

Collaborations needed to host and conduct a successful Red List workshop: case studies and lessons learned on red listing plants

Session type: 60 minute panel

Organizer & timekeeper: David Lorence (National Tropical Botanical Garden)



CHANGING PERSPECTIVES: PLANTING FOR THE FUTURE

2016 AMERICAN PUBLIC GARDENS ASSOCIATION ANNUAL CONFERENCE



Introduction to the IUCN Red List

IUCN Red List assessment: an estimate of extinction risk

What is the likelihood of a species becoming extinct in the near future, given current knowledge about **population trends**, range, and recent, current or projected threats?



It is not a list of species that are candidates for conservation action

IUCN Red List of Threatened Species™ 2015.2

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NEAR THREATENED < VULNERABLE > ENDANGERED CRITICALLY ENDANGERED EXTINCT IN THE WILD EXTINCT

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taxonomy [top]

Kingdom Phylum Class Order Family

Taxonomy Assessment Inform Geographic Range Population Habitat and Ecology



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- 1. Mike Maunder** (FIU, NTBG, 10 min.) Introduction and overview of IUCN, what IUCN is, what red listing is, the red listing process, specialist groups for plants; red listing experience in East Africa.
- 2. George Schatz** (MOBot, 10 min.) Essentials for running a training workshop, key points about the Hawaii workshop, getting the right data and field knowledge about threats, occurrence data, etc.
- 3. Murphy Westwood** (Morton Arboretum, 10 min.) Relevance of red listing to botanical gardens, in planning, interpretive signage, education, taxonomic considerations with oaks as an example.
- 4. Patrick Griffith** (Montgomery Botanical Center, 10 min.) Value of ex situ collections of cycads, importance of strong collecting programs in building strong ex situ programs; considerations in planning a red listing training workshop.
- 5. Discussion, Q & A (15 min.)**
- 6. George Schatz (5 min.)** Summary and wrap-up

