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

GB/T 45553-2025

**Technical specification for *Antheraea pernyi* genetic resource
survey**

柞蚕遗传资源调查技术规范

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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 is required.

GB/T 45553 "Technical Specifications for Investigation of Antheraea silkworm genetic resources" and GB/T 27534 "Technical Specifications for Investigation of Livestock and Poultry Genetic Resources", GB/T 45552 "Technical Specifications for Investigation of Silkworm Genetic Resources" and GB/T 45550 "Technical Specifications for Investigation of Honeybee Genetic Resources" jointly form the support The basis for the investigation of genetic resources of livestock, poultry, bees and silkworms.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China.

This document is under the jurisdiction of the National Technical Committee on Animal Husbandry Standardization (SAC/TC 274).

This document was drafted by: National Animal Husbandry Station, Liaoning Sericulture Research Institute, Sericulture Research Institute of Chinese Academy of Agricultural Sciences, Henan Sericulture Research Institute Industry Science Research Institute, Jilin Province Sericulture Science Research Institute, Heilongjiang Province Sericulture and Bee Industry Development Center, Nanzhao County Silkworm Fungus Center Second Original Seed Farm.

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Technical Specifications for Investigation of Antheraea silkworm genetic resources

1 Scope

This document specifies the objects, methods, periods, contents, and record and archive management requirements of the survey of tussah genetic resources. method.

This document is applicable to the investigation of tussah genetic resources.

2 Normative references

NY/T 2331-2013

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 local variety

The tussah silkworms that have been passed down through long-term artificial and natural selection and adapted to the natural conditions or breeding technology characteristics of a certain place in China variety.

3.2 Improved variety

Tussah silkworms with excellent economic traits or special traits bred through systematic breeding, cross breeding, and mutation breeding variety.

3.3 introduced variety

A variety of tussah silkworm introduced from abroad.

4.1 Survey subjects

It should be any of the following species or resources.

-- Antheraea silkworm genetic resources included in the National List of Silkworm Genetic Resources;

--New varieties and new resources approved by the livestock and poultry genetic resources approval and appraisal institutions;

- Newly approved introduction of tussah genetic resources;
- Unknown genetic resources of tussah silkworm.

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