

Swingle Plant Anatomy Digital Archive - Dublin Core Metadata Data Dictionary

Display Label	Dublin Core	Protocol	Example	Scheme	Data Source
Scientific Name	Title	Genus + specific epithet + authority. The authority is a standardized abbreviation of the name of the person who described the species. [The plant specimen Accession No. in parenthesis was added to distinguish different specimens with the same scientific name for the website display]	Balsamocitrus dawei (Tillson 504)		Swingle Plant Anatomy Reference (SPAR) DB
Common Name	Title Alternative	Colloquial name for species, if one exists.	Bengal quince		SPAR DB + D.J. Mabberley, The Plant Book
Synonym	Title Alternative	Some of the species names used in Swingle's catalog are out of date and no longer used. If this is the case, the original, out-of-date name is put in the synonym column. When any part of the scientific name is misspelled in the original catalog, put the misspelling in the synonym column as well.	Heterodendrum olaefolium.	free text	SPAR DB
Contents	Description - Table of contents	Serial structure + type of section added to compound object metadata record to indicate the type of structure + sections contained in the digitized sample	Peel of fruit (x)	free text	SPAR DB
Summary	Description	Boilerplate	Digitized image of microscopic slices of Monantrocitrus cornuta plant structures that were stained and permanently mounted to a glass slide.	free text	
Collector	Contributors	Collector of the plant specimen. Last name, first name. The names may be followed by an accession no. of the catalog where the plant specimen was first described by the collector.	Wang, C.W. 78013	free text	SPAR DB
Collection Date	Date	Give the date when the specimen was collected. The date given in the database has not been altered.	September, 1944	free text	SPAR DB
Serial structure	Description	Refers to the kind of structure sectioned on the serial. Includes: flower bud, pistil, leaf, petiole, root, stem, cotyledon, fruit, etc.	cotyledon from seed	free text	SPAR DB
Type of section	Relation	This refers to the plane on which the structure was sectioned. The most common are longitudinal- (l) or cross-section.	paradermal	free text	Swingle DB
Magnification	Description	Microscope magnification setting: 4x is 4 times the actual size.	4x / 10x / 40 x		At digitization
Note	Description	Note about a particular image added to the expanded Swingle DB during digitization by B. Whitlock	Notice central axis of the developing fruit.	free text	At digitization
Comments on Plant	Description	This column ranges from miscellaneous information on the plant. Most often, it refers to general terms about the kind of material that was studied (flowers, flower buds), and notes about how it was preserved (e.g., FAA) which can affect the appearance of the slide.	Yunnan, China	free text	SPAR DB
Origin of plant	Coverage	Identify where the plant was collected. May refer to a herbarium specimen number or publication.	The Kampong, Coconut Grove, Florida	free text	SPAR DB + spelled out abbreviations for U.S. states.
Country	Coverage	If it could be determined, the current name of the country was added based on the 'Origin of the plant' information. This information was not in the SPAR DB. It was added to provide an index to the collection locations.	China		
Kingdom	Relation				
Phylum / Division	Relation				
Class	Relation				

Order	Relation	All names used here are following the Angiosperm Phylogeny Website at http://www.mobot.org/MOBOT/research/APweb/). This data was not the SPAR DB.	Sapindales	Angiosperm Phylogeny	
Family	Relation	All names used here are following the Angiosperm Phylogeny Website at http://www.mobot.org/MOBOT/research/APweb/).	Rutaceae		SPAR DB
Genus	Relation	Genus is the low-level taxonomic rank used in the classification of living and fossil organisms.	Monathocitrus		SPAR DB
Specific Epithet	Relation	The second part (second name) of a species.	cornuta		SPAR DB
Authority	Description	The name of a taxon maybe be followed by the author who first published a valid description of it. The names are frequently abbreviated.	<i>Quercus alba</i> L.		SPAR DB
Accession Number	Identifier	A unique accession number was assigned to each plant from which material was taken and used to prepare slides. For example, "SV446" refers to a tree of the species <i>Aegle marmelos</i> that grew in the Kampong in 1945.	SV446	free text	SPAR DB
Slide serial	Relation	This is a capital letter followed by a number. Each accession number may have several serials (capital letters). Each serial (capital letter) refers to a single structure which has been sectioned or sliced; for example "A" may refer to a flower bud. The numbers refer to glass microscope slides. In this case, the flower bud has been sectioned and the slices have been arranged on glass microscope slides.	A-1, A-2, A-3, etc.	free text	SPAR DB
Publisher	Publisher	Boilerplate.	University of Miami Libraries.	free text	
Repository	Relation	Boilerplate. Statement of the ownership of the image.	University of Miami Department of Biology	free text	
Collection	Relation IsPartOf	Boilerplate. The title of the collection.	Swingle Plant Anatomy Digital Archive	free text	
Subject	Subject		Botanical specimens Plant anatomy	LCSH	
Genre	Type		Microscope slide Photomicrographs	LCSH/TGMII	
Type	Type	Boilerplate	Image	DCMI Type Vocab	
Format	Format	Boilerplate. The data format of the digitized photo. .This will always be image/tiff.	image/tiff	MIME	
Physical description	Format (Extent)	Boilerplate. Physical description of the original.	1 section mounted on 1 glass slide.	free text	
Rights	Rights	Boilerplate. A rights-management statement or an identifier that links to a service providing information about rights management for the resource.		free text	
Object ID	Identifier	This is used to tie together all records associated with the compound object. Normally it is the truncated Digital ID.	Tillson299	free text	SPAR DB
Digital ID	Identifier	Each image has a Digital ID which is the filename with the extension removed	bio0001180730001001		At digitization
Microscope	Format	boilerplate	Olympus BX60		At digitization

Digital camera	Format	boilerplate	Olympus DB71		At digitization
Software	Format	boilerplate	Olympus DPController		At digitization
Source File	Source	A string or number used to uniquely identify the resource. Consists of the Repository Code, Collection Number, Object Number, Sequence Number, Detail Number, and file extension.	bio00010548360001001.tif		At digitization
File Size	None				Added by CONTENTdm during ingest
Width	None				Added by CONTENTdm during ingest
Height	None				Added by CONTENTdm during ingest
Checksum	None				Added by CONTENTdm during ingest
Color Space	None				Added by CONTENTdm during ingest
Resolution	None				Added by CONTENTdm during ingest
Date created	None				Added by CONTENTdm during ingest
Date modified	None				Added by CONTENTdm during ingest
Prepared by Lyn MacCorkle and Fiona Kelleghan (2009-04-30)					