

# **In situ and ex situ conservation of plant diversity in China**

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There are currently 36,152 species of higher plants in China, and about 15% of them are threatened due to natural and human disturbance. There are a total of 28,385 species of higher plants growing in China's 11,800 nature protected areas, accounting for 77.0% of the total number of higher plants in the country. There are 162 botanical gardens in China, which have 22,104 ex situ cultivated species, accounting for 65% of all plant species. About 1,500 threatened plants have been cultivated in botanical gardens, accounting for 39% of the total number of threatened plants. China has reintroduced a total of 206 plant species. Currently, about 10% of threatened plant species have not been protected both in situ and ex situ. In order to complete the Kunming Montreal Global Biodiversity Framework, China has formulated a China Action Plan based on the Global Strategy for Plant Conservation (2023-2030), which aims to protect, restore, and sustainably utilise plant diversity. China will form a transformative national action plan for biodiversity conservation in mainstream, realisation path, protection and development mode, universal protection action, and other aspects so as to realise the ideal state of "harmony between man and nature" for biodiversity conservation.