Notable Additions and Changes to Washington’s Flora

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Photo by Gary Brill
The original, 730-page, single volume book was designed by the authors to be a portable plant identification manual for professional and amateur botanists. Even today it remains a singular piece of scholarship and a model for how to produce a flora. The Second Edition has been fully updated to include all native and naturalized taxa presently known from the region, with up-to-date nomenclature and classifications, while maintaining the original’s familiar layout, styles, and use of illustrated keys.
(includes non-native and infraspecific taxa)

Nomenclatural/Taxonomic Updates

• Viburnaceae
  – Formerly Adoxaceae
  – In PNW contains *Adoxa, Sambucus, Viburnum*
  – Issue of priority

• Resurrecting Aceraceae (*Acer*) and Hippocastanaceae (*Aesculus*)
  - Segregated from Sapindaceae based on recognition of Xanthoceraceae (2010)
Figure 1 – A, best maximum likelihood phylogenetic tree for Sapindaceae s. lat.; B, relationships between and within Aceraceae and Hippocastanaceae; C, relationships within subfamily Dodonaeoideae. Bootstrap supports are indicated above branches. COS = Cossinieae; CUP = Cupanieae; DOD = Dodonaeae; DOR = Doratorylaceae; HAR = Harpullieae. The definition of the groups follows Buerki et al. (2009).
Synthyris → Veronica

• A monophyletic clade nested within Veronica

*Synthyris missurica* ssp. *stellata* → *Veronica missurica* ssp. *stellata*

Photo by Gerry Carr.
Nodes with 100% bootstrap percentage and posterior probability values are indicated with an asterisk.
Synthyris lanuginosa
Veronica dissecta var. lanuginosa

Photo by Matt Below
POTENTILLA JEPSONII VAR. KLUANENSIS (ROSACEAE):
A NEW VARIETY FROM YUKON AND ALASKA TO WASHINGTON

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Figure 5. Flower of Potentilla jepsonii var. kluanensis (left; Erter et al. 22866) compared to significantly larger flower of co-occurring P. pensylvanica (right; Erter et al. 22867).

Figure 2. Habit of Potentilla jepsonii var. kluanensis. Drawing by K. Poppas, based on Erter et al. 22866.
Resolving *P. jepsonii* var. *kluanensis* with *Flora PNW* 2nd edition *Potentilla* treatment

- *P. jepsonii* synonymized within *P. pensylvanica* var. *ovium*

- Treatment prioritized for reconsideration and revision

- WNHP Review List 2 taxon
Micropus californicus var. californicus (Asteraceae); cottontop, Q-tips

Photos by Robert L. Carr
Addition of 2 Alpine *Taraxacum* Species to WA Flora

*Taraxacum scopulorum*
Taraxacum alaskanum
North Cascades, Skagit County

Photo by Matt Below
Boechera cascadensis

Apomictic hybrid of *B. microphylla* and *B. paupercula*
Opuntia phaeacantha (Introduced)
Klickitat Co, WA

Photo by Saxtjoe cc BY 4.0
Polypogon maritimus (Poaceae)
Mediterranean rabbitsfoot grass

Photo by Fouad Msanda
Notable Nomenclatural Changes

- *Rubus parviflorus* → *Rubus nutkanus*
Notable Nomenclatural Changes

- *Rubus parviflorus* ← *Rubus nutkanus*
Rosa nutkana Story Continues

- Proposal submitted by FNA Rubus author to conserve the name R. parviflorus

googol.com, accessed 24 Jun 2019), 1380 since the year 2000. The next available name to use in place of R. parviflorus Nutt. is R. nutkanus Moc. ex Ser. (in Candolle, Prodr. 2: 566. 1825). So far, R. nutkanus has been taken up as the accepted name for this species only by Giblin & al. (Fl. Pacif. N.W.: 212. 2018).
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