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

**GB/T 16620-2023**

Replacing GB/T 16620-1996

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**Terminology of forest tree breeding and seed management**

林木育种及种子管理术语

**Issued on: March 17, 2023**

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## Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents" drafting: This document replaces GB/T 16620-1996 "Terms for Forest Tree Breeding and Seed Management": Compared with GB/T 16620-1996, except for the structure In addition to adjustments and editorial changes, the main technical changes are as follows:

- a) Deleted some uncommon terms (see 2:18, 2:31, 2:43, 3:12, 3:14, 5:3~5:8, 7:9, 8:4, 8:5, 8:9~8:11, 9:15, 9:29, 9:30, 10:15, 11:7~11:9, 14:16, 14:17);
- b) Changed the definitions of some terms and their English counterparts (see 5:1:10, 5:2:9, 7:2:2, 10:1:4, 10:1:58, 11:2:3, 1996 Version 2:8, 3:33, 11:1, 14:7, 14:17, 15:3);
- c) Some commonly used and related terms are added (see 5:2:16, 6:1:31, 6:2:2~6:2:6, 6:3:8, 7:2:1, 8:1:1, 8:1:3, 8:1:21, 8:1:22, 8:1:24, 9:1:2, 9:2:10, 9:3:1~9:3:5, 9:3:7~9:3:10, 10:1:2, 10:1:3, 10:1:5~10:1:16, 10:1:22, 10:1:25~10:1:45, 10:1:47~10:1:52, 10:1:54, 10:1:55, 10:2, 11:1:2~11:1:7, 11:2:5~11:2:8, 12:1:1~12:1:17, 12:1:19, 12:1:20, 12:2:1~12:2:7, 12:3:7~12:3:8, 12:3:19~12:3:25, 12:4:1~12:4:7, 12:5:1~12:5:14, 12:6:1~12:6:6, 13:1~13:3, 13:10, 13:12~13:17): Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents: This document is proposed by the State Forestry and Grassland Administration: This document is under the jurisdiction of the National Forest and Grass Seed Standardization Technical Committee (SAC/TC115): This document was drafted by: Nanjing Forestry University, Chinese Academy of Forestry, Beijing Forestry University, Northeast Forestry University: The main drafters of this document: Fu

Xiangxiang, Shi Jisen, Ji Kongshu, Li Qingmei, Kang Xiangyang, Shen Hailong: The previous versions of this document are as follows:

---First published as GB/T 16620-1996 in:1996;

--- This is the first revision: Tree Breeding and Seed Management Terminology

## 1 Scope

GB/T 16620-2023 is the Chinese national standard on terminology of forest tree breeding and seed management, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 17 March 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 17 March 2023.

Classification: ICS 65.020.20, CCS B61. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines common terms used in forest tree breeding and tree seed management: This document is applicable to the fields of production, scientific research, teaching and management of the forest seed industry:

## 2 Normative references

This document has no normative references:

## 3 Basic terms

3:1 tree species There are significant differences in morphological characteristics, and there are reproductively isolated woody plants:

Note: The most basic unit in the classification system of woody plants is the basic biological basis for a species to be established in classification: 3:

2 The area occupied by all individuals of each tree species in nature:

Note: According to the distribution area, it can be divided into continuous distribution area and discontinuous distribution area; according to the origin, it can be divided into natural distribution area and cultivated distribution area; according to distribution space, it can be divided into horizontal distribution area area and vertical distribution area: 3:3 A state in which the distribution of a species or subspecies of taxa is connected in one piece without discontinuity: 3:

4 The distribution area of a species or a taxonomic unit below a species is in a

discontinuous state: 3:5 forest tree seed The general term for the sexual reproductive organs of forest trees and the sowing materials in forestry production:

Note: Including real seeds (such as pines, birches), fruits (such as samara, nuts, etc.), parts of fruits (such as walnuts, neem, etc.), parts of seeds (such as Ginkgo, Magnolia) and seeds formed by apomixis (such as citrus, etc.): 3:

6 Seed origin seedsource The original collection location of the seeds: 3:7 seed zone seedzone In the distribution area of tree species, the ecological conditions and genetic characteristics of forest trees are basically similar to the geographical unit:

Note: The basic unit of species is used: