

ITIS References Data Dictionary - Elements

Combined - Online and Taxonomic Workbench

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: abbreviation_standard_org			Informix Name: abbr_standard_org			TWB Name: abbr_standard_org	
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	The group, society, or similar entity that has established the generally accepted shortened version of the name of a periodical reference.				Validation Rules	If the element, periodical_abbreviation, is populated entry of a value for this element is required.	

Table(s) Periodicals **WB Table(s)** WB_Periodicals

Name: alt_ct_ref_id			Informix Name:			TWB Name: alt_ct_ref_id	
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		

Description An alternate serial key for the WB_CT_Reference_Links solely for the use of the workbench programmers. **Validation Rules**

Table(s) **WB Table(s)** WB_CT_Reference_Links

Name: alt_geo_ref_id			Informix Name:			TWB Name: alt_geo_ref_id	
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		

Description An alternate serial key for the WB_Geographic_Reference_Links table solely for the use of the workbench programmers. **Validation Rules**

Table(s) **WB Table(s)** WB_Geographic_Reference_Links

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: alt_jur_ref_id		Informix Name:		TWB Name: alt_jur_ref_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	An alternate serial key for the WB_Jurisdiction_Reference_Links table solely for the use of the workbench programmers.				Validation Rules		
Table(s)	WB Table(s) WB_Jurisdiction_Reference_Links						
Name: alt_ref_role_id		Informix Name:		TWB Name: alt_ref_role_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	An alternate serial key for the WB_Reference_Roles table solely for the use of the workbench programmers.				Validation Rules		
Table(s)	WB Table(s) WB_Reference_Roles						
Name: alt_tu_ref_id		Informix Name:		TWB Name: alt_tu_ref_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	An alternate serial key for the WB_TU_Reference_Links table solely for the use of the workbench programmers.				Validation Rules		
Table(s)	WB Table(s) WB_TU_Reference_Links						
Name: alt_ver_ref_id		Informix Name:		TWB Name: alt_ver_ref_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	An alternate serial key for the WB_Vernaculars_Reference_Links table solely for the use of the workbench programmers.				Validation Rules		
Table(s)	WB Table(s) WB_Vernaculars_Reference_Links						

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: article_alt_descriptor		Informix Name: art_alt_descriptor			TWB Name: article_alt_descriptor		
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Data pertinent to a journal or periodical reference that may not translate specifically to the notations of series, volume and issue but that appear to relate to be similar to these notations. **Validation Rules**

Table(s) Articles WB Table(s) WB_Articles

Name: article_citation_ind		Informix Name: art_citation_ind			TWB Name: article_citation_ind		
VARCHAR 4,0	TEXT 4	NOT NULL	NULL	PASSED FROM TWB	CHOICE LIST	SVI	NONE ALT SVI

Description Indicator to identify the user's specification of series, volume and issue (SVI) or an alternate article description. **Validation Rules**

Table(s) Articles WB Table(s) WB_Articles

Name: article_comment		Informix Name: article_comment			TWB Name: article_comment		
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Narrative providing additional information regarding an article in a journal, periodical or similar publication. **Validation Rules**

Table(s) Articles WB Table(s) WB_Articles

Name: article_date_other		Informix Name: article_date_other			TWB Name: article_date_other		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description A time assignment from other than the Gregorian calendar applicable to a titled division of a journal or other periodical. **Validation Rules**

Table(s) Articles WB Table(s) WB_Articles

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: article_date_other_type **Informix Name:** art_date_othr_type **TWB Name:** article_date_other_type

VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		
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Description A designation of the calendar system, other than the Gregorian calendar on which the entry in article_date_other is based. **Validation Rules**

Table(s) Articles **WB Table(s)** WB_Articles

Name: article_id **Informix Name:** article_id **TWB Name:** article_id

SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
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Description A unique identifier for a portion of a journal, periodical or like publication. **Validation Rules**

Table(s) Articles **WB Table(s)** WB_Articles

Name: article_id_prefix **Informix Name:** article_id_prefix **TWB Name:** article_id_prefix

VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	ART	ART
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Description A prefix used with a serial number that associates a specific record with the Articles table. **Validation Rules**

Table(s) Articles **WB Table(s)** WB_Articles

Name: article_supp_descriptor **Informix Name:** article_supp_desc **TWB Name:** article_supp_descriptor

VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
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Description Supplemental information regarding a part of a journal or periodical publication that is pertinent to the citation but is not a standard data element. **Validation Rules**

Table(s) Articles **WB Table(s)** WB_Articles

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: article_title		Informix Name: article_title		TWB Name: article_title			
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description The identifying name given a section contained in a journal, periodical or similar reference.				Validation Rules			
Table(s) Articles		WB Table(s) WB_Articles					
Name: article_title_abbr		Informix Name: article_title_abbr		TWB Name: article_title_abbr			
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
Description A duplicate of, or where necessary, a shortened version limited to 254 characters of, the article title that can be used for searching, choice lists or other application requirements.				Validation Rules			
Table(s) Articles		WB Table(s) WB_Articles					
Name: book_comment		Informix Name: book_comment		TWB Name: book_comment			
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description Remarks associated with the book reference cited.				Validation Rules			
Table(s) Books		WB Table(s) WB_Books					
Name: book_date_other		Informix Name: book_date_other		TWB Name: book_date_other			
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description A time assignment from other than the Gregorian calendar applicable to a book or book-like reference.				Validation Rules			
Table(s) Books		WB Table(s) WB_Books					

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: book_date_other_type		Informix Name: bk_date_other_type		TWB Name: book_date_other_type			
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	A designation of the calendar system, other than the Gregorian calendar on which the entry in book_date_other is based.				Validation Rules		
Table(s)	Books	WB Table(s)		WB_Books			
Name: book_edition		Informix Name: book_edition		TWB Name: book_edition			
VARCHAR 30,0	TEXT 30	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	A publishing notation that provides information regarding the issuance of a book reference.				Validation Rules		
Table(s)	Books	WB Table(s)		WB_Books			
Name: book_id		Informix Name: book_id		TWB Name: book_id			
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
Description	A unique identifier for a book or book like publication.				Validation Rules		
Table(s)	Books	WB Table(s)		WB_Books, WB_Book_Sections			
Name: book_id_prefix		Informix Name: book_id_prefix		TWB Name: book_id_prefix			
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	BKS	BKS
Description	A prefix used with a serial number that associates a specific record with the Books table.				Validation Rules		
Table(s)	Books	WB Table(s)		WB_Books			

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: book_section_id		Informix Name: book_section_id			TWB Name: book_section_id		
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		

Description A system generated unique identifier for a part of a book or book like reference.

Validation Rules

Table(s) Book_Sections **WB Table(s)** WB_Book_Sections

Name: book_section_id_prefix		Informix Name: book_sec_id_prefix			TWB Name: book_sec_id_prefix		
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	SEC	SEC

Description A prefix used with a serial number that associates a specific record with the Book_Sections table.

Validation Rules

Table(s) Book_Sections **WB Table(s)** WB_Book_Sections

Name: book_supp_descriptor		Informix Name: book_supp_desc			TWB Name: book_supp_descriptor		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Supplemental information regarding a book or book-like publication that is pertinent to the citation of same but is not a standard data element.

Validation Rules

Table(s) Books **WB Table(s)** WB_Books

Name: book_title		Informix Name: book_title			TWB Name: book_title		
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description The identifying name or label given a book or book like reference.

Validation Rules

Table(s) Books **WB Table(s)** WB_Books

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: book_title_abbrev		Informix Name: book_title_abbrev		TWB Name: book_title_abbrev			
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		

Description A duplicate of, or where necessary, a shortened version limited to 254 characters of, the book title that can be used for searching, choice lists or other application requirements.

Validation Rules

Table(s) Books **WB Table(s)** WB_Books

Name: book_title_aux_abbrev		Informix Name: bk_title_aux_abbrev		TWB Name: book_title_aux_abbrev			
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		

Description A duplicate of, or where necessary, a shortened version limited to 254 characters of, the book title auxiliary that can be used for searching, choice lists or other application requirements.

Validation Rules

Table(s) Books **WB Table(s)** WB_Books

Name: book_title_auxiliary		Informix Name: book_title_aux		TWB Name: book_title_auxiliary			
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description That portion of an identifying title associated with conference or symposium proceedings or transactions, bulletins, reports, etc. including location and dates, report numbers and other applicable data.

Validation Rules

Table(s) Books **WB Table(s)** WB_Books

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: book_type		Informix Name: book_type			TWB Name: book_type		
VARCHAR 35,4	TEXT 35	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST	Book	Abstract Annual Report Atlas Book Dissertation Government publication Livraison Monograph Pamphlet Proceedings Series Volume Special Publication Thesis

Description A kind of written reference typically bound into a volume.

Validation Rules Require population of Series table data elements where book_type = Series Volume

Table(s) Books

WB Table(s) WB_Books

Name: book_volume		Informix Name: book_volume			TWB Name: book_volume		
VARCHAR 25,0	TEXT 25	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description A publishing notation indicating a specific book within a set or complete work.

Validation Rules

Table(s) Books

WB Table(s) WB_Books

Name: catalog_code		Informix Name: catalog_code			TWB Name: catalog_code		
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description A reference identifier assigned by a library, the Online Computer Library Center, Inc. (OCLC), or similar entity from which a source can be located and retrieved.

Validation Rules

Table(s) Books, Periodicals

WB Table(s) WB_Books, WB_Periodicals

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: catalog_code_source		Informix Name: catalog_code_src		TWB Name: catalog_code_source			
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		

Description The originating or constituting entity of the catalog code.

Validation Rules If the element catalog_code is populated, entry of this element is required. The term, unknown, is a legitimate value.

Table(s) Books, Periodicals

WB Table(s) WB_Books, WB_Periodicals

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: citation_id		Informix Name: citation_id		TWB Name: citation_id			
INTEGER	LONG_INTEGER	NOT NULL	NULL	PASSED PARAMETER	PASSED FROM ITIS		

Description The serial portion of the identifier created for one of the following: the Series table, the Books table, the Book_Sections table, the Periodicals table or the Articles table.

Validation Rules

Table(s) Reference_Roles, Publication_Details

WB Table(s) WB_Reference_Roles, WB_Publication_Details

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: citation_id_prefix		Informix Name: citation_id_prefix		TWB Name: citation_id_prefix			
VARCHAR 3,3	TEXT 3	NOT NULL	NOT NULL	PASSED PARAMETER	PASSED FROM ITIS		ART BKS PRD SEC SER

Description An identifying prefix to the citation_id that designates the publication or publication part being referenced.

Validation Rules

Table(s) Reference_Roles, Publication_Details

WB Table(s) WB_Reference_Roles, WB_Publication_Details

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: day_actual		Informix Name: day_actual			TWB Name: day_actual		
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description The true calendar date (one of the 31 possible calendar divisions within a month) on which a reference was published. This represents the verified date of the reference.

Validation Rules If month_actual and year_actual are populated, verify that the date can occur within the month and year identified. Such validation may only be possible for specified formats that will need to be identified.

Table(s) Articles, Books **WB Table(s)** WB_Articles, WB_Books

Name: day_first		Informix Name: day_first			TWB Name: day_first		
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description The calendar date (one of the 31 possible calendar divisions within a month) indicated as the initial date for a series or other multiple part work.

Validation Rules If month_first and year_first are populated, verify that the date can occur within the month and year identified. Such validation may only be possible for specified formats that will need to be identified.

Table(s) Series **WB Table(s)** WB_Series

Name: day_last		Informix Name: day_last			TWB Name: day_last		
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description The final calendar date (one of the 31 possible calendar divisions within a month) indicated for a series or other multiple part work.

Validation Rules If month_last and year_last are populated, verify that the date can occur within the month and year identified. Such validation may only be possible for specified formats that will need to be identified.

Table(s) Series **WB Table(s)** WB_Series

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: day_listed		Informix Name: day_listed			TWB Name: day_listed		
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description The date (one of the 31 possible calendar divisions within a month) printed or otherwise clearly identified for a reference.

Validation Rules If month_listed and year_listed are populated, verify that the date can occur within the month and year identified. Such validation may only be possible for specified formats that will need to be identified.

Table(s) Articles, Books **WB Table(s)** WB_Articles, WB_Books

Name: detail_comment		Informix Name: detail_comment			TWB Name: detail_comment		
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Remarks providing additional information regarding a specific item in an authored or edited reference.

Validation Rules

Table(s) Publication_Details **WB Table(s)** WB_Publication_Details

Name: detail_designation		Informix Name: detail_designation			TWB Name: detail_designation		
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Name or descriptive text associated with the figure, table, etc. and that serves to specify the item. Examples: Plate 1; Figure 2. Known and suspected areas of adaptation of Bouteloua gracilis

Validation Rules

Table(s) Publication_Details **WB Table(s)** WB_Publication_Details

Name: detail_designation_abbrev		Informix Name: detail_dsgntn_abbrev			TWB Name: detail_designation_abbrev		
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		

Description A duplicate of, or where necessary, a shortened version limited to 254 characters of, the detail designation that can be used for searching, choice lists or other application requirements.

Validation Rules

Table(s) Publication_Details **WB Table(s)** WB_Publication_Details

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: detail_pages		Informix Name: detail_page			TWB Name: detail_pages		
VARCHAR 10,0	TEXT 10	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description The specific page or page range on which an item of special significance is located. **Validation Rules**

Table(s) Publication_Details **WB Table(s)** WB_Publication_Details

Name: detail_type		Informix Name: detail_type			TWB Name: detail_type		
VARCHAR 25,3	TEXT 25	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST	Illustration Figure Table Plate Map	

Description Indication of the kind of representation significant enough to note as a part of a reference. **Validation Rules**

Table(s) Publication_Details **WB Table(s)** WB_Publication_Details

Name: documentation_id		Informix Name: documentation_id			TWB Name: documentation_id		
INTEGER	LONG_INTEGER	NOT NULL	NULL	PASSED PARAMETER	PASSED FROM ITIS		

Description The serial portion of the identifier created for one of the following: the Books table, the Book_Sections table, the Articles table, the Experts table or the Other_Sources table used with the documentation_id_prefix to provide the reference link with an instance from the Taxonomic_Units table, the Vernaculars table, the Change_Tracks table, the Geographic_Division table or the Jurisdiction table. **Validation Rules**

Table(s) TU_Reference_Links, Geographic_Reference_Links, Jurisdiction_Reference_Links, Vernaculars_Reference_Links, CT_Reference_Links **WB Table(s)** WB_TU_Reference_Links, WB_Geographic_Reference_Links, WB_Jurisdiction_Reference_Links, WB_Vernaculars_Reference_Links, WB_CT_Reference_Links

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: documentation_id_prefix **Informix Name: doc_id_prefix** **TWB Name: documentation_id_prefix**

VARCHAR 3,3	CHARACTER 3	NOT NULL	NOT NULL	PASSED PARAMETER	PASSED FROM ITIS		ART BKS EXP SEC SRC
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Description An identifying character set preceding the documentation_id specifying the reference as a book, periodical, expert or other source.

Validation Rules

Table(s) TU_Reference_Links, Geographic_Reference_Links, Jurisdiction_Reference_Links, Vernaculars_Reference_Links, CT_Reference_Links

WB Table(s) WB_TU_Reference_Links, WB_Geographic_Reference_Links, WB_Jurisdiction_Reference_Links, WB_Vernaculars_Reference_Links, WB_CT_Reference_Links

Name: isbn **Informix Name: isbn** **TWB Name: isbn**

VARCHAR 35,0	TEXT 35	NULL	NULL	PASSED FROM TWB	USER ENTERED		
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Description International Standard Book Number - a unique numeric identifier for books; older publications and some foreign books do not have assigned ISBN numbers. The ISBN may identify a particular year or monograph in an ongoing serial or series.

Validation Rules

Table(s) Books

WB Table(s) WB_Books

Name: issn **Informix Name: issn** **TWB Name: issn**

VARCHAR 35,0	TEXT 35	NULL	NULL	PASSED FROM TWB	USER ENTERED		
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Description International Standard Serial Number - a unique numeric identifier for periodicals; older journals and some foreign publications do not have assigned ISSN numbers. The ISSN may identify an overall serial.

Validation Rules

Table(s) Periodicals, Series

WB Table(s) WB_Periodicals, WB_Series

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: listing_order		Informix Name: listing_order			TWB Name: listing_order		
SMALLINT	INTEGER	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	USER ENTERED	1	

Description An indication of positioning for authors or editors of a reference. Determines the position from the left in which a person or organization is cited in output. **Validation Rules**

Table(s) Reference_Roles **WB Table(s)** WB_Reference_Roles

Name: medium		Informix Name: medium			TWB Name: medium		
VARCHAR 35,5	TEXT 35	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST	Print	CD-ROM Internet Microfilm Print

Description The material, device or technique employed to communicate the information contained in a reference. **Validation Rules**

Table(s) Books, Periodicals **WB Table(s)** WB_Books, WB_Periodicals

Name: medium_citation		Informix Name: medium_citation			TWB Name: medium_citation		
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description For media, other than print, on which a source is stored, the appropriate Internet, telnets, CD-ROM, microfilm, etc. address or citation for the identified reference. **Validation Rules**

Table(s) Books, Periodicals **WB Table(s)** WB_Books, WB_Periodicals

Name: month_actual		Informix Name: month_actual			TWB Name: month_actual		
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		Due to the variation by which month is designated by individual publications, a standard storage value and therefore use of a choice list is not deemed advisable.

Description The true calendar month (one of the twelve generally accepted divisions of a year) in which a reference was published. This represents the verified date of the reference. **Validation Rules**

Table(s) Articles, Books **WB Table(s)** WB_Articles, WB_Books

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: month_first		Informix Name: month_first			TWB Name: month_first		
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		Due to the variation by which month is designated by individual publications, a standard storage value and therefore use of a choice list is not deemed advisable.

Description The calendar designation indicated as the initial month (one of the twelve generally accepted divisions of a year) for a series or other multiple part work. **Validation Rules**

Table(s) Series **WB Table(s)** WB_Series

Name: month_last		Informix Name: month_last			TWB Name: month_last		
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		Due to the variation by which month is designated by individual publications, a standard storage value and therefore use of a choice list is not deemed advisable.

Description The calendar designation indicated as the last month (one of the twelve generally accepted divisions of a year) for a series or other multiple part work. **Validation Rules**

Table(s) Series **WB Table(s)** WB_Series

Name: month_listed		Informix Name: month_listed			TWB Name: month_listed		
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		Due to the variation by which month is designated by individual publications, a standard storage value and therefore use of a choice list is not deemed advisable.

Description The month designation (one of the twelve generally accepted divisions of a year) printed or otherwise clearly identified for a reference. **Validation Rules**

Table(s) Articles, Books **WB Table(s)** WB_Articles, WB_Books

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: non_page_specific		Informix Name: non_page_specific			TWB Name: non_page_specific		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	An identifier of location, such as a plate for information regarding a scientific name within a written reference if the specific page or page range cannot be specified.				Validation Rules	Case sensitivity of any designation in Roman numerals must be handled. For example, XI must be distinguishable from xi.	
Table(s)	Geographic_Reference_Links, Jurisdiction_Reference_Links, Vernaculars_Reference_Links, CT_Reference_Links			WB Table(s)	WB_Geographic_Reference_Links, WB_Jurisdiction_Reference_Links, WB_Vernaculars_Reference_Links, WB_CT_Reference_Links		
Name: original_desc_designation		Informix Name: orgnl_desc_dsgntn			TWB Name: original_desc_designation		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	An identifier of location, such as a plate, of the original description for a taxon within a written reference if the specific page or page range cannot be specified.				Validation Rules	Case sensitivity of any designation in Roman numerals must be handled. For example, XI must be distinguishable from xi.	
Table(s)	TU_Reference_Links			WB Table(s)	WB_TU_Reference_Links		
Name: original_desc_ind		Informix Name: original_desc_ind			TWB Name: original_desc_ind		
VARCHAR 1,1	YES/NO 1	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	CHOICE LIST	N	If selected, the indicator will be set to true. Y N - default
Description	Indicator used to identify the reference as being the original description of the taxon.				Validation Rules		
Table(s)	TU_Reference_Links			WB Table(s)	WB_TU_Reference_Links		
Name: original_desc_pages		Informix Name: original_desc_pgs			TWB Name: original_desc_pages		
VARCHAR 10,0	TEXT 10	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	The specific page or page range within the written reference for which the details of the original description for a taxon can be found.				Validation Rules	Case sensitivity of page references in Roman numerals must be handled. For example, XI must be distinguishable from xi.	
Table(s)	TU_Reference_Links			WB Table(s)	WB_TU_Reference_Links		

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: pages_in_book		Informix Name: pages_in_book		TWB Name: pages_in_book			
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Page numbers within a book or book-like publication to which the specific citation refers. The pages may be sequential and identify a range or may indicate separations.				Validation Rules	Case sensitivity of page references in Roman numerals must be handled. For example, XI must be distinguishable from xi.	
Table(s)	Book_Sections		WB Table(s)	WB_Book_Sections			
Name: pages_in_periodical		Informix Name: pgs_in_periodical		TWB Name: pages_in_periodical			
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Page numbers within a journal, periodical or similar publication to which the specific citation refers. The pages may be sequential and identify a range or may indicate separations.				Validation Rules	Case sensitivity of page references in Roman numerals must be handled. For example, XI must be distinguishable from xi.	
Table(s)	Articles		WB Table(s)	WB_Articles			
Name: pages_numbered_total		Informix Name: pgs_numbered_total		TWB Name: pages_numbered_total			
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	An indication of the complete number of pages having a numeric designation. This can include a distinction between those identified by Roman numerals and those identified by Arabic numerals.				Validation Rules		
Table(s)	Books		WB Table(s)	WB_Books			
Name: pages_specific		Informix Name: pages_specific		TWB Name: pages_specific			
VARCHAR 35,0	TEXT 35	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Page numbers within a reference providing a precise citation of the subject name and associated data, other than the original description.				Validation Rules		
Table(s)	TU_Reference_Links, Geographic_Reference_Links, Jurisdiction_Reference_Links, Vernacular_Reference_Links, CT_Reference_Links		WB Table(s)	WB_TU_Reference_Links, WB_Geographic_Reference_Links, WB_Jurisdiction_Reference_Links, WB_Vernacular_Reference_Links, WB_CT_Reference_Links			

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: pages_unnumbered_total	Informix Name: pgs_unnumbrd_total	TWB Name: pages_unnumbered_total					
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description An indication of the number of pages in a reference with no numeric designation. **Validation Rules**

Table(s) Books **WB Table(s)** WB_Books

Name: periodical_abbreviation	Informix Name: periodical_abbr	TWB Name: periodical_abbreviation					
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		

Description A shortened version of the name or title of a journal or other periodical reference understood and used by the scientific community. **Validation Rules**

Table(s) Periodicals **WB Table(s)** WB_Periodicals

Name: periodical_comment	Informix Name: periodical_comment	TWB Name: periodical_comment					
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Remarks associated with a journal, periodical or similar reference. **Validation Rules**

Table(s) Periodicals **WB Table(s)** WB_Periodicals

Name: periodical_id	Informix Name: periodical_id	TWB Name: periodical_id					
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		

Description A unique identifier for a journal, periodical or similar publication. **Validation Rules**

Table(s) Periodicals **WB Table(s)** WB_Periodicals

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: periodical_id_prefix		Informix Name: periodical_id_prfx		TWB Name: periodical_id_prefix			
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	PRD	PRD

Description A prefix used with a serial number that associates a specific record with the Periodicals table.

Validation Rules

Table(s) Periodicals

WB Table(s) WB_Periodicals

Name: periodical_issue		Informix Name: periodical_issue		TWB Name: periodical_issue			
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description A publishing notation that provides information regarding a journal, periodical or similar reference.

Validation Rules

Table(s) Articles

WB Table(s) WB_Articles

Name: periodical_name		Informix Name: periodical_name		TWB Name: periodical_name			
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		

Description The identifying title by which a journal, periodical or similar publication is known.

Validation Rules

Table(s) Periodicals

WB Table(s) WB_Periodicals

Name: periodical_name_abbr		Informix Name: periodical_nm_abbr		TWB Name: periodical_name_abbr			
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		

Description A duplicate of, or where necessary, a shortened version limited to 254 characters of, the name of the periodical. This version can be used for searching, choice lists or other application requirements.

Validation Rules

Table(s) Periodicals

WB Table(s) WB_Periodicals

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: periodical_series		Informix Name: periodical_series		TWB Name: periodical_series			
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	A designation in a citation of a succession of volumes or issues of a journal or other periodical reference related temporally, by subject, or other categorization.				Validation Rules		
Table(s)	Articles	WB Table(s)		WB_Articles			
Name: periodical_volume		Informix Name: periodical_volume		TWB Name: periodical_volume			
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	A designation regarding the series of issues for a journal or other periodical reference.				Validation Rules		
Table(s)	Articles	WB Table(s)		WB_Articles			
Name: publication_city		Informix Name: publication_city		TWB Name: publication_city			
VARCHAR 75,0	TEXT 75	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Town or municipality identified as the location of the publisher of a reference.				Validation Rules		
Table(s)	Books, Periodicals	WB Table(s)		WB_Books, WB_Periodicals			
Name: publication_country		Informix Name: publication_cntry		TWB Name: publication_country			
VARCHAR 75,0	TEXT 75	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Nation identified as the location of the publisher of a reference.				Validation Rules		
Table(s)	Books, Periodicals	WB Table(s)		WB_Books, WB_Periodicals			

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: publication_detail_id		Informix Name: pub_detail_id		TWB Name: publication_detail_id			
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
Description	A unique identifier for a specific entry of significance in a book, section of a book, or section of a periodical.				Validation Rules		
Table(s)	Publication_Details			WB Table(s) WB_Publication_Details			
Name: publication_state		Informix Name: publication_state		TWB Name: publication_state			
VARCHAR 75,0	TEXT 75	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Intermediate geo-political unit between city and country identified as the location of the publisher of a reference.				Validation Rules		
Table(s)	Books, Periodicals			WB Table(s) WB_Books, WB_Periodicals			
Name: published_status		Informix Name: published_status		TWB Name: published_status			
VARCHAR 35,8	TEXT 35	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	CHOICE LIST	Published	Published Unpublished Manuscript In press Submitted
Description	An indication of the state of public circulation of a book or book like reference.				Validation Rules If original_desc_ind is set to Y, then the only option allowed is Published.		
Table(s)	Books			WB Table(s) WB_Books			
Name: ref_organization_comment		Informix Name: ref_org_comment		TWB Name: ref_organization_comment			
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Supplemental information regarding a group, society, corporation, or similar entity that has been identified as participating in the creation or production of a written reference.				Validation Rules		
Table(s)	Reference_Organizations			WB Table(s) WB_Reference_Organizations			

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: ref_organization_id		Informix Name: ref_org_id		TWB Name: ref_organization_id			
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
Description A system generated unique identifier for an entity associated with a reference that is not a person.				Validation Rules			
Table(s) Reference_Organizations				WB Table(s) WB_Reference_Organizations			
Name: ref_organization_id_prefix		Informix Name: ref_org_prefix		TWB Name: ref_organization_id_prefix			
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	RFO	RFO
Description A prefix used with a serial number that associated a specific record with the Reference_Organizations table.				Validation Rules			
Table(s) Reference_Organizations				WB Table(s) WB_Reference_Organizations			
Name: ref_organization_name		Informix Name: ref_org_name		TWB Name: ref_organization_name			
VARCHAR 255,0	TEXT 255	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		
Description The identifying title by which a group, corporation or like entity responsible for the creation, issuance, or production of a reference is known.				Validation Rules			
Table(s) Reference_Organizations				WB Table(s) WB_Reference_Organizations			
Name: ref_person_comment		Informix Name: ref_person_comment		TWB Name: ref_person_comment			
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description Supplemental information regarding a participant in the creation or production of a written reference.				Validation Rules			
Table(s) Reference_People				WB Table(s) WB_Reference_People			

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: ref_person_first		Informix Name: ref_person_first		TWB Name: ref_person_first			
VARCHAR 50,0	TEXT 50	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	The given name or first initial of an individual who participated in the creation or production of a written reference.				Validation Rules		
Table(s)	Reference_People	WB Table(s)		WB_Reference_People			
Name: ref_person_middle		Informix Name: ref_person_middle		TWB Name: ref_person_middle			
VARCHAR 50,0	TEXT 50	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Name(s) or initial(s) that occur between the first name and surname of an individual who participated in the creation or production of a written reference.				Validation Rules		
Table(s)	Reference_People	WB Table(s)		WB_Reference_People			
Name: ref_person_suffix		Informix Name: ref_person_suffix		TWB Name: ref_person_suffix			
VARCHAR 10,0	TEXT 10	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Designations of rank within a family, such as Jr., and similar type designations following the surname of an individual participating in the creation or production of a written reference.				Validation Rules		
Table(s)	Reference_People	WB Table(s)		WB_Reference_People			
Name: ref_person_surname		Informix Name: ref_person_surname		TWB Name: ref_person_surname			
VARCHAR 100,0	TEXT 100	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		
Description	The family name of an individual who participated in the creation or production of a written reference.				Validation Rules		
Table(s)	Reference_People	WB Table(s)		WB_Reference_People			

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: reference_entity_id		Informix Name: ref_entity_id		TWB Name: reference_entity_id			
INTEGER	LONG_INTEGER	NOT NULL	NULL	PASSED PARAMETER	PASSED FROM ITIS		

Description The unique identifier created for either the Reference_People table or the Reference_Organizations table being used to establish a link between a participant in the production of a publication and the publication itself.

Validation Rules

Table(s) Reference_Roles **WB Table(s)** WB_Reference_Roles

Name: reference_entity_id_prefix		Informix Name: ref_entity_prefix		TWB Name: reference_entity_id_prefix			
VARCHAR 3,3	TEXT 3	NOT NULL	NOT NULL	PASSED PARAMETER	PASSED FROM ITIS	RFP	RFO

Description An identifying prefix to the reference_entity_id that designates the individual or organization participating in the creation or issuance of a reference.

Validation Rules

Table(s) Reference_Roles **WB Table(s)** WB_Reference_Roles

Name: reference_person_id		Informix Name: ref_person_id		TWB Name: reference_person_id			
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		

Description A system generated unique identifier for a human associated with the creation or production of a reference.

Validation Rules

Table(s) Reference_People **WB Table(s)** WB_Reference_People

Name: reference_person_id_prefix		Informix Name: ref_person_prefix		TWB Name: reference_person_id_prefix			
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	RFP	RFP

Description An prefix used with a serial number that associates a specific record the Reference_People table.

Validation Rules

Table(s) Reference_People **WB Table(s)** WB_Reference_People

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: reference_role		Informix Name: reference_role			TWB Name: reference_role		
VARCHAR 35,6	TEXT 35	NOT NULL	NOT NULL	PASSED FROM TWB	CHOICE LIST		Author Compiler Contributor Editor Publisher Translator
Description	A descriptive word identifying the function an individual or entity performed in the creation or production of a written reference.				Validation Rules		
Table(s)	Reference_Roles	WB Table(s)			WB_Reference_Roles		
Name: section_comment		Informix Name: section_comment			TWB Name: section_comment		
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	Remarks or additional descriptive information pertinent to a part of a book or book-like reference.				Validation Rules		
Table(s)	Book_Sections	WB Table(s)			WB_Book_Sections		
Name: section_date_other		Informix Name: section_date_other			TWB Name: section_date_other		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	A time assignment from other than the Gregorian calendar applicable to a part of a book or book-like reference.				Validation Rules		
Table(s)	Book_Sections	WB Table(s)			WB_Book_Sections		
Name: section_date_other_type		Informix Name: sect_dt_otrh_type			TWB Name: section_date_other_type		
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	A designation of the calendar system, other than the Gregorian calendar on which the entry in section_date_other is based.				Validation Rules		
Table(s)	Book_Sections	WB Table(s)			WB_Book_Sections		

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: section_day		Informix Name: section_day			TWB Name: section_day		
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Reference to one of the 31 possible calendar divisions within a month that has significance in the citation of a part of a book or book-like reference.

Validation Rules If section_month and section_year are populated, verify that the date can occur within the month and year identified.

Table(s) Book_Sections **WB Table(s)** WB_Book_Sections

Name: section_designation		Informix Name: section_dsgntn			TWB Name: section_designation		
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Specific label or title for a part of a book or book-like reference. Examples: Chapter 10, Appendix C

Validation Rules

Table(s) Book_Sections **WB Table(s)** WB_Book_Sections

Name: section_month		Informix Name: section_month			TWB Name: section_month		
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		Due to the variation by which month is designated by individual references, a standard storage value and therefore use of a choice list, is not deemed advisable.

Description Reference to one of the twelve generally accepted divisions of the year that has significance in the citation of a part of a book or book-like reference.

Validation Rules

Table(s) Book_Sections **WB Table(s)** WB_Book_Sections

Name: section_supp_descriptor		Informix Name: section_supp_desc			TWB Name: section_supp_descriptor		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Supplemental information regarding a section of a book or book-like publication that is pertinent to the citation but is not a standard data element.

Validation Rules

Table(s) Book_Sections **WB Table(s)** WB_Book_Sections

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: section_title	Informix Name: section_title	TWB Name: section_title
TEXT	MEMO	
	NULL	NULL
	PASSED FROM TWB	USER ENTERED

Description A descriptive label given a distinct part of a book or book-like reference. Example: Long-term Monitoring of Biological Diversity

Validation Rules

Table(s)	WB Table(s)
Book_Sections	WB_Book_Sections

Name: section_title_abbrev	Informix Name: section_title_abbrev	TWB Name: section_title_abbrev
VARCHAR 254,1	TEXT 254	
NOT NULL	NULL	
UNIQUE	PASSED FROM TWB	SYSTEM GENERATED

Description A duplicate of, or where necessary, a shortened version limited to 254 characters of, the section title that can be used for searching, choice lists or other application requirements.

Validation Rules

Table(s)	WB Table(s)
Book Sections	WB_Book Sections

Name: section_type	Informix Name: section_type	TWB Name: section_type
VARCHAR 50,15	TEXT 50	
NOT NULL	NULL	
	PASSED FROM TWB	UPDATABLE CHOICE LIST
		Appendix Chapter Supplement

Description A categorization of the particular part of a book or book-like reference being cited.

Validation Rules

Table(s)	WB Table(s)
Book_Sections	WB_Book Sections

Name: section_year	Informix Name: section_year	TWB Name: section_year
VARCHAR 4,0	TEXT 4	
NULL	NULL	
	PASSED FROM TWB	USER ENTERED

Description Reference to a specific annual calendar period that has significance in the citation of a division or part of a book or book-like reference.

Validation Rules

Table(s)	WB Table(s)
Book_Sections	WB_Book_Sections

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: series_comment		Informix Name: series_comment			TWB Name: series_comment		
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description Remarks or additional descriptive information pertinent to a multi-volume set of book or book-like written references.

Validation Rules

Table(s) Series ----- WB Table(s) WB_Series -----

Name: series_date_other		Informix Name: series_date_other			TWB Name: series_date_other		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description A time assignment from other than the Gregorian calendar applicable to a multi-volume set of books or book-like references.

Validation Rules

Table(s) Series ----- WB Table(s) WB_Series -----

Name: series_date_other_type		Informix Name: series_dt_otrh_typ			TWB Name: series_date_other_type		
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description A designation of the calendar system, other than the Gregorian calendar on which the entry in series_date_other is based.

Validation Rules

Table(s) Series ----- WB Table(s) WB_Series -----

Name: series_id		Informix Name: series_id			TWB Name: series_id		
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		

Description A unique identifier for a multi-volume set of books or book-like publications.

Validation Rules

Table(s) Series ----- WB Table(s) WB_Series -----

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: series_id_prefix		Informix Name: series_id_prefix			TWB Name: series_id_prefix		
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	SER	SER
Description A prefix used with a serial number that associates a specific record with the Series table.					Validation Rules		
Table(s) Series				WB Table(s) WB_Series, WB_Books			
Name: series_title		Informix Name: series_title			TWB Name: series_title		
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description The name or descriptive label associated with a multi-volume set of book or book-like references.					Validation Rules		
Table(s) Series				WB Table(s) WB_Series			
Name: series_title_abbr		Informix Name: series_title_abbr			TWB Name: series_title_abbr		
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
Description A duplicate of, or where necessary, a shortened version limited to 254 characters of, the series title that can be used for searching, choice lists or other application requirements.					Validation Rules		
Table(s) Series				WB Table(s) WB_Series			
Name: series_type		Informix Name: series_type			TWB Name: series_type		
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		Botanical Geological Zoological
Description An indication of the predominant discipline addressed by the reference.					Validation Rules		
Table(s) Series				WB Table(s) WB_Series			

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: total_volumes		Informix Name: total_volumes			TWB Name: total_volumes		
SMALLINT 3,0	INTEGER	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		

Description A count of all books or book-like references included in a multi-volume set. **Validation Rules**

Table(s) Series **WB Table(s)** WB_Series

Name: translation_from		Informix Name: translation_from			TWB Name: translation_from		
VARCHAR 50,0	TEXT 50	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		

Description The identification of the language in which a reference was originally written. **Validation Rules**

Table(s) Books, Periodicals **WB Table(s)** WB_Books, WB_Periodicals

Name: transliterated_flag		Informix Name: transliterated_flg			TWB Name: transliterated_flag		
VARCHAR 1,1	YES/NO 1	NOT NULL WITH DEFAULT	NOT NULL	PASSED FROM TWB	CHOICE LIST	N	Y N - default

Description An indicator to identify the representation of a name or title as being in an alphabet other than its original. **Validation Rules**

Table(s) Books, Periodicals, Reference_People, Reference_Organizations **WB Table(s)** WB_Books, WB_Periodicals, WB_Reference_People, WB_Reference_Organizations

Name: wb_article_id		Informix Name:			TWB Name: wb_article_id		
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		

Description A unique identifier within the context of the Taxonomic Workbench for a portion of a journal, periodical or similar publication. **Validation Rules**

Table(s) **WB Table(s)** WB_Articles

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: wb_book_id		Informix Name:		TWB Name: wb_book_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	A unique identifier within the context of the Taxonomic Workbench for a book or book-like publication.				Validation Rules		
Table(s)	WB Table(s) WB_Books, WB_Book_Sections						
Name: wb_book_section_id		Informix Name:		TWB Name: wb_book_section_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	A unique identifier within the context of the Taxonomic Workbench for a part of a book or book-like reference.				Validation Rules		
Table(s)	WB Table(s) WB_Book_Sections						
Name: wb_citation_id		Informix Name:		TWB Name: wb_citation_id			
	LONG_INTEGER		NOT NULL		PASSED PARAMETER		
Description	The serial portion of the identifier within the context of the Taxonomic Workbench created for one of the following: the WB_Series table, the WB_Books table, the WB_Book_Sections table, the WB_Periodicals table, or the WB_Articles table.				Validation Rules		
Table(s)	WB Table(s) WB_Publication_Details, WB_Reference_Roles						

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
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Name: wb_documentation_id	Informix Name:	TWB Name: wb_documentation_id
LONG_INTEGER	NOT NULL	PASSED PARAMETER

Description The serial portion of the identifier passed from one of the following: the WB_Books table, the WB_Book_Sections table, the WB_Articles table, the WB_Experts table or the WB_Other_Sources table and used with the respective documentation_id_prefix to provide a reference link for an instance of the WB_Taxonomic_Units table, the WB_Vernaculars table, the WB_Change_Tracks table, the WB_Geographic_Division table, or the WB_Jurisdiction table.

Validation Rules

Table(s)

WB Table(s) WB_TU_Reference_Links, WB_Geographic_Reference_Links, WB_Jurisdiction_Reference_Links, WB_Vernaculars_Reference_Links, WB_CT_Reference_Links

Name: wb_periodical_id	Informix Name:	TWB Name: wb_periodical_id
AUTONUMBER	NOT NULL UNIQUE	SYSTEM GENERATED

Description A unique identifier within the context of the Taxonomic Workbench for a journal, periodical or similar publication.

Validation Rules

Table(s)

WB Table(s) WB_Periodicals, WB_Articles

Name: wb_publication_detail_id	Informix Name:	TWB Name: wb_publication_detail_id
AUTONUMBER	NOT NULL UNIQUE	SYSTEM GENERATED

Description A unique identifier within the context of the Taxonomic Workbench for a specific entry of significance in a book, section of a book, or section of a periodical.

Validation Rules

Table(s)

WB Table(s) WB_Publications_Details

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: wb_ref_organization_id		Informix Name:		TWB Name: wb_ref_organization_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	A unique identifier within the context of the Taxonomic Workbench for an entity associated with a reference that is not a person.				Validation Rules		
Table(s)	WB Table(s) WB_Reference_Organizations						
Name: wb_reference_entity_id		Informix Name:		TWB Name: wb_reference_entity_id			
	INTEGER		NOT NULL		PASSED PARAMETER		
Description	The serial portion of the identifier within the context of the Taxonomic Workbench created for the WB_Reference_People table or the WB_Reference_Organizations table.				Validation Rules		
Table(s)	WB Table(s) WB_Reference_Roles						
Name: wb_reference_person_id		Informix Name:		TWB Name: wb_reference_person_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	A unique identifier within the context of the Taxonomic Workbench for a human associated with the creation or production of a reference.				Validation Rules		
Table(s)	WB Table(s) WB_Reference_People						
Name: wb_series_id		Informix Name:		TWB Name: wb_series_id			
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	A unique identifier within the context of the Taxonomic Workbench for a multi-volume set of books or book like publications.				Validation Rules		
Table(s)	WB Table(s) WB_Series						

Informix Data Type & Qualifiers	Access Data Type & Qualifiers	Default Nullity Online	Default Nullity TWB	Data Source Online	Data Source TWB	Default Value	Values List
Name: year_actual		Informix Name: year_actual		TWB Name: year_actual			
VARCHAR 4,0	TEXT 4	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	The true calendar period in which a written reference was published. It may or may not correspond with a publication's listed year. This represents the verified date of the reference.				Validation Rules		
Table(s)	Articles, Books			WB Table(s) WB_Articles, WB_Books			
Name: year_first		Informix Name: year_first		TWB Name: year_first			
VARCHAR 4,0	TEXT 4	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	For a multiple volume set of books or book like references, the calendar period in which the series commenced.				Validation Rules		
Table(s)	Series			WB Table(s) WB_Series			
Name: year_last		Informix Name: year_last		TWB Name: year_last			
VARCHAR 4,0	TEXT 4	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	For a multiple volume set of books or book like references, the calendar period through which the series ran.				Validation Rules		
Table(s)	Series			WB Table(s) WB_Series			
Name: year_listed		Informix Name: year_listed		TWB Name: year_listed			
VARCHAR 4,0	TEXT 4	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	The calendar period printed or otherwise clearly identified for a reference.				Validation Rules		
Table(s)	Articles, Books			WB Table(s) WB_Articles, WB_Books			