

## Names Export Format

The current format for exports from the AFD is a CSV (comma separated values) file, which can be used in Microsoft Excel and other spreadsheets, as well as easily imported into relational databases like Oracle or MS SQL Server.

We're also investigating exports in different XML schemas but at the moment no specific schema has been decided.

The CSV format contains a lot of information and hopefully will fulfil most people's data needs. We include for each name a GUID and a timestamp for the name itself, the taxonomic concept, and primary reference.

### Format Definition

Field name	Description
CAVS_CODE	The CAVS code if available.
CAAB_CODE	The CAAB code if available.
NAMES_VARIOUS	This field holds either the species group name or the common name.
SCIENTIFIC_NAME	The full scientific name and authority.
FAMILY	The family scientific name.
GENUS	The genus scientific name.
SUBGENUS	The subgenus scientific name.
SPECIES	The species scientific name.
SUBSPECIES	The subspecies scientific name.
NAME_TYPE	The classification of this name: <b>Valid</b> <ul style="list-style-type: none"><li>A valid scientific name.</li></ul> <b>Common</b> <ul style="list-style-type: none"><li>A common name.</li></ul> <b>Synonym</b> <ul style="list-style-type: none"><li>Taxonomically an accepted available name, but in this instance, for convenience, including the categories of names listed below.</li></ul> <b>Miscellaneous Literature Name</b> <ul style="list-style-type: none"><li>A literature synonym.</li></ul>
NAME_SUBTYPE	Further classification on the name type: <b>Valid name</b> <ul style="list-style-type: none"><li>Valid names are not broken down into subtypes.</li></ul> <b>Common name</b> <ul style="list-style-type: none"><li>Subtypes are either "Preferred" or "General".</li></ul> <b>Synonym</b> <ul style="list-style-type: none"><li>Subtypes can be "synonym", "nomen nudum", "replacement name", "invalid name", "original spelling", "subsequent misspelling", "emendation", "nomen dubium", "objective synonym", "subjective synonym", "junior homonym", "nomen oblitum" or "nomen protectum".</li></ul> <b>Miscellaneous Literature Name</b> <ul style="list-style-type: none"><li>Miscellaneous literature names are not broken down into subtypes.</li></ul>
RANK	The rank of this taxon.
QUALIFICATION	Qualification or comments for the taxon.
AUTHOR	The authority author name.
YEAR	The authority year.
ORIG_COMBINATION	Whether this is an original combination, either 'Y', 'N' or empty when not applicable.
NAME_GUID	The GUID of the name.
NAME_LAST_UPDATE	The time at which this name was last updated.
TAXON_GUID	The GUID of the AFD taxonomic concept with which this name is associated.
TAXON_LAST_UPDATE	The time at which this taxonomic concept was last updated.
TAXON_PARENT_GUID	The GUID of the parent AFD taxonomic concept.
Fields relating to the primary reference	
Field name	Description
CONCEPT_GUID	The GUID of taxonomic concept of the primary reference. For valid names this will be the same as the TAXON_GUID. The publication fields will be empty, as the publication is this directory itself.
PUB_AUTHOR	The author of the publication.
PUB_YEAR	The year of the publication.
PUB_TITLE	The title of the publication.
PUB_PAGES	The pages referenced.
PUB_PARENT_BOOK_TITLE	The title of the book in which the chapter occurs, if applicable.
PUB_JOURNAL_TITLE	The title of the journal in which the article occurs, if applicable.
PUB_PARENT_ARTICLE_TITLE	The title of the article in which the section occurs, if applicable.
PUB_PUBLICATION_DATE	The publication date.
PUB_PUBLISHER	The publisher.

PUB_FORMATTED	The formatted version of this publication.
PUB_QUALIFICATION	Qualification and comments about this publication.
PUB_TYPE	Type of publication reference: <b>Book</b> <ul style="list-style-type: none"> <li>▫ A book</li> </ul> <b>Chapter in a Book</b> <ul style="list-style-type: none"> <li>▫ A chapter within a book</li> </ul> <b>Article in Journal</b> <ul style="list-style-type: none"> <li>▫ An article within a journal</li> </ul> <b>Section in an Article</b> <ul style="list-style-type: none"> <li>▫ A section within a article in a journal</li> </ul> <b>URL</b> <ul style="list-style-type: none"> <li>▫ A website URL</li> </ul> <b>This Work</b> <ul style="list-style-type: none"> <li>▫ A volume of the AFD</li> </ul> <b>Miscellaneous</b> <ul style="list-style-type: none"> <li>▫ A miscellaneous publication</li> </ul>
PUBLICATION_GUID	The GUID for this publication record.
PUBLICATION_LAST_UPDATE	The timestamp of the last update to this publication.
PARENT_PUBLICATION_GUID	The GUID for the publication containing this publication (if any).