



Data Standards and Data Fields



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Repositories



PhotosyntheticPathway
Respiration LeafArea NfixationCapacity
SLA RegenerationCapacity PlantLifespan
WoodDensity GrowthForm
PhenologyType LeafN
LeafP LeafLongevity PhotosyntheticCapacity
MaxPlantHeight SeedMass



Open Traits Network



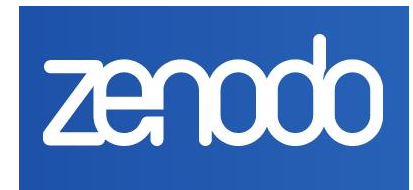
www.eFloras.org

Flora of North America



www.eFloras.org

Flora of China



DRYAD

GitHub
Software developer



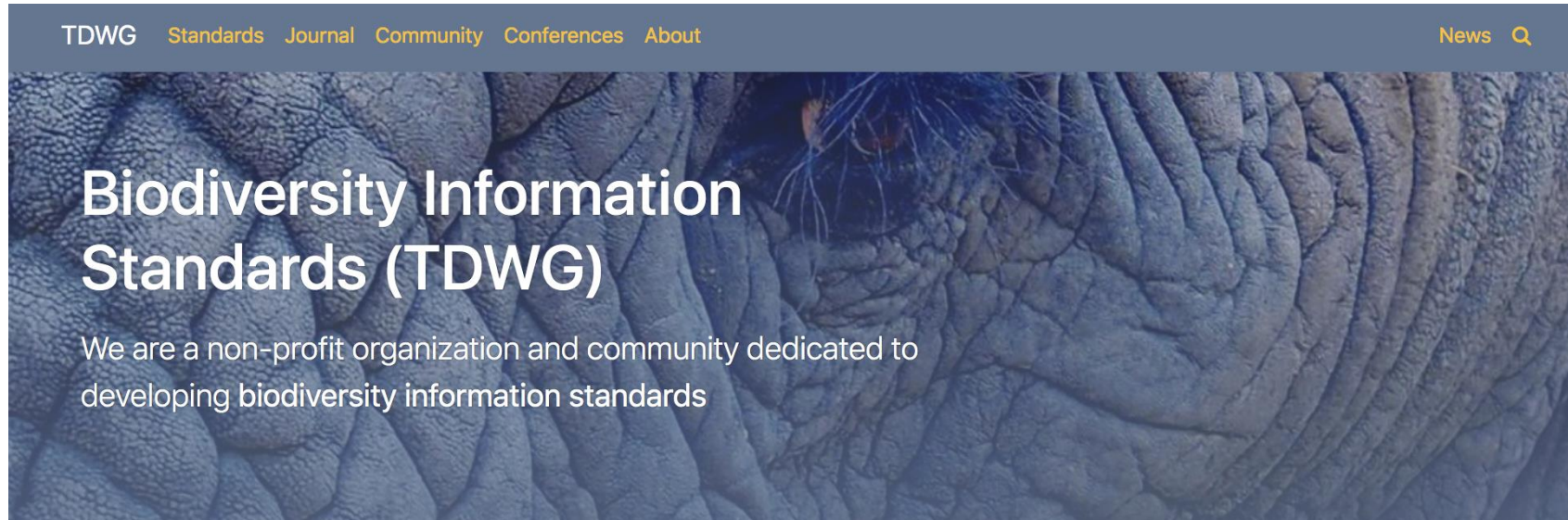
Standards



Standards – ‘Adapters’



Standards – tdwg.org



Historically known as the Taxonomic Databases Working Group, today's Biodiversity Information Standards (TDWG) is a not-for-profit, scientific and educational association formed to establish international collaboration among the creators, managers and users of biodiversity information and to promote the wider and more effective dissemination and sharing of knowledge about the world's heritage of biological organisms.

To achieve its goals, TDWG:

- develops, ratifies and promotes standards and guidelines for the recording and exchange of data about organisms;
- acts as a forum for discussing all aspects of biodiversity information management through meetings, online discussions, and publications.

See the [About](#) section to learn how TDWG operates and how you can participate. Active Interest Groups are described under [Community](#).

Our most popular standards



Audubon Core proposals: public comment opens 15 Jan.

Public comment period opens 15 January for three term-change proposals.

[Learn more...](#)

Standards – tdwg.org

Our most popular standards



Darwin Core

Darwin Core is a standard maintained by the Darwin Core maintenance group. It includes a glossary of terms intended to facilitate the sharing of information about biological diversity by providing identifiers, labels, and definitions. Darwin Core is primarily based on taxa, their occurrence in nature as documented by observations, specimens, samples, and related information.



World Geographical Scheme for Recording Plant Distributions (WGSRPD)

WGSRPD provides an agreed system of geographical units at approximately "country" level and upwards for use in recording plant distributions. It allows adopting organizations to compare and exchange data with each other without loss of information due to incompatible geographical boundaries. The system offered covers the whole world and identifies units at four levels, firstly continental, secondly regional (or subcontinental), thirdly at what may be called "Botanical Country" level (which may often ignore purely political considerations), and fourthly at a slightly lower level called "Basic Recording Units" where political integrity is fully recognised.



Audubon Core Multimedia Resources Metadata Schema

The Audubon Core (AC) is a set of vocabularies designed to represent metadata for biodiversity multimedia resources and collections. These vocabularies aim to represent information that will help to determine whether a particular resource or collection will be fit for some particular biodiversity science application before acquiring the media. Among others, the vocabularies address such concerns as the management of the media and collections, descriptions of their content, their taxonomic, geographic, and temporal coverage, and the appropriate ways to retrieve, attribute and reproduce them.

Standards: Darwin Core



Darwin Core

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- species name
- collector name
- date of collection
- location of collection – country, state, county, latitude, longitude
- etc.

Standards: Darwin Core

AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO
dwc:basisOfRecord	dwc:bed	dwc:behavior	dwc:catalogNumber	dwc:class	dwc:classification	dwc:collection	dwc:collectingEvent	dwc:container	dwc:coordinates	dwc:country	dwc:countryCode	dwc:county	dwc:countyCode	dwc:dataProvider
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PreservedSpecimen			BPI 656351B	Dacrymycetes							USA			
PreservedSpecimen			27718			Herb					USA			
PreservedSpecimen			BPI 656351A	Dacrymycetes							USA			
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Still Image			CONN00108025			CONN				5000	USA	US	Oconee	
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