Co-Chairs
Anne Frances (1)
Margaret (Peggy) Olwell (2)

Red List Authority Coordinator
Amanda Treher (1)

Location/Affiliation
(2) United States Bureau of Land Management, Washington D.C., US

Number of members
6

Mission statement
The mission of the North American Plant Red List Authority is to conduct conservation status assessments of plants native to North America in order to increase conservation efforts.

Projected impact for the 2017-2020 quadrennium
By the end of 2020, we envision an expanded presence for the North American Plant Red List Authority. Specifically, we will develop a website and expand our membership to increase diversity. We will continue seeking collaborations to leverage resources among those conducting conservation status assessments, particularly botanical gardens. Through these collaborations, we hope to increase the number of Red List assessments for priority species in North America, including trees, medicinal plants and rare species. We will continue working with the IUCN Red List Unit on ways to streamline the conversion of NatureServe’s Global Ranks to draft Red List assessments.

Targets for the 2017-2020 quadrennium
Assess
Red List: (1) publication of Hydrastis canadensis (Goldenseal) on the IUCN Red List; (2) review and submission of Eurybia furcata (Forked Aster) assessment; (3) contribution of NatureServe data and expertise to Red List assessment of oaks; (4) publish Red List assessments; (5) begin collaboration with Medicinal Plant Working Group and Albuquerque BioPark to complete assessments of North American medicinal plants; (6) collaboration with Morton Arboretum and Botanic Gardens Conservation International (BGCI) to continue US portion of Global Tree Assessment; further develop ability to port data from NatureServe’s database into the IUCN SIS database using SIS Connect; use a number of common US trees to pilot the Least Concern pipeline; (7) co-lead training session on Red List assessment and Global Ranking at American Public Gardens Association (APGA), with BGCI and Morton Arboretum.

Plan
Planning: conduct monitoring for the CITES-listed medicinal plant American Ginseng (Panax quinquefolius) in Indiana and Illinois.

Network
Capacity building: (1) two members of the RLA to attend a “Train the Trainer” workshop in Arizona in 2017; (2) co-lead training session on Red List assessment and Global Ranking at APGA.

Membership: expansion of membership to increase diversity (gender, age, and organizational representation).

Synergy: form official collaboration with multiple institutions to advance Red List assessments and Global Ranking of US trees.

Communicate
Scientific meetings: (1) co-present session at Gene Conservation of Trees meeting in Chicago, in 2016, and publish proceedings; (2) attend and present at Ginseng Symposium in 2017, publish proceedings.
Activities and results 2018

Assessment of *Eurybia furcata* published. (KSR #1)

Formed strategic partnerships to publish more Red List assessments by 2020. (KSR #1)

In fall 2018, a partnership began with the Medicinal Plant Working Group and Albuquerque BioPark to complete assessments of North American medicinal plants; NatureServe shared information on species and is providing some training on assessing rare plants. (KSR #1)

Extensive work completed on a definitive list of trees in the US, including Puerto Rico and the Virgin Islands; taxonomic reconciliation and defining “tree” worked out; some draft assessments completed by Morton Arboretum; NatureServe completed Global Ranks of rare trees to be shared with Morton Arboretum to use as basis for Red List assessments. (KSR #1)

Network

Membership

Unofficial membership outreach to increase diversity.

Synergy

Partnership with multiple institutions to advance Red List assessments and Global Ranking of US trees ongoing and work continued in 2018. (KSR #29)

Acknowledgements

We thank the Bureau of Land Management, US Botanic Garden, Morton Arboretum, Botanic Gardens Conservation International US, Albuquerque BioPark, US Forest Service, NatureServe, and others for their support of this work.

Summary of activities 2018

Species Conservation Cycle ratio: 2/5

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<thead>
<tr>
<th>Activity</th>
<th>Score</th>
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<tbody>
<tr>
<td>Assess</td>
<td>4</td>
</tr>
<tr>
<td>Network</td>
<td>2</td>
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Main KSRs addressed: 1, 29

KSR: Key Species Result