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1 author_string

Table comments: Author citations of taxa and synonyms
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
string	varchar(255)		No				Name of author(s), who described the taxon or published the current combination and the year when appropriate.	

Basescheme relation

2 common_name

Table comments: Common names plus language/country details
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
taxon_id	int(10)	UNSIGNED	No			taxon -> id		
common_name_element_id	int(10)	UNSIGNED	No			common_name_element -> id		
language_iso	char(3)		Yes	NULL		language -> iso	Optional language code	
country_iso	char(3)		Yes	NULL		country -> iso	Optional country code if usage is restricted to a particular country	
region_free_text_id	int(10)	UNSIGNED	Yes	NULL		region_free_text -> id		

3 common_name_element

Table comments: Common names separated to avoid duplication
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
transliteration	varchar(255)		Yes	NULL			Transcription of name in foreign alphabet into English	

4 country

Table comments: Predetermined list of ISO 3166-1-Alpha-2 codes
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
iso	char(3)		No				ISO 3166-1-Alpha-2 code	
name	varchar(100)		No				Country	
standard	tinyint(1)		No	1				

5 distribution

Table comments: Links combination(s) of region and distribution status to ta
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
taxon_detail_id	int(10)	UNSIGNED	No			taxon_detail -> taxon_id		
region_id	smallint(5)	UNSIGNED	No			region -> id		
distribution_status_id	tinyint(1)	UNSIGNED	Yes	NULL				

6 distribution_free_text

Table comments: Links text description of distribution to taxon
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
taxon_detail_id	int(10)	UNSIGNED	No			taxon_detail -> taxon_id		
region_free_text_id	int(10)	UNSIGNED	No			region_free_text -> id		
distribution_status_id	tinyint(1)	UNSIGNED	Yes	NULL				

7 distribution_status

Table comments: Predetermined list of distribution statuses
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	tinyint(1)	UNSIGNED	No		auto_increment			
status	varchar(100)		No				Distribution status (common, rare, etc.)	

Basescheme relation

8 hybrid

Table comments: Links to parent taxa of hybrids
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
taxon_id	int(10)	UNSIGNED	No			taxon -> id		
parent_taxon_id	int(10)	UNSIGNED	No			taxon -> id	References two (or three) parent taxon ids	

9 language

Table comments: Predetermined list of ISO 639-2 Alpha-3 codes
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
iso	char(3)		No				ISO 639-2 Alpha-3 code	
name	varchar(100)		No				Language	
standard	tinyint(1)		No	1				

10 lifezone

Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	smallint(1)	UNSIGNED	No		auto_increment			
lifezone	varchar(25)		No					

11 lifezone_to_taxon_detail

Table comments: Links life zone(s) to taxon
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
lifezone_id	smallint(5)	UNSIGNED	No			lifezone -> id		
taxon_detail_id	int(10)	UNSIGNED	No			taxon_detail -> taxon_id		

12 reference

Table comments: References used for taxa, common names and synonyms
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
authors	varchar(255)		Yes	NULL			Complete author string	
year	varchar(75)		Yes	NULL			Year(s) of publication	
title	varchar(1500)		Yes	NULL			Title of the publication	
text	varchar(1500)		Yes	NULL			Additional information pertaining to the publication	
uri_id	int(10)	UNSIGNED	Yes	NULL		uri -> id	Link to downloadable version	

13 reference_to_common_name

Table comments: Links references to common names
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
reference_id	int(10)	UNSIGNED	No			reference -> id		
common_name_id	int(10)	UNSIGNED	No			common_name -> id		

14 reference_to_synonym

Table comments: Links references to synonyms
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
reference_id	int(10)	UNSIGNED	No			reference -> id		
synonym_id	int(10)	UNSIGNED	No			synonym -> id		
reference_type_id	tinyint(1)	UNSIGNED	Yes	NULL				

15 reference_to_taxon

Table comments: Links references to taxa
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
reference_id	int(10)	UNSIGNED	No			reference -> id		
taxon_id	int(10)	UNSIGNED	No			taxon -> id		
reference_type_id	tinyint(1)	UNSIGNED	Yes	NULL				

16 reference_type

Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	tinyint(1)	UNSIGNED	No		auto_increment			
type	varchar(35)		No					

17 region

Table comments: Predetermined list of regions used for distribution
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	smallint(5)	UNSIGNED	No		auto_increment			
region_standard_id	tinyint(3)	UNSIGNED	No			region_standard -> id		
original_code	varchar(25)		No				Original ID or code of the region in the standard referenced in region_standard_id	
name	varchar(255)		No				Region	
parent_id	smallint(5)	UNSIGNED	Yes	NULL		region -> id	Optional parent region	
polygon	longtext		No					
polygon_rough	longtext		No					

18 region_free_text

Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
free_text	text		No				Free text description of distribution; provided mainly to store full text descriptions from the Annual Checklist	

19 region_standard

Table comments: Standards used for region table
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	tinyint(3)	UNSIGNED	No		auto_increment			
standard	varchar(50)		No				Standard used to describe the region	
version	varchar(10)		Yes	NULL			Version of the standard used	

20 scientific_name_element

Table comments: Individual elements used to generate a scientific name
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
name_element	varchar(100)		No				Basic element of a scientific name; e.g. the epithet argentatus as used in Larus argentatus argenteus	

21 scientific_name_status

Table comments: Predetermined list of name statuses
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	tinyint(2)	UNSIGNED	No		auto_increment			
name_status	varchar(50)		No				Name status of a taxon	

22 scrutiny

Table comments: Latest scrutiny date of a taxon
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
scrutiny_date	date		Yes	NULL			Most recent date a taxon name was verified; must parse correctly	
original_scrutiny_date	varchar(100)		Yes	NULL			Date as used in the original database; may be incomplete	
specialist_id	int(10)	UNSIGNED	Yes	NULL		specialist -> id	Link to the specialist who examined the validity of a taxon; may be null	

23 source_database

Table comments: Information about source databases
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
name	varchar(255)		No				Full name of the source database	
abbreviated_name	varchar(50)		Yes	NULL			Abbreviated name of the source database	
group_name_in_english	varchar(255)		Yes	NULL			Name in English of the group(s) treated in the database	
authors_and_editors	varchar(255)		Yes	NULL			Optional author(s) and editor(s) of the source database	
organisation	varchar(500)		Yes	NULL			Optional organisation which has compiled or is owning the source database	
contact_person	varchar(255)		Yes	NULL			Optional contact person of the source database	
version	varchar(25)		Yes	NULL			Optional version number of the source database	
release_date	date		Yes	NULL			Optional most recent release date of the source database	
abstract	text		Yes	NULL			Optional free text field describing the source database	
taxonomic_coverage	text		Yes	NULL				
is_new	tinyint(1)		No					
coverage	varchar(255)		Yes	NULL				
completeness	varchar(10)		Yes	NULL				
confidence	tinyint(1)		Yes	NULL				

24 specialist

Table comments: Specialists who have verified the validity of taxa
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					

25 synonym

Table comments: Synonym details linked to a valid taxon
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
taxon_id	int(10)	UNSIGNED	No			taxon -> id	Link to valid taxon to which the synonym relates	
author_string_id	int(10)	UNSIGNED	Yes	NULL		author_string -> id	Link to author citation of the synonym	
scientific_name_status_id	tinyint(2)	UNSIGNED	No			scientific_name_status -> id	Link to the name status of the synonym	
original_id	varchar(100)		Yes	NULL			ACEF name code	
taxon_guid	varchar(255)		Yes	NULL				
name_guid	varchar(255)		Yes	NULL				

26 synonym_name_element

Table comments: Name elements of a complete synonym
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
taxonomic_rank_id	tinyint(3)	UNSIGNED	No			taxonomic_rank -> id		
scientific_name_element_id	int(10)	UNSIGNED	No			scientific_name_element -> id		
synonym_id	int(10)	UNSIGNED	No			synonym -> id		
hybrid_order	tinyint(1)	UNSIGNED	Yes	NULL			Order of parents if synonym is a hybrid; see documentation for details	

27 taxon

Table comments: Scientific name elements and hierarchy of a taxon
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
taxonomic_rank_id	tinyint(3)	UNSIGNED	No			taxonomic_rank -> id		
source_database_id	int(10)	UNSIGNED	Yes	NULL		source_database -> id		
original_id	varchar(100)		Yes	NULL			ACEF name code	

28 taxon_detail

Table comments: Details pertaining to species and infraspecies
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
taxon_id	int(10)	UNSIGNED	No			taxon -> id		
author_string_id	int(10)	UNSIGNED	Yes	NULL		author_string -> id	Link to author citation of the taxon	
scientific_name_status_id	tinyint(2)	UNSIGNED	No			scientific_name_status -> id		
scrutiny_id	int(10)	UNSIGNED	Yes	NULL		scrutiny -> id		
additional_data	text		Yes	NULL			Optional free text field describing the taxon	
taxon_guid	varchar(255)		Yes	NULL				
name_guid	varchar(255)		Yes	NULL				
has_preholocene	smallint(1)		Yes	0				
has_modern	smallint(1)		Yes	1				
is_extinct	smallint(1)		Yes	0				

29 taxon_name_element

Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
taxon_id	int(10)	UNSIGNED	No			taxon -> id		
scientific_name_element_id	int(10)	UNSIGNED	No			scientific_name_element -> id		
parent_id	int(10)	UNSIGNED	Yes	NULL				

30 taxonomic_coverage

Creation: Apr 21, 2015 at 02:34 PM
Last update: Apr 21, 2015 at 02:34 PM
Last check: Apr 21, 2015 at 02:34 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
source_database_id	int(10)		No					
taxon_id	int(10)		No					
sector	tinyint(2)		No					
point_of_attachment	tinyint(1)		No	0				

31 taxonomic_rank

Table comments: Predetermined list of taxonomic ranks
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	tinyint(3)	UNSIGNED	No		auto_increment			
rank	varchar(50)		No				Taxonomic rank (e.g. family, subspecies)	
marker_displayed	varchar(50)		Yes	NULL				
standard	tinyint(1)		No	0				

32 uri

Table comments: Unique resource identifiers
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
resource_identifier	varchar(500)		No				Unique resource identifier (URI; including LSID)	
description	text		Yes	NULL			Short description of the URI	
uri_scheme_id	tinyint(2)	UNSIGNED	No			uri_scheme -> id		

33 uri_scheme

Table comments: Predetermined list of URI schemas
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	tinyint(2)	UNSIGNED	No		auto_increment			
scheme	varchar(25)		No				Abbreviation of URI scheme	
name	varchar(255))		No				Full name of URI scheme	

34 uri_to_source_database

Table comments: Links URIs to source databases
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
uri_id	int(10)	UNSIGNED	No			uri -> id		
source_databas e_id	int(10)	UNSIGNED	No			source_database -> id		

35 uri_to_taxon

Table comments: Links URI(s) (including LSID) to taxon
Creation: Apr 22, 2015 at 11:51 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
uri_id	int(10)	UNSIGNED	No			uri -> id		
taxon_id	int(10)	UNSIGNED	No			taxon -> id		

