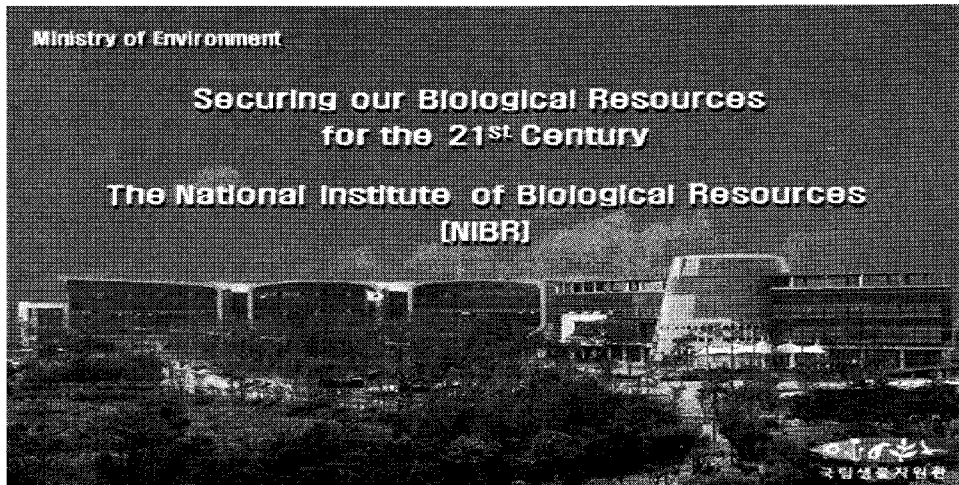


특별강연 I-6

야생생물자원 조사 발굴을 위한 국립생물자원관의 실천계획

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Functions

■ The major functions of NIBR are to:

- ✓ collect, preserve, and manage biological resources collections,
- ✓ conduct surveys and research on biological resources,
- ✓ provide support to the bio-industry, including source materials, and/or information of wild species for basic and applied research,
- ✓ develop a national biological resources database network and support policy development on biodiversity issues, and
- ✓ present exhibitions and provide educational programs on biological resources.

■ Staff: 102 including 61 scientists



Survey and research

→ 34 projects comprising 10 major areas

Survey of biological resources

- Survey of indigenous biological resources of Korea
- Survey of threatened and/or important taxa in strategic regions
- International cooperative programs for biodiversity inventories

Management of indigenous species

- Compilation of a national list of indigenous species of the Korean peninsula
- Documentation of type and voucher specimens of indigenous species of Korea
- Flora and fauna of Korea project
- National biological resources database project

Management of endemic species

- Inventory and management of endemic species of Korea
- Cataloguing Korean collections deposited in foreign herbaria and museums
- Revision of the control list of indigenous/endemic species of Korea

Management of genetic resources

- Genetic evaluation of important biological resources
- Genetic resources bank
- DNA bar-coding for biological resources



Survey and research

Curator of biological resources collections

- Optimization and standardization of storage and management process of biological resources collections

Origin of biological diversity of Korea

- Molecular phylogenetic analyses of major Korean taxa

Conservation and management of wildlife

- National survey on the distribution of endangered species
- Conservation and restoration of biodiversity in the Korean peninsula
- A study on the migration route and management plan of migratory birds

Climatic change and biodiversity

- Studies on the changes in the biogeographic characteristics of the Korean peninsula

NIBR-designated research

- 4 projects including Development of a high-throughput system for biodiversity monitoring

Basic systematic research

- Systematic studies on important taxa in Korea (11 projects)

→ 34 projects comprising 10 major areas

