

ICS 65.020
CCS B 60



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46339-2025

**Code of practice for conservation and restoration of rare and
endangered plants**

珍稀濒危植物保护与恢复技术规程

Issued on: October 5, 2025

Implemented on: February 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Forestry and Grassland Administration. This document was drafted by: Institute of Forest Ecology, Environment and Nature Conservation, Chinese Academy of Forestry; Institute of Botany, Chinese Academy of Sciences. East China Normal University, South China Botanical Garden of Chinese Academy of Sciences, Wuhan Botanical Garden of Chinese Academy of Sciences, Beijing Forestry University, Hangzhou Normal University, Wuhan University University, Research Institute of Forestry, Chinese Academy of Forestry, Plateau Forestry Research Institute, Chinese Academy of Forestry, Hubei Minzu University, Hebei Agricultural University University of Science and Technology of China, Beihua University, Central South University of Forestry and Technology, National Forestry and Grassland Administration Forestry and Grassland Survey and Planning Institute, Sichuan Academy of Forestry Sciences, Xinjiang Forestry University The Institute of Forest Ecology of the Chinese Academy of Sciences, Zhejiang Academy of Forestry Sciences, Hubei State-owned Longganhu Farm, and Hainan Academy of Forestry Sciences. The main drafters of this document are. Zang Runguo, Dong Ming, Li Junqing, Chen Xiaoyong, Jiang Mingxi, Zeng Songjun, Li Zhenqing, Huang Jihong, and Ai Xunru. Li Jingwen, Liu Yanhong, Li Jiaru, Wu Kunlin, Qiu Deyou, Guo Zhongling, Guo Zhongjun, Ding Yi, Shen Guozhen, Wei Xinzeng, Wang Rong, Du Fang, Zhang Jun Song Yaobin, Yao Lan, Xu Gangbiao, Li Mingguo, Liu Wande, Liu Xinhong, Li Haijun, Li Yingang, Nong Shouqian, Qin Aili, Guo Quanshui, Lu Xinghui, Xu Yue Feng

QiuHong, Shao FenJuan, Zhu Jiang. Technical Regulations for the Protection and Restoration of Rare and Endangered Plants

1 Scope

GB/T 46339-2025 is the Chinese national standard covering saving a threatened plant species - the survey of what remains and the threats to it, the in situ protection of the habitat, the ex situ collection and propagation, the reintroduction and its site selection, and the monitoring over the years it takes to know whether it worked. First edition, under the National Forestry and Grassland Administration. In force from 1 February 2026. Issued on 5 October 2025, it has been in force since 1 February 2026.

This document establishes the process for the protection and restoration of rare and endangered wild plants, and stipulates in-situ conservation, ex-situ conservation, and the protection of core wild germplasm resources. Requirements related to source preservation, wild population restoration, reintroduction into the wild, and information archiving and management. This document applies to the protection and restoration of various rare and endangered terrestrial wild plants in my country, specifically including the "List of National Key Protected Wild Plants". Plant species listed in the appendices of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and the China Red List of Biodiversity - Higher Plants Threatened species listed in the "Catalogue of Threatened Species (2020)" and the "IUCN Red List of Threatened Species," as well as species identified through scientific surveys and evaluations. Other species in urgent need of protection. This document does not apply to non-vascular plants such as mosses, algae, and lichens. Protection of non-rare and endangered terrestrial wild plants. And restore to the reference execution.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 15776 Technical Specifications for Afforestation

GB/T 15781 Forest Tending Regulations LY/T 1819 Technical Specifications for Conservation Areas of Rare and Endangered Wild Plants LY/T 2590 Technical Specifications for the Collection of Seeds of Rare and Endangered Wild Plants

3 Terms and Definitions

The terms and definitions defined in LY/T 1819 and LY/T 2590, as well as the following

terms and definitions, apply to this document.

3.1 Due to internal and external factors affecting the survival of the species, the current population is small and faces the risk of extinction, while also possessing important economic, scientific, and cultural value. Wild plants that play a role in cultural education and stabilizing ecosystem functions.

3.2 native habitat The natural ecological environment on which plants depend for survival.

3.3 Habitat restoration The process of mimicking nature as much as possible to take effective measures to restore damaged habitats and improve their deteriorated state.

3.4 Germplasm Genetic material passed from parents to offspring through sexual or asexual reproduction.