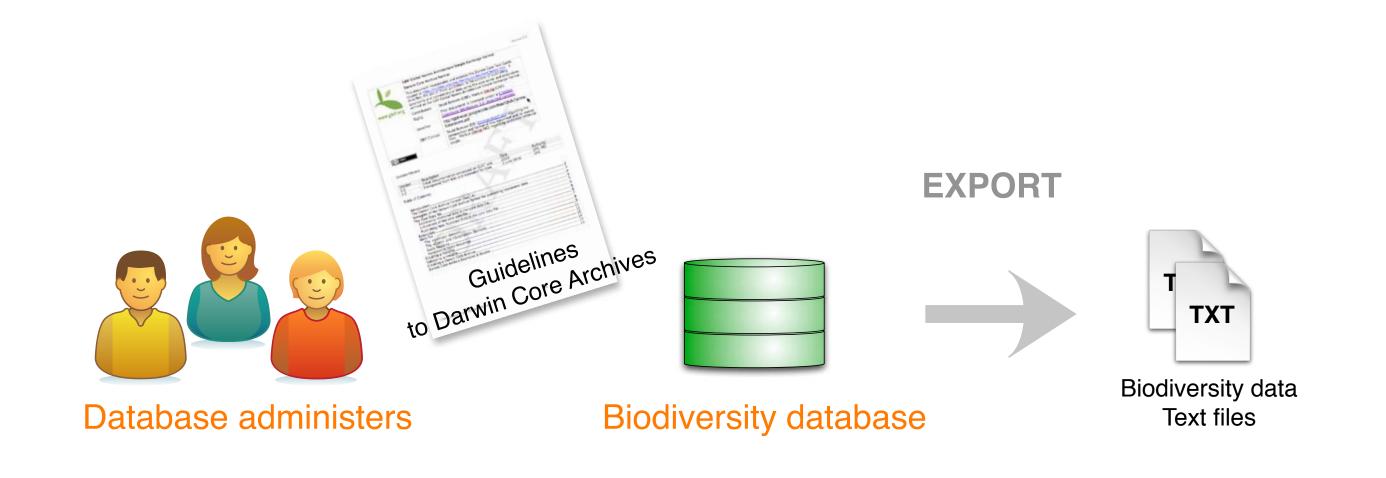


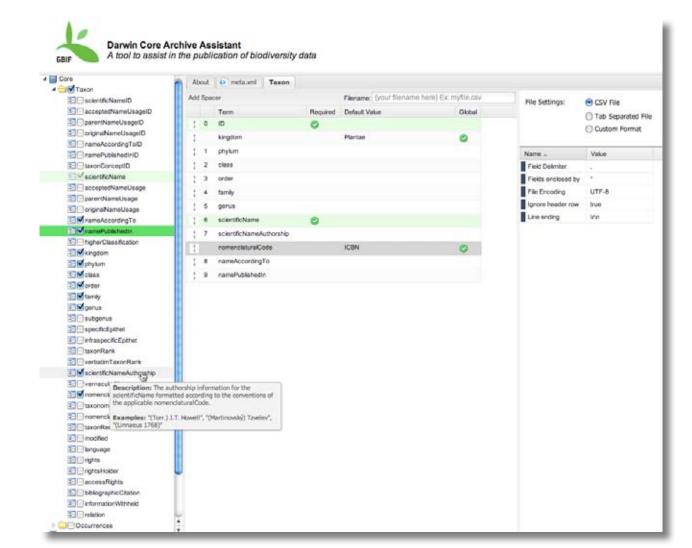
Darwin Core Archive Assistant A utility that simplifies the publication of biodiversity data

The Darwin Core Archive Assistant is a web-based tool that supports a simplified process for publishing biodiversity data through the GBIF network. The goal is to provide a publishing solution that is accessible to data managers with basic database management skills and does not require the installation and configuration of more complex data publishing software "wrappers."

The DarwinCore Archive format consists of a series of one or more text files representing biodiversity data exported by the data publisher. The data files are exported as simple "comma-separated" text files familiar to most data managers. The key to their interoperability with GBIF-supported data standards is the inclusion of a "data-map" descriptor file that ties each column in the published data files to a corresponding standard term known to the GBIF network. This descriptor file is formatted in XML. The Darwin Core Archive Assistant is used to produce the XML descriptor file. The data files exported by the data publisher and the accompanying descriptor file can be zipped into a single archive file for easy transport or reference on a web server with a single web address. These data can be published through GBIF simply by registering the dataset to GBIF (email helpdesk@gbif.org for details) and referring to the published archive using it's web address.

See: http://tools.gbif.org/dwca-assistant/

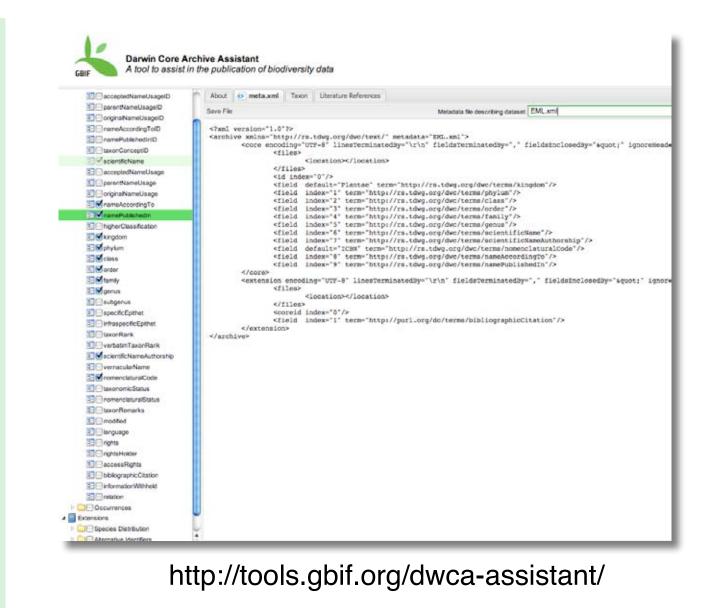




Use DWC-A Assistant web utility

Map export data to GBIF-supported data elements

http://tools.gbif.org/dwca-assistant/



Produces an XML data map



Data files + XML descriptor file equals

A Publication-ready data file



Darwin Core Archive file



...free and open access to biodiversity data

The Darwin Core is a body of standards. It includes a glossary of terms intended to facilitate the sharing of information about biological diversity by providing reference definitions, examples, and commentaries. The Darwin Core is primarily based on taxa, their occurrence, and related information. In addition to the terms, the Darwin Core standard includes guidelines for using these terms. One set of guidelines describes the use of Darwin Core in plain text files. GBIF used these guidelines to develop the Darwin Core Archive format to facilitate publication of both species occurrence data and species checklist data.

About GBIF

openly and freely available on the Internet for everyone, and endorses both open source software and open data access.

www.gbif.org

GBIF provides scientific biodiversity data for decision-making, research endeavours and public use. data.gbif.org

GBIF is a network of data publishers who retain ownership and control of the data they share. Linked datasets provide a more robust representation of biodiversity than any single dataset.

GBIF provides access to primary biodiversity data held in institutions in developed and developing countries.

Data shared through GBIF are repatriated data.

GBIF is a dynamic, growing partnership of countries, organisations, institutions and individuals working together to mobilise scientific biodiversity data.

GBIF invites you to download species occurrence data freely and openly from http://data.gbif.org

GBIF invites you to join the GBIF network and share your biodiversity data, as well as participate in developing new tools and services.







