

natusfera

...

A platform to gather biodiversity data

What is Natusfera?

The screenshot shows the Natusfera website homepage. At the top, there is a navigation bar with links to Observacions, Espècies, Projectes, Llocs, Guies, and Persones. On the right side of the header, there is a user profile for 'bernat' with a picture, 0 observations, 40 species, and a location 'Tauler'. Below the header, there are two purple buttons: 'Registra't!' and 'Explora!'. The main title 'Natusfera' is displayed with a green leaf icon. Below the title, language options include CAT / ES / EN / EUS / GAL. A timestamp '[14/04/2018] - Servicio restablecido y funcionando con n' is shown. To the right of the timestamp, there is a box containing three statistics: 41991 observacions, 5740 espècies, and 3000 personnes. Below these statistics is a close-up photograph of a Ganoderma lucidum mushroom (reishi) growing on wood. At the bottom of the image, the caption reads 'Tomás Blasco - Ganoderma lucidum, 41.332776, 1.949199 (Google, OSM)'. In the bottom right corner of the image, there is a small map of the Barcelona area.

Natusfera

CAT / ES / EN / EUS / GAL

[14/04/2018] - Servicio restablecido y funcionando con n

41991
observacions

5740
espècies

3000
persones

Tomás Blasco - Ganoderma lucidum, 41.332776, 1.949199 (Google, OSM)

Map Data Terms of Use Report a map error

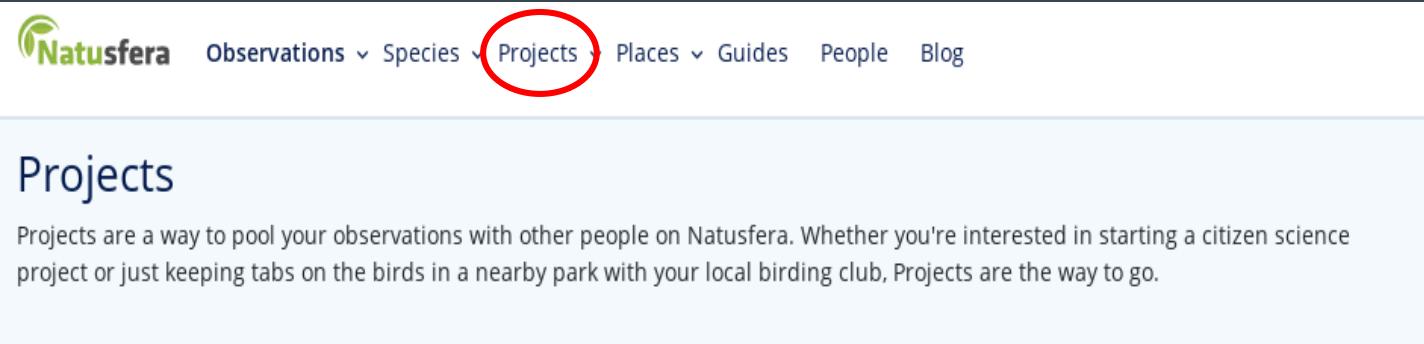
Why would you need Natusfera?



Citizen
Science?

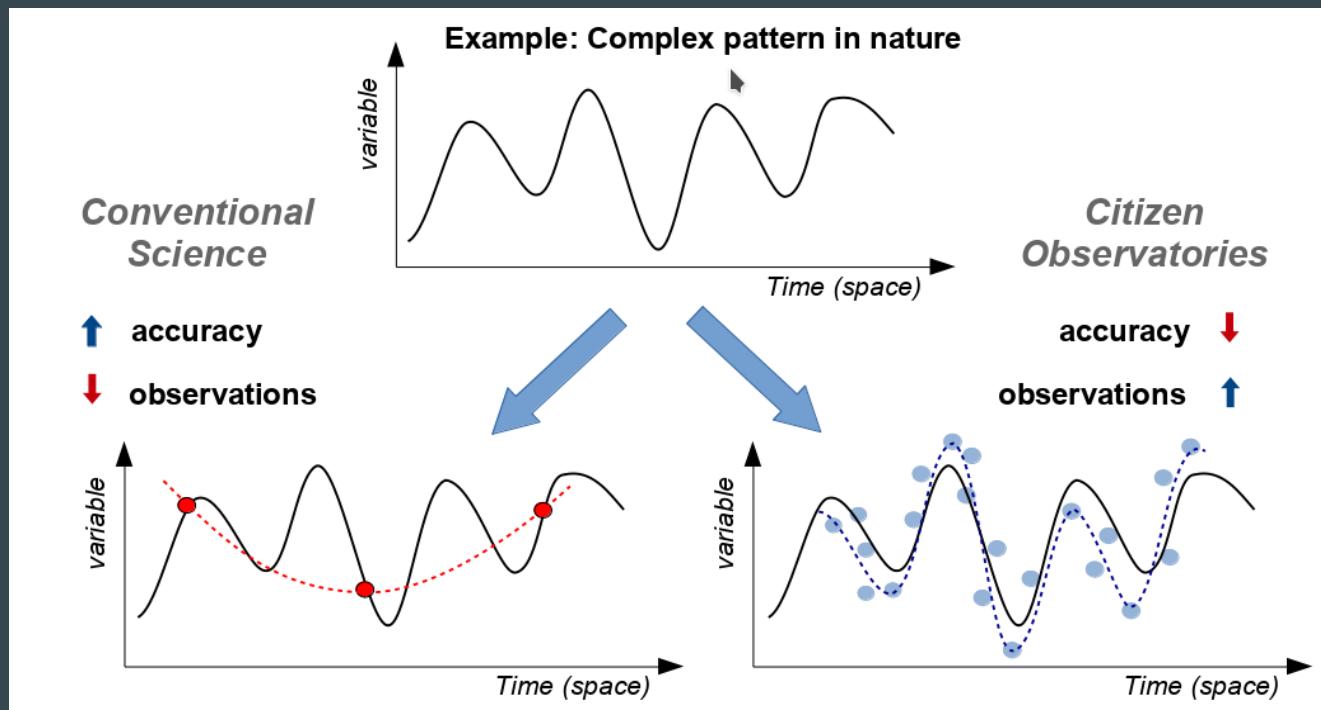


Early warning



The image shows a screenshot of the Natusfera website. At the top, there is a navigation bar with links: Observations, Species, Projects (which is circled in red), Places, Guides, People, and Blog. Below the navigation bar, the word "Projects" is prominently displayed in a large, blue, serif font. Underneath "Projects", there is a descriptive paragraph: "Projects are a way to pool your observations with other people on Natusfera. Whether you're interested in starting a citizen science project or just keeping tabs on the birds in a nearby park with your local birding club, Projects are the way to go."

Why do I need Citizen Scientists?

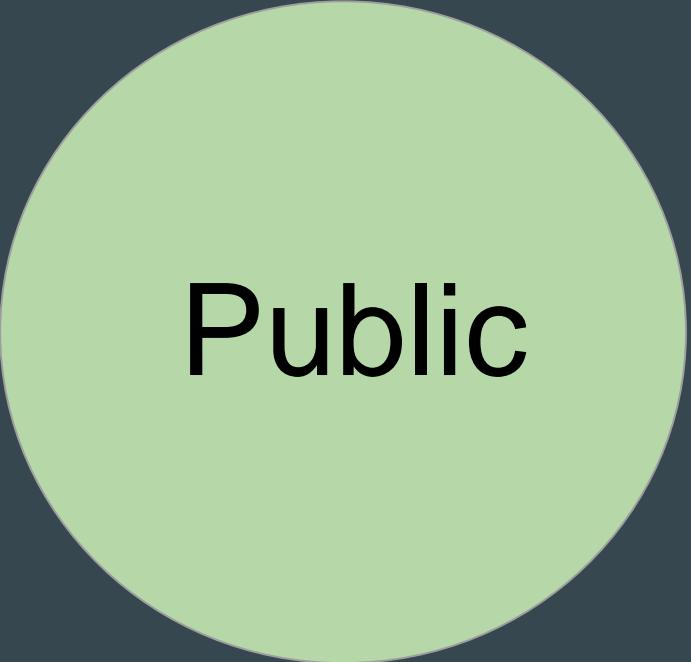


interpolation error > regression error

Projects are highly flexible

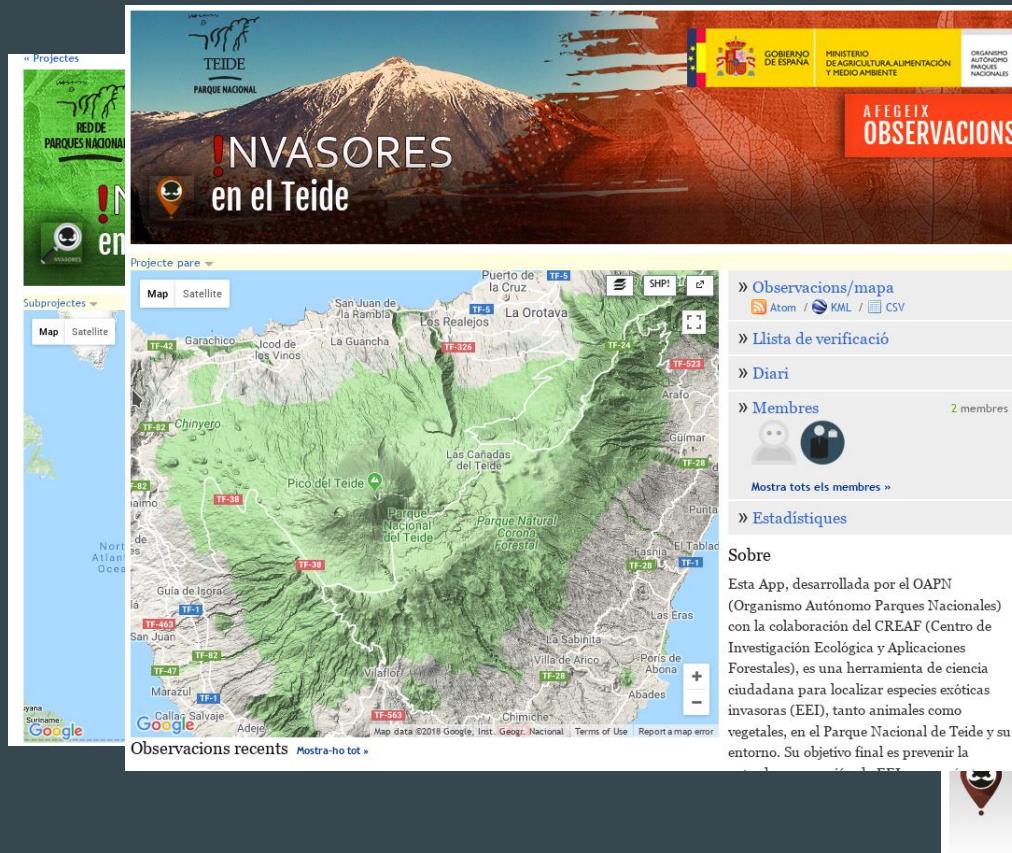


Private

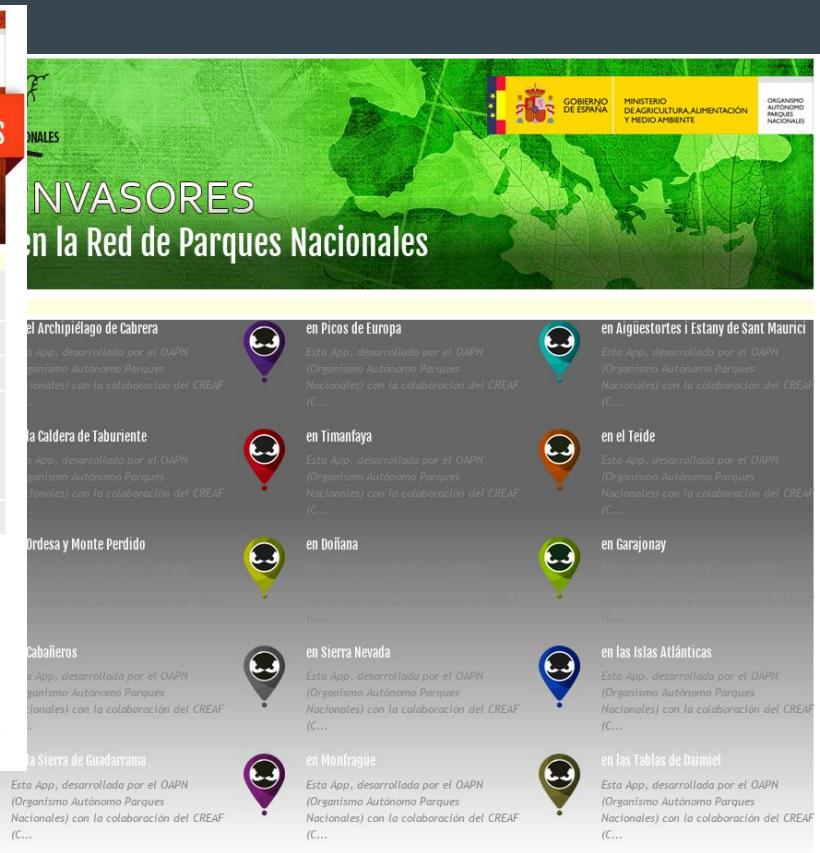


Public

An example of Projects and Subprojects



The screenshot shows the main interface of the 'Invasores en el Teide' app. At the top, there's a banner with the Teide National Park logo, the Spanish flag, and the Ministry of Agriculture, Alimentation, and Environment logo. Below the banner, a large image of Mount Teide is displayed with a red overlay indicating invasive species distribution. A red button on the right says 'AFEGIX OBSERVACIONS'. On the left, there's a sidebar with a green header 'REDDE PARQUES NACIONALES' and a green icon. The main content area has tabs for 'Map' and 'Satellite'. A map of the Teide National Park area is shown with various locations marked by red squares labeled with codes like TF-326, TF-522, etc. Labels on the map include Garachico, Icod de los Vinos, San Juan de la Rambla, La Guancha, Los Realejos, Puerto de la Cruz, La Orotava, Arafo, Güímar, Punta, El Tablado, Las Eras, La Sabineta, Villa de Arico, La Chimiche, Adeje, and Abades. To the right of the map, there are sections for 'Observacions/mapa', 'Llista de verificació', 'Diari', 'Membres' (with 2 members), and 'Estadístiques'. Below the map, a section titled 'Sobre' provides a detailed description of the app's purpose: to prevent exotic invader species (EEI) in the Teide National Park and its surroundings. It mentions it was developed by the OAPN (Organismo Autónomo Parques Nacionales) in collaboration with CREA.

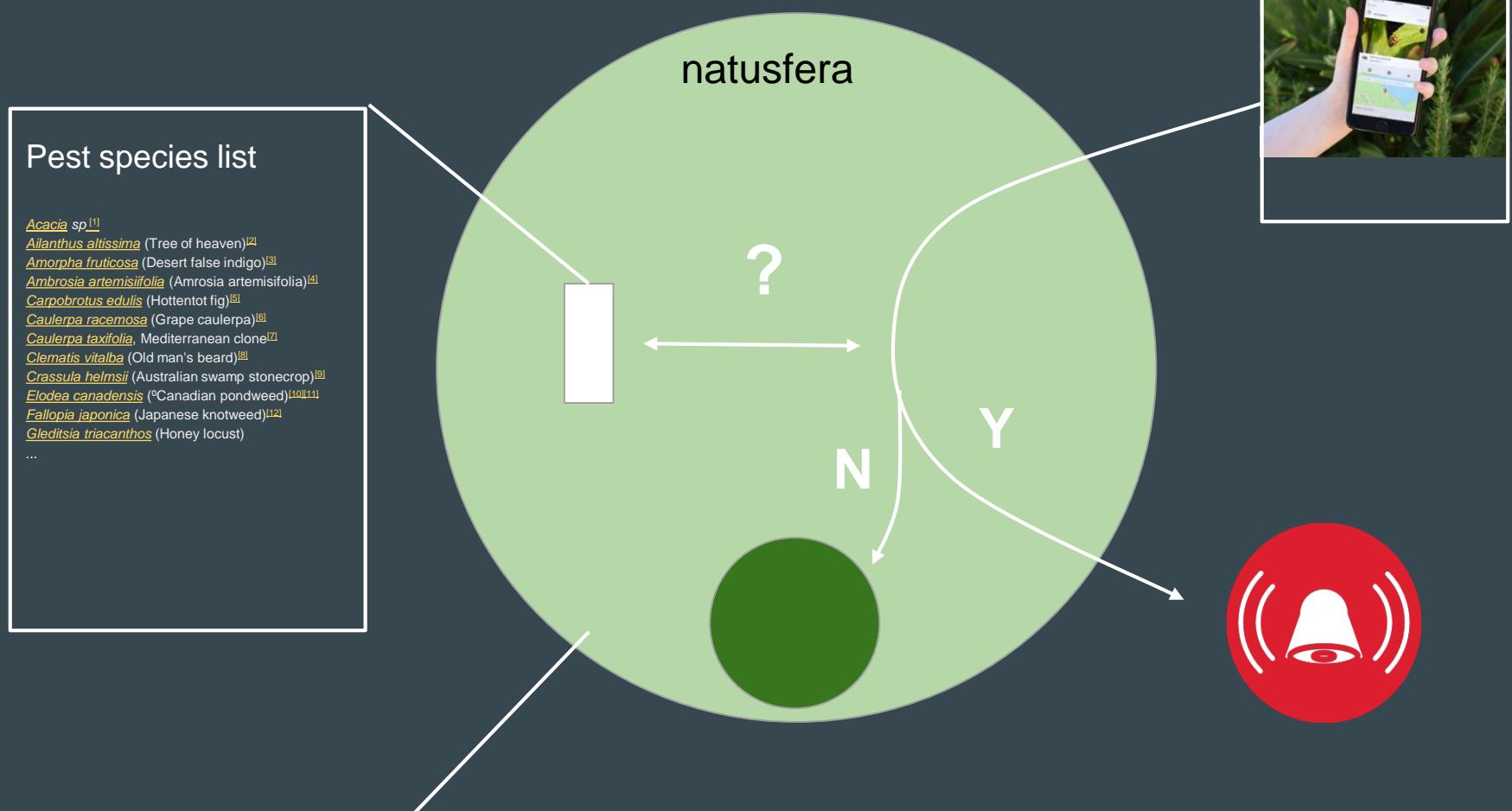


The screenshot shows the main interface of the 'Invasores en la Red de Parques Nacionales' app. It features a banner with the Spanish flag, the Ministry of Agriculture, Alimentation, and Environment logo, and the Organismo Autónomo Parques Nacionales logo. Below the banner, a large green background image shows various national parks across Spain. A red banner at the top says 'INVASORES en la Red de Parques Nacionales'. To the right, there's a grid of 12 cards, each representing a different national park or region where the app is available. Each card includes a location pin icon with a bat symbol, the park name, and a brief description. The cards are:

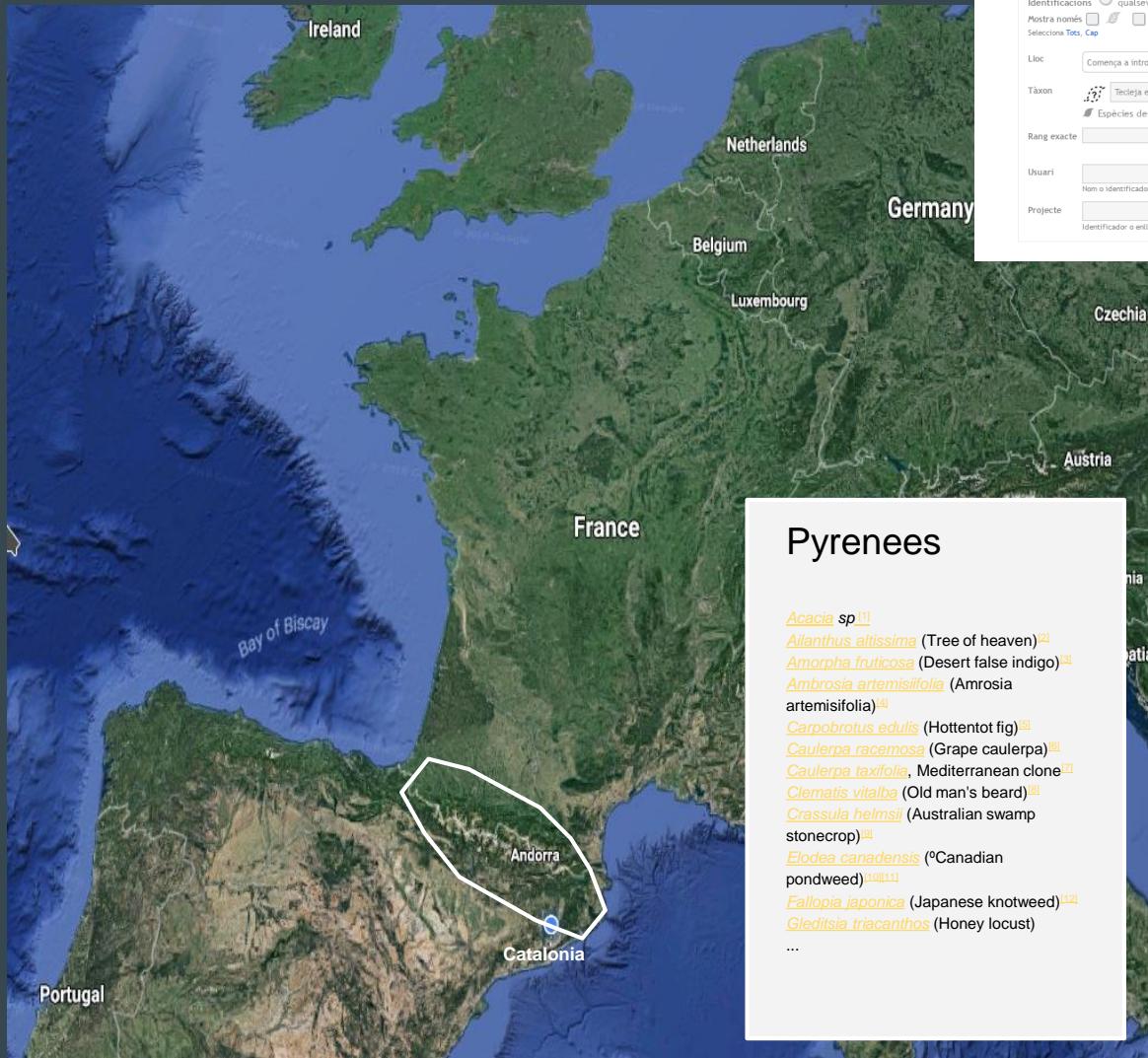
- El Archipiélago de Cabrera
- en Picos de Europa
- en Aigüestortes i Estany de Sant Maurici
- en la Caldera de Taburiente
- en Timanfaya
- en el Teide
- en Ordesa y Monte Perdido
- en Doñana
- en Garajonay
- en Cabárceno
- en Sierra Nevada
- en las Islas Atlánticas
- en la Sierra de Guadarrama
- en Monfragüe
- en las Tablas de Daimiel

Each card also includes a small image of a bat and a link to the app's description.

Early Warning System personalised

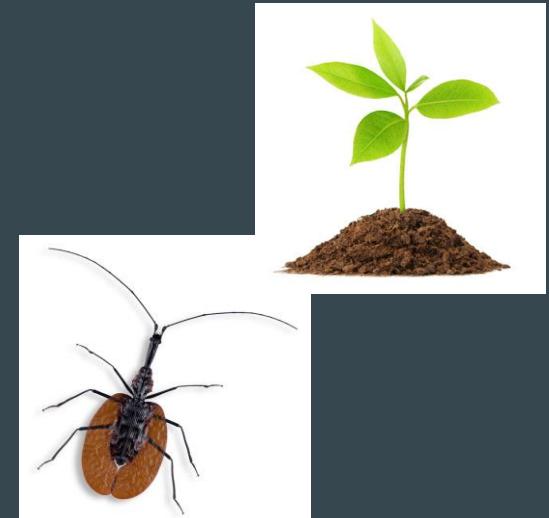


Data Extraction



Pyrenees

Acacia sp [1]
Allanthus allissima (Tree of heaven) [2]
Amorpha fruticosa (Desert false indigo) [3]
Ambrosia artemisiifolia (Ambrosia artemisiifolia) [4]
Carpobrotus edulis (Hottentot fig) [5]
Caulerpa racemosa (Grape caulerpa) [6]
Caulerpa taxifolia, Mediterranean clone [7]
Clematis vitalba (Old man's beard) [8]
Crassula helmsii (Australian swamp stonecrop) [9]
Eloea canadensis (%Canadian pondweed) [10][11]
Fallopia japonica (Japanese knotweed) [12]
Gleditsia triacanthos (Honey locust)



natusfera and QGIS

Import data
by:

The image shows the QGIS website homepage on the left and the NatusferaQGIS plugin interface on the right.

QGIS Website Screenshot:

- Header: GET INVOLVED, DOCUMENTATION, DOWNLOAD
- Title: QGIS
- Subtitle: A Free and Open Source Geographical Information System
- Image: A map showing a green landscape with a red location marker and the text "QGIS 3.0 G has been released".
- Text: New major release! Get the [installer or packages](#) for your Operating System!
- Bottom text: Create, edit, visualise, analyse and publish geospatial information on Windows, Mac, Linux, BSD (Android coming soon)
For your desktop, server, in your web browser and as developer libraries

NatusferaQGIS Plugin Interface:

- Window title: NatusferaQGIS
- Logo: Natusfera logo
- Fields:
 - Username (<http://natusfera.gbif.es/observations>)
 - Project (<http://natusfera.gbif.es/projects>)
 - Species (<http://natusfera.gbif.es/taxa>)
- Buttons:
 - Load (next to Username field)
 - Load (next to Project field)
 - Load (next to Species field)
 - Load Everything
- Text: Attention: if you are going to use data from Natusfera, check the licence of each observation.

Username

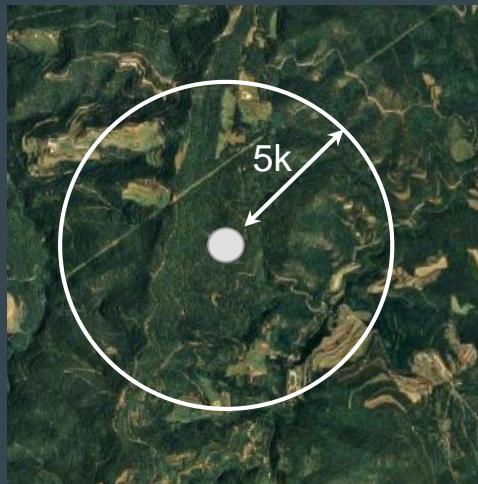
Project

Taxon

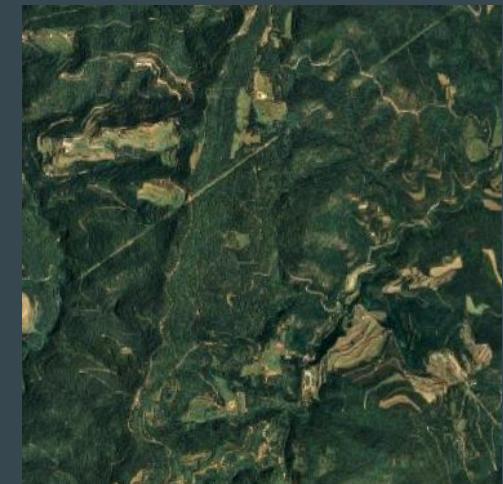
Privacy



Transparent



Diffuse



Private

Default observation license	Default photo license
<input type="radio"/> Attribution	<input type="radio"/> Attribution
<input checked="" type="radio"/> Attribution-NonCommercial	<input checked="" type="radio"/> Attribution-NonCommercial
<input type="radio"/> Attribution-ShareAlike	<input type="radio"/> Attribution-ShareAlike
<input type="radio"/> Attribution-NoDerivs	<input type="radio"/> Attribution-NoDerivs
<input type="radio"/> Attribution-NonCommercial-ShareAlike	<input type="radio"/> Attribution-NonCommercial-ShareAlike
<input type="radio"/> Attribution-NonCommercial-NoDerivs	<input type="radio"/> Attribution-NonCommercial-NoDerivs
<input type="radio"/> No license (all rights reserved) <small>You retain full copyright over your content aside from those rights granted to Natusfera in our Terms of Service.</small>	<input type="radio"/> No license (all rights reserved) <small>You retain full copyright over your content aside from those rights granted to Natusfera in our Terms of Service.</small>
<input type="checkbox"/> Update existing observations with new license choices	<input type="checkbox"/> Update existing photos with new license choices

Ecosystem services... which ones?

Non-Wood Forest Products



natusfera

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A platform to gather biodiversity data