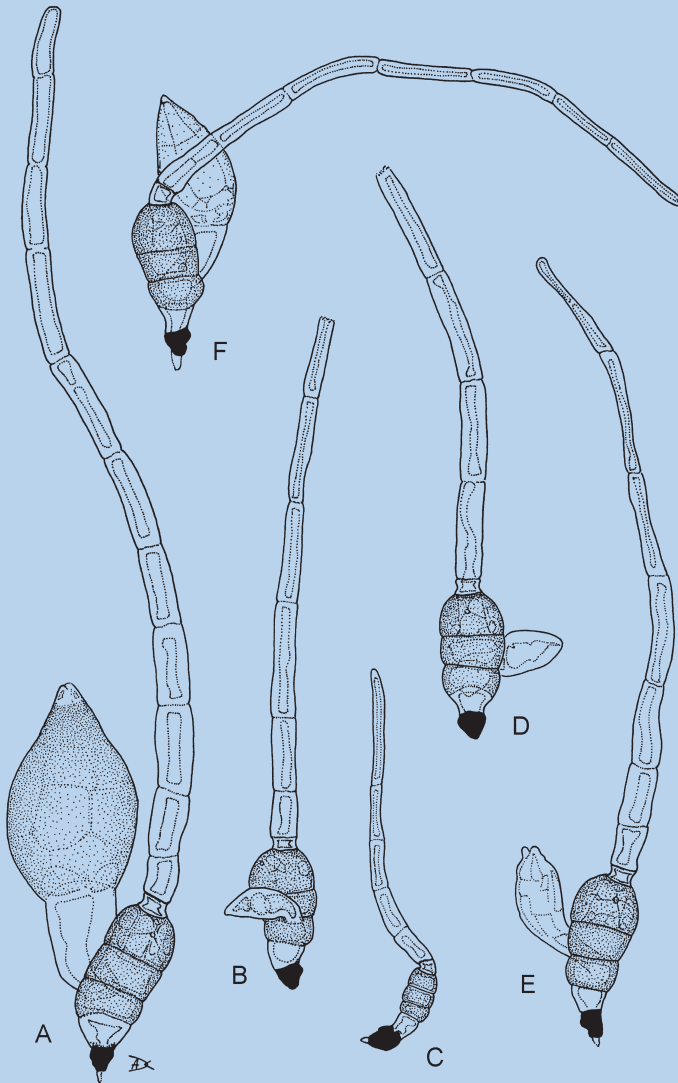


MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 123

JANUARY–MARCH 2013



Cantharomyces elongatus sp. nov.
(Haelewaters & De Kesel— PLATE 1, p. 459)
ANDRÉ DE KESSEL, artist

EDITORIAL ADVISORY BOARD

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

HENNING KNUDSEN (2008-2013), Past Chair
Copenhagen, Denmark

SCOTT A. REDHEAD (2010-2015)
Ottawa, Ontario, Canada

SABINE HUHDORF (2011-2016)
Chicago, Illinois, U.S.A.

PETER BUCHANAN (2011-2017)
Auckland, New Zealand

SEPPU HUHTINEN (2006-2012)
Turku, Finland

Published by

MYCOTAXON, LTD.

P.O. BOX 264, ITHACA, NY 14851-0264, USA

www.mycotaxon.com & www.ingentaconnect.com/content/mtax/mt

© MYCOTAXON, LTD, 2013

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 123

JANUARY–MARCH, 2013

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

ELSE C. VELLINGA

bookreviews@mycotaxon.com

861 Keeler Avenue

Berkeley CA 94708 U.S.A.

CONSISTING OF I–XII + 495 PAGES INCLUDING FIGURES

ISSN 0093-4666 (PRINT)

<http://dx.doi.org/10.5248/123.cvr>

ISSN 2154-8889 (ONLINE)

© 2013. MYCOTAXON, LTD.

MYCOTAXON

VOLUME ONE HUNDRED TWENTY-THREE — TABLE OF CONTENTS

COVER SECTION

<i>Errata</i>	viii
<i>Reviewers</i>	ix
<i>Submission procedures</i>	x
<i>From the Editor</i>	xi

RESEARCH ARTICLES

<i>Scleroderma suthepense</i> , a new ectomycorrhizal fungus from Thailand JATURONG KUMLA, NAKARIN SUWANNARACH, BOONSOM BUSSABAN & SAISAMORN LUMYONG	1
<i>Lichenochora tertia</i> : the third species of the genus growing on <i>Xanthoria elegans</i> JAVIER ETAYO, ADAM FLAKUS, MARTIN KUKWA & PAMELA RODRIGUEZ FLAKUS	9
<i>Inonotus tramisetifer</i> (<i>Agaricomycetes</i>), a new species from India HARPREET KAUR, AVNEET P. SINGH & G.S. DHINGRA	15
Three new species of <i>Hymenoscyphus</i> from tropical China HUAN-DI ZHENG & WEN-YING ZHUANG	19
<i>Gloeophyllum protractum</i> is synonymous with <i>G. mexicanum</i> JIŘÍ KOUT, JOSEF VLASÁK JR. & JOSEF VLASÁK	31
<i>Pseudofusicoccum adansoniae</i> isolated as an endophyte from <i>Jatropha podarica</i> : new record for India ROHIT SHARMA, GIRISH KULKARNI & YOGESH S. SHOUCHE	39
<i>Pestalotiopsis</i> species associated with <i>Camellia sinensis</i> (tea) SAJEewa S.N. MAHARACHCHIKUMBURA, EKACHAI CHUKEATIROTE, LIANG-DONG GUO, PEDRO W. CROUS, ERIC H.C. MCKENZIE & KEVIN D. HYDE	47
Critical revision of myxomycetes in the Buenos Aires BAFC herbarium — I GABRIEL MORENO, AURELIO CASTILLO & JORGE R. DESCHAMPS	63
New records of <i>Melampsora</i> species on willows in China PENG ZHAO, CHENG-MING TIAN, YI-JIAN YAO, ZHEN-SHI HOU, QI WANG, YUICHI YAMAOKA & MAKOTO KAKISHIMA	81
Eight new combinations and a replacement name in the genus <i>Hygrocybe</i> ALAN E. BESSETTE, ARLEEN R. BESSETTE, WILLIAM C. ROODY & WALTER E. STURGEON	91
<i>Tuber subglobosum</i> and <i>T. wenchuanense</i> — two new species with spino-reticulate ascospores LI FAN, JIN-ZHONG CAO & CHENG-LIN HOU	95

- Cordochaete* (*Agaricomycetes*), a new corticioid genus from India
S.K. SANYAL, SAMITA, G.S. DHINGRA & AVNEET P. SINGH 103
- New or rare fungi from eastern Amazonia. I.
Circinoconioopsis amazonica gen. et sp. nov. ANTONIO HERNÁNDEZ-GUTIÉRREZ 107
- Rediscovery of *Pseudocolus garciae* in southern Brazil
MARCELO A. SULZBACHER, VAGNER G. CORTEZ & IURI G. BASEIA 113
- Coccomyces pinicola* sp. nov. on *Pinus armandii* from China
RONG-HUA LEI, KUAN-YUE SUN, QIN ZHANG & CHENG-LIN HOU 121
- Sporormiella octomegaspora*, a new hairy species with eight-celled
ascospores from Spain FRANCESCO DOVERI & SABRINA SARROCCO 129
- Neolinocarpon attaleae* sp. nov. on *Attalea funifera* (*Arecaceae*)
from Brazil NADJA SANTOS VITORIA, MARIA A.Q. CAVALCANTI,
CRISTIANE DUARTE DOS SANTOS, JADERGUDSON PEREIRA & JOSE LUIZ BEZERRA 141
- Species of *Puccinia* (*Basidiomycota*; *Uredinales*) new to Indian subcontinent
(Northern Areas of Pakistan) M. SABA & A.N. KHALID 147
- New records of lichens from Chile XIN YU WANG, IRIS PEREIRA,
SOON-OK OH, LI SONG WANG & JAE-SEOUN HUR 157
- Endocarpon maritimum* sp. nov. (lichenized *Ascomycota*) from
the maritime region of South Korea YOGESH JOSHI & JAE-SEOUN HUR 163
- Two striking *Inocybe* species from Yunnan Province, China
YU-GUANG FAN & TOLGOR BAU 169
- Stipitate hydnums of the southern United States I:
Phelloodon mississippiensis sp. nov. RICHARD BAIRD,
LISA E. WALLACE, & GERALD BAKER 183
- Two new species of *Lignosus* (*Polyporaceae*) from Malaysia –
L. tigris and *L. cameronensis* CHON-SENG TAN, SZU-TING NG & JI TAN 193
- Pionnotes*, a synonym of *Dacrymyces* rather than *Fusarium*
KEITH A. SEIFERT 205
- A new species of *Stropharia* from Western Ghats, India
GUNASEKARAN SENTHILARASU & SANJAY K. SINGH 213
- Two new species of *Endophragmiella* from Spain
MARGARITA HERNÁNDEZ-RESTREPO,
JULIO MENA-PORTALES, JOSEP GUARRO & JOSEPA GENÉ 221
- Sporisorium linderi*, a new record for Asia
MUHAMMAD FIAZ, ABDUL NASIR KHALID & HABIB AHMAD 229
- New combinations, *Scheffersomyces amazonensis* and *S. ergatensis*
HECTOR URBINA & MEREDITH BLACKWELL 233
- Additional information on *Lecanora loekoesii* HAI-YING WANG,
AN-NA GE, HONG-MEI LI & ZUN-TIAN ZHAO 235

- Three new species and one new record of *Lobothallia* from China
XING-RAN KOU, SHU-XIA LI & QING REN 241
- A new halotolerant species of *Alternaria*
from Qinghai-Tibet Plateau, China FANG WANG, AN-NA LI,
DONG-MEI DAI, XIAO-XUE XU & DUO-CHUAN LI 251
- Additions to the smut fungi of Pakistan. 2
CVETOMIR M. DENCHEV, MUHAMMAD FIAZ,
TEODOR T. DENCHEV, HABIB AHMAD & ABDUL NASIR KHALID 255
- Yunchangia*, a new genus of smut fungi (*Ustilaginaceae*)
from China LIN GUO & BIAO XU 261
- Peltaster fructicola*, a newly recorded species from China
associated with sooty blotch and flyspeck CHEN CHEN, LIU GAO,
MEIYAN QU, XIAOYONG WEI, WENHUAN LI,
RONG ZHANG, GUANGYU SUN & MARK L. GLEASON 265
- A new greenish gilled species of *Marasmius* (*Agaricales*)
from Hainan Island, China YI-HUA YANG, CHUN-YING DENG & TAI-HUI LI 271
- A new species and new record of *Chloridium* from the
Qinghai-Tibet Plateau Area, China YUE-MING WU & TIAN-YU ZHANG 277
- A new species of *Heliocephala* from Vietnam
VADIM A. MEL'NIK, RAFAEL F. CASTAÑEDA-RUIZ & MILAGRO GRANADOS 281
- Lecanora gansuensis* sp. nov. (*subfusca* group) from China
LEI LÜ, QIANG REN, DAI-FENG JIANG, HAI-YING WANG & ZUN-TIAN ZHAO 285
- A new species of *Gautieria* from China TOLGOR BAU & YU LIU 289
- Typification of *Tuber formosanum*
(*Tuberaceae*, *Pezizales*, *Ascomycota*) from Taiwan, China
PENG QIAO, PEI-GUI LIU, HUNG TAO HU & YUN WANG 293
- Three new *Inocephalus* species with cuboid basidiospores
from New South Wales and Queensland, Australia
DAVID L. LARGENT, SARAH E. BERGEMANN, SANDRA E. ABELL-DAVIS,
KERRI L. KLUTING & GRIFFIN A. CUMMINGS 301
- New *Lecanora*, *Lecidea*, *Melaspilea*, *Placynthium*, and *Verrucaria*
records for Turkey and Asia ALI ASLAN & KENAN YAZICI 321
- Ophiodothella angustissima* comb. nov., a new name for
Acervicylpeatus poriformans and *O. vaccinii*
RICHARD T. HANLIN & MARÍA C. GONZÁLEZ 327
- The genus *Wrightoporia* in Korea YEONGSEON JANG, SUNG WOOK LEE,
YOUNG WOON LIM, JIN SUNG LEE, TSUTOMU HATTORI & JAE-JIN KIM 335
- Three new cercosporoid fungi from the Brazilian Atlantic forest
ANDRÉ L. FIRMINO, DANILO B. PINHO & OLINTO L. PEREIRA 343

- A new species of *Entocybe* (*Entolomataceae*, *Agaricomycetes*)
 from Québec, Canada TIMOTHY J. BARONI & YVES LAMOUREUX 353
- A new species of *Miriiquidica* from China
 XIN ZHAO, LU-LU ZHANG & ZUN-TIAN ZHAO 363
- Lenzitopsis oxycedri* (*Thelephoraceae*, *Basidiomycota*)
 newly recorded for the Balkan Peninsula
 MITKO KARADELEV, KATERINA RUSEVSKA & OLIVER AVRAMOVSKI 369
- Cortinarius* of California: eight new species in subg. *Telamonia*
 DIMITAR BOJANTCHEV 375
- Acaulospora endographis* (*Glomeromycetes*), a new fungus
 with a complex spore wall BRUNO T. GOTO,
 CAMILLA M.R. PEREIRA, CAMILA P. NOBRE, NATALIA P. ZATORRE,
 FERNANDA COVACEVICH, RICARDO L.L. BERBARA & LEONOR C. MAIA 403
- Basidiospore ultrastructure of some *Dacrymycetales* from Mexico
 SIGFRIDO SIERRA, JOAQUÍN CIFUENTES,
 OLGA M. ECHEVERRÍA-MARTÍNEZ & SANDRA CASTRO-SANTIUSTE 409
- Studies of two Corner types (*Marasmius nigroimplicatus* and
M. subrigidichorda) and new *Gymnopus* combinations
 ZDENKO TKALČEC & ARMIN MEŠIĆ 419
- An emendation of *Fusticeps* and two new species from
 the Brazilian Amazon Forest
 JOSIANE SANTANA MONTEIRO & LUÍS FERNANDO PASCHOLATI GUSMÃO 431
- Two *Ropalospora* lichens new to mainland China
 LING HU, HAI-YING WANG^{*}, JING LIU & ZUN-TIAN ZHAO 439
- South Florida microfungi: a new species of *Ellisembia* (hyphomycetes)
 with new records from the U.S.A. GREGORIO DELGADO 445
- Aureoboletus zangii* (*Boletaceae*), a new species from China
 XIAO-FEI SHI & PEI-GUI LIU 451
- Molecular characterization of *Colletotrichum* species causing
 soybean anthracnose in Argentina ARACELI M. RAMOS,
 LUIS FRANCO TADIC, ISABEL CINTO, MARCELO CARMONA & MARCELA GALLY 457
- A new species of *Cantharomyces* (*Laboulbeniales*, *Ascomycota*)
 from the Netherlands D. HAELEWATERS & A. DE KESEL 467
- Lyophyllum rhombisporum* sp. nov. from China XIAO-QING WANG,
 DE-QUN ZHOU, YONG-CHANG ZHAO,
 XIAO-LEI ZHANG, LIN LI & SHU-HONG LI 473
- New records of corticolous lichens from Vietnam SANTOSH JOSHI,
 THI THUY NGUYEN, NGUYEN ANH DZUNG,
 UDENI JAYALAL, SOON-OK OH & JAE-SEOUN HUR 479

NEW MYCOBIOTAS ONLINE (abstracts)

Gasteroid mycobiota (*Basidiomycota*) from *Polylepis australis*
woodlands of central Argentina

MARÍA L. HERNÁNDEZ-CAFFOT, GERARDO ROBLEDO & LAURA S. DOMÍNGUEZ 491

Checklist of the Argentinean *Agaricales* 6. *Paxillaceae*,

Gomphidiaceae, *Boletaceae* and *Russulaceae* N. NIVEIRO & E. ALBERTÓ 491

New lichen records from Armenia ARSEN GASPARYAN & HARRIE J. M. SIPMAN 491

Corticoid fungi from arid and semiarid zones of the Canary Islands (Spain)

ESPERANZA BELTRÁN-TEJERA, J. LAURA RODRÍGUEZ-ARMAS,
M. TERESA TELLERÍA, MARGARITA DUEÑAS, IRENEIA MELO,
M. JONATHAN DÍAZ-ARMAS, ISABEL SALCEDO & JOSÉ CARDOSO 492

The lichen biota of İğdir province (Turkey)

KENAN YAZICI, ANDRE APTROOT & ALI ASLAN 492

NOMENCLATURE

Nomenclatural novelties proposed in volume 123 493

PUBLICATION DATE FOR VOLUME ONE HUNDRED TWENTY-TWO

MYCOTAXON for OCTOBER–DECEMBER, VOLUME 122 (I–XII + 1–494)

was issued on March 4, 2013

ERRATA FROM VOLUME 122

p.81, line 4

FOR: (No. U0836604) READ: (No. U1202262)

p.416, line 4 in FIG.

FOR: *Cantharellus atratus* (AB445115)

READ: *Craterellus atratus* (AB445115)

REVIEWERS — VOLUME ONE HUNDRED TWENTY-THREE

The Editors express their appreciation to the following individuals who have, prior to acceptance for publication, reviewed one or more of the papers prepared for this volume.

N.S. Afshan	Makoto Kakishima	Donald H. Pfister
Artur Alves	Bryce Kendrick	Michele D. Piercey-
Vladimír Antonín	Roland Kirschner	Normore
André Aptroot	Kerry Knudsen	Christian Printzen
Timothy J. Baroni	S.Y. Kondratyuk	Scott A. Redhead
Ann Bell	Heikki Kotiranta	Scott C. Redlin
Shannon M. Berch	Cletus P. Kurtzman	Erlei Melo Reis
David Boertmann	David L. Largent	M.J. Richardson
Uwe Braun	De-Wei Li	Amy Y. Rossman
Irwin M. Brodo	Tai-Hui Li	Leif Ryvarden
Rafael F. Castañeda Ruiz	Ying-Ren Lin	Sergi Santamaria
Chee-Jen Chen	Marcos Lizárraga Escobar	Mark Seaward
Vagner G. Cortez	László Lőkös	B.M. Sharma
Yu-Cheng Dai	Sandra Lupo	Roger Shivas
Cony Decock	Eric H.C. McKenzie	Rosa Mara Borges da
Cvetomir M. Denchev	James Mehl	Silveira
Hasan Hüseyin Doğan	Vadim A. Mel'nik	H.J.M. Sipman
Eduardo Furrázola	D.W. Minter	Matthew E. Smith
Walter Gams	P. Brandon Matheny	Dartanha J. Soares
Genevieve Gates	Helmut Mayrhofer	Viacheslav Spirin
Matteo Gelardi	D.W. Mitchell	Marc Stadler
Admir Jose Giachini	Karen K. Nakasone	Steven L. Stephenson
Paolo Giordani	Pere Navarro-Rosinés	Larissa Trierveiler Pereira
Tom Gräfenhan	Nhu H. Nguyen	Steven A. Trudell
Cecile Gueidan	Machiel E. Noordeloos	D.K. Upreti
Lin Guo	Lorelei L. Norvell	Jukka Vauras
Shouyu Guo	Eduardo Nouhra	Else C. Vellinga
Ying-Lan Guo	Jadson J.S. Oliveira	Yei-Zeng Wang
Gastón Guzmán	Yuko Ota	Yong Wang
Ian R. Hall	Clark Ovrebo	Yun Wang
Nils Hallenberg	Khwanruan Papong	Zhu L. Yang
Roy E. Halling	Omar Paino Perdomo	Ming Ye
Tsuyoshi Hosoya	Ming Pei	Zhongyi Zhang
Fabien C.C. Hountondji	Shaun R. Pennycook	Rui-Lin Zhao
Sabine Huhndorf	Ronald H. Petersen	Wen-Ying Zhuang
T.A.M. Jagadeesh Ram	Olinto Liparini Pereira	

FOUR STEPS TO SUCCESSFUL MYCOTAXON PUBLICATION IN 2013

Prospective MYCOTAXON authors should download instructions PDF, review and submission forms, and other helpful templates by clicking the 'file download page' link on our INSTRUCTIONS TO AUTHORS page before preparing their manuscript. Below is a summary of our '4-step' publication process.

1—PEER REVIEW: Email formatted text and illustration files with a 2013 MYCOTAXON Reviewer Comments Form to 2–3 experts for peer review. Authors should (i) ask peer reviewers to return revisions and comment forms to BOTH authors and *Editor-in-Chief* <editor@mycotaxon.com> and (ii) follow reviewer suggestions **before** sending revised files to the *Nomenclature Editor* for nomenclatural review.

2—NOMENCLATURE REVIEW: Email text files (WITH tables & captions but **NO** artwork) to the *Nomenclature Editor* <PennycookS@LandcareResearch.co.nz> for accession and pre-submission review. The Email message **MUST** include 'MYCOTAXON' on the subject line **AND** all peer reviewer names+Email addresses in the message. The *Nomenclature Editor* will assign accession numbers and return annotated files with a list of needed corrections to the authors and *Editor-in-Chief*.

3—FINAL SUBMISSION: After consulting experts and revising manuscripts as needed, send the (i) completed 2013 MYCOTAXON submission form; (ii) separate text files for main text, tables, and legends; and (iii) art files to the *Editor-in-Chief* <editor@mycotaxon.com>. Only text and image files prepared for immediate publication should be sent at this time. The *Editor-in-Chief* usually acknowledges manuscripts and thanks expert reviewers within two weeks, but please wait at least 14 days before sending a follow-up query (without attachments); this helps us keep Email traffic to a minimum during MYCOTAXON publication deadlines or temporary closures of the editorial office.

4—FINAL EDITORIAL REVIEW & PRESS PREPARATION: Files not ready for publication will be rejected or returned to authors for further revision; the *Editor-in-Chief* gives tentatively approved manuscripts a final grammatical and scientific review before converting all files into publishable format. The PDF proof, bibliographic citation, and nomenclatural entries are sent to all coauthors for final inspection prior to publication. After PDF conversion, the *Editor-in-Chief* corrects **ONLY** processing or editorial errors prior to publication but will list corrections of author errors in the ERRATA of a subsequent volume for no charge. Authors are expected to arrange payment of page charges and optional open access fees with the *Business Manager* <subscriptions@mycotaxon.com> at this time.

MYCOTAXON LTD— www.mycotaxon.com

The MYCOTAXON *Webmaster* <mycotaxon@gmail.com> posts general and subscription information, important announcements, and author forms and templates on the official MYCOTAXON site. The server also hosts the regional mycobiota webpage for free download of distributional annotated species lists.

MYCOTAXON ONLINE— www.ingentaconnect.com/content/mtax/mt

MYCOTAXON publishes four 500-page volumes a year. Both open access and subscription articles are offered.

FROM THE EDITOR-IN-CHIEF

FINALLY! — Despite our valiant efforts to bring MYCOTAXON 123 to publication in April as promised, medical science prevented our completing this volume as rapidly as we had hoped. Our apologies to a very patient 203 authors (representing 32 countries!) and 106 expert reviewers – not to mention what we hope are equally patient subscribers.

Within the pages of the delayed 2013 January–March volume are three new genera (*Circinoconiopsis* from Brazil, *Cordochaete* from India, *Yunchangia* from China) and 57 species new to science representing *Acaulospora*, *Fusticeps*, *Neolinocarpon*, *Passalora*, and *Pseudocercospora* from Brazil; *Alternaria*, *Aureoboletus*, *Chloridium*, *Coccomyces*, *Gautieria*, *Hymenoscyphus*, *Inocybe*, *Lecanora*, *Lobothallia*, *Lyophyllum*, *Marasmius*, *Miriquidica*, and *Tuber* from China; *Cantharomyces* from the Netherlands; *Cortinarius*, *Ellisemia*, and *Phellodon* from the U.S.A.; *Endocarpon* from Korea; *Endophragmiella* and *Sporormiella* from Spain; *Entocybe* from Canada; *Heliocephala* from Vietnam; *Inocephalus* from Australia; *Inonotus* and *Stropharia* from India; *Lichenochora* from Peru; *Lignosus* from Malaysia; and *Pestalotiopsis* and *Scleroderma* from Thailand.

In addition to range extensions and/or new hosts for previously named taxa, we also offer new combinations in *Gymnopus*, *Hygrocybe*, *Ophiodothella*, and *Scheffersomyces*, newly established synonymies, and conclusions from recent ultrastructural (*Dacrymycetales*) and molecular (*Collectotrichum*) studies.

ANNUAL PLEA FROM YOUR OVER-WORKED EDITORS — There is too little of us to go around! In this age of instant communication, overly enthusiastic writers need to re-read their manuscripts for mistakes, confusion, mangled syntax, and errors. Your editors spend a minimum of four to five hours per manuscript checking nomenclature, science, formatting, and grammar, so it is not unreasonable to ask our contributors to spend more time writing, formatting, and reading each manuscript before submission. Extra lines should not appear between text. Initial tab sets should NEVER be used. All hyperlinks MUST be made inactive (NEVER copy and paste text from the Internet!). But most importantly, please consult a native English-speaker to ensure that the text makes sense. Finally, we ask EVERY co-author to read the text at least ten times BEFORE first submission.

This will not only help keep us on schedule, the editors will be much, much happier and tranquil. Who knows – with your help, we might even be able to publish all four volumes BEFORE the end of this year!

Warm regards,

Lorelei Norvell (*Editor-in-Chief*)

24 July 2013

bad taxonomy



can KILL