



Haining Qin

Chair

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Red List Authority Coordinator

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Location/Affiliation

(1) Institute of Botany, Chinese Academy of Sciences, Beijing, China

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Number of members

85

Social networks

Chat forum:

WeChat

Website:

www.chinaplantredlist.org/



Mission statement

The mission of the China Plant Specialist Group (CPSG) is to contribute to the increase of current knowledge on the identification and conservation of threatened species of China's flora.

Main activities by Key Priority Area (2016 & 2017)

Barometer of life

■ Research activities

i. Publication of four articles addressing Red List assessments of China's higher vascular plants, which included methods, procedures and results. In these papers we provided conservation advice based on results. We also provided advice in regards to China higher vascular plants Red List in the future. (KSR #43)

ii. Twenty research articles published and four books completed. These articles address species richness, species diversity, conservation actions, and taxonomy. Authors of these articles are members of CPSG. (KSR #32)

iii. Eighteen wild plant resources investigations completed. Thanks to the results provided by these investigations plant diversity for China higher vascular plants might increase. (KSR #12)

Capacity building

■ Capacity building

i. Courses on biodiversity conservation completed by members of CPSG. These courses can provide opportunities to promote biodiversity conservation actions and show the conservation status and risk extinction of China's plants to the public. (KSR #17)

Communications

■ Communication

i. We have established a platform for information exchange among group members in real-time.

ii. We are building a website for higher vascular plants of China Red List (<http://www.chinaplantredlist.org/cpsg.php>) as a window for the process of information exchange and promotion. It has a great effect on all aspects in biodiversity and, in some pages, information about CPSG is also provided. (KSR #6)

Conservation action

■ Conservation activities

i. Our members have participated in several conservation actions, such as quillwort breeding and rejuvenation, artificial seedlings propagation, *ex situ* collection of *Taxus mairei* and reintroductions "getting back to nature" of a number of endangered species. (KSR #31)

■ Synergy

i. Our members have participated in the building of several conservation networks. In particular, Yuhu Wu joined the media (<http://www.thepaper.cn/>) to finish a featured video that reached about 20 million people in the early of 2018. (KSR #29)

■ Technical advice

i. Several expert members have provided technological advice on biodiversity conservation to other conservation organizations or universities. (KSR #43)

Acknowledgements

We sincerely thank the members that actively participated in the meetings and communications of the CPSG, especially those experts who provided wonderful suggestions and advice to our CPSG. Above all, we sincerely thank the experts who are always contributing to conservation of China's biodiversity for many years.



Activities to popularize scientific knowledge on higher vascular plants of China
Photos: Fang Wen

Targets for the quadrennium 2017-2020

Barometer of life

Red List: complete assessment of 2,000 species of Chinese endemic plants.

Research activities: (1) twenty research articles completed; (2) 20 wild plant resources investigations completed.

Capacity building

Capacity building: provide a Conservation Biology course to increase Red Listing capacities.

Conservation action

Research activities: implement conservation actions related to *ex situ* and *in situ* conservation, including plant introductions.

Projected impact for the quadrennium 2017-2020

We hope that by 2020, province-level Red Lists will be assessed in some provinces. For specific conservation actions, protection and reintroduction of many threatened plants can be carried out, ensuring that some invaluable rare and endangered groups are protected *in situ* or *ex situ*. These actions will include: (1) carry out integrated conservation of four threatened plants in the Jinsha River; (2) conduct *in situ* conservation in the Panzhuhua and *ex situ* conservation in Kunming Botanic Garden of the Chinese Academy of Sciences; (3) introduction of 15-20 protected plants, including relevant introduction and domestication studies; (4) complete field investigations (national full-coverage) of the wild plant species in the Jiangsu province.



Summary of activities (2016-2017)

Key Priority Area ratio: 4/7

Key Priority Areas addressed:

- Barometer of life (3 activities)
- Capacity building (1 activity)
- Communications (2 activities)
- Conservation action (3 activities)

Main KSRs addressed: 6, 12, 17, 29, 31, 32, 43

KSR: Key Species Result