

## Activities on establishing the basis of biodiversity science-Japan node of Global Biodiversity Information Facility-

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Biodiversity Science is becoming a global-scale social problem in recent years. In 2010, Convention on Biological Diversity (CDB) the 10th meeting of the Conference of the Parties (COP 10) was held in Nagoya which promoted the social awareness for biodiversity in Japan. The Intergovernmental science-policy Platform on Biodiversity and Ecosystem Services (IPBES) is started to provides a mechanism recognized by both the scientific and policy communities to synthesize, review, assess and critically evaluate relevant information and knowledge generated worldwide by several stakeholders for biodiversity issues. Obviously, biodiversity information is the basis of biodiversity sciences. The accumulation of biodiversity information will make it possible to understand the properties of diverse and complex ecosystems. In order for biodiversity to be maintained in the future, we must understand its underlying mechanisms and work to preserve it.

In this talk I would like to introduce the international activity Global Biodiversity Information Facility (GBIF) which aims to make the world's biodiversity information freely and universally available. JBIF (Japan Node of the Global Biodiversity Information Facility) is the organization carrying out the activities of GBIF in Japan. JBIF has several activities which mainly aim to integrate, promote the use and global dissemination of biodiversity related data. I would like to show some concrete activities on JBIF and future perspective on biodiversity information.

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