

It Is Time to Cool down Ex-situ Conservation

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Abstract:

Ex-situ (off site) Conservation and In-site Conservation are both conservation tools, and the former should be the main measure. If Ex-situ Conservation becomes regular practice, it is equal to provide an excuse for destructive development. Scaling up Ex-situ Conservation unrealistically is against the initial purpose of biodiversity protection. Wild plants that go through Ex-situ Conservation will face environmental adaptation and genetic risks. One third of the key protective plant species suffer from malnutrition, reproducing barrier even death. Therefore, we must not take Ex-situ Conservation as a “business”,

Key words: Plant Ex-situ Conservation, In-site Conservation, nature conservation, biodiversity conservation

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Primroses, photographed by Liu Huajie in Chongli, Hebei Province