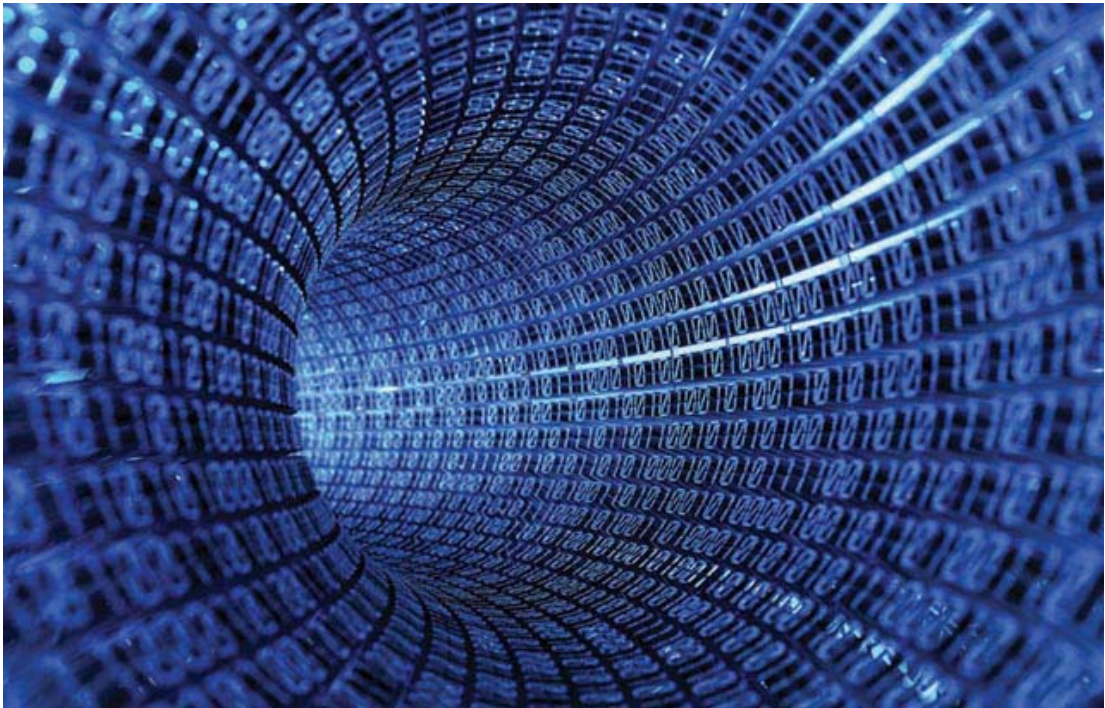


Biodiversity Atlas Sweden + Swedish LifeWatch =
Swedish Biodiversity Data Infrastructure (SBDI)



SBDI: New opportunities for data driven research

Anders Telenius, Fredrik Ronquist Swedish Museum of Natural History
Holger Dettki Swedish University of Agricultural Sciences



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Biodiversity information systems offer services for easy **data publication, access and interoperability, analysis and results visualization.**

Biodiversity informatics brings **rich opportunities for innovative, interdisciplinary research on biodiversity and ecosystems.**



Biodiversity Atlas Sweden + Swedish LifeWatch =
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Swedish Biodiversity informatics, represented by the eleven partnering organizations in the present **Biodiversity Atlas Sweden** and **Swedish LifeWatch** consortia will merge into **SBDI**; a new national research infrastructure for biodiversity informatics 2021-2024.



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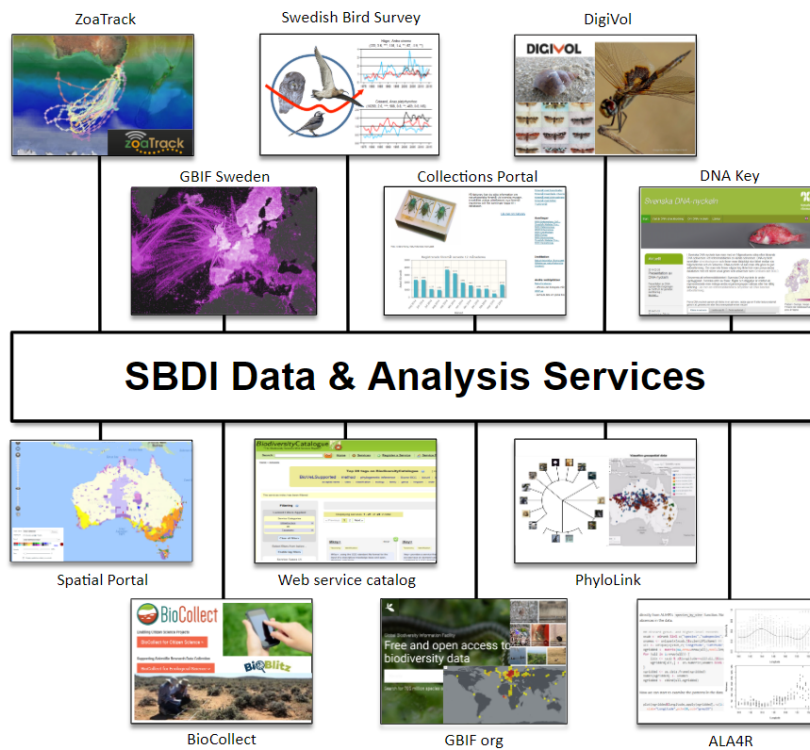


Primarily built upon the **Atlas of Living Australia** technology platform, SBDI adheres to the principle of **‘Open data’/‘Open Source’**.

While systems development continues within the Living Atlases Community (**LA**) valuable Swedish components will be adapted and integrated into **SBDI**.



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SBDI will include Data Delivery Services, harvesting biodiversity data from national data providers into the common Swedish Biodiversity Data Layer, accessible for users through Analysis and Visualization Tools.



Biodiversity Atlas Sweden + Swedish LifeWatch = Swedish Biodiversity Data Infrastructure (SBDI)

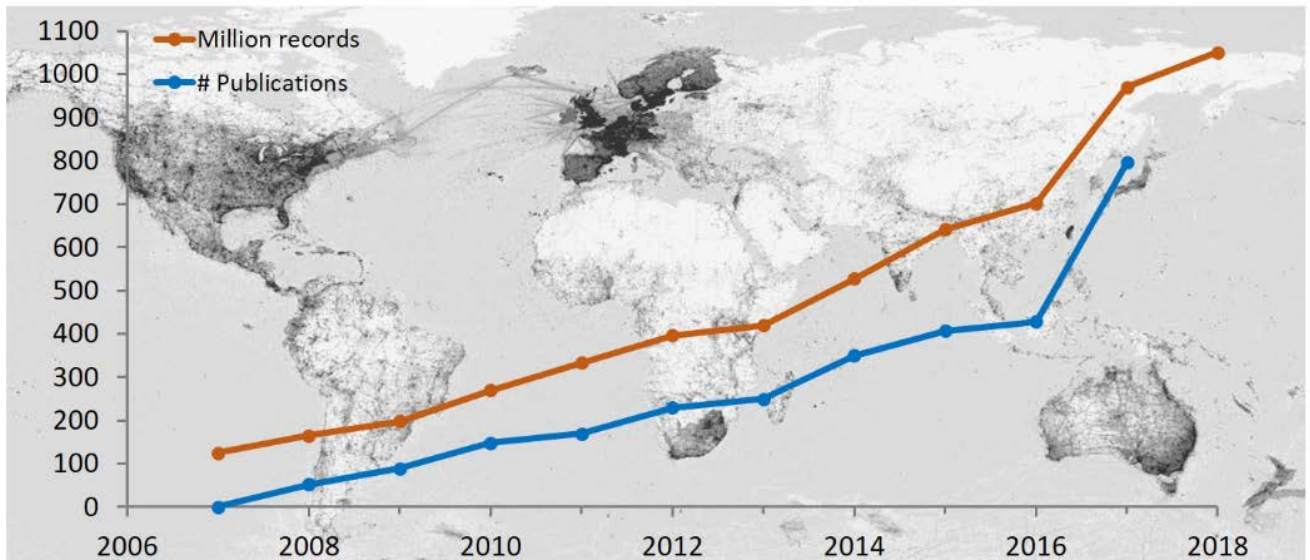


Figure 3. Total number of GBIF records (orange) and annual number of GBIF publications (blue). Background shows the current density of georeferenced GBIF data (dark gray) on a world map. Similar trends are observed for most of the existing services that will form part of SBDI.

Comprising the **Swedish GBIF node** SBDI will represent Swedish Biodiversity Informatics nationally and internationally and collaborate with GEO BON, CETAF, DiSSCo, GGBN, BOLD, Elixir etc.

The already large use and impact of GBIF-mediated data is expected to grow considerably in the future.



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SBDI contents:

<https://bioatlas.se/>