

# Nomenclature Committee

Melanie Schori, Incoming Chair &  
John Wiersema, Outgoing Chair



# Membership

- Incoming Chair: Melanie Schori
- Outgoing Chair: John H. Wiersema
- Vice Chair: Ernest L. Allen
- Members:
  - Susan Alvarez, USA
  - Bernard Baum, Canada
  - Michel Chauvet, France
  - Alex Diederichsen, Canada
  - Karl Hammer, Germany
  - Marco Hoffman, Netherlands
  - Tamara N. Smekalova, Russia



# New Stabilized List

1<sup>st</sup> Edition – 1966

2<sup>nd</sup> Edition – 1983

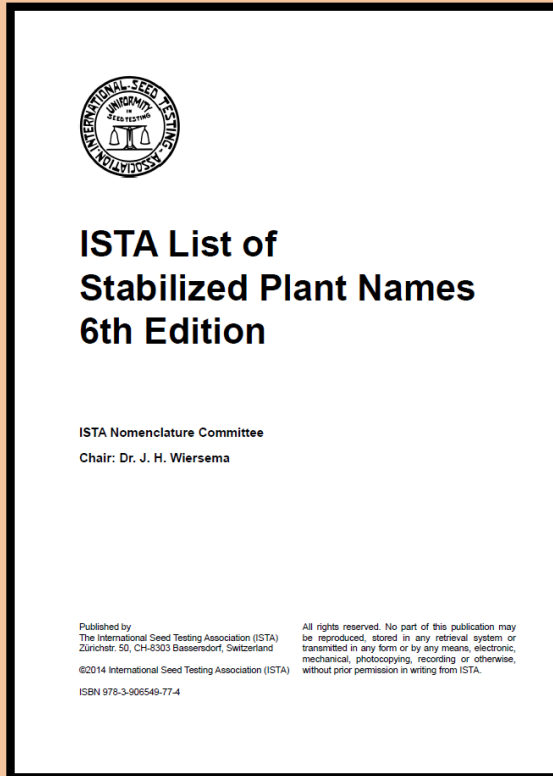
3<sup>rd</sup> Edition – 1988

4<sup>th</sup> Edition – 2001

5<sup>th</sup> Edition – 2007

6<sup>th</sup> Edition – 2013

7<sup>th</sup> Edition – 2019



# New Stabilized List

- 6<sup>th</sup> edition was published in 2013
- All names stabilized for at least 6 years
- Proposals for revisions to 7<sup>th</sup> edition were prepared in 2018



# Updating the List

- Names from 6<sup>th</sup> edition are stored in GRIN Taxonomy database (USDA) with associated reference “ISTA”
- Names pulled through SQL query, compared to current treatment in GRIN Taxonomy (updated continuously)
- Two rounds of ballots of proposed changes sent to NOM members



# Proposed Changes

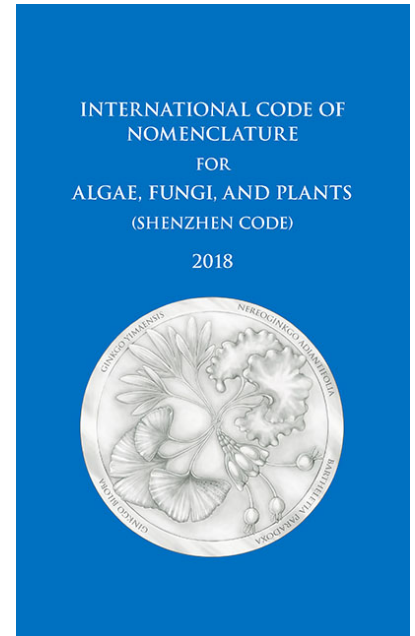
- Two-thirds majority to pass
- 8 new species
- 30 family changes (merging or splitting)
- 5 spelling changes
- 42 authorship changes
- 35 generic changes
- 14 species recircumscriptions
- 19 potential trinomials
- 19 potential synonyms
- 5 new synonyms





# Why Do Names Change?

- Original sources available online
- Nomenclatural rule changes
- Taxonomic research



# Voted Changes

- c. 320 changes approved by committee
- 59 synonyms changing to accepted names
- 8 new species added
- All spelling and authorship changes
- 26 generic differences
- All species recircumscriptions





# Changes

- Family names – Sapindaceae [Aceraceae]
- Trinomials – 17 of 19 approved
- Autonyms
  - Addition of *Arabis alpina* subsp. *caucasica*;  
previous *Arabis alpina* will be *Arabis alpina* subsp.  
*alpina*
  - *Bromus carinatus* and *Sorghum bicolor* likewise  
affected



# Effects on Rules

- 48 taxa affected overall
- Species name differences – 25 agricultural & vegetable; 7 tree & shrub; 15 flower etc.
- Family name differences – 5 agricultural & vegetable; 4 tree & shrub; 16 flower etc.



# Additional Note

- 6<sup>th</sup> edition changed Taxodiaceae to Cupressaceae
- In ISTA rules, Taxodiaceae was not changed
- Updated rules now use Cupressaceae



# Next Steps

- Adoption by ISTA
- Updating word document
- Creation of PDF with links to GRIN Taxonomy entries
- Updating GRIN database
- Creation of Excel file
- Recruiting additional NOM committee members – Doris Groth (Brazil)

