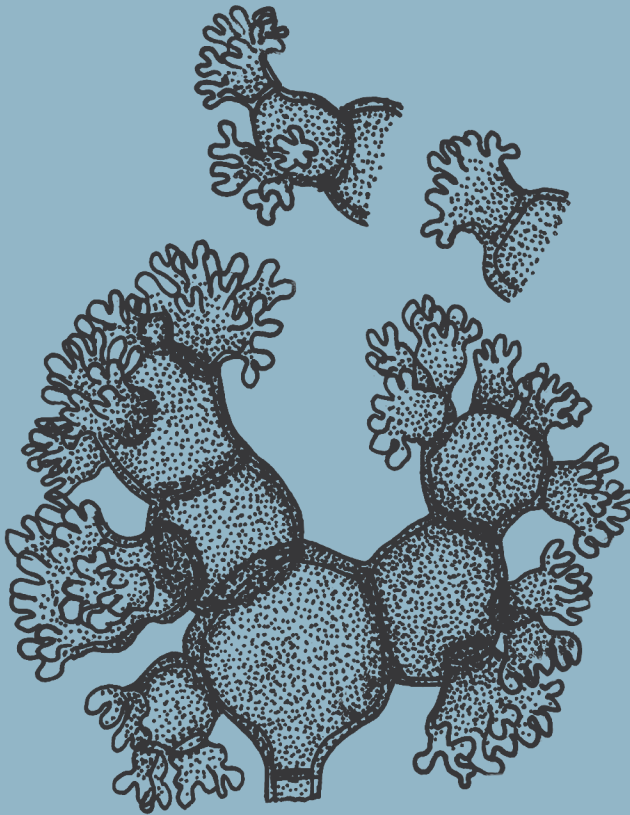


MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 109

JULY–SEPTEMBER 2009



Castañeda & al.

FIG 33. *Phaeocandelabrum joseiturriagae* sp. nov.
(p. 231)

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 109

JULY–SEPTEMBER, 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–VIII + 528 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 NINE — TABLE OF CONTENTS

Additions to the rust fungi of Fairy Meadows, the Northern areas of Pakistan	S.H. Iqbal, N.S. Afshan, A.N. Khalid, A.R. Niazi & A. Sultan	1
An anamorphic genus and species newly recorded from Turkey	Makbule Erdoğan & Elşad Hüseyin	9
<i>Asterostroma indicum</i> sp. nov.	A.B. De	15
Taxonomic notes on some powdery mildews from Inner Mongolia	Tiezhi Liu & Uwe Braun	21
Supplementary notes on <i>Basidiopycnis hyalina</i> (<i>Basidiomycota</i> , <i>Atractiellales</i>) and its anamorph	Roland Kirschner & Franz Oberwinkler	29
A new species of <i>Lylea</i> (hyphomycetes) on <i>Rhopalostylis</i> (<i>Areaceae</i>) in New Zealand	Eric H.C. McKenzie	39
Two new species of <i>Acanthothecis</i> (lichenized <i>Ascomycota</i>) from Brazil	Manuela Dal-Forno & Sionara Eliasaro	43
Four new species of <i>Punctelia</i> from São Paulo State, Brazil	Marcelo Pinto Marcelli, Patrícia Jungbluth & John A. Elix	49
A new species of <i>Selenosporella</i> and two microfungi recorded from a cloud forest in Mérida, Venezuela	Rafael F. Castañeda Ruíz, Balmore Guerrero, Giuseppe M. Adamo, Osmar Morillo, David W. Minter, Marc Stadler, Josepa Gené & Josep Guarro	63
Studies on the genus <i>Paecilomyces</i> in China. Application of the DELTA expert system on the entomopathogenic <i>Paecilomyces</i> sensu lato	Yanfeng Han, Yanwei Zhang, Jiandong Liang & Zongqi Liang	75
Taxonomic studies of <i>Corynespora</i> from Hainan, China	Kai Zhang, Hong-Bo Fu & Xiu-Guo Zhang	85
Taxonomic studies of <i>Minimelanolocus</i> from Yunnan, China	Kai Zhang, Hong-Bo Fu & Xiu-Guo Zhang	95
<i>Septobasidium maesae</i> sp. nov. (<i>Septobasidiaceae</i>) from China	Chunxia Lu & Lin Guo	103
Santa Catarina Island mangroves 4 – xylophilous basidiomycetes	Larissa Trierveiler-Pereira, Juliano Marcon Baltazar & Clarice Loguercio-Leite	107
How many species in the <i>Rhizopogon roseolus</i> group?	María P. Martín & Miguel A. García	111

- Dothiorella viticola* on *Populus cathayana* in China: a new record
 Rong Zhang, Xupeng Guo, Guangyu Sun,
 Ming Tang & Mark L. Gleason 129
- Additional lichen records from Giresun Province, Turkey
 Kadir Kinalıoğlu 137
- Corticoid fungi (*Basidiomycota*) from the Azores Islands: Flores and
 São Miguel
 M.T. Telleria, I. Melo, M. Dueñas, I. Salcedo,
 J. Cardoso, J.L. Rodríguez-Armas & E. Beltrán-Tejera 141
- Phyllactinia* and *Ovulariopsis* species on legumes
 Uwe Braun & María de Jesús Yáñez-Morales 145
- A survey of the corticoid fungi from the Biosphere Reserve of
 Las Batuecas-Sierra de Francia (Spain)
 Sergio Pérez Gorjón, Nils Hallenberg & Annarosa Bernicchia 161
- Umbilicaria isidiosa* (lichenized *Ascomycota*), a new species
 from Bolivia
 Beata Krzewicka & Karina Wilk 165
- Notes on the lichen genus *Bacidia* s.l. (lichenized *Ascomycota*) in the
 Cape Verde Islands and new lichen records for the archipelago
 Esteve Llop & Peter van den Boom 171
- Lichens from the Amasya, Çorum, and Tokat regions of Turkey
 Kadir Kinalıoğlu 181
- Mycena variicystis*, a new spinose species from Phru Toh Daeng
 Peat Swamp in Thailand
 Thitiya Boonpratuang 185
- Notes on *Tuber huidongense* (*Tuberaceae*, *Ascomycota*), an endemic
 species from China
 Xiao-Juan Deng, Juan Chen, Fu-Qiang Yu & Pei-Gui Liu 189
- Inocybe spuria*, a new species in section *Rimosae* from boreal
 coniferous forests
 Stig Jacobsson & Ellen Larsson 201
- New species and new reports of *Diorygma* (lichenized *Ascomycotina*,
Graphidaceae) from India
 Bharati Sharma & Urmila Makhija 209
- Exidia nigricans*: a new and legitimate name for *Exidia plana*
 Peter Roberts 219
- Phaeocandelabrum*, a new genus of anamorphic fungi to accommodate
Sopagraha elegans and two new species, *Ph. callisporum* and *Ph.*
joseiturriagae
 Rafael F. Castañeda Ruiz,
 Luis Fernando Pascholati Gusmão, Alisson C. Rodrigues da Cruz,
 Gabriela Heredia Abarca, Teresa Iturriaga, Josep Guarro,
 Masatoshi Saikawa, Marc Stadler & David W. Minter 221
- The genus *Sowerbyella* (*Pezizales*) in China
 Wen-Ying Zhuang 233
- Lichenochora atrans* (*Phyllachoraceae*), a new lichenicolous species
 on *Psora decipiens* from Turkey
 Mehmet Gökhan Halici, Kerry Knudsen & Mehmet Candan 239

- Three nomenclatural corrections for species of *Hypocrea/Trichoderma*
Andrew M. Minnis, Gary J. Samuels & Priscila Chaverri 245
- Arthrobotrys nonseptata*, a new anamorph from an *Orbilbia* species
**Shifu Li, Zefen Yu, Ying Zhang, Min Qiao,
 Jianwei Guo & Keqin Zhang** 247
- A white species of *Volvariella* (*Basidiomycota*, *Agaricales*) from southern
 China **Tai-Hui Li, Xiang-Lian Chen, Ya-Heng Shen & Ting Li** 255
- Three new species of *Monodictys* from soil
Yue-Ming Wu, Yue-Hua Geng & Tian-Yu Zhang 263
- Elaphomyces citrinus* and *Elaphomyces maculatus* in Sicily (Southern Italy)
Alessandro Saitta, Maria Letizia Gargano & Giuseppe Venturella 269
- Two setose anamorphic fungi: *Ampullicephala* gen. nov. and
Venustosynnema grandiae sp. nov. **Rafael F. Castañeda Ruiz,
 Luis Fernando Pascholati Gusmão, Venício Oliveira De Moraes Júnior,
 Sheila Miranda Leão-Ferreira, Masatoshi Saikawa,
 David W. Minter & Marc Stadler** 275
- A new species of *Bipolaris* from the halophyte *Sesuvium portulacastrum*
 in Guangdong Province, China **Jing Ze Zhang & Ming Jiang Li** 289
- Manoharachariella*, a new dematiaceous hyphomycetous genus
 from India **G. Bagyanarayana, N. Krishna Rao & I.K. Kunwar** 301
- Oxyporus piceicola* sp. nov. with a key to species of the genus in China
Bao-Kai Cui & Yu-Cheng Dai 307
- On the identity of Velenovský's *Cantharellus peltigerae*
**David L. Hawksworth, Victor J. Rico,
 José María Barrasa & Jana Kocourková** 315
- Ocellularia gyrostomoides* belongs to the genus *Schizoxylon* (*Stictidaceae*,
Ascomycota) **H. Thorsten Lumbsch & Khwanruan Papong** 319
- Roselliniella stereocaulorum* (*Sordariales*, *Ascomycota*), a new lichenicolous
 fungus from the Holarctic
Mikhail P. Zhurbenko, Martin Kukwa & Magdalena Oset 323
- Remarks on taxonomy and ecology of *Leucoagaricus ionidicolor* based
 on a find from Central Bohemia (Czech Republic) **Jan Holec** 329
- Hypotrachyna carchiensis*, a new species in the *Parmeliaceae* from Ecuador
Alba Yáñez-Ayabaca & Sionara Eliasaro 337
- Two new records of the genus *Laboulbenia* from China
Ya-Heng Shen, Dong-Mei Wang, Tai-Hui Li & Bin Song 341
- Ceratomyces hyalinus*, a new species from China
Ya-Heng Shen, Dong-Mei Wang, Tai-Hui Li & Bin Song 347
- The genus *Trochila* in Bulgaria
Dimitar Y. Stoykov & Boris Assyov 351

- Grammothele* species from southern Brazil
Mateus A. Reck & Rosa Mara Borges da Silveira 361
- A new subspecies of *Gyalidea asteriscus* from China
Jun Yang & Jiang-Chun Wei 373
- New species and new records of *Diorygma* (*Graphidaceae*) from India:
species with convergent exciples
Urmila Makhija, Gayatri Chitale & Bharati Sharma 379
- Two new lichenicolous species of *Dacampia* on *Teloschistaceae*
Mehmet Gökhan Halici, Javier Etayo & Mehmet Candan 393
- Taxonomic studies of *Helminthosporium* from China 4. Six new species
and a key to *Helminthosporium* from China
Meng Zhang & Tian-Yu Zhang 399
- Some pyrenomycetous fungi new to China
Larissa Vasilyeva, Yu Li & Steven Stephenson 415
- Rediscovery of *Trogia cyanea* and a record of *T. infundibuliformis*
(*Marasmiaceae*, *Agaricales*) from Kerala State, India
T.K. Arun Kumar & P. Manimohan 429
- Validation of *Moellerodiscus coprosmae* P.R. Johnston 437
- A checklist of the aphyllorphoroid fungi (*Basidiomycota*) recorded
from the Brazilian Atlantic Forest
Juliano Marcon Baltazar & Tatiana Baptista Gibertoni 439
- Ascription of poorly defined taxa to taxonomic entities using molecular
phylogenies: a case study on *Nodulisporium* sp. producers of
nodulisporic acid
G. Platas, V. González, J. Collado,
J. Martín, C. Montes & F. Peláez 443
- Two new species of *Stachybotrys* from soil
Yue-Ming Wu & Tian-Yu Zhang 461
- The aphyllorphorales (*Basidiomycota*) of a Mediterranean biodiversity
“hotspot” — “Cazorla, Segura & Las Villas” Natural Park (Spain)
Margarita Dueñas, M. Teresa Telleria & Ireneia Melo 465
- The North American *Leucopaxillus monticola* (*L. cerealis* complex)
newly recorded from Italy
Alfredo Vizzini & Marco Contu 469
- Two new species of *Septobasidium* (*Septobasidiaceae*) from China
Chungxia Lu & Lin Guo 477
- Racocetra intraornata*, a new species in the *Glomeromycetes* with a
unique spore wall structure
Bruno Tomio Goto, Leonor Costa Maia,
Gladstone Alves da Silva & Fritz Oehl 483
- Two new species of *Stemphylium* from Sinkiang, China
Yun-Fei Pei, Yun Geng, Yong Wang & Xiu-Guo Zhang 493

Glomus custos sp. nov., isolated from a naturally heavy metal-polluted
environment in southern Spain C. Cano, A. Bago & Y. Dalpé 499

INDICES & INFORMATION

Nomenclatural novelties proposed in volume 109	513
Author index	517
Reviewers	523
Errata	524
From the Editor	525
Submission procedures	526

PUBLICATION DATE FOR VOLUME ONE HUNDRED EIGHT
MYCOTAXON *for* APRIL–JUNE, VOLUME 108 (I–VI + 1–522)
was issued on June 16, 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>