ESG Symposium draft for Biodiversity next – Leiden October 2018 (<https://biodiversitynext.org/>)

**Draft name: Earth science collections and geoscience as a part of biodiversity**

**Abstract:**

Earth science collections have an important role in biodiversity research and an add on value to it because they provide evidence for evolution and past life in the discipline of palaeontology. In addition, they offer evidence for natural disasters, environmental and climate change in the rock record, studied by palaeontologist, geologists and geochemists in collaboration.

The general aim of this symposium is to discuss and present the importance of earth science collections in biodiversity research and other cross discipline implementations. The symposium will set the scene for a follow-up workshop aiming on the implementation of metadata standards, publication of collection data via data portals, including tools for mapping the data and conducting quality checks.

The symposium will be open for talks related to earth science collections and geoscience research with special focus on the topics:

- Role and implementation of fossil taxa in taxonomic backbones (e.g. Catalogue of Life).

- Definition of minimal, optimal and full requirements on data records in digitised earth science collections.

- Implementation and usage of existing metadata standards and controlled vocabularies for geoscience collections.

- Data portals, search and presentation platforms for earth science collections access, research and outreach.

Standards track: <https://biodiversitynext.org/call-for-symposia/#1540479265721-4bba0444-95d1>

Organisers: …