

Subcommissions Working Groups and Protected Lists

Keith. A. Seifert, Chair, ICTF

Agriculture & Agri-Food Canada, Ottawa ON

Andrew N. Miller, Secretary, ICTF

Illinois Natural History Survey, Champaign IL



International Commission on taxonomy of Fungi
www.fungaltaxonomy.org



Previous stops...

- 4th International Barcode of Life Conference, Adelaide, Australia, Dec. 2011
- One Fungus : Which Name Symposium, Amsterdam, the Netherlands, April 2012
- Great Lakes – St. Lawrence Mycology Workshop, April 2012
- Mycological Society of Japan Annual Meeting, Gifu University, May 2012



International Commission for the Taxonomy of Fungi

A Commission of the International Mycological Association (IMA) and the International Union of Microbiological Sciences (IUMS)

- Keith Seifert (Canada), Chair
- Andrew Miller (USA), Secretary
- Cathie Aime (USA)
- Takayuki Aoki (Japan)
- Gaddam Bagyanarayana (India)
- Priscila Chaverri (USA)
- Pedro Crous (Netherlands)
- José Carmine Dianese (Brazil)
- Irina Druzhinina (Austria;
Trichoderma SC)
- David Geiser (USA; *Fusarium* SC)
- David Hawksworth (Spain, UK)
- Peter Johnston (New Zealand)
- Tom May (Australia)
- Scott Redhead (Canada)
- Amy Rossman (USA)
- Robert Samson (Netherlands;
Penicillium/Aspergillus C (ICPA),
Sec. Gen. IUMS)
- Conrad Schoch (USA)
- Marco Thines (Germany)
- Ning Zhang (USA)



International Subcommittee on *Colletotrichum* Taxonomy

- **Lei Cai**, CAS, China (*chair*)
- **Bevan Weir**, Landcare, New Zealand
- **Paul Cannon**, CABI, UK
- **Jim Correll**, University of Arkansas, USA
- **Jo Anne Crouch**, USDA, USA
- **Pedro Crous**, CBS, the Netherlands
- **Ulrike Damm**, CBS, the Netherlands
- **Peter R. Johnston**, Landcare, New Zealand
- **Kevin D Hyde**, Chiang Rai, Thailand
- **Zuoyi Liu**, Guizhou, China
- **Stephen Rehner**, USDA, USA
- **Toyozo Sato**, National Institute of Agrobiological Sciences, Japan
- **Belle D Shenoy**, India
- **Roger Shivas**, DEEDI, Australia



International Subcommittee on *Fusarium* Taxonomy

shared with International Society for Plant Pathology

- **David M. Geiser** (*chair*), USA
- **Takayuki Aoki**, Japan
- **Lester W. Burgess**, Australia
- **Sofia Chulze**, Argentina
- **John F. Leslie**, USA
- **Antonio Logrieco**, Italy
- **Kerry O'Donnell**, USA
- **Emma Steenkamp**, South Africa
- **Brett A. Summerell**, Australia
- **Ulf Thrane**, Denmark
- **Cees Waalwijk**, the Netherlands



International Commission on taxonomy of Fungi
www.fungaltaxonomy.org



International Subcommittee on Rust Taxonomy

- **Mary Catherine Aime** (chair), Louisiana State Univ. Agric. Center, USA
- **Stephan Helfer**, The Royal Botanic Garden Edinburgh, UK
- **José Carmine Dianese**, Universidade de Brasilia, Brazil
- **Yoshitaka Ono**, Ibaraki University, Japan
- **Markus Scholler**, Staatliches Museum f. Naturkunde, Germany
- **Reinhard Berndt**, Geobotanisches Institut, Switzerland
- **Mehrdad Abbasi**, Plant Pests and Diseases Research Institute, Iran
- **Drew Minnis**, U.S. Forest Service, USA
- **Gaddam Bagyanarayana**, Osmania University, India
- **Cvetomir Denchev**, Inst. Biodiversity and Ecosystem Research, Bulgaria
- **Richard Hamelin**, University of British Columbia, Canada



International Subcommission on *Trichoderma* and *Hypocrea* (ISTH)

- **Irina Druzhinina** (*chair*), Vienna University of Technology, Austria
- **John Bissett**, Agriculture & Agri-Food Canada, Ottawa, Canada
- **Priscila Chaverri**, University of Maryland, USA
- **Zafari Doustmorad**, Bu Ali Sina University, Iran
- **Walter Gams**, Baarn, The Netherlands
- **Alfredo Herrera-Estrella**, CINVESTAV, Mexico
- **Christian Kubicek**, Vienna University of Technology, Austria
- **Mette Lübeck**, Aalborg University, Denmark
- **Matteo Lorito**, University of Napoli, Italy
- **Enrique Monte**, University of Salamanca, Spain
- **Liu Pei-Gui**, Chinese Academy of Sciences, China
- **Gary Samuels**, USDA, ARS, Beltsville, USA
- **George Szakacs**, Budapest Univ. Technology and Economics, Hungary
- **Ulf Thrane**, Technical University of Denmark, Denmark
- **Giovanni Vannacci**, University of Pisa, Italy
- **Xu Tong**, Zhejiang University, China



www.isth.info

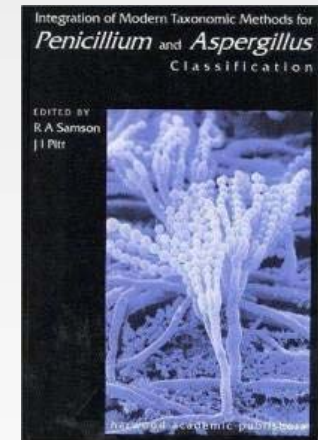


International Commission on taxonomy of Fungi
www.fungaltaxonomy.org

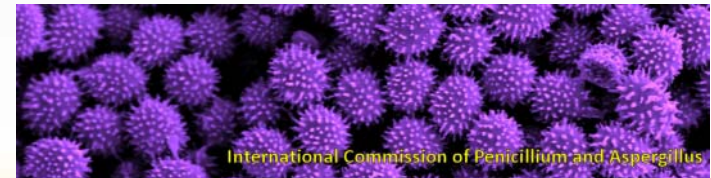


IUMS International Commission on *Penicillium* and *Aspergillus* (ICPA)

- **Rob Samson** (*chair*), CBS, the Netherlands
- **Jens Frisvad**, Technical University of Denmark, Denmark
- **S. Boem Hong**, Korean Agricultural Culture Collection, Korea
- **Jos Houbraken**, CBS, the Netherlands
- **Corné Klaasen**, Canisius Wilhelmina Hospital, the Netherlands
- **Giancarlo Perrone**, Inst. of Science and Food Production, Italy
- **Steve Peterson**, USDA ARS, Peoria, IL, USA
- **John Pitt**, CSIRO, Australia
- **Keith Seifert**, Agriculture & Agri-Food Canada
- **Janos Varga**, University of Szeged, Hungary
- **Takashi Yaguchi**, Chiba University, Japan



www.aspergilluspenicillium.org



International Commission on taxonomy of Fungi
www.fungaltaxonomy.org



IUMS International Commission on Yeasts Committee on Yeast Systematics and Nomenclature

Workshop: Yeast Systematics & Classification, Aug. 25, 2012, Madison, Wisconsin

- **Clete Kurtzman** (*Co-chair*), USDA ARS, Peoria, USA
- **Jack Fell** (*Co-chair*), University of Miami, Florida, USA
- **Feng-Yan Bai**, Chinese Academy of Sciences, Beijing
- **Dominik Begerow**, Ruhr-Universität Bochum, Germany
- **Marizeth Groenewald**, CBS, the Netherlands
- **Teun Boekhout**, CBS, the Netherlands
- **Heide-Marie Daniel**, Université catholique de Louvain, Belgium
- **André Lachance**, University of Western Ontario, Canada
- **Diego Libkind**, CONICET, Argentina
- **Gabor Peter**, Corvinus University of Budapest, Hungary
- **Scott Redhead** (systematics advisor), Agriculture & Agri-Food Canada, Ottawa
- **Masako Takashima**, Japan Collection of Microorganisms



NCF/ICTF Nomenclatural Working Groups (under construction)

- **Homobasidiomycetes Working Group**
 - Scott Redhead (*convener*), Canada
- **Dothideomycetes Working Group**
 - Pedro Crous (*co-convener*), CBS, the Netherlands
 - Kevin D. Hyde (*co-convener*), Thailand
- **Oomycete Working Group**
 - André Lévesque (*convener*), Agriculture & Agri-Food Canada, Ottawa



***Agaricomycetes* Working Group**

(based on Amsterdam discussion group)

- **Scott Redhead** (*convener*), Agriculture & Agri-Food Canada, Ottawa
- **Benjamin Stielow**, CBS, the Netherlands
- **Karl-Henrik Larsson**, Natural History Museum, Oslo, Norway
- **Nico Dam**, the Netherlands
- **Bernard Moyersoen**, University of Aberdeen, Scotland
- **Manon Neilen**, the Netherlands
- **Luis Morgado**, Portugal
- **Ludmila Marvanová**, Masaryk University, Czech Republic
- **Lorelei Norvell**, Pacific Northwest Mycology Service, USA
- **Joost Stalpers**, CBS, the Netherlands
- **Ursula Eberhardt**, ex-CBS, the Netherlands



International Commission on taxonomy of Fungi
www.fungaltaxonomy.org



Heterobasidiomycetes Working Group

(based on Amsterdam discussion group)

- **Dominik Begerow** (*convener*), Ruhr-Universität Bochum, Germany
- **Mary Catherine Aime**, Louisiana State Univ. Agric. Center, USA
- **David McLaughlin**, University of Minnesota, USA
- **Stephan Helfer**, Royal Botanic Garden, Edinburgh, UK
- **Qi-Ming Wang**, Chinese Academy of Sciences, China
- **Angela Schäfer**, Ruhr-Universität Bochum, Germany
- **Hai Nguyen**, Agriculture & Agri-Food Canada, Ottawa
- **Andrey Yurkov**, Ruhr-Universität Bochum, Germany
- **Maj Padamsee**, Landcare Research, New Zealand



Hypocreales Working Group

- **Amy Rossman** (*Co-convener*), USDA-ARS, USA
- **Priscila Chaverri** (*Co-convener*), University of Maryland, USA
- **Pedro Crous**, CBS, the Netherlands
- **Walter Gams**, Baarn, the Netherlands
- **Tom Graefenhan**, Canadian Grain Commission, Winnipeg
- **Cesar Herrera**, University of Maryland, USA
- **Yuuri Hirooka**, Forestry & Forest Products Research Institute, Japan
- **Walter Jaklitsch**, University of Vienna, Austria
- **Caroline Judith**, USDA ARS, USA
- **Lorenzo Lombard**, CBS, the Netherlands
- **Rosalind Lowen**, Lincoln, NH, USA
- **Kadri Põldmaa**, University of Tartu, Estonia
- **Catalina Salgado**, University of Maryland, USA
- **Gary Samuels**, USDA ARS, USA
- **Hans-Josef Schroers**, Agricultural Institute of Slovenia
- **Keith Seifert**, Agriculture & Agri-Food Canada, Ottawa
- **Richard Summerbell**, Sporometrics, Canada
- **Wen-ying Zhuang**, Chinese Academy of Sciences, Beijing



Cordyceps Working Group

- **Joey Spatafora** (*convener*), Oregon State University, USA
- **Alisha Owensby**, Oregon State University, USA
- **Ban Sayaka**, National Institute of Technology and Evaluation, Japan
- **Bhushan Shrestha**, National Inst. Horticultural & Herbal Science, South Korea
- **David Hughes**, Pennsylvania State University, USA
- **Gi-Ho Sung**, ATCC, USA
- **Jae-Mo Sung**, Kangwon National University, South Korea
- **Janet Jennifer Luangsa-ard**, BIOTEC, Thailand
- **João Paulo Machado de Araújo**, Brazil
- **Walter Gams**, Baarn, the Netherlands
- **Mingjun Chen**, Oregon State University, USA
- **Nigel Hywel-Jones**, Bhutan Pharmaceuticals
- **Priscila Chaverri**, University of Maryland, USA
- **Richard Humber**, USDA ARS, Ithaca, USA
- **Ryan Kepler**, USDA ARS, Beltsville, USA
- **Stephen Rehner**, USDA ARS, Beltsville, USA
- **Tatiana Sanjuan**, Oregon State University, USA
- **Tsuyoshi Hosoya**, National Museum of Nature and Science, Japan
- **Y.-J. Yao**, Chinese Academy of Sciences, China
- **Zengzhi Li**, Anhui Agricultural University, China
- **Harry Evans**, CABI, United Kingdom



Leotiomyces Working Group

- **Peter Johnston** (*convener*), Landcare Research, New Zealand
 - **Hans-Otto Baral**, Tübingen, Germany
 - **Richard P. Korf**, Cornell University, USA
 - **Keith A. Seifert**, Agriculture and Agri-Food Canada, Ottawa
 - **Linda M. Kohn**, University of Toronto Mississauga, Canada
 - **Wen-ying Zhuang**, Chinese Academy of Sciences, Beijing
 - **Tsyuoshi Hosoya**, National Museum of Nature and Science, Japan
 - **Jeff Stone**, Oregon State University, USA
 - **Ludmila Marvanová**, Masaryk University, Czech Republic
- Note: An additional group on the *Orbiliomyces* may be formed.



Medical Mycology Working Group

affiliated with ISHAM

- **Sybre de Hoog** (*chair*), CBS, the Netherlands
- **Gerhard Haase**, University Hospital RWTH, Aachen, Germany
- **Michaela Lackner**, Innsbruck Medical University, Austria
- **Vishnu Chaturvedi**, Wadsworth Center, Albany, USA
- **Wieland Meyer**, University of Sydney, Australia
- **Tom Walsh**, Weill Cornell University Medical Center, USA



International Commission on taxonomy of Fungi
www.fungaltaxonomy.org



Oomycete Working Group

- **André Lévesque** (*convener*), Agriculture & Agri-Food Canada
- **Marco Thines**, Goethe-Universität Frankfurt am Main, Germany
- **Niklaus Grunwald**, USDA ARS, Corvallis, USA
- **Frank Martin**, USDA ARS, Salinas, USA
- **Michael Coffey**, University of California Riverside, USA
- **Michael Stanghellini**, University of California Riverside, USA
- **Timothy Paulitz**, Washington State University, USA
- **Gordon W. Beakes**, Newcastle University, UK
- **Yilmaz Balci**, University of Maryland, USA
- **Seogchan Kang**, Pennsylvania State University, USA
- **Gloria Abad**, USDA APHIS, Beltsville, USA
- **Arthur de Cock**, CBS, the Netherlands





Possible Working Group Products

- **Publications**

1. Arguments for selections of generic names
2. New combinations to provide suite of species names under selected generic name
3. Complete nomenclator for a genus or other taxon
4. Recommended taxonomic system for a genus or taxon
5. Clarification of typification of genera or species

- **For the NCF**

- Consensus documents**

1. Proposed protected genus names for a family, or other taxonomic group
2. A list of protected genus and species names for a family, or other taxonomic group
3. A list of rejected genus or species names for a family, or other taxonomic group

Eventually to be added as Appendices to the Code when approved by General Committee





www.imafungus.org

Next stop:

State Key Laboratory of Mycology
Mycological Society of China symposium
NEW ERA OF FUNGAL NOMENCLATURE

Beijing, China, Aug. 9-10, 2012



International Commission on taxonomy of Fungi
www.fungaltaxonomy.org

