Recognise nature with Naturalis AI

Artificial Intelligence (AI) applications can offer various solutions in helping measure and monitor biodiversity change.

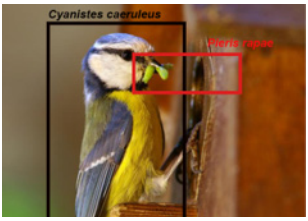
Naturalis AI Nature services offer fast and customisable automatic species identification tailored to your organisational needs.

For organisations with large amounts of biodiversity data, we developed solutions with expert validated input that allow fast and reliable identification of animals, plants and fungi based on AI image (and sound) recognition.

Join our community of partners and users

Naturalis Biodiversity Center

AI NATURE powered by Naturalis



Automatic species identification

Insect identification AI analysis

Museum collection identification

It has been estimated that over one million species are headed for extinction. Biodiversity decline has a significant impact on human society. One in five people rely on wild species for food and income.

In Europe, Naturalis Biodiversity Center is a pioneer providing species identification services based on AI image and sound recognition. Since 2017, Naturalis has invested heavily in its IT infrastructure and has developed a vast network of collaborators, including the Global Biodiversity Informatics Facility (GBIF), Observation.org, Intel, xeno-canto, etc.

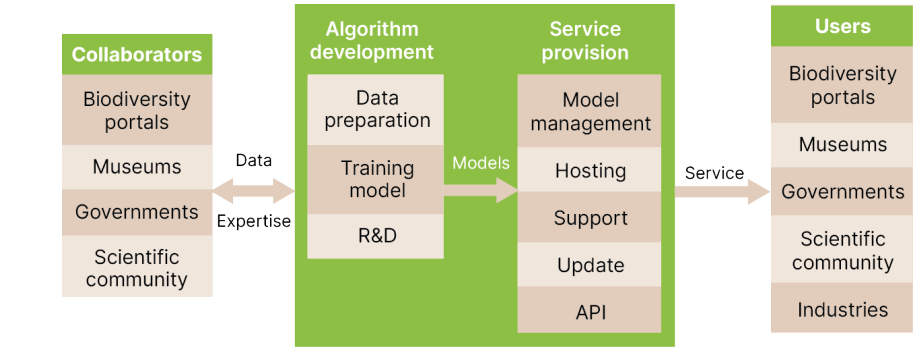
Naturalis' AI Nature services largely falls into two categories:
- **AI algorithm development** for species identification using image and sound recognition: This is performed mostly in-house, but we also collaborate with other Dutch/European organisations in various national and international projects and programs.
- **AI service provision** for species identification via our Nature Identification web service (API): This is done completely in-house. Service fees apply.

With our Nature identification API and AI analyses for the DIOPSIS insect cameras, we support organisations to contribute to digital biodiversity monitoring at scale, involving citizen scientists and society at large.

Pushing AI nature development in Europe & beyond

DIOPSIS · museumcollecties · GUARDEN · TETTRIs · InsectAI

Naturalis AI nature services



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www.naturalis.nl/en/ai

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