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.

Main activities by Key Priority Area (2016 & 2017)

Barometer of life

■ Red List
i. The Red List assessment for Goldenseal (*Hydrastis canadensis*), one of the most valued medicinal plants in North America, was published in 2017 by Leah Oliver. Goldenseal was categorized as Vulnerable, mainly due to habitat loss and wild collection. The Red List assessment is one of the most thorough for a medicinal plant, and we are hopeful our work will encourage others to support red listing other wild-collected, medicinal plants. (KSR #1)

ii. Amanda Treher worked with a graduate student who submitted a draft Red List assessment of Forked Aster (*Eurybia furcata*) to have it reviewed and submitted. (KSR #1)

iii. NatureServe contributed all our data on *Quercus* to the Morton Arboretum to assist with Red List assessment of oaks. (KSR #1)

Bolster work at national scales

■ Synergy
i. NatureServe and the North American Plant Red List Authority became part of an official collaboration with multiple institutions to advance Red Listing and Global Ranking of US trees. (KSR #29)

Capacity building

■ Capacity building
i. Two members of RLA attended “Train the Trainer” workshop in Arizona in 2017. Amanda Treher is now a Red List trainer. (KSR #5)

ii. In October, Anne Frances co-led a training workshop on conservation status assessments with Murphy Westwood (Morton Arboretum) and Abby Meyer (Botanic Gardens Conservation International) at New England Wildflower Society’s Garden in the Woods. The workshop preceded the 2017 American Public Gardens Association Native Plants and Conservation Symposium. The 20+ participants learned about both the Red List assessment process and NatureServe’s Ranking Methodology through presentations, hands-on exercises and case studies. (KSR #5)

Communications

■ Scientific meetings
i. Anne Frances presented at Gene Conservation of Trees meeting in Chicago, in 2016, comparing Red Listing to Global Ranking; proceedings were published.

ii. Leah Oliver, Amanda Treher and Anne Frances attended and presented at the Future of American Ginseng and Appalachian Forest Botanicals Symposium. Approximately 200 people, representing all stakeholder groups, attended the symposium, which was hosted by United Plant Savers, in collaboration with the US Fish and Wildlife Service. United Plant Savers posted a short video from the symposium and the official proceedings are now available online.

Conservation action

■ Conservation activities
i. With a grant from the National Fish and Wildlife Foundation, we conducted monitoring for CITES listed medicinal plant American Ginseng (*Panax quinquefolius*) in Indiana and Illinois. (KSR #16)
Increasing diversity of SSC

Membership

- We expanded our membership at a small scale to increase diversity (gender, age and organizational representation).

Acknowledgements

We thank the following donors that provided financial support of our Red List assessment activities: United States Bureau of Land Management, National Fish and Wildlife Foundation, United Plant Savers, United States Fish and Wildlife Service, United States Forest Service and various other independent donors.

Targets for the quadrennium 2017-2020

Barometer of life

Red List: (1) publication of Goldenseal on the Red List; (2) review and submission of Forked Aster; (3) contribution of NatureServe data and expertise to Red List assessment of oaks; (4) publish Red List assessments.

Bolster work at national scales

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

Capacity building

Capacity building: (1) two members of RLA attended the "Train the Trainer" workshop in Arizona, in 2017; (2) co-lead training session on Red List assessment and Global Ranking at APGA.

Communications

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.

Conservation action

Conservation activities: conduct monitoring for CITES listed medicinal plant American Ginseng in Indiana and Illinois.

Increasing diversity of SSC

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

Projected impact for the quadrennium 2017-2020

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 Red List unit on ways to streamline the conversion of NatureServe’s Global Ranks to draft Red List assessments.

Summary of activities (2016-2017)

Key Priority Area ratio: 6/7

Key Priority Areas addressed:
- Barometer of life (3 activities)
- Bolster work at national scales (1 activity)
- Capacity building (2 activities)
- Communications (2 activities)
- Conservation action (1 activity)
- Increasing diversity of SSC (1 activity)

Main KSRs addressed: 1, 5, 16, 29

Resolutions 2016 WCC: 016

KSR: Key Species Result