

TALLER GBIF.ES CALIDAD EN BASES DE DATOS DE BIODIVERSIDAD

Madrid, 2-4 Diciembre 2015



Katia Cezón
Unidad de Coordinación – GBIF.ES
Nodo Nacional de Información en
Biodiversidad en España

MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS DE GBIF ESPAÑA

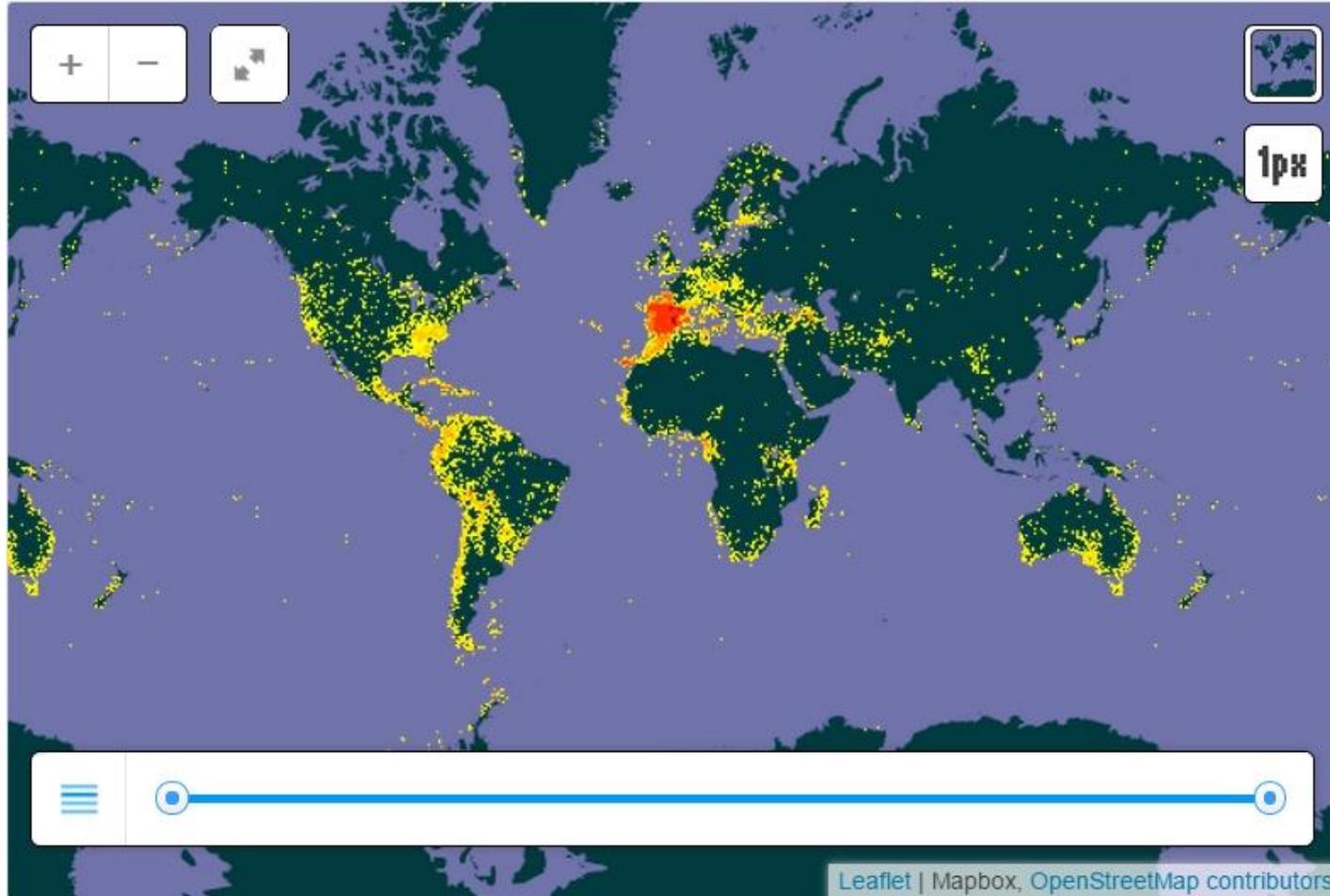
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GBIF ESPAÑA



Data from Spain

- 174 occurrence datasets with 10,073,682 records.
- 6 checklist datasets with 16,674 records.
- 1 metadata-only dataset.
- Spain publishes data covering 222 countries, territories and islands.

MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS

GBIF ESPAÑA

Participation	Node
MEMBER STATUS Voting Participant	NODE NAME GBIF Spain
GBIF PARTICIPANT SINCE 2001	ADDRESS Real Jardín Botánico - CSIC GBIF Spain Coordination Unit Real Jardín Botánico – CSIC C/ Claudio Moyano, 1 E-28014 Madrid info@gbif.es +34 91 4203017
GBIF REGION Europe	NODE ESTABLISHED 2012
HEAD OF DELEGATION Fernando Ballester Diaz	WEBSITE http://www.gbif.es/en
PARTICIPANT NODE MANAGER Francisco Pando	

MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS

GBIF ESPAÑA

INTEGRATED PUBLISHING TOOLKIT (IPT)



The screenshot shows the GBIF IPT website interface. At the top, there is a logo for gbif.es and the text "IPT y servicio de alojamiento asociado de GBIF.ES". Below this, the main heading is "GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)" with the tagline "free and open access to biodiversity data". There are navigation buttons for "Home" and "About". A search bar with "email" and "login" fields is visible, along with a language selector set to "ENGLISH".

The main content area is titled "Resources available through IPT GBIF.es" and features a table with the following columns: Logo, Name, Organisation, Type, Subtype, Records, Last modified, Last publication, and Next publication. A "Filter:" input field is located above the table.

Logo	Name	Organisation	Type	Subtype	Records	Last modified	Last publication	Next publication
	Abundances of Virus-like particles (VLP) resulted in a mesocosm experiment performed in Lake Limnopolar	Not registered	Metadata-only	--	0	2013-10-10	2013-10-10	--
	Antarctic Porifera database from the Spanish benthic expeditions: Bentart, Gebrap and Ciemar	Oceanographic Center of Gijon, Spanish Institute of Oceanography (IEO)	Occurrence	--	766	2013-10-10	2013-09-23	--
	Banco de Datos de la Biodiversidad de la Comunitat Valenciana	Biodiversity data bank of Generalitat Valenciana	Occurrence	Observation	1,342,350	2013-12-19	2013-12-19	--

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<http://www.gbif.es:8080/ipt/>

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Información sobre biodiversidad

- 1 Datos primarios sobre registros biológicos
- 2 Checklists
- 3 Metadatos generales



Data papers

PhytoKeys 26: 7–19 (2013)
doi: 10.3897/phytokeys.26.5396
www.phytokeys.com

DATA PAPER



Herbarium of the University of Malaga (Spain): Vascular Plants Collection

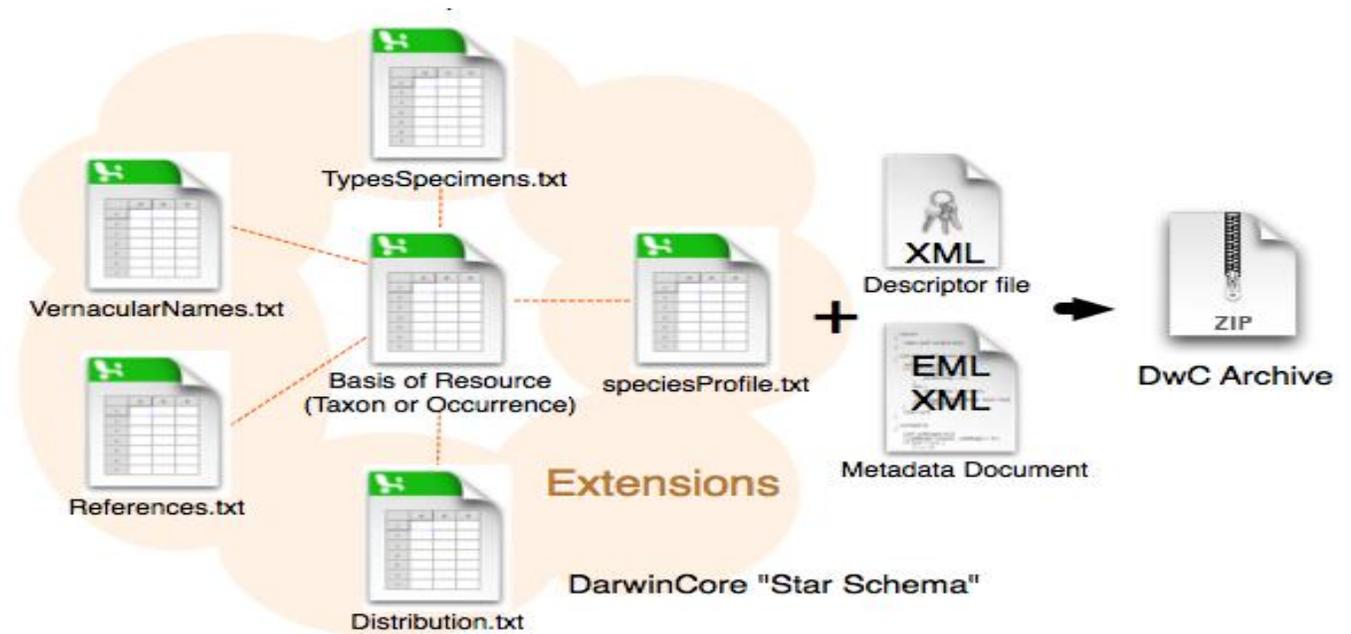
José García-Sánchez¹, Baltasar Cabezudo²

¹ Herbarium curator. University of Málaga, Servicios Centrales de Apoyo a la Investigación (SCAI). Bulevar Louis Pasteur, 33. Campus de Teatinos, 29071, Málaga, Spain ² Scientific Manager. University of Málaga, Department of Plant Biology (Botany Area), Faculty of Sciences, University of Málaga. Campus Teatinos s/n., 29071, Málaga, Spain

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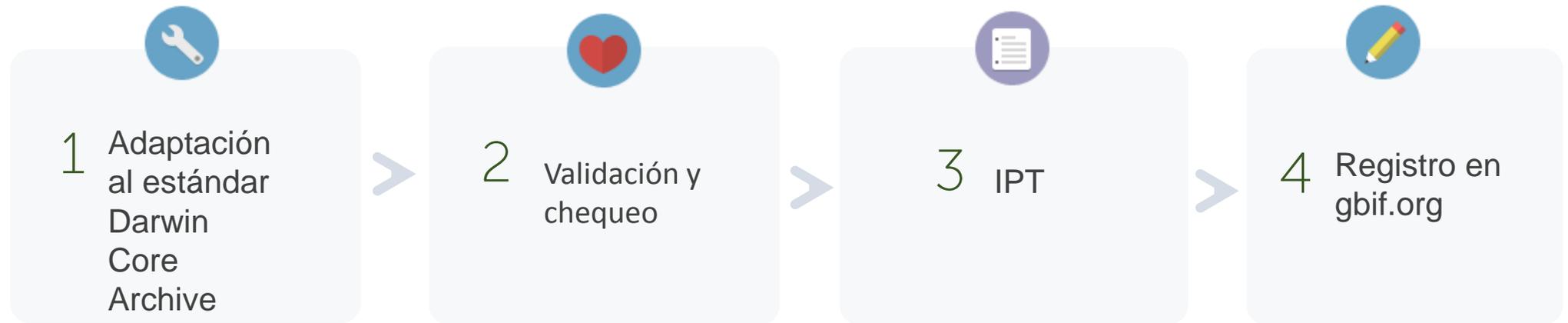
El IPT trabaja con el estándar Darwin Core Archive



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GBIF ESPAÑA

FLUJO DE TRABAJO



MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS

GBIF ESPAÑA

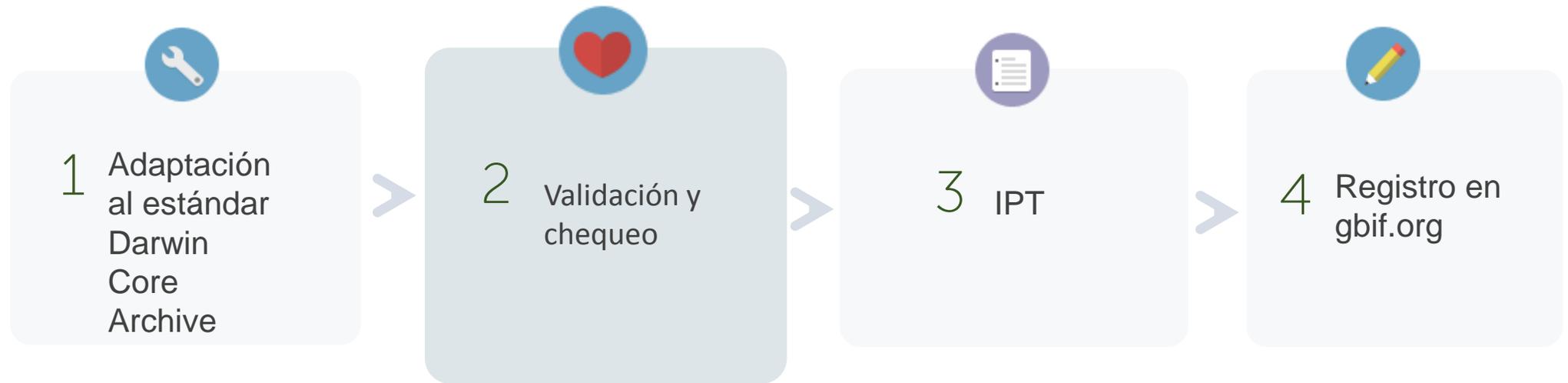
FLUJO DE TRABAJO



MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS

GBIF ESPAÑA

FLUJO DE TRABAJO



MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS

GBIF ESPAÑA

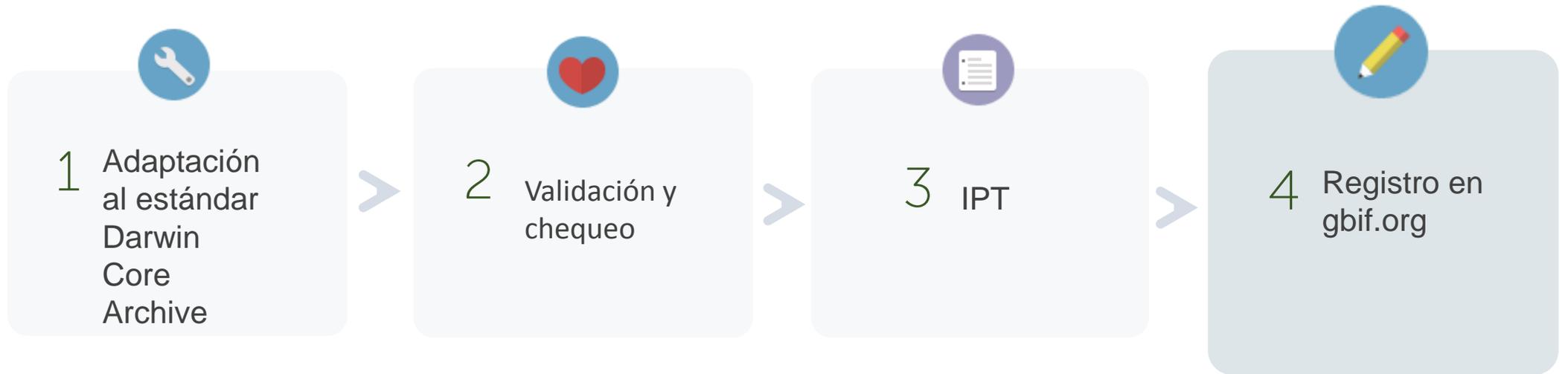
FLUJO DE TRABAJO



MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS

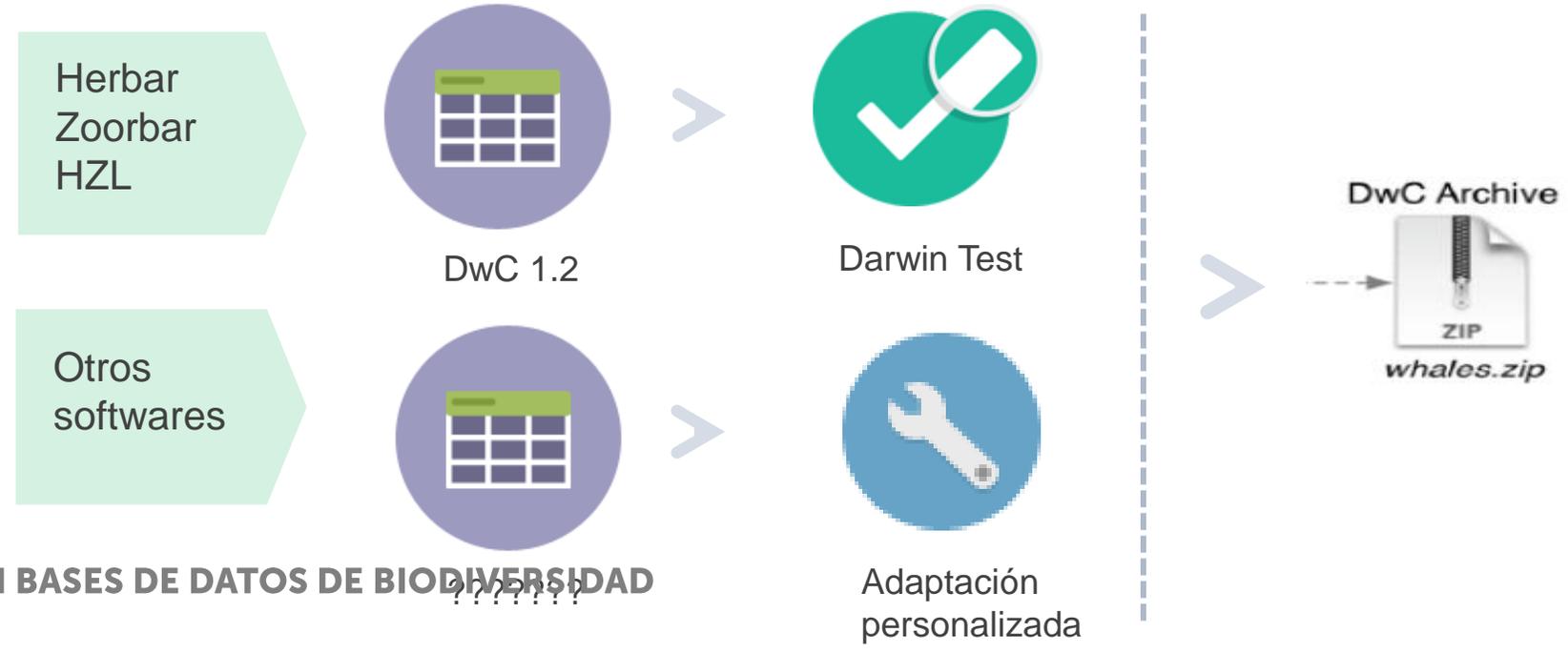
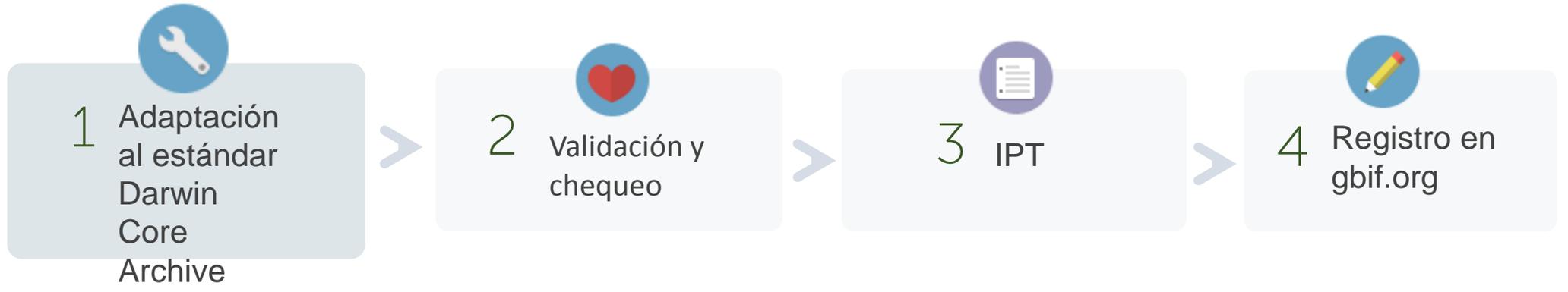
GBIF ESPAÑA

FLUJO DE TRABAJO



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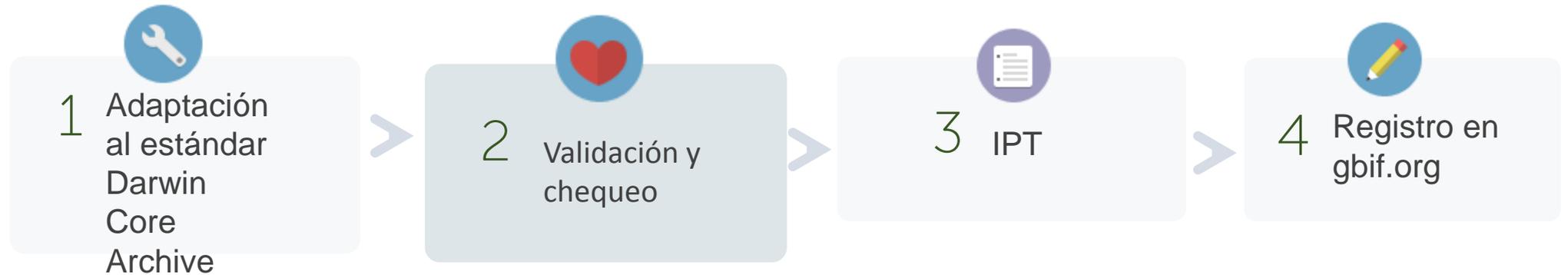
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Darwin Test

- Detecta posibles errores
- Permite corregirlos
- Elimina ASCII anómalos
- Calcula ICA (Apparent Quality Index)

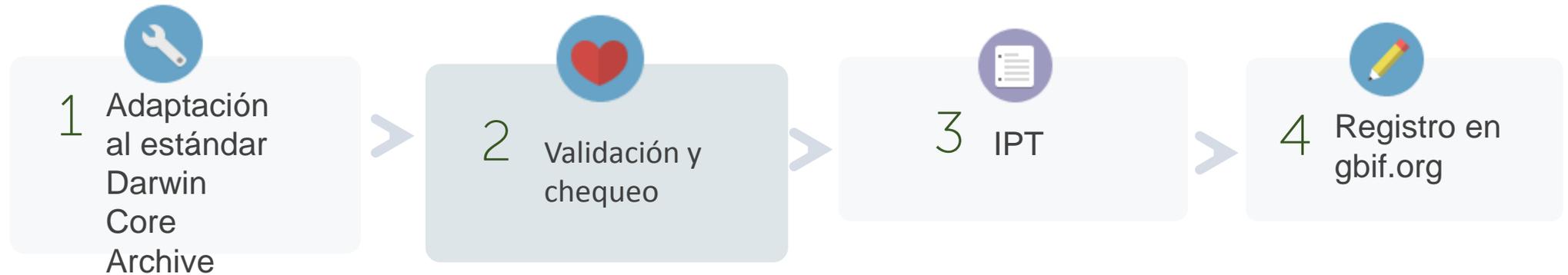


<http://tools.gbif.org/dwca-validator/>
Chequea la estructura de Darwin Core Archive



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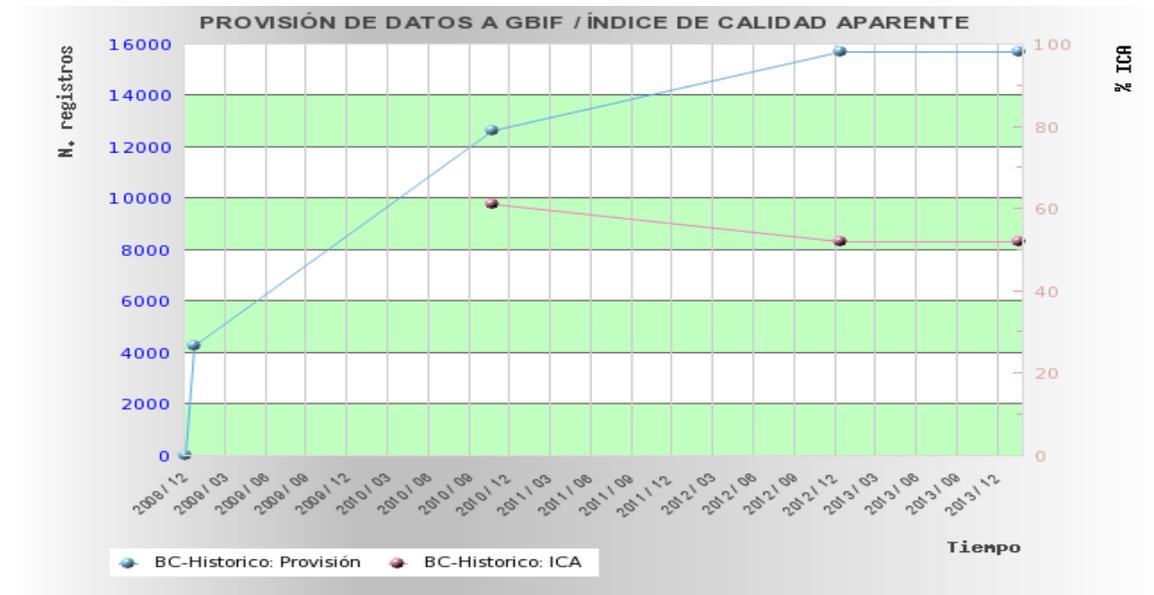
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ICA (Índice de calidad Aparente)

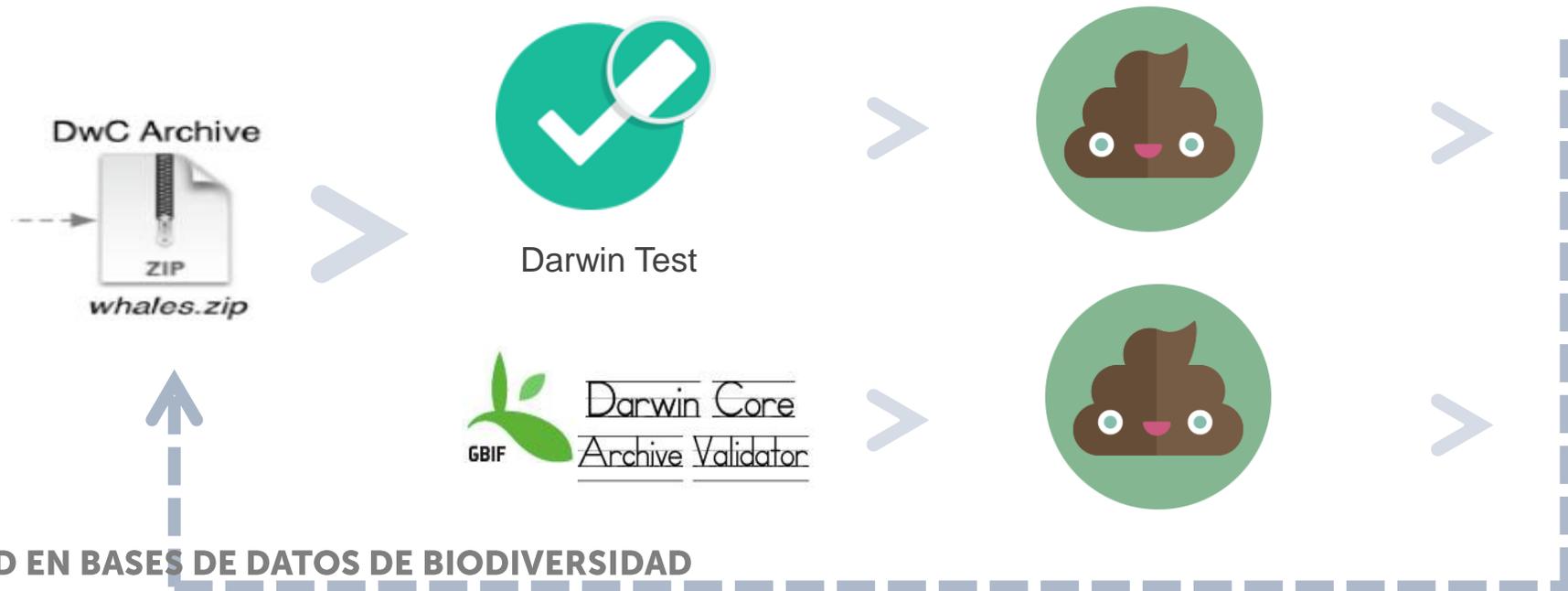
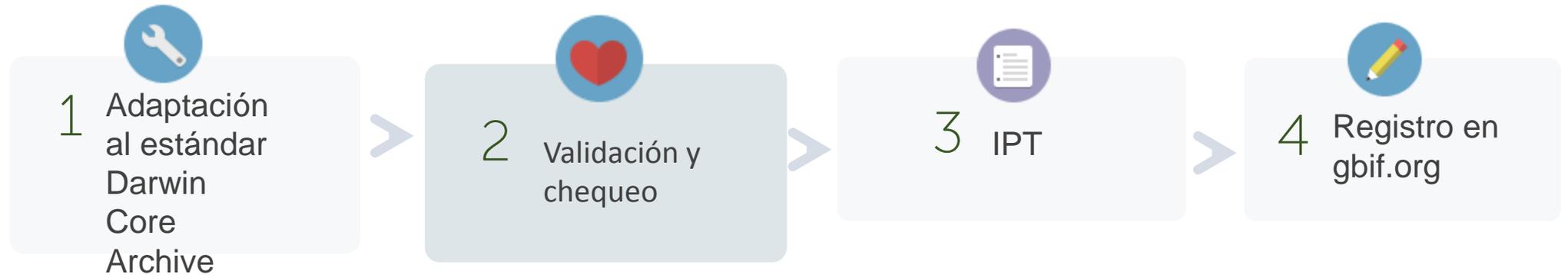
El ICA es un indicador creado para dar una idea de la calidad de un juego de datos de presencia en formato Darwin Core.

- Componente taxonómico
- Componente geográfico
- Componente temporal



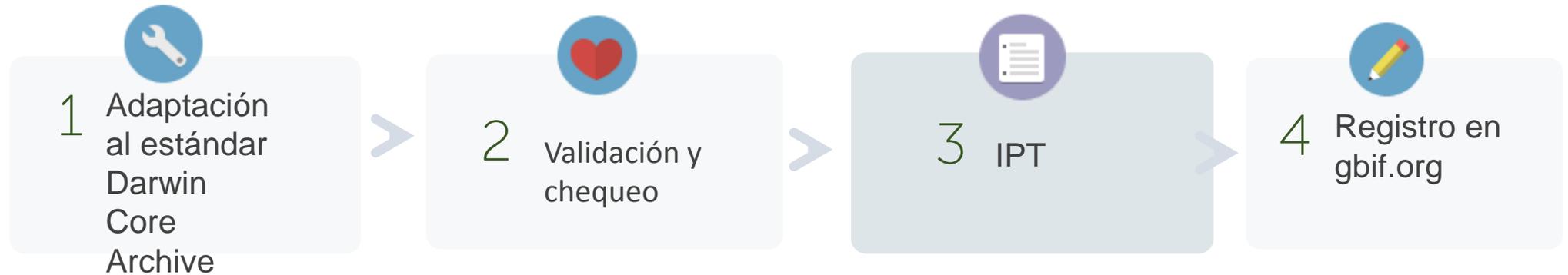
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 **gbif.es** IPT y servicio de alojamiento asociado de GBIF.ES
GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)
free and open access to biodiversity data

Create New Resource

You can create a new blank resource, upload an existing resource saved as a zipped Darwin Core archive, or upload an existing IPT resource using its zipped resource configuration folder. Please refer to the User Manual for more specific instructions. A short name is required as an identifier for the resource within this IPT installation. Please use only alphanumeric characters, hyphens, or underscores.

Shortname

Type

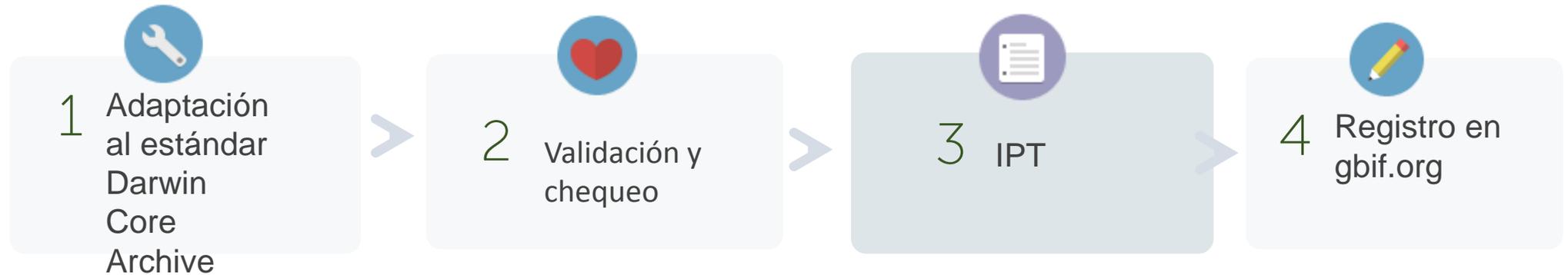
 Select a type (optional) ▾

Optional archived resource to load:

No file selected

MODELO DE VALIDACIÓN Y PUBLICACIÓN DE DATOS

GBIF ESPAÑA



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Shortname

Type

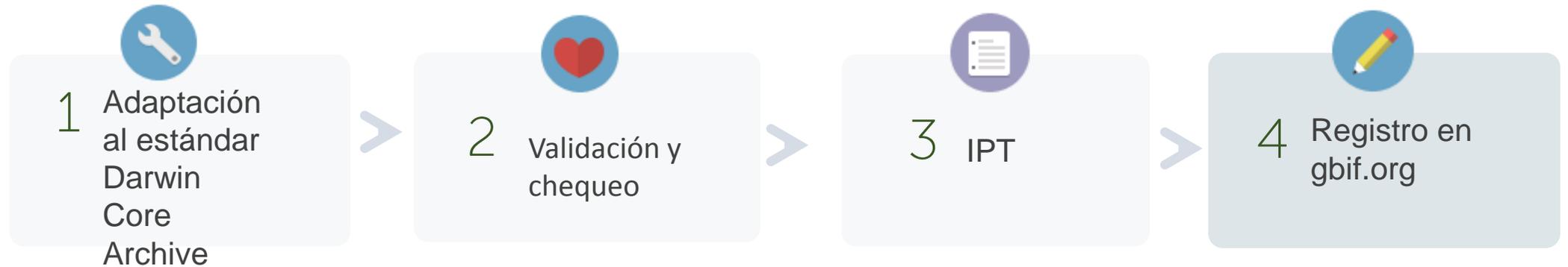
i Select a type (optional) ▾

Optional archived resource to load:

No file selected

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Visibility *Public*

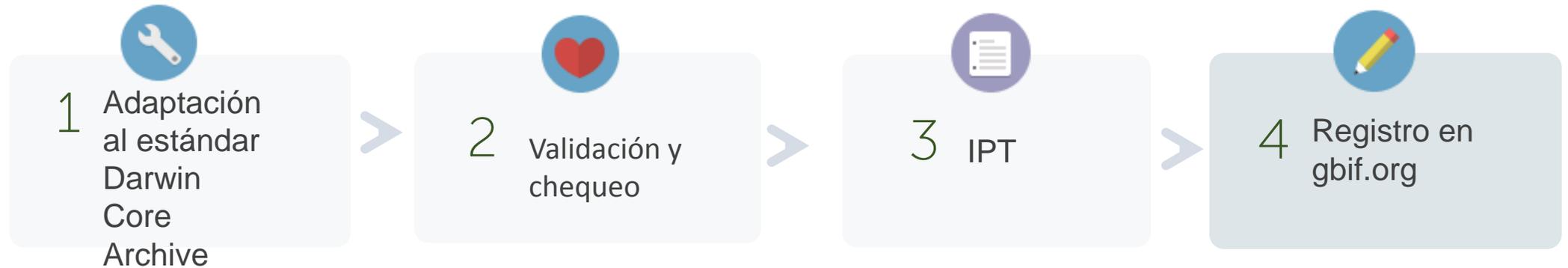
University of Navarra

This resource is public and available to everyone. To make it discoverable, please select the organisation to which the resource is associated and register it with GBIF. To make it accessible only to managers, make it private.

i If you want this resource to update an existing registered DIGIR, BioCASE, or TAPIR resource, please ensure the resource is registered against the same owning organization, and that the existing registered resource UUID has been added to the resource's list of alternative identifiers on the [Additional Metadata](#) page.

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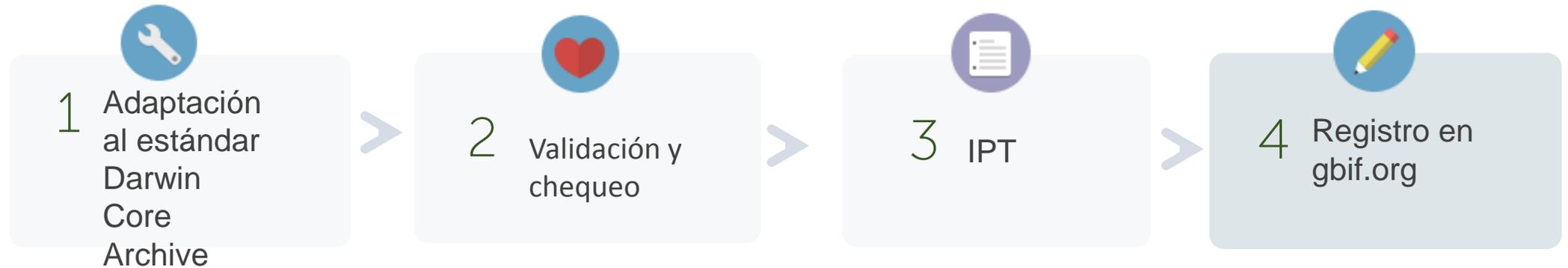


The screenshot shows the GBIF website with the following content:

- GBIF logo and navigation menu (Data, News, Community, About)
- Global Biodiversity Information Facility
- Free and open access to biodiversity data
- Statistics: 417,857,495 OCCURRENCES, 1,426,888 SPECIES, 11,976 DATASETS, 583 DATA PUBLISHERS
- Mission statements:
 - Sharing biodiversity data for re-use (Learn about GBIF, Publish your data through GBIF, Technical infrastructure)
 - Providing evidence for research and decisions (Using data through GBIF, Enabling biodiversity science, Supporting global targets)
 - Collaborating as a global community (Current Participants, How GBIF is funded, Enhancing capacity)

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GBIF.ORG
Free and open access to biodiversity data

Data ▾ News ▾ Community ▾ About ▾

Instit Botanic de Barcelona, BC-Li...

Occurrence dataset published by Botanical Institute of Barcelona (CSIC - Ayuntamiento de Barcelona)

1.992 Occurrences

[View occurrences](#)

Information Stats Activity

Summary

FULL TITLE
Instit Botanic de Barcelona, BC-Lichenotheca

DESCRIPTION
Instit Botanic de Barcelona, BC-Lichenotheca. 1.000 ejemplares ordenados alfabéticamente, a los que hay que añadir unas 700 muestras pendientes de intercalar, fruto de diversas donaciones como las exsiccatas de Suecia y material recolectado por Font i Quer, Palau Ferrer, X. Llimona, etc. También se conservan las colecciones de Werner, las caliciales de Tibell y las recolecciones de Llenas (300 pliegos) y Llorenç Navás (135

IBB
Instit Botànic de Barcelona
PUBLISHED BY
Botanical Institute of Barcelona (CSIC - Ayuntamiento de Barcelona)

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Gracias