

Plinian Core



Clases, Elementos Ratificación del Estándar

Camila Plata – Equipo Coordinador SiB Colombia

Task Group Plinian Core

- María Mora (CRBio)
- Manuel Vargas (CRBio, Costa Rica)
- William Ulate (MoBot, USA)
- Camila Plata (SIB Colombia)
- Francisco Pando (GBIFES/CSIC, Spain)



CESP-20-006 From shared experiences to shared knowledge and common solutions:
collaborating to improve web-based tools in Latin America and the Caribbean



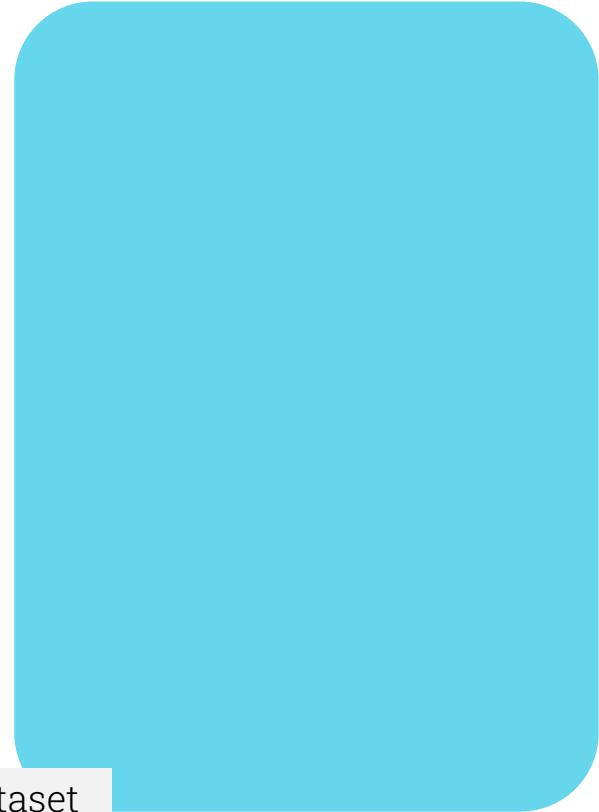
Fichas/páginas de Especies/Taxones

Audiencia:
público no especializado y expertos

Más allá de la taxonomía

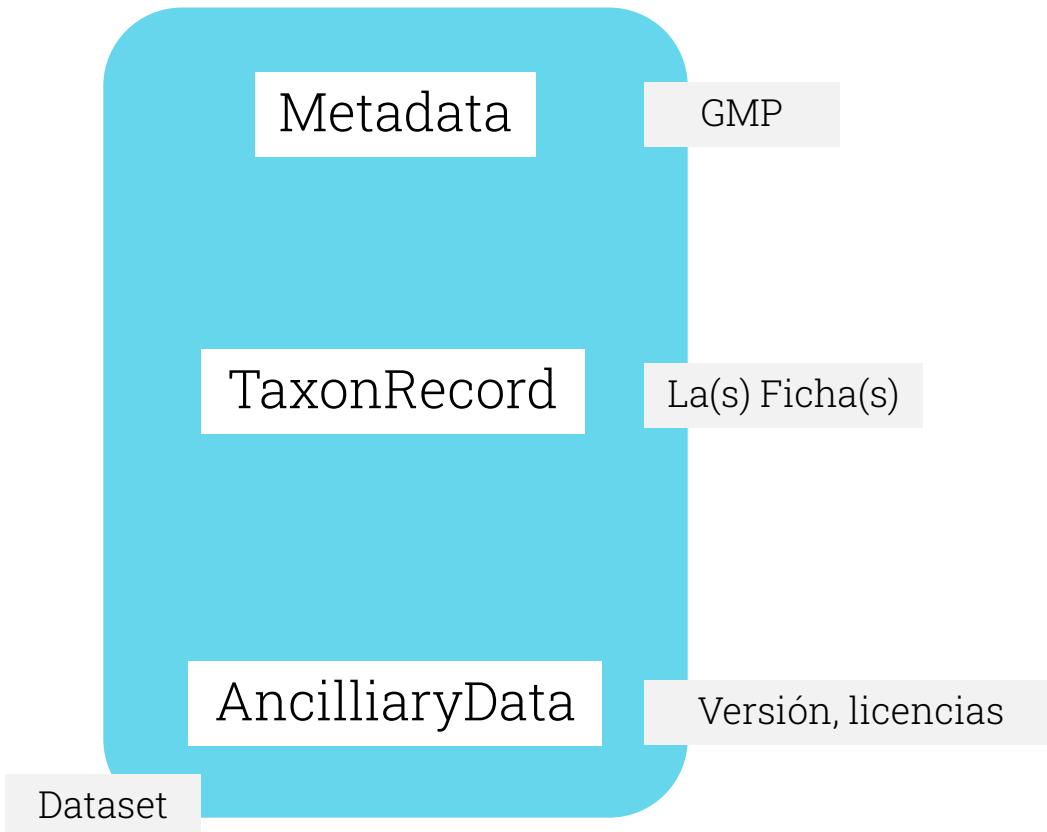
Interoperabilidad- GBIF
ALA

Estructura del Estándar

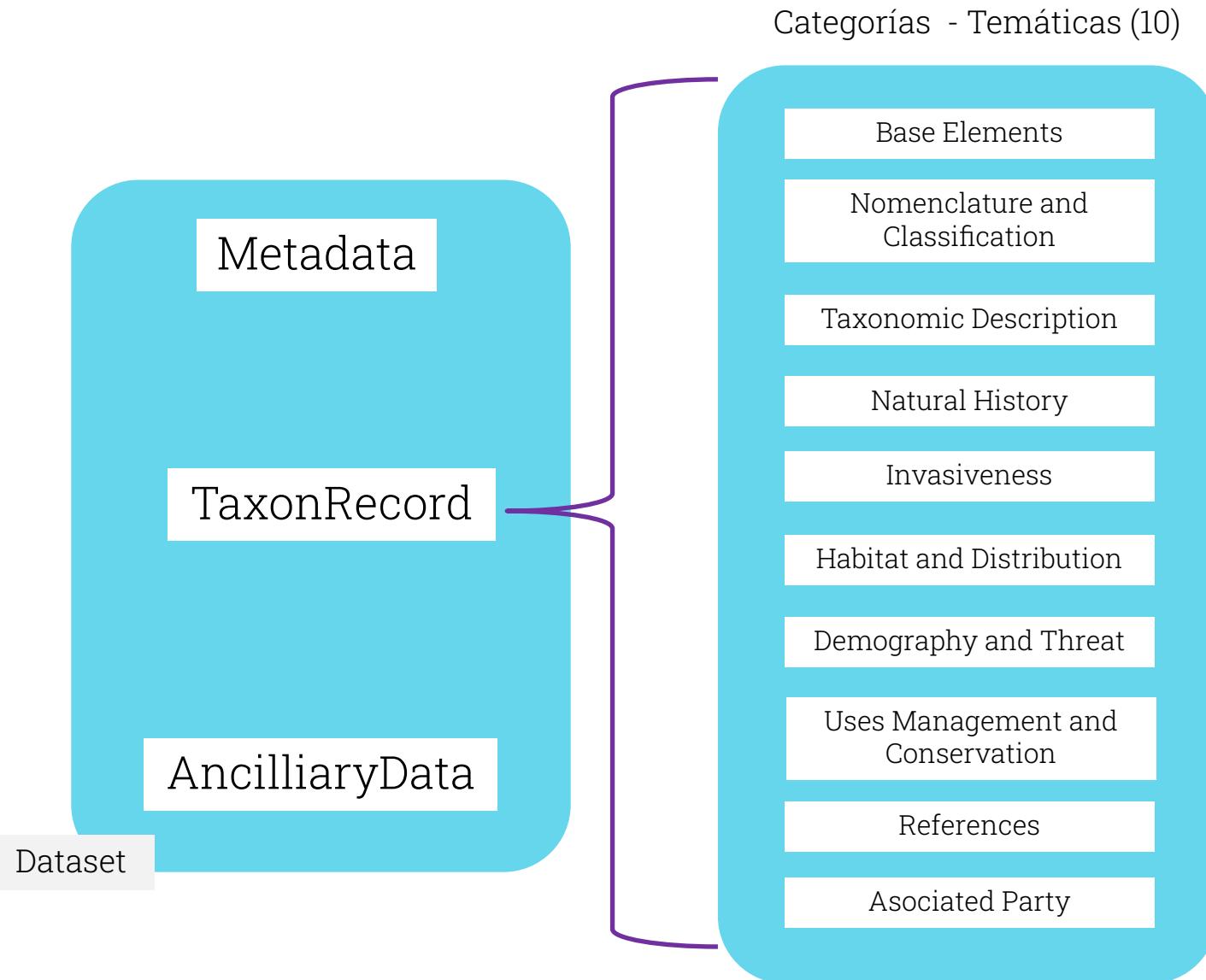


Dataset

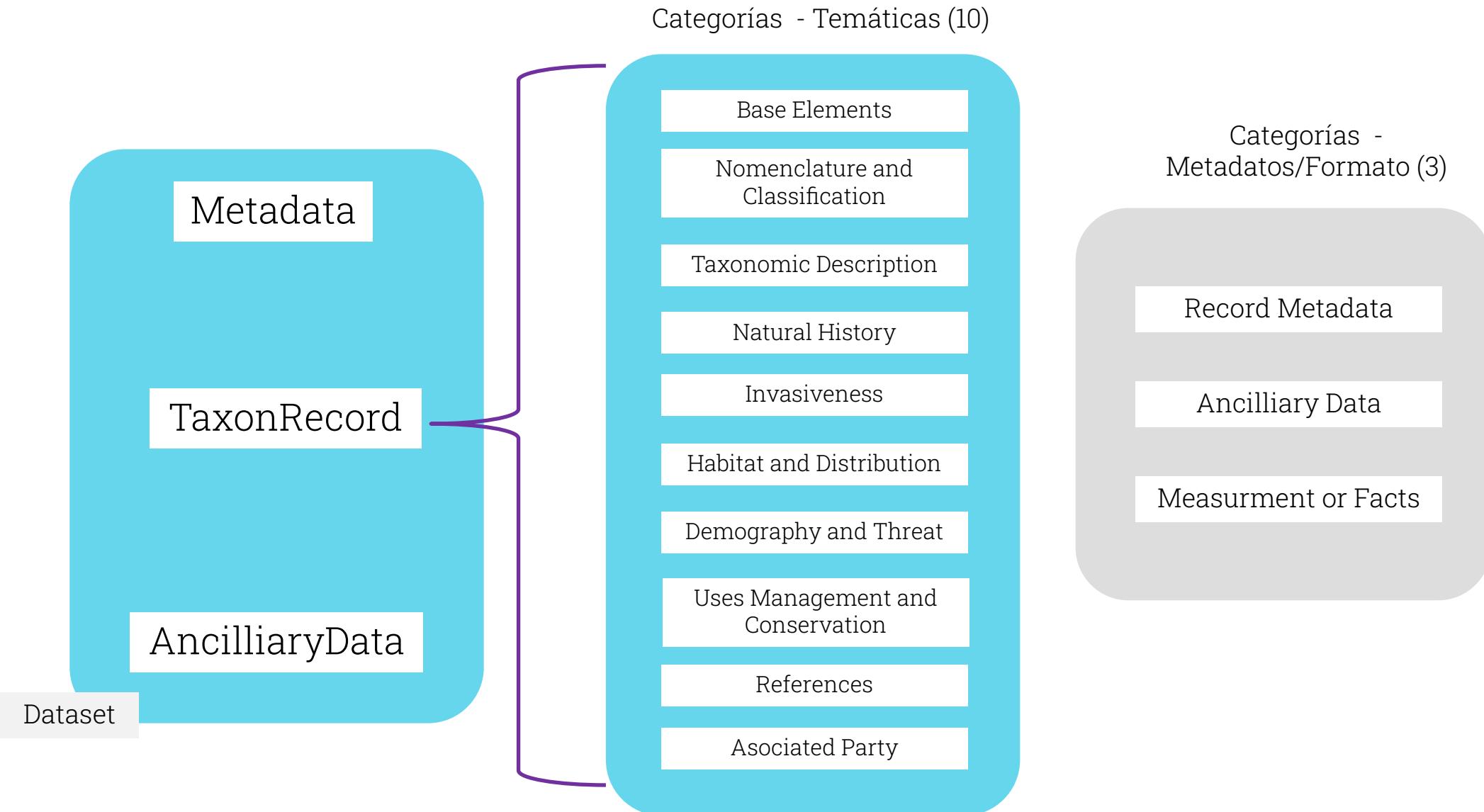
Estructura del Estándar



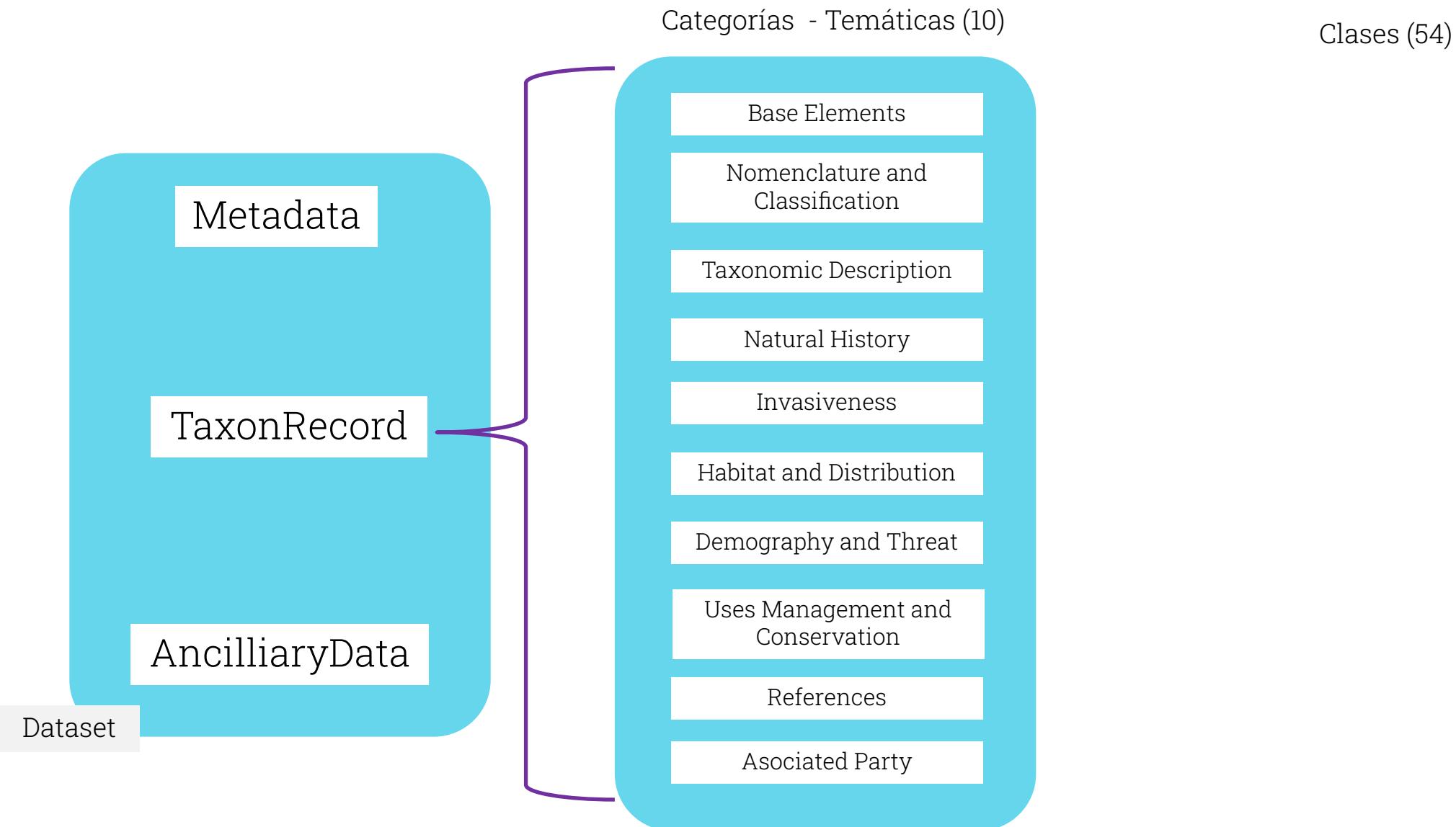
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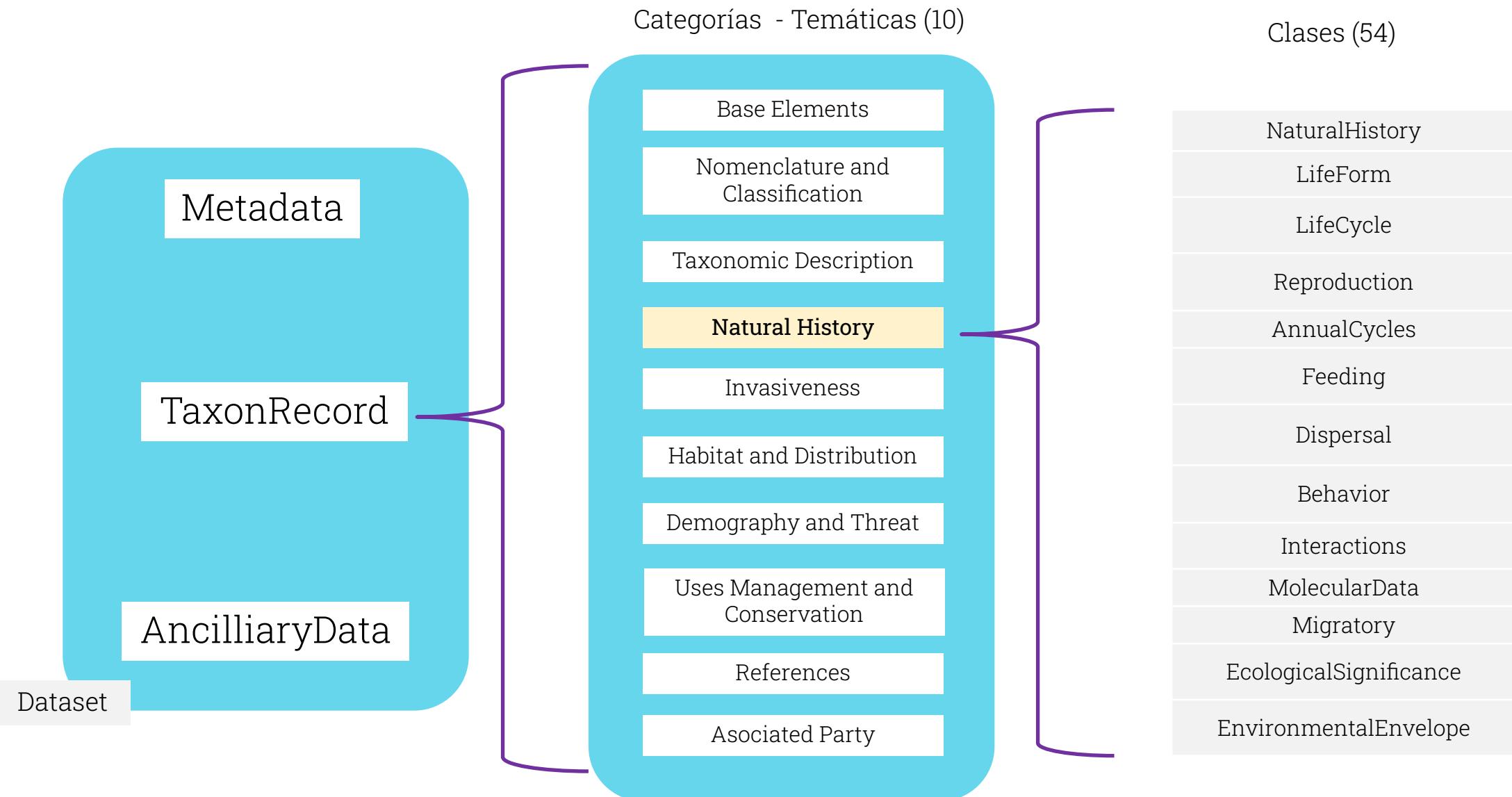
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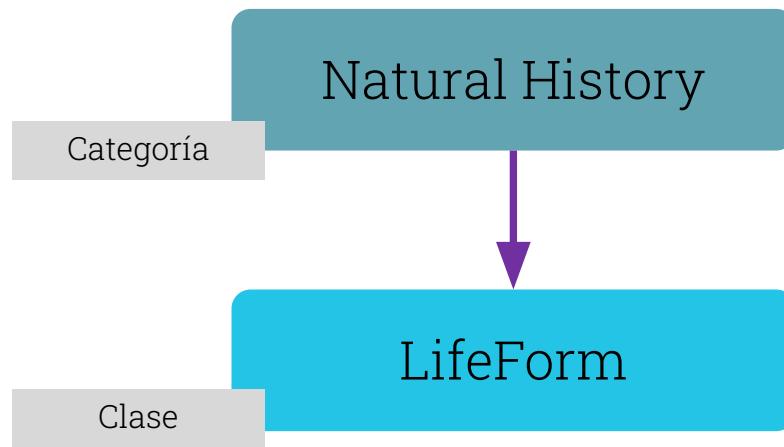
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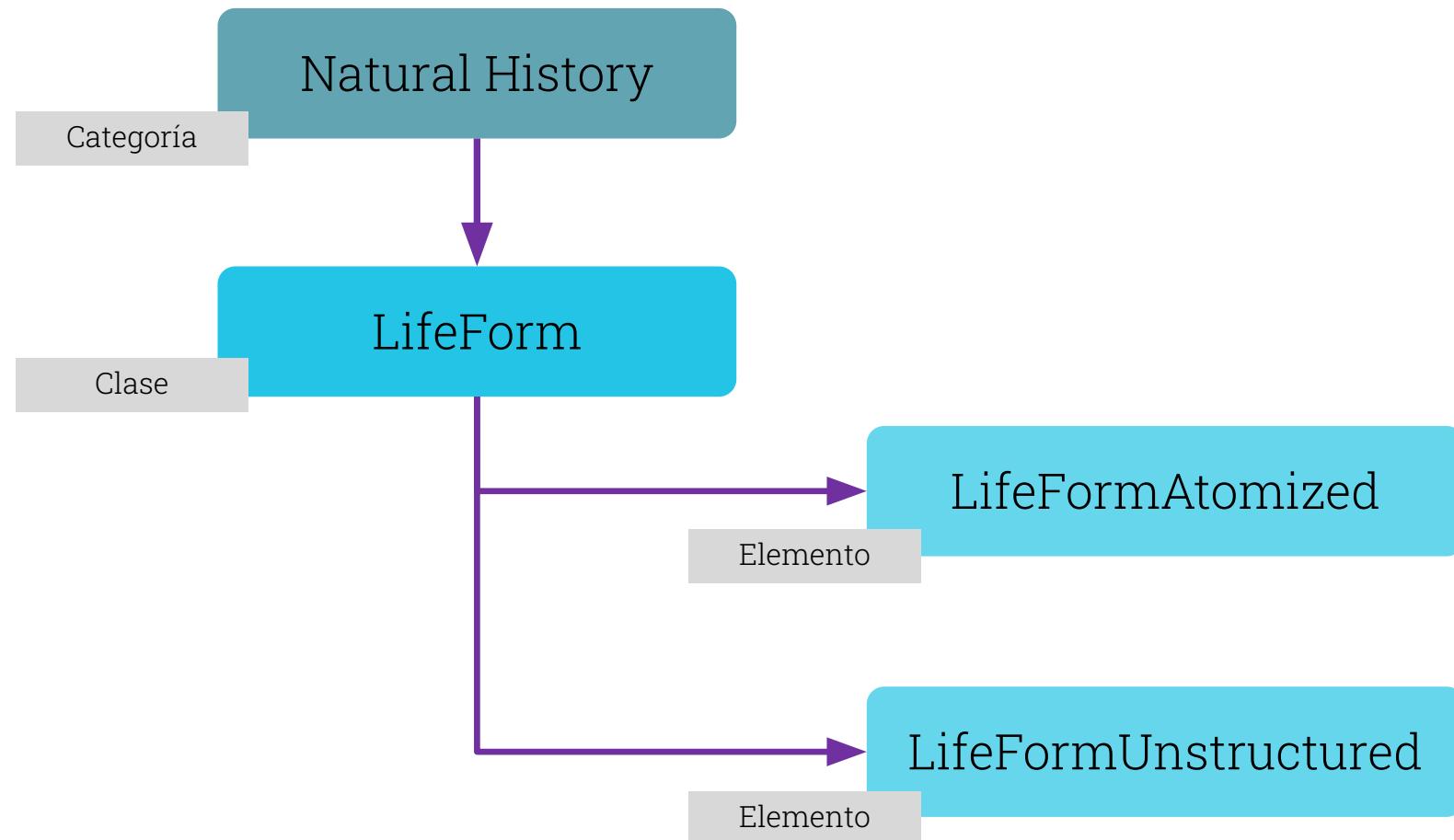
Estructura del Estándar



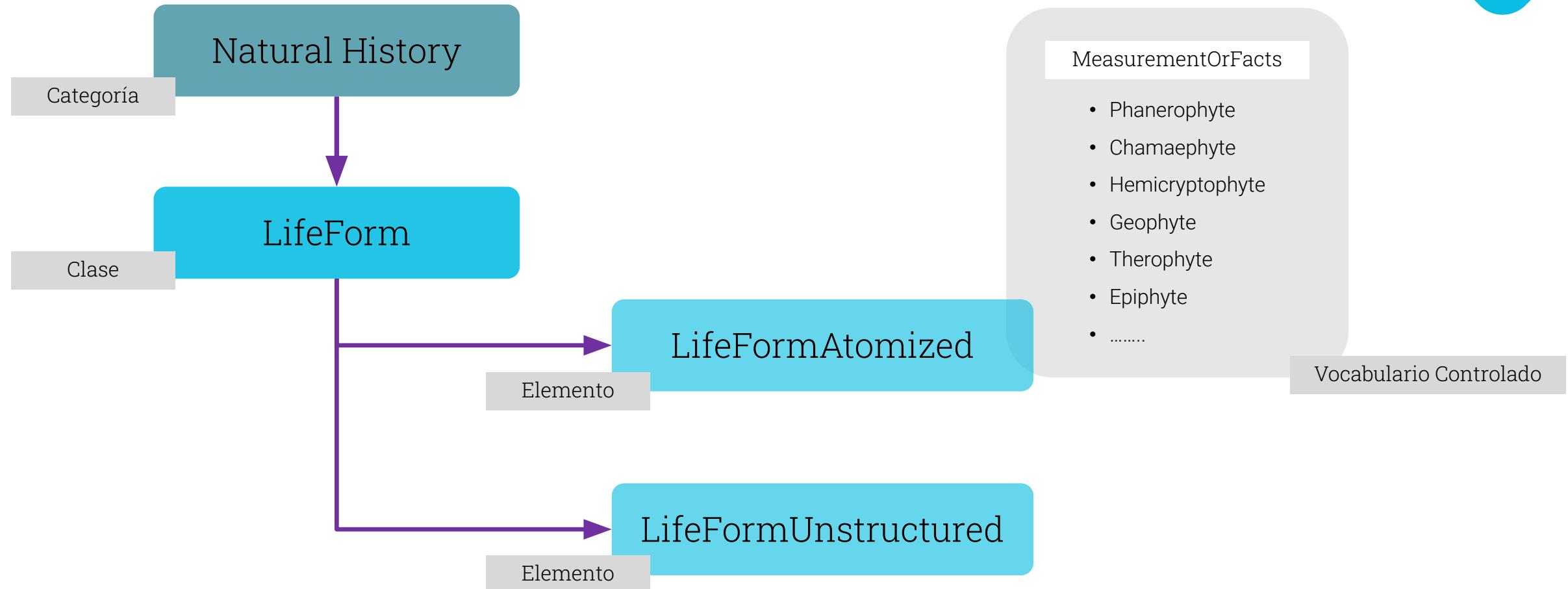
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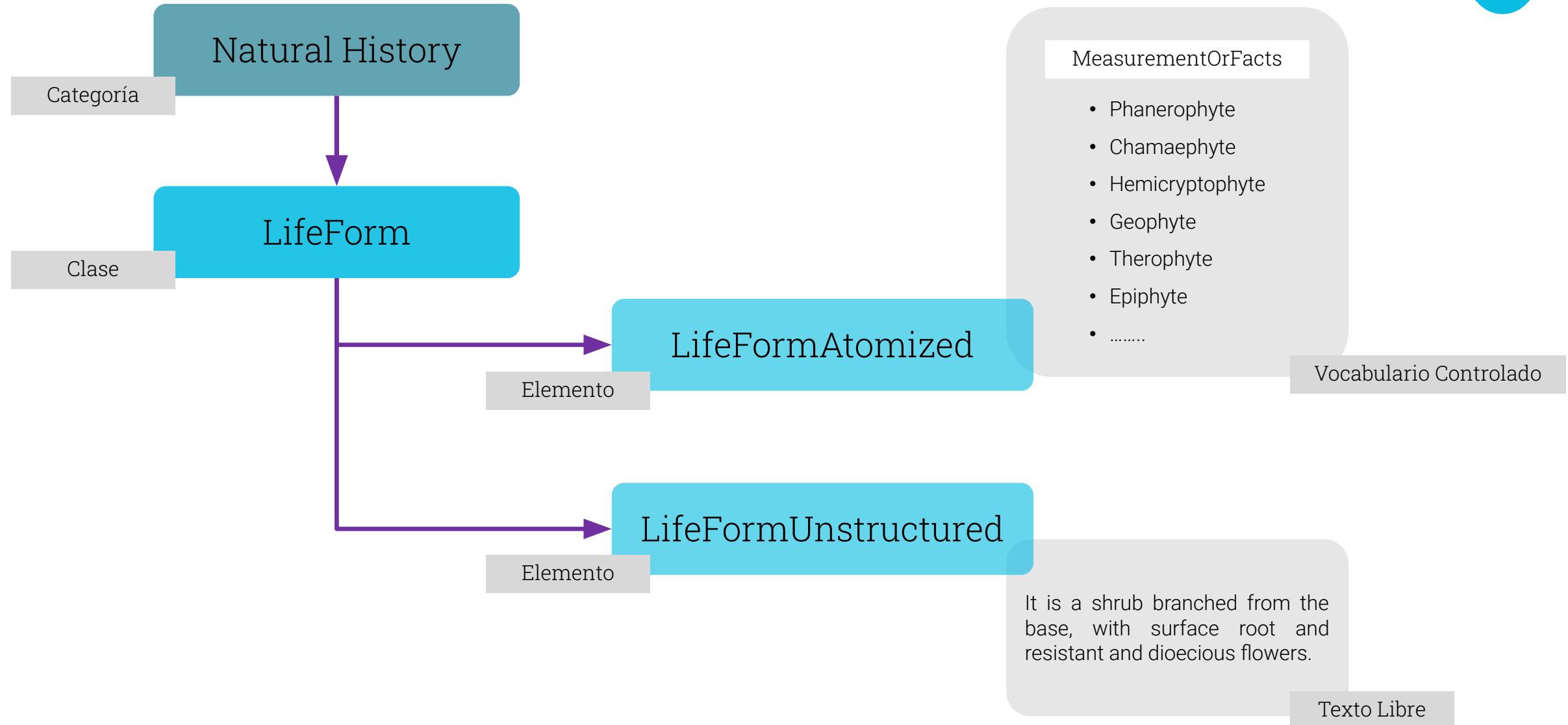
Estructura del Estándar – Ejemplo 1



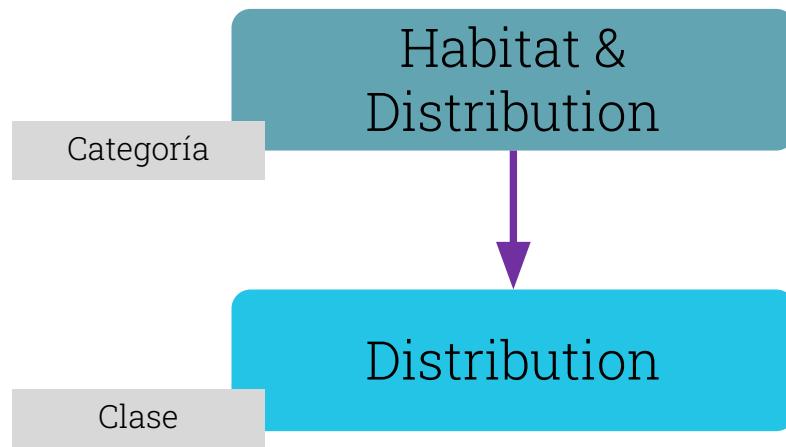
Estructura del Estándar – Ejemplo 1



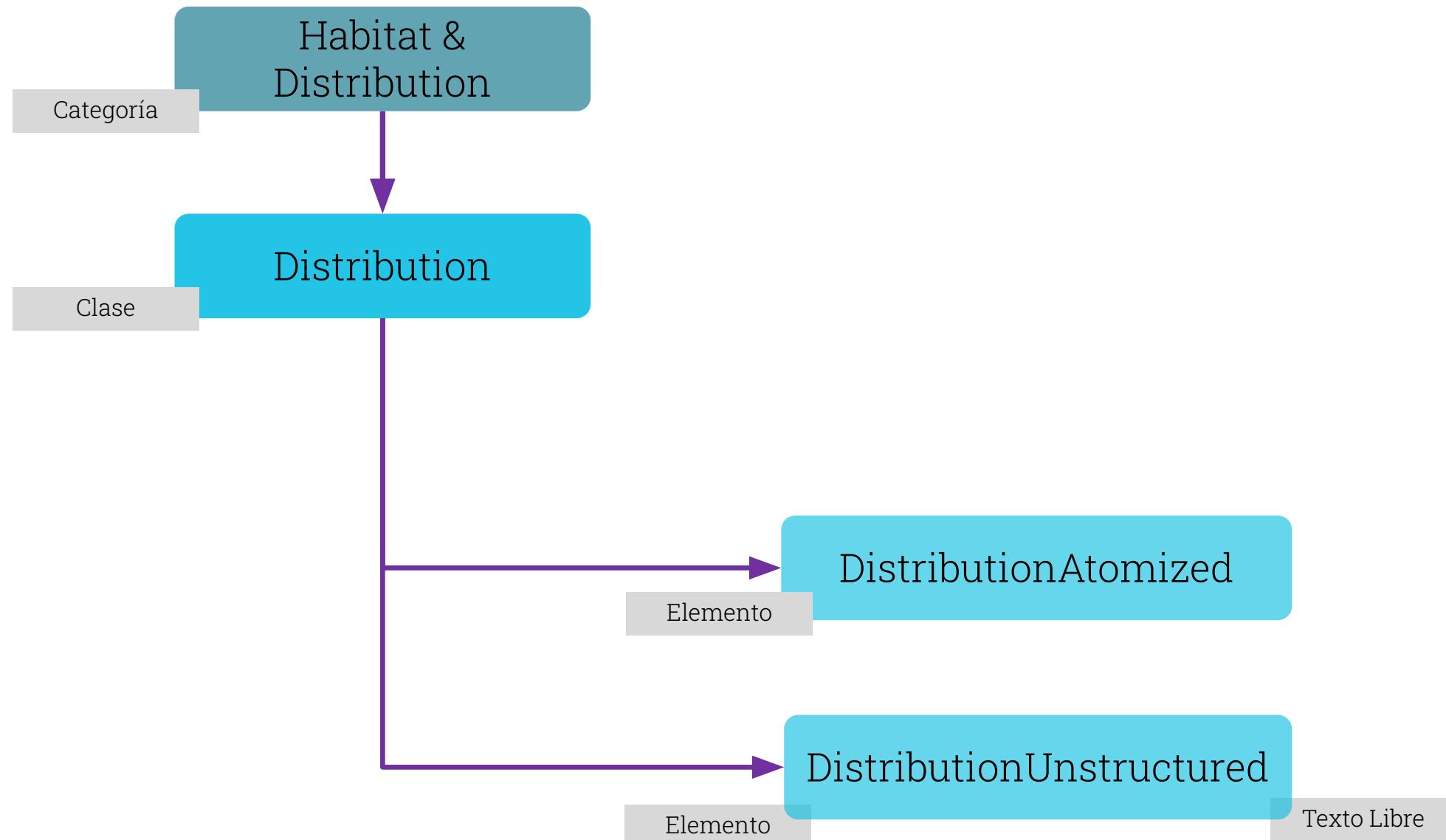
Estructura del Estándar – Ejemplo 1



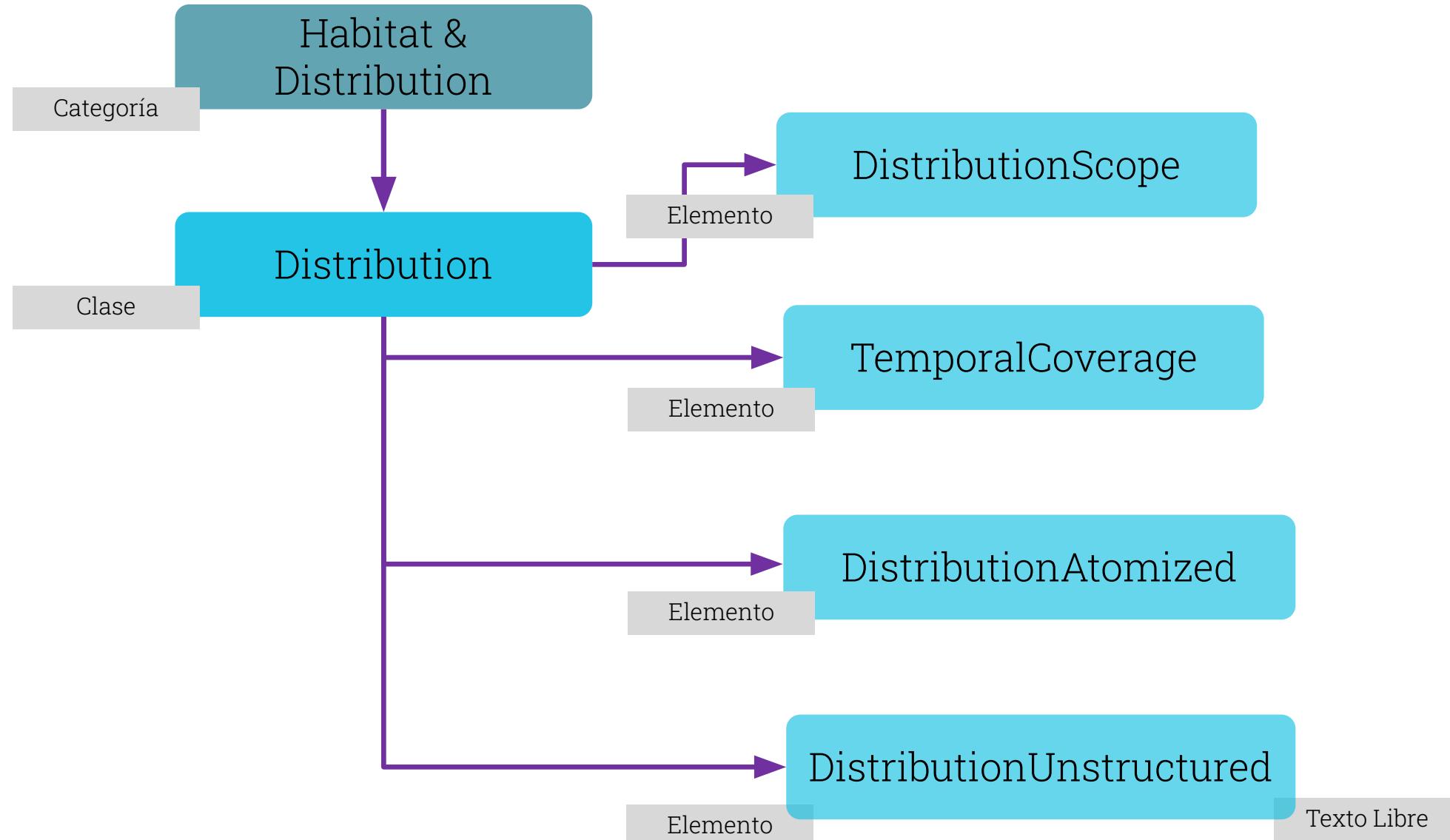
Estructura del Estándar – Ejemplo 2



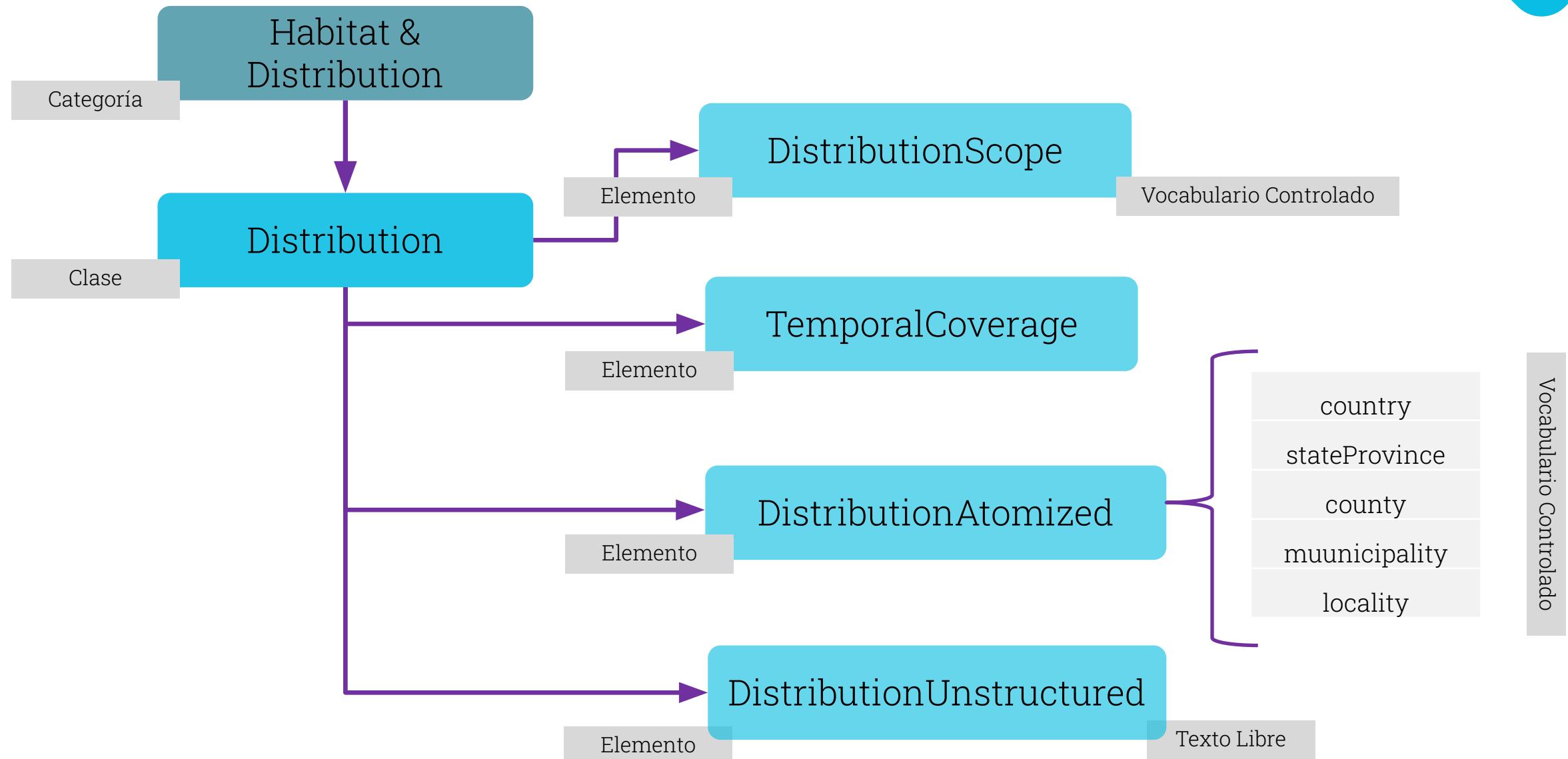
Estructura del Estándar – Ejemplo 2



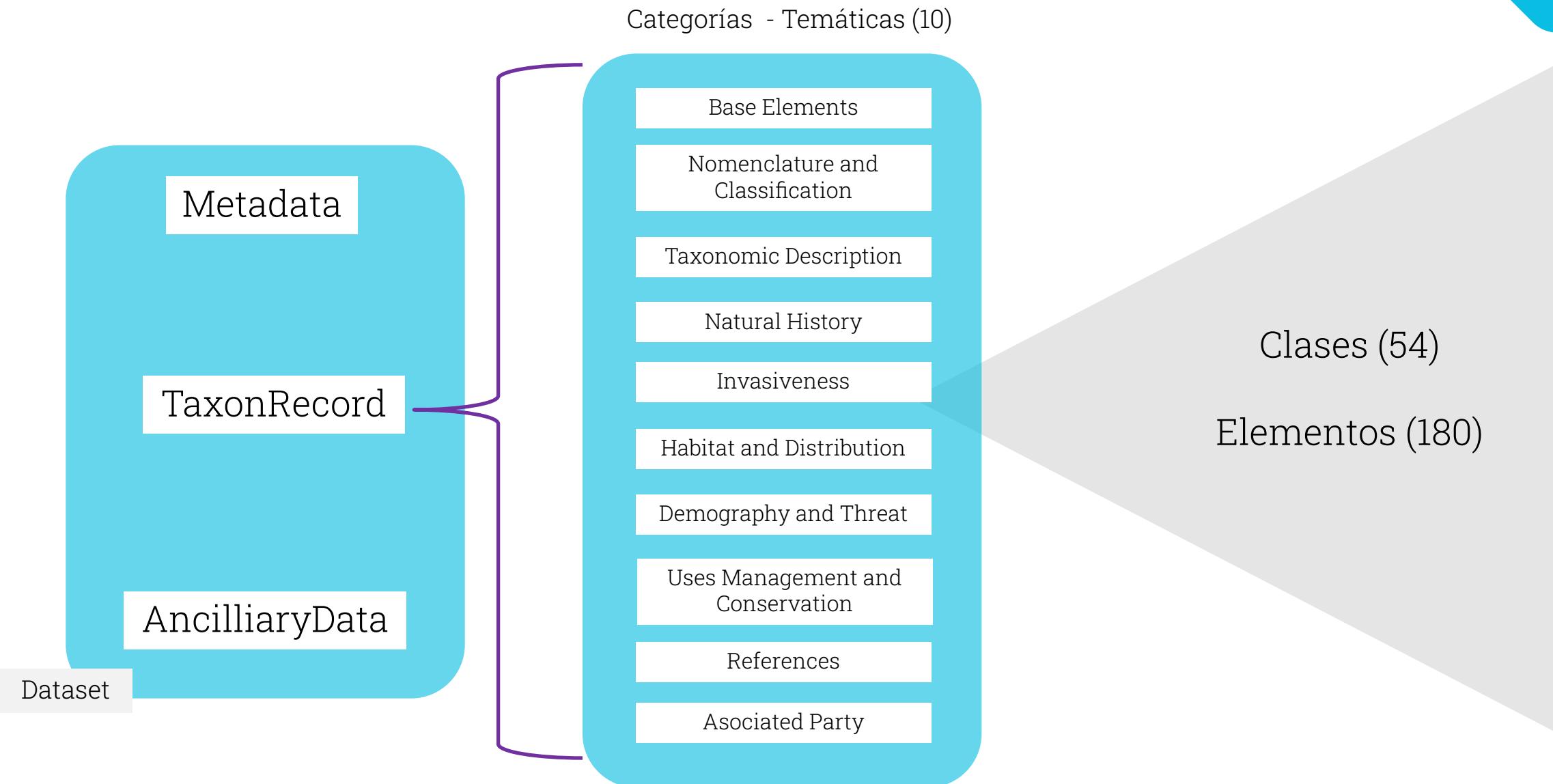
Estructura del Estándar – Ejemplo 2



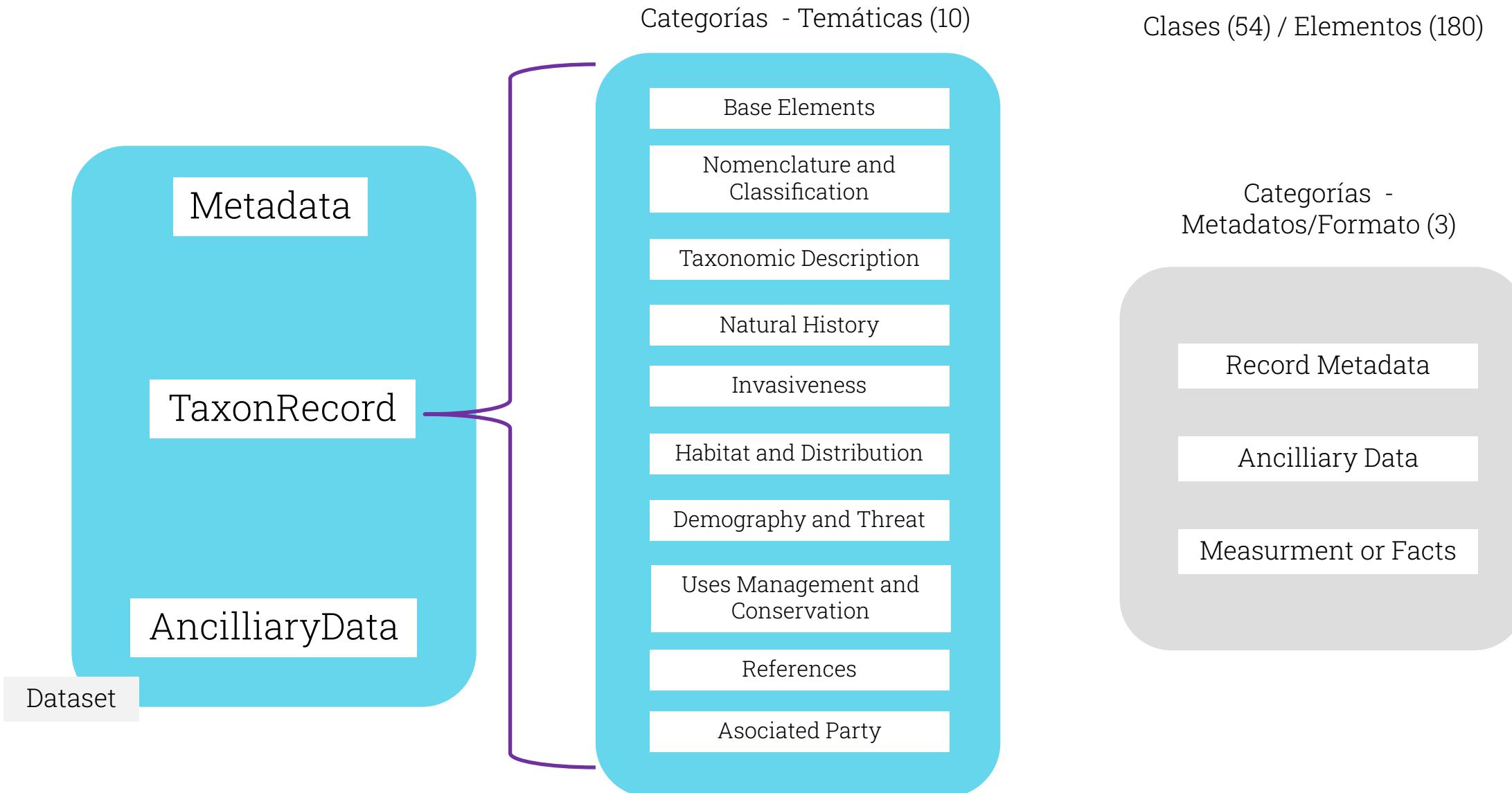
Estructura del Estándar – Ejemplo 2



Estructura del Estándar



Estructura del Estándar



Estructura Interoperable



- DC. Dublin Core
- EML. Ecological Metadata Language
- TSC. Taxon Concept Schema
- DwC. Darwin Core
- EOL. Encyclopedia of Life
- GISIN. Global Invasive Species Information Network

Estructura Interoperable – GBIF ALA



Taxon Core

Under Development

The extensions listed are taken from the sandbox environment and listed in the GBIF development registry only. They are still subject to change and primarily meant for testing.

Plinian Distribution Extension

Species geographical distribution.
See also <http://purl.org/plic/extension/3.2.1/distribution.xml>

Properties 5
Name Distribution
Namespace <http://purl.org/plic/terms/3.2.1/>
RowType <http://purl.org/plic/terms/3.2.1/Distribution>
Keywords plic:Distribution; dwc:Taxon

Plinian Endemicity Extension

A marker that indicates that an organism lives exclusively in a particular territory and can not be found anywhere else. List of areas structured and categorized by the degree of safety.
See also <http://purl.org/plic/extension/3.2.1/endemicity.xml>

Properties 2
Name Endemism
Namespace <http://purl.org/plic/terms/3.2.1/>
RowType <http://purl.org/plic/terms/3.2.1/Endemicity>
Keywords plic:Endemicity; dwc:Taxon

Plinian Legislation Extension

National and/or regional proposed law or group of laws.
See also <http://purl.org/plic/extension/3.2.1/legislation.xml>

Properties 6
Name Legislation
Namespace <http://purl.org/plic/terms/3.2.1/>
RowType <http://purl.org/plic/terms/3.2.1/Legislation>
Keywords plic:Legislation; dwc:Taxon

Plinian ManagementAndConservation Extension

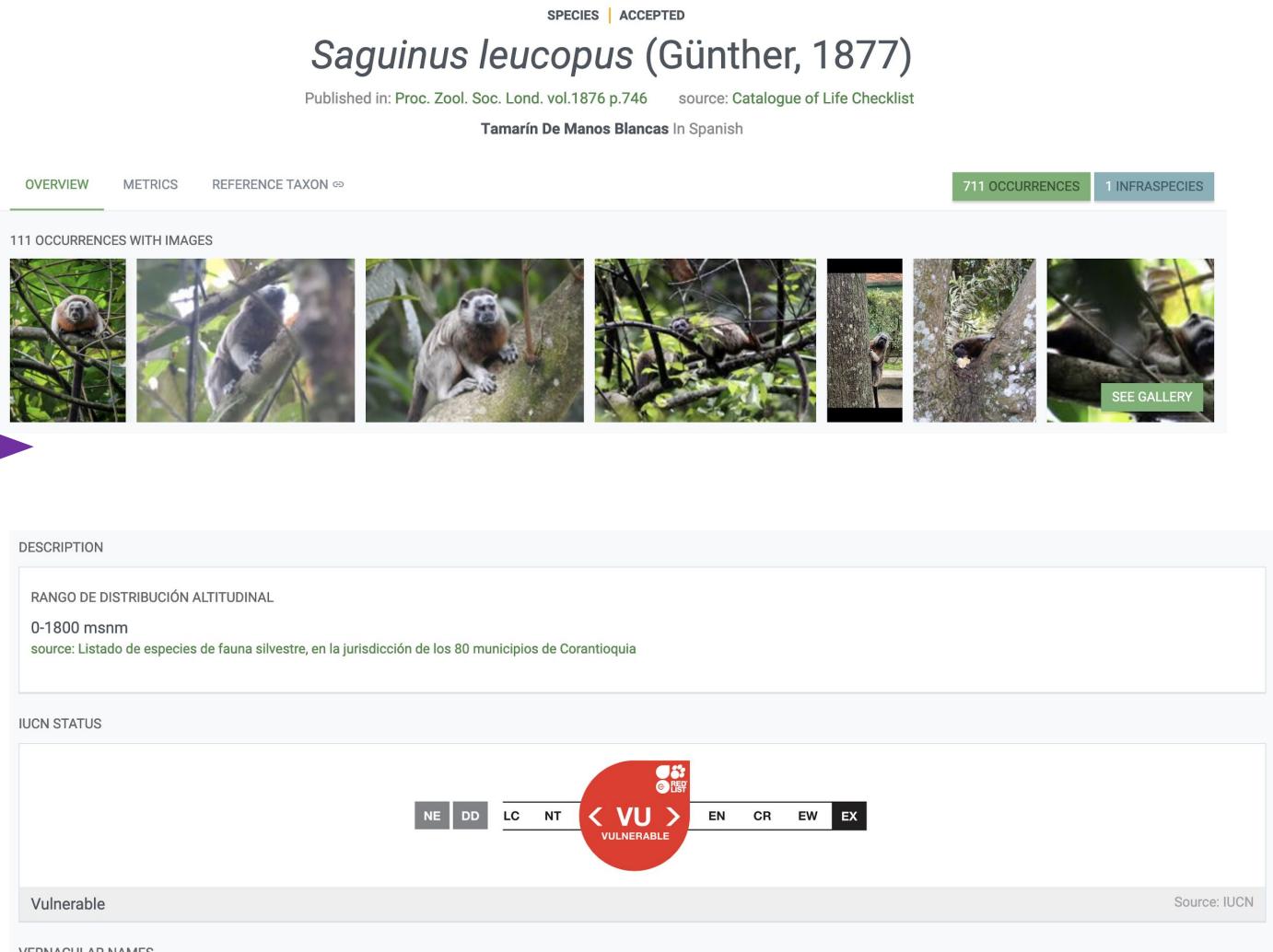
Management: actions directed at conserving or restoring species. / Conservation: interventions undertaken designed to preserve species.
See also <http://purl.org/plic/extension/3.2.1/managementAndConservation.xml>

Properties 6
Name ManagementAndConservation
Namespace <http://purl.org/plic/terms/3.2.1/>
RowType <http://purl.org/plic/terms/3.2.1/ManagementAndConservation>
Keywords plic:ManagementAndConservation; dwc:Taxon

Estructura Interoperable – GBIF ALA



Taxon Core



The screenshot shows a detailed taxon record for *Saguinus leucopus* (Günther, 1877). The top navigation bar includes "SPECIES | ACCEPTED", the species name, its publication details ("Published in: Proc. Zool. Soc. Lond. vol.1876 p.746"), and its source ("Catalogue of Life Checklist"). Below this are tabs for "OVERVIEW", "METRICS", and "REFERENCE TAXON".

The main content area starts with "111 OCCURRENCES WITH IMAGES", followed by a grid of nine thumbnail images of tamarins. To the right of the images is a green button labeled "SEE GALLERY".

Below the images, the "DESCRIPTION" section includes "RANGO DE DISTRIBUCIÓN ALTITUDINAL" (0-1800 msnm) and a source citation ("source: Listado de especies de fauna silvestre, en la jurisdicción de los 80 municipios de Corantioquia").

The "IUCN STATUS" section features a red circular icon with the letters "VU" in white, indicating the species is Vulnerable. Surrounding the icon are status codes: NE, DD, LC, NT, EN, CR, EW, and EX. Below the status is the word "Vulnerable".

At the bottom right, a small note says "Source: IUCN".

Plinian Core

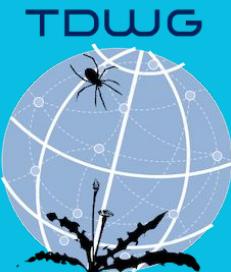
Ratificación

TDWG



Plinian Core

Ratificación

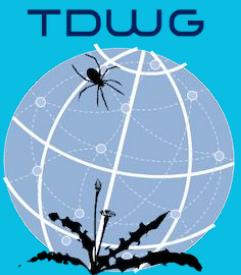


Logros alcanzados

- Oficialización del Grupo de Interés (2013)
Species Information Interest Group (Paco Pando)
<https://www.tdwg.org/community/species/>

Plinian Core

Ratificación

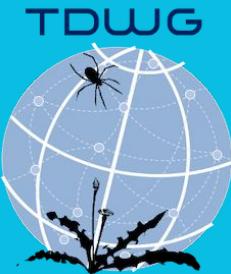


Logros alcanzados

- Oficialización del Grupo de Interés (2013)
Species Information Interest Group (Paco Pando)
<https://www.tdwg.org/community/species/>
- Oficialización del Grupo de Trabajo (2020)
Plinian Core Task Group
<https://www.tdwg.org/community/species/plinian-core/>

Plinian Core

Ratificación



Logros alcanzados

- Oficialización del Grupo de Interés (2013)
Species Information Interest Group (Paco Pando)
<https://www.tdwg.org/community/species/>
- Oficialización del Grupo de Trabajo (2020)
Plinian Core Task Group
<https://www.tdwg.org/community/species/plinian-core/>
- Implementación del estándar por más de 6 iniciativas

This screenshot shows the CRBio (Consejo Regulador de la Bioseguridad) website for the species *Morchella conica*. The page includes a header with the CRBio logo and links for 'Información sobre especies', 'Registros de presencia', 'Acerca de CRBio', and 'Contáctenos'. Below the header, there's a main content area with sections for 'Biodiversidad de Costa Rica' (with a note about it being the most common mushroom), 'Imagenes', 'Especímenes/observaciones', 'Mapa dinámico', and 'Literatura'. There are also sections for 'Estado de conservación' (with 'No hay Información' for both reproduction and annual cycle), 'Historia Natural' (mentioning reproduction by spores and an annual cycle from August to December), and 'Habitat y Distribución' (mentioning collection from Heredia in La Hoja Forest and Chirripó and Volcán Irazú National Parks).

This screenshot shows the Banco de Datos de la Naturaleza (BDN) website for the species *Canis lupus Linnaeus, 1758*. The page has a header with the Spanish government logo and links for 'Inicio', 'Biodiversidad', 'Servicios', and 'Banco de Datos de la Naturaleza (BDN)'. It features a navigation bar with 'Eidos' selected. Below the navigation is a large image of a wolf and a map of Spain showing its distribution. A sidebar on the right provides download links for a PDF report and a document related to the Habitats Directive. At the bottom, there's a section for 'Información taxonómica'.

This screenshot shows the Catálogo de la Biodiversidad website. The header includes the Spanish government logo and a search bar. The main content area features a large image of a green snake and a button labeled 'EXPLORA EL CATÁLOGO'. Below this, there's a section titled 'Explora a través de grupos biológicos' with icons for Invertebrados, Vertebrados, Plantas, Hongos, and Chomista. The footer contains links for 'INVERTEBRADOS', 'VERTEBRADOS', 'PLANTAS', 'HONGOS', and 'CHOMISTA'.

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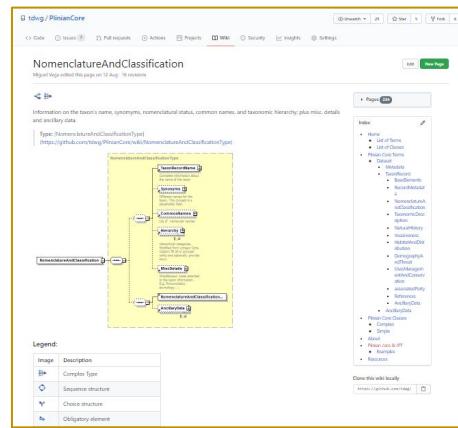
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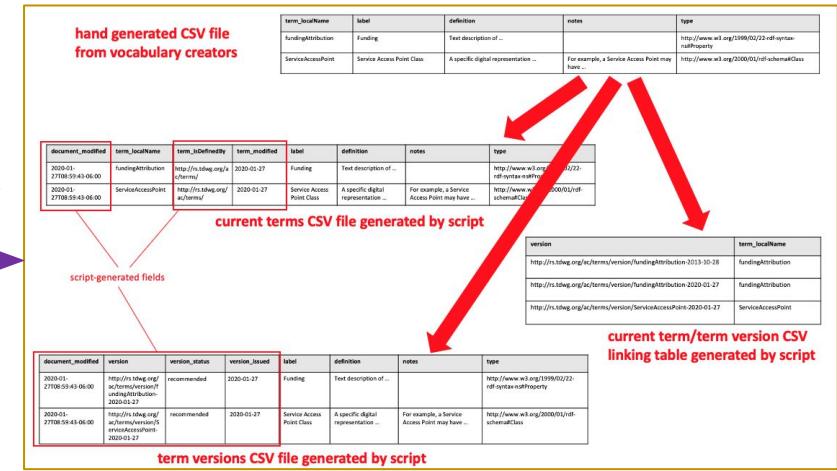
Francisco Pando (GBIF.ES/CSIC, Spain)

Avances e hitos finales

- Ajustar la documentación según las especificaciones de TDWG



Steve Baskauf



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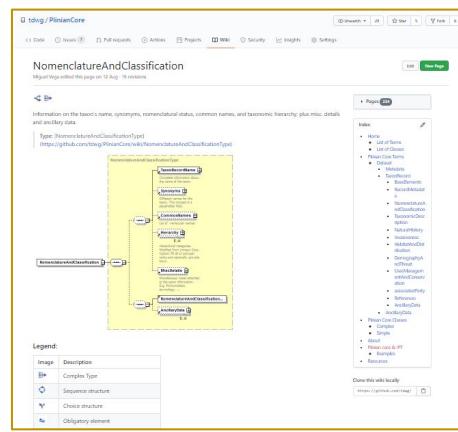
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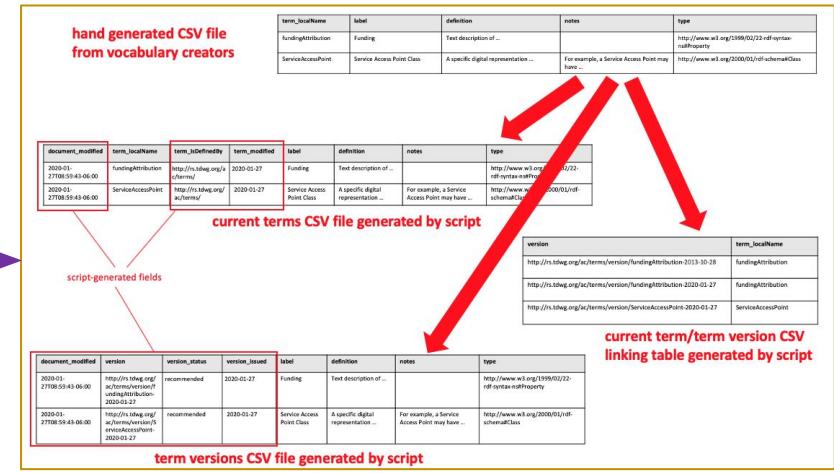
Francisco Pando (GBIF.ES/CSIC, Spain)

Avances e hitos finales

- Ajustar la documentación según las especificaciones de TDWG



Steve Baskauf



- Solicitud a GBIF para formalizar las extensiones de PliC en el IPT

Stable Releases

The extensions listed as stable releases are immutable and taken from the GBIF live registry. Any changes needed will result in a new version with a new row type and namespace, leaving the existing one as it was.

Lo que sigue...

Ampliar la comunidad del estándar Plinian Core

Avanzar con la integración del estándar en *Living Atlases*



PLINIAN CORE
SPECIES INFO PROFILE



BIODIVERSIDAD.CO

*Para conocer mas sobre cómo ser parte de esta red
nacional sobre biodiversidad*

www.sibcolombia.net

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