulart Basei	441
A new species of <i>Hohenbuehelia</i> from China	Yu Liu & Tolgor Bau	445
A new species of <i>Pyricularia</i> on <i>Commelina communis</i>	Mi-Jeong Park & Hyeon-Dong Shin	449
A new species of <i>Phallus</i> from Pakistan	G. Moreno, A.N. Khalid & P. Alvarado	457
Lichen species new to Turkey and Asia	Kenan Yazici & Ali Aslan	463
Taxonomic and phylogenetic revision of <i>Coniophora arachnoidea</i> , <i>C. opuntiae</i> , and <i>C. prasinoides</i>	M.N. Blanco, G. Moreno, J. Checa, G. Platas & F. Peláez	467
Two new species and a new Chinese record of <i>Exobasidium</i> (<i>Exobasidiales</i>)	Zhenying Li & Lin Guo	479
A new species of <i>Arachnopeziza</i> from Taiwan	Yei-Zeng Wang	485
Studies in lichen and lichenicolous fungi: more notes on taxa from North America	James C. Lendemer, Jana Kocourková & Kerry Knudsen	491
Two new xylariaceous species from Kenya	George K. Mugambi, Sabine M. Huhndorf & Jack D. Rogers	499
Proposals 048–051 to amend the International Code of Botanical Nomenclature	Scott A. Redhead, Paul M. Kirk, Patrick J. Keeling & Louis M. Weiss	505

INDICES & INFORMATION

Nomenclatural novelties proposed in volume 108	509
Author index	511
Reviewers	517
Errata	518
From the Editor	519
Submission procedures	520

PUBLICATION DATE FOR VOLUME ONE HUNDRED SEVEN

MYCOTAXON for JANUARY–MARCH, VOLUME 107 (1–546 + I–VI)

was issued on March 31, 2009

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

MYCOTAXON is a quarterly, peer-reviewed journal devoted to mycological taxonomy and nomenclature. All articles are reviewed by specialists prior to submission. Publication is open to everyone. Papers may be in English or in French. Summaries in those or any additional languages desired by the authors are given for longer articles. Printing is on high quality, acid-free book paper. Authors prepare their own *text-ready* files after having received critical comments from pre-submission reviewers and nomenclatural review by the Nomenclature Editor. *Instructions to Authors* and *Guidelines for Reviewers* are updated and can be downloaded from our website at <WWW.MYCOTAXON.COM/AUTHORS/DOWNLOADS.HTML>. Submission procedures are presented in the last pages of each volume.

SUBSCRIPTION INFORMATION

All subscriptions are on an annual basis, with four quarterly volumes each year. Personal subscriptions are available at a substantially reduced rate for those who agree not to deposit their copies in a library other than their personal one within 3 years of receipt. Address **all** orders to the **MYCOTAXON ORDER DEPARTMENT**, P.O. Box 264, Ithaca, NY 14851-0264 USA, or your agent. Prices and availability of back volumes are posted on-line at <WWW.MYCOTAXON.COM> or can be provided on request by Email from <SUBSCRIPTIONS@MYCOTAXON.COM>. Mycotaxon may be obtained on a journal-exchange basis. Proposals for such exchanges from journals, institutions, or individuals with difficulty in obtaining foreign currency should be addressed to <INFO@MYCOTAXON.COM>.

The annual subscription rates for 2009 (four volumes annually) are

	USA	CANADA/MEXICO (air assist)	FOREIGN (air assist)
REGULAR (multi-user)	\$330	\$345	\$370
PERSONAL (individual)	\$150	\$165	\$190

All back volumes [except volumes 22, 24, 34, 35, 41, 54, and 64, currently out of print] are available at \$35 each by surface mail, \$55 each by air mail. Volumes 1, 38, 39, 43 and 46 were reprinted in 2001; the original printing of volume 1, part 1 is provided, with parts 2 and 3 reprinted.

CUMULATIVE INDICES

Printed versions of the *Mycotaxon Cumulative Indices* for Volumes 1-20 (ISBN 0-930845-00-5), Volumes 21-40 (ISBN 0-930845-01-03), and Volumes 41-60 (ISBN 0-930845-07-02) are available (see descriptions at <WWW.MYCOTAXON.COM> and order there or through your local bookstore's listings under "Books in Print"). An online *Cumulative Index to Taxa in Volumes 61-ff.* and the *Cumulative Author Index to Volumes 61-ff.* are posted at <WWW.MYCOTAXON.COM>.

AVAILABILITY IN ELECTRONIC VERSIONS

Many back volumes are available as downloads through Cyberliber
<WWW.CYBERTRUFFLE.ORG.UK/CYBERLIBER/INDEX.HTM> under 'Journals.'

CONTACTING MYCOTAXON'S EDITOR-IN-CHIEF BY E-MAIL OR POST

To reach the *Editor-in-Chief* regarding manuscripts, E-mail to <EDITOR@MYCOTAXON.COM> or post to Lorelei L. Norvell, 6720 NW Skyline Boulevard, Portland, OR 97229-1309, USA

CONTACTING MYCOTAXON'S ORDER DEPARTMENT BY E-MAIL OR FAX

To reach the Order Department for information or placing orders, you may
E-mail to <SUBSCRIPTIONS@MYCOTAXON.COM> or
Fax to Orders, Mycotaxon, Ltd. at +1.607.273.4357.

VISIT MYCOTAXON ON THE WORLD WIDE WEB AT <WWW.MYCOTAXON.COM>