## **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: abbrevia	tion_standard_org	g Inform	ix Name: abbr_s	tandard_org		TWB Name: abb	r_standard_org
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	roup, society, or similar en odical reference.	tity that has established th	ne generally accepted sho	ortened version of the name	of Validation	Rules If the element, per a value for this element.	riodical_abbreviation, is populated entry of ement is required.
Table(s) Periodicals				WB Table(s)	WB_Periodicals		
Name: alt_ct_re	f_id	Inform	ix Name:			TWB Name: alt_	ct_ref_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
<b>Description</b> An alt	ernate serial key for the W	B_CT_Reference_Links s	solely for the use of the v	workbench programmers.	Validation	Rules	
Table(s)				WB Table(s)	WB_CT_Reference_Lin	ks	
Name: alt_geo_i	ref_id	Inform	ix Name:			TWB Name: alt_	geo_ref_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	ernate serial key for the W mmers.	B_Geographic_Reference	_Links table solely for tl	ne use of the workbench	Validation	Rules	
Table(s)				WB Table(s)	WB_Geographic_Refere	nce_Links	

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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	Inform	ix Name:			TWB Name: alt_	jur_ref_id	
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED			
	ternate serial key for the Wammers.	B_Jurisdiction_Reference	e_Links table solely for the	e use of the workbench	Validation	Rules		
Table(s)				WB Table(s)	WB_Jurisdiction_Refere	nce_Links		
Name: alt_ref_i	role_id	Inform	ix Name:			TWB Name: alt_	ref_role_id	
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED			
<b>Description</b> An al	ternate serial key for the W	B_Reference_Roles table	solely for the use of the w	vorkbench programmers.	Validation	Rules		
Table(s)				WB Table(s)	WB_Reference_Roles			
Name: alt_tu_r	ef_id	Inform	ix Name:			TWB Name: alt_	tu_ref_id	
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED			
<b>Description</b> An al	ternate serial key for the W	B_TU_Reference_Links t	able solely for the use of t	the workbench programm	ers. Validation	Rules		
Table(s)				WB Table(s)	WB_TU_Reference_Lin	ks		
Name: alt_ver_	ref_id	Inform	ix Name:			TWB Name: alt_	ver_ref_id	
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED			
Description	ternate serial key for the Wammers.	B_Vernaculars_Reference	e_Links table solely for th	e use of the workbench	Validation	Rules		
Table(s)				WR Table(s)	WB_Vernaculars_Refere	ence Links		

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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_alt_descriptor		Inform	ix Name: art_alt	_descriptor		TWB Name: article_alt_descriptor		
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED			
		periodical reference that may ear to relate to be similar to		y to the notations of series,	Validation	Rules		
Table(s) Articles				WB Table(s)	WB_Articles			
Name: article_c	citation_ind	Inform	ix Name: art_cit	ation_ind		TWB Name: arti	cle_citation_ind	
VARCHAR 4,0	TEXT 4	NOT NULL	NULL	PASSED FROM TWB	CHOICE LIST	SVI	NONE ALT SVI	
Description Indica	ator to identify the user's	specification of series, volu	me and issue (SVI) or an	alternate article description	n. Validation	Rules		
Table(s) Articles				WB Table(s)	WB_Articles			
Name: article_c	comment	Inform	ix Name: article	_comment		TWB Name: arti	cle_comment	
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED			
<b>Description</b> Narrat	tive providing additional	information regarding an a	rticle in a journal, period	lical or similar publication.	Validation	Rules		
Table(s) Articles				WB Table(s)	WB_Articles			
Name: article_d	late_other	Inform	ix Name: article	_date_other		TWB Name: arti	cle_date_other	
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED			
<b>Description</b> A time period	e assignment from other dical.	than the Gregorian calendar	r applicable to a titled div	vision of a journal or other	Validation	Rules		
Table(s) Articles				WB Table(s)	WB_Articles			

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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_d	late_other_type	Inform	ix Name: art_da	te_othr_type		TWB Name: article_date_other_type
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED	
<b>Description</b> A desi		stem, other than the Grego	orian calendar on which	the entry in article_date_oth	ner <b>Validation</b>	Rules
Table(s) Articles				WB Table(s)	WB_Articles	
Name: article_i	d	Inform	ix Name: article	_id		TWB Name: article_id
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS	
Description A unio	que identifier for a portion	of a journal, periodical or	like publication.		Validation	Rules
Table(s) Articles				WB Table(s)	WB_Articles	
Name: article_io	d_prefix	Inform	ix 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
Description A pref	fix used with a serial numb	per that associates a specif	ic record with the Article	es table.	Validation	Rules
Table(s) Articles				WB Table(s)	WB_Articles	
Name: article_s	upp_descriptor	Inform	ix Name: article	_supp_desc		TWB Name: article_supp_descriptor
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED	
<b>Description</b> Supple but is	emental information regard not a standard data elemen	ding a part of a journal or nt.	periodical publication th	at is pertinent to the citation	<sup>n</sup> Validation	Rules
Table(s) Articles				WB Table(s)	WB_Articles	

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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_ti	itle	Inform	ix Name: article	_title		TWB Name: arti	cle_title
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> The id	lentifying name given a s	section contained in a journ	al, periodical or similar r	eference.	Validation	Rules	
Table(s) Articles				WB Table(s)	WB_Articles		
Name: article_ti	itle_abbr	Inform	ix Name: article	_title_abbr		TWB Name: arti	cle_title_abbr
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
Table(s) Articles		or other application require Inform		wB Table(s)	WB_Articles	TWB Name: book	 k_comment
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description Remai	rks associated with the be	ook reference cited.			Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		
Name: book_da	te_other	Inform	ix Name: book_c	late_other		TWB Name: book	k_date_other
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description A time	e assignment from other	than the Gregorian calendar	r applicable to a book or	book-like reference.	Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		

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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_da	te_other_type	Inform	ix Name: bk_dat	e_other_type		TWB Name: boo	k_date_other_type
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> A dessis base		stem, other than the Gregorian	orian calendar on which t	he entry in book_date_othe	v Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		
Name: book_ed	ition	Inform	ix Name: book_e	dition		TWB Name: boo	k_edition
VARCHAR 30,0	TEXT 30	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> A pub	olishing notation that provi	ides information regarding	the issuance of a book re	eference.	Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		
Name: book_id		Inform	ix Name: book_i	d		TWB Name: boo	k_id
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
Description A unio	que identifier for a book o	r book like publication.			Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books, WB_Book_	_Sections	
Name: book_id_	_prefix	Inform	ix Name: book_i	d_prefix		TWB Name: boo	k_id_prefix
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	BKS	BKS
<b>Description</b> A pres	fix used with a serial numl	ber that associates a specif	ic record with the Books	table.	Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		

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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_sec	ction_id	Inform	ix Name: book_s	ection_id		TWB Name: boo	k_section_id
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
<b>Description</b> A systematical experimental ex	em generated unique iden	tifier for a part of a book of	or book like reference.		Validation	Rules	
Table(s) Book_Section	ons			WB Table(s)	WB_Book_Sections		
Name: book_sec	ction_id_prefix	Inform	ix Name: book_s	ec_id_prefix		TWB Name: boo	k_sec_id_prefix
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	SEC	SEC
<b>Description</b> A pref	ix used with a serial numb	per that associates a specif	ic record with the Book_	Sections table.	Validation	Rules	
Table(s) Book_Section	ons			WB Table(s)	WB_Book_Sections		
Name: book_sup	pp_descriptor	Inform	ix Name: book_s	upp_desc		TWB Name: book	k_supp_descriptor
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> Supple is not a	emental information regard a standard data element.	ding a book or book-like p	publication that is pertine	nt to the citation of same bu	ut Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		
Name: book_titl	le	Inform	ix Name: book_t	itle		TWB Name: book	k_title
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> The id	lentifying name or label gi	ven a book or book like re	eference.		Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		

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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_titl	le_abbr	Inform	ix Name: book_t	itle_abbr		TWB Name: bool	k_title_abbr
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
200011011		ary, a shortened version lin or other application require		f, the book title that can be	Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		
Name: book_titl	le_aux_abbr	Inform	ix Name: bk_titl	e_aux_abbr		TWB Name: book	k_title_aux_abbr
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
Description		ary, a shortened version lin		f, the book title auxiliary tha	t Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		
Name: book_titl	le_auxiliary	Inform	ix Name: book_t	itle_aux		TWB Name: book	k_title_auxiliary
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	, ,	itle associated with confere location and dates, report	* 1 1		Validation	Rules	
Table(s) Books				WB Table(s)	WB_Books		

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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_typ	oe .	Inform	ix Name: book_t	type		TWB Name: boo	k_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	
<b>Description</b> A kind	of written reference typ	ically bound into a volume			Validation	Rules Require population book_type = Series	on of Series table data elements where ss Volume	
Table(s) Books				WB Table(s)	WB_Books			
Name: book_vol	lume	Inform	ix Name: book_v	volume	TWB Name: book_volume			
VARCHAR 25,0	TEXT 25	NULL	NULL	PASSED FROM TWB	USER ENTERED			
<b>Description</b> A pub	lishing notation indicatir	ng a specific book within a	set or complete work.		Validation	Rules		
Table(s) Books				WB Table(s)	WB_Books			
Name: catalog_o	code	Inform	ix Name: catalog	g_code		TWB Name: cata	llog_code	
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED			
<b>Description</b> A refe	rence identifier assigned which a source can be loc	by a library, the Online Co cated and retrieved.	omputer Library Center, I	inc. (OCLC), or similar entit	y Validation	Rules		
Table(s) Books, Perio	odicals			WB Table(s)	WB_Books, WB_Periodi	icals		

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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	Inform	Informix Name: catalog_code_src			TWB Name: catalog_code_source				
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST					
<b>Description</b> The o	riginating or constituting e	entity of the catalog code.			Validation		alog_code is populated, entry of this d. The term, unknown, is a legitimate value.			
Table(s) Books, Peri	iodicals			WB Table(s)	WB_Books, WB_Periodi	cals				
Name: citation_	_id	Inform	ix Name: citation	n_id		TWB Name: citat	tion_id			
INTEGER	LONG_INTEGER	NOT NULL	NULL	PASSED PARAMETER	PASSED FROM ITIS					
	erial portion of the identifi _Sections table, the Period			le, the Books table, the	Validation	Rules				
Table(s) Reference_	Roles, Publication_Details	3 		WB Table(s)	WB_Reference_Roles, W	/B_Publication_Details				
Name: citation_	_id_prefix	Inform	ix Name: citation	n_id_prefix		TWB Name: citat	tion_id_prefix			
VARCHAR 3,3	TEXT 3	NOT NULL	NOT NULL	PASSED PARAMETER	PASSED FROM ITIS		ART BKS PRD SEC SER			
<b>Description</b> An id	entifying prefix to the cita	tion_id that designates the	e publication or publicati	on part being referenced.	Validation	Rules				
Table(s) Reference_	Roles, Publication_Details	s		WB Table(s)	WB_Reference_Roles, W	B_Publication_Details				

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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: day_actua	ıl	Inform	ix Name: day_ac	ctual	TV	VB Name: day	_actual
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		
		he 31 possible calendar div verified date of the reference		on which a reference was	Validation Rules	date can occur wit	nd year_actual are populated, verify that the thin the month and year identified. Such ly be possible for specified formats that will ed.
Table(s) Articles, Book	ks			WB Table(s)	VB_Articles, WB_Books		
Name: day_first		Inform	ix Name: day_fii	rst	TV	VB Name: day	_first
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		
	endar date (one of the 3 r other multiple part wor		ns within a month) indic	ated as the initial date for a	Validation Rules	date can occur wit	year_first are populated, verify that the hin the month and year identified. Such ly be possible for specified formats that will ed.
Table(s) Series				WB Table(s)	VB_Series		
Name: day_last		Inform	ix Name: day_la	st	TV	VB Name: day	_last
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description	al calendar date (one of e part work.	the 31 possible calendar di	visions within a month)	indicated for a series or othe	validation Rules	can occur within t	year_last are populated, verify that the date he month and year identified. Such ly be possible for specified formats that will ed.
Table(s) Series				WB Table(s)	VB_Series		

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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: day_liste	ed	Inform	ix Name: day_lis	ted		TWB Name: day	_listed
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> The dereferen	, .	calendar divisions within	a month) printed or othe	rwise clearly identified for	a Validation	date can occur wi	nd year_listed are populated, verify that the thin the month and year identified. Such aly be possible for specified formats that will ied.
Table(s) Articles, Bo	ooks — — — — — —			WB Table(s)	WB_Articles, WB_Book	s 	
Name: detail_co	omment	Inform	ix Name: detail_	comment		TWB Name: deta	nil_comment
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> Rema	rks providing additional in	nformation regarding a spe	ecific item in an authored	or edited reference.	Validation	Rules	
Table(s) Publication	_Details			WB Table(s)	WB_Publication_Details		
Name: detail_de	esignation	Inform	ix Name: detail_	designation		TWB Name: deta	
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		<u> </u>
<b>Description</b> Name	or descriptive text associately figure 2. Known and su	ated with the figure, table, aspected areas of adaptatio	etc. and that serves to sp n of Bouteloua gracilis	ecify the item. Examples:	Validation	Rules	
Table(s) Publication	_Details			WB Table(s)	WB_Publication_Details		
Name: detail_de	esignation_abbr	Inform	ix Name: detail_	dsgntn_abbr		TWB Name: deta	nil_designation_abbr
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
<b>Description</b> A dup	plicate of, or where necessa	ary, a shortened version linger lists or other application	nited to 254 characters of	the detail designation that	t Validation	Rules	
Table(s) Publication	_	or omer appreciation		WB Table(s)	WB_Publication_Details		

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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: detail_pages				page		TWB Name: detail_pages		
VARCHAR 10,0	TEXT 10	NULL	NULL	PASSED FROM TWB	USER ENTERED			
<b>Description</b> The s	pecific page or page range	on which an item of speci	al significance is located	1.	Validation	Rules		
Table(s) Publication	n_Details			WB Table(s)	WB_Publication_Details	s 		
Name: detail_ty	ype	Inform	ix Name: detail_	type		TWB Name: deta	nil_type	
VARCHAR 25,3	TEXT 25	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		Illustration Figure Table Plate Map	
Description Indica	ation of the kind of represe	ntation significant enough	to note as a part of a ref	Perence.	Validation	Rules		
Table(s) Publication	n_Details			WB Table(s)	WB_Publication_Details	s 		
Name: documen	ntation_id	Inform	ix Name: docum	entation_id		TWB Name: doc	umentation_id	
INTEGER	LONG_INTEGER	NOT NULL	NULL	PASSED PARAMETER	PASSED FROM ITIS			
the A	erial portion of the identification times table, the Experts table the reference link with a ge_Tracks table, the Geogr	ble or the Other_Sources to an instance from the Taxor	able used with the docur nomic_Units table, the V	mentation_id_prefix to	Validation	Rules		
	ence_Links, Geographic_Ron_Reference_Links, Vernacence_Links			WB Table(s)		ks, WB_Geographic_Refere ence_Links, WB_Vernacular ks		

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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: documen	tation_id_prefix	Inform	ix Name: doc_id	_prefix		TWB Name: doc	umentation_id_prefix
VARCHAR 3,3	CHARACTER 3	NOT NULL	NOT NULL	PASSED PARAMETER	PASSED FROM ITIS		ART BKS EXP SEC SRC
D COCI I PUIOII	ntifying character set prec or other source.	eding the documentation_	_id specifying the referen	nce as a book, periodical,	Validation	Rules	
	ce_Links, Geographic_Re _Reference_Links, Vernac ce_Links			WB Table(s)		ks, WB_Geographic_Reference_Links, WB_Vernaculars	
Name: isbn		Inform	ix Name: isbn			TWB Name: isbn	ı
VARCHAR 35,0	TEXT 35	NULL	NULL	PASSED FROM TWB	USER ENTERED		
foreign	tional Standard Book Nun books do not have assign oing serial or series.	1		r publications and some icular year or monograph i	<b>Validation</b>	Rules	
Table(s) Books				WB Table(s)	WB_Books		
Name: issn		Inform	ix Name: issn			TWB Name: issn	
VARCHAR 35,0	TEXT 35	NULL	NULL	PASSED FROM TWB	USER ENTERED		
	tional Standard Serial Nu publications do not have				Validation	Rules	
Table(s) Periodicals,	Series			WB Table(s)	WB_Periodicals, WB_Se	ries	

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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: listing_o	order	Inform	ix Name: listing_	order		TWB Name: listing_order			
SMALLINT	INTEGER	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	USER ENTERED	1			
	dication of positioning fo son or organization is cite	or authors or editors of a ref d in output.	erence. Determines the p	osition from the left in whi	ch Validation	Rules			
Table(s) Reference_	Roles			WB Table(s)	WB_Reference_Roles				
Name: medium		Inform	ix Name: mediur	n		TWB Name: med	lium		
VARCHAR 35,5	TEXT 35	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST	Print	CD-ROM Internet Microfilm Print		
<b>Description</b> The m	naterial, device or techniq	ue employed to communic	ate the information conta	ined in a reference.	Validation	Rules			
Table(s) Books, Peri	iodicals			WB Table(s)	WB_Books, WB_Period	icals			
Name: medium	citation	Inform	ix Name: mediur	n_citation		TWB Name: med	lium_citation		
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED				
	nedia, other than print, on ddress or citation for the i	which a source is stored, the	ne appropriate Internet, te	lnet, CD-ROM, microfilm,	Validation	Rules			
Table(s) Books, Peri	iodicals			WB Table(s)	WB_Books, WB_Period	icals			
Name: month_a	actual	Inform	ix Name: month	_actual		TWB Name: mor	nth_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.		
		of the twelve generally acce		in which a reference was	Validation	Rules			
Table(s) Articles, Bo	ooks			WB Table(s)	WB_Articles, WB_Book	r.s			

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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: month_first				_first		TWB Name: mor	nth_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.
	alendar designation indica series or other multiple pa		ne of the twelve generally	y accepted divisions of a year	ar) Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: month_l	ast	Inform	ix Name: month	_last		TWB Name: mor	nth_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.
	alendar designation indica series or other multiple pa		of the twelve generally a	ccepted divisions of a year)	Validation 1	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: month_li	isted	Inform	ix Name: month	_listed		TWB Name: moi	nth_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.
	nonth designation (one of fied for a reference.	the twelve generally accept	ted divisions of a year) p	rinted or otherwise clearly	Validation 1	Rules	
Table(s) Articles, Bo	ooks			WB Table(s)	WB_Articles, WB_Books		

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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_pag	ge_specific	Informix Name: non_page_specific				TWB Name: non_page_specific		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED			
	entifier of location, such as pecific page or page range c		garding a scientific nam	e within a written reference	if Validation		f any designation in Roman numerals must example, XI must be distinguishable from xi.	
	c_Reference_Links, Jurisdic s_Reference_Links, CT_Re			WB Table(s)	WB_Geographic_Referen	nce_Links, WB_Jurisdiction	n_Reference_Links, ence_Links	
Name: original_	_desc_designation	Inform	ix Name: orgnl_o	desc_dsgntn		TWB Name: orig	ginal_desc_designation	
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED			
	entifier of location, such as fic page or page range cann		scription for a taxon with	hin a written reference if the	Validation		f any designation in Roman numerals must example, XI must be distinguishable from xi.	
Table(s) TU_Refere	nce_Links			WB Table(s)	WB_TU_Reference_Link	s		
Name: original_	_desc_ind	Inform	ix Name: origina	l_desc_ind		TWB Name: orig	ginal_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 Indica	ator used to identify the refe	erence as being the original	al description of the taxo	n.	Validation 1	Rules		
Table(s) TU_Refere	nce_Links			WB Table(s)	WB_TU_Reference_LInk	s		
Name: original_	_desc_pages	Inform	ix Name: origina	l_desc_pgs		TWB Name: orig	;inal_desc_pages	
VARCHAR 10,0	TEXT 10	NULL	NULL	PASSED FROM TWB	USER ENTERED			
	pecific page or page range can be found.	within the written reference	ce for which the details o	of the original description for	validation		f page references in Roman numerals must xample, XI must be distinguishable from xi.	
Table(s) TU_Referen				WB Table(s)	WB_TU_Reference_Link	S.S.		

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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	Inform	ix Name: pages_	in_book		TWB Name: pages_in_book
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED	
		book-like publication to wor may indicate separation		refers. The pages may be	Validation	Rules Case sensitivity of page references in Roman numerals must be handled. For example, XI must be distinguishable from xi.
Table(s) Book_Section	ions			WB Table(s)	WB_Book_Sections	
Name: pages_in	_periodical	Inform	ix Name: pgs_in	_periodical		TWB Name: pages_in_periodical
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED	
		periodical or similar publi a range or may indicate se		ific citation refers. The pag		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_n	umbered_total	Inform	ix Name: pgs_nu	ımbered_total		TWB Name: pages_numbered_total
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED	
<b>Description</b> An in between	dication of the complete reen those identified by Ro	number of pages having a r man numerals and those id	numeric designation. This entified by Arabic numer	is can include a distinction rals.	Validation	Rules
Table(s) Books				WB Table(s)	WB_Books	
Name: pages_sp	pecific	Inform	ix Name: pages_	specific		TWB Name: pages_specific
VARCHAR 35,0	TEXT 35	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED	
<b>Description</b> Page the or	numbers within a reference	e providing a precise citat	on of the subject name a	nd associated data, other the	an Validation	Rules
	nce_Links, Geographic_R n_Reference_Links, Verna nce_Links			```	WB_TU_Reference_Link WB_Jurisdiction_Refere WB_CT_Reference_Link	ks, WB_Geographic_Reference_Links, nce_Links, WB_Vernacular_Reference_Links, ks

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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_unnumbered_total		Inform	ix Name: pgs_ur	nnumbrd_total		TWB Name: pages_unnumbered_total
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED	
<b>Description</b> An indication of the number of pages in a reference			no numeric designation.		Validation	ı Rules
Table(s) Books				WB Table(s)	WB_Books	
Name: periodic	al_abbreviation	Inform	ix Name: period	ical_abbr		TWB Name: periodical_abbreviation
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST	
<b>Description</b> A sho scient	ortened version of the name tific community.	or title of a journal or oth	er periodical reference u	inderstood and used by the	Validation	n Rules
Table(s) Periodicals				WB Table(s)	WB_Periodicals	
Name: periodic	al_comment	Inform	Informix Name: periodical_comment			TWB Name: periodical_comment
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED	
Description Rema	arks associated with a journ	al, periodical or similar re	eference.		Validation	ı Rules
Table(s) Periodicals	: 			WB Table(s)	WB_Periodicals	
Name: periodical_id		ix Name: period	ne: periodical_id		TWB Name: periodical_id	
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS	
Description A uni	ique identifier for a journal,	, periodical or similar pub	lication.		Validation	n Rules
Table(s) Periodicals	<b>;</b>			WB Table(s)	WB_Periodicals	

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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		Inform	ix Name: periodi	ical_id_prfx		TWB Name: peri	odical_id_prefix
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	PRD	PRD
Description A prefi	ix used with a serial num	nber that associates a specif	ic record with the Period	icals table.	Validation	Rules	
Table(s) Periodicals				WB Table(s)	WB_Periodicals		
Name: periodica	al_issue	Inform	ix Name: periodi	ical_issue		TWB Name: peri	odical_issue
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> A publ	lishing notation that prov	vides information regarding	a journal, periodical or s	similar reference.	Validation	Rules	
Table(s) Articles				WB Table(s)	WB_Articles		
Name: periodica	al_name	Inform	ix Name: periodi	ical_name		TWB Name: peri	odical_name
TEXT	МЕМО	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		
<b>Description</b> The ide	entifying title by which a	a journal, periodical or simi	lar publication is known.		Validation	Rules	
Table(s) Periodicals				WB Table(s)	WB_Periodicals		
Name: periodica	al_name_abbr	Inform	ix Name: periodi	ical_nm_abbr		TWB Name: peri	odical_name_abbr
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
		sary, a shortened version linarching, choice lists or other		f, the name of the periodica	1. Validation	Rules	
Table(s) Periodicals		o, or our	11	WB Table(s)	WB_Periodicals		

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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: periodic	al_series	Inform	ix Name: period	ical_series		TWB Name: peri	odical_series
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> A destempt	signation in a citation of a orally, by subject, or other	succession of volumes or i categorization.	ssues of a journal or other	er periodical reference relate	ed Validation	Rules	
Table(s) Articles				WB Table(s)	WB_Articles		
Name: periodic	al_volume	Inform	ix Name: period	ical_volume		TWB Name: peri	odical_volume
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> A des	signation regarding the seri	ies of issues for a journal o	r other periodical referer	nce.	Validation	Rules	
Table(s) Articles				WB Table(s)	WB_Articles		
Name: publicat	ion_city	Inform	ix Name: publica	ation_city		TWB Name: publ	lication_city
VARCHAR 75,0	TEXT 75	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> Town	or municipality identified	as the location of the pub	lisher of a reference.		Validation	Rules	
Table(s) Books, Peri	iodicals			WB Table(s)	WB_Books, WB_Period	icals	
Name: publicat	ion_country	Inform	ix Name: publica	ation_cntry		TWB Name: pub	lication_country
VARCHAR 75,0	TEXT 75	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description Nation	on identified as the location	of the publisher of a refer	ence.		Validation	Rules	
Table(s) Books, Peri				* *	WB_Books, WB_Period	icals	

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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		Inform	ix Name: pub_do	etail_id		TWB Name: publication_detail_id		
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS			
<b>Description</b> A un	ique identifier for a specific	c entry of significance in a	book, section of a book,	, or section of a periodical.	Validation <b>F</b>	Rules		
Table(s) Publication	n_Details			WB Table(s)	WB_Publication_Details			
Name: publicat	tion_state	Inform	ix Name: publica	ation_state		TWB Name: pub	olication_state	
VARCHAR 75,0	TEXT 75	NULL	NULL	PASSED FROM TWB	USER ENTERED			
Description Intern	mediate geo-political unit b	etween city and country ic	lentified as the location of	of the publisher of a reference	ce. Validation F	Rules		
Table(s) Books, Per	riodicals			WB Table(s)	WB_Books, WB_Periodic	als		
Name: publishe	ed_status	Inform	ix Name: publish	ned_status		TWB Name: pub	olished_status	
VARCHAR 35,8	TEXT 35	NOT NULL WITH DEFAULT	NULL	PASSED FROM TWB	CHOICE LIST	Published	Published Unpublished Manuscript In press Submitted	
<b>Description</b> An in	ndication of the state of pub	olic circulation of a book o	r book like reference.		Validation <b>F</b>	Rules If original_desc_is Published.	ind is set to Y, then the only option allowed	
Table(s) Books				WB Table(s)	WB_Books			
Name: ref orga	anization_commen	t Inform	ix Name: ref_or;	comment		TWB Name: ref	_organization_comment	
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED	•		
	olemental information regar cipating in the creation or p			that has been identified as	Validation I	Rules		
Table(s) Reference	_Organizations			WB Table(s)	WB_Reference_Organizat	ions		

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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		Inform	ix Name: ref_org	g_id		TWB Name: ref_	_organization_id
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
<b>Description</b> A sy	stem generated unique ident	tifier for an entity associa	ted with a reference that i	s not a person.	Validation	Rules	
Table(s) Reference	Organizations			WB Table(s)	WB_Reference_Organiz	ations	
Name: ref_org	anization_id_prefix	x Inform	ix Name: ref_org	g_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
<b>Description</b> A pro	refix used with a serial numb	per that associated a speci-	fic record with the Refere	nce_Organizations table.	Validation	Rules	
Table(s) Reference	_Organizations			WB Table(s)	WB_Reference_Organiz	ations	
Name: ref_org	anization_name	Inform	ix Name: ref_org	z_name		TWB Name: ref_	_organization_name
VARCHAR 255,0	TEXT 255	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		
<b>Description</b> The prod	identifying title by which a suction of a reference is known	group, corporation or like wn.	entity responsible for the	creation, issuance, or	Validation	Rules	
Table(s) Reference	_Organizations			WB Table(s)	WB_Reference_Organiz	ations	
Name: ref_pers	son_comment	Inform	ix Name: ref_per	cson_comment		TWB Name: ref_	_person_comment
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description Supp	plemental information regard	ding a participant in the c	reation or production of a	written reference.	Validation	Rules	
Table(s) Reference	_People			WB Table(s)	WB_Reference_People		

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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_pers	on_first	Inform	ix Name: ref_pe	rson_first	TWB Name: ref_person_first		
VARCHAR 50,0	TEXT 50	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> The g		of an individual who partic	pated in the creation or	production of a written	Validation	Rules	
Table(s) Reference_	People			WB Table(s)	WB_Reference_People		
Name: ref_pers	on_middle	Inform	ix Name: ref_pe	rson_middle		TWB Name: ref_p	person_middle
VARCHAR 50,0	TEXT 50	NULL	NULL	PASSED FROM TWB	USER ENTERED		
	e(s) or initial(s) that occur on or production of a writ	between the first name and ten reference.	I surname of an individu	al who participated in the	Validation	Rules	
Table(s) Reference_	People			WB Table(s)	WB_Reference_People		
Name: ref_pers	on_suffix	Inform	ix Name: ref_pe	rson_suffix		TWB Name: ref_p	oerson_suffix
VARCHAR 10,0	TEXT 10	NULL	NULL	PASSED FROM TWB	USER ENTERED		
		amily, such as Jr., and sime creation or production of a		lowing the surname of an	Validation	Rules	
Table(s) Reference_	People			WB Table(s)	WB_Reference_People		
Name: ref_pers	on_surname	Inform	ix Name: ref_pe	rson_surname		TWB Name: ref_p	person_surname
VARCHAR 100,0	TEXT 100	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		
<b>Description</b> The fa	amily name of an individu	nal who participated in the	creation or production of	f a written reference.	Validation	Rules	
Table(s) Reference_	People			WB Table(s)	WB_Reference_People		

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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: referenc	e_entity_id	Inform	ix Name: ref_enti	ty_id		TWB Name: reference_entity_id			
INTEGER	LONG_INTEGER	NOT NULL	NULL	PASSED PARAMETER	PASSED FROM ITIS				
	nique identifier created for o to establish a link between a				ng <b>Validation</b>	Rules			
Table(s) Reference_	Roles			WB Table(s)	WB_Reference_Roles				
Name: referenc	e_entity_id_prefix	Inform	ix Name: ref_enti	ty_prefix		TWB Name: refe	erence_entity_id_prefix		
VARCHAR 3,3	TEXT 3	NOT NULL	NOT NULL	PASSED PARAMETER	PASSED FROM ITIS		RFP RFO		
	entifying prefix to the referenceation or issuance of a refer		nates the individual or org	anization participating in	Validation	Rules			
Table(s) Reference_	Roles			WB Table(s)	WB_Reference_Roles				
Name: referenc	e_person_id	Inform	Informix Name: ref_person_id				TWB Name: reference_person_id		
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS				
<b>Description</b> A sys	tem generated unique identi	fier for a human associat	ed with the creation or pro	oduction of a reference.	Validation	Rules			
Table(s) Reference_	People			WB Table(s)	WB_Reference_People				
Name: referenc	e_person_id_prefix	. Inform	ix Name: ref_per	son_prefix		TWB Name: refe	erence_person_id_prefix		
VARCHAR 3,3	TEXT 3	NOT NULL WITH DEFAULT	NOT NULL WITH DEFAULT	SYSTEM GENERATED	PASSED FROM ITIS	RFP	RFP		
<b>Description</b> An pr	refix used with a serial numb	per that associates a spec	fic record the Reference_	People table.	Validation	Rules			
Table(s) Reference_	People			WB Table(s)	WB_Reference_People				

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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		Inform	ix Name: referen	ice_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	
	criptive word identifying t n reference.	the function an individual of	or entity performed in the	e creation or production of	Validation	Rules		
Table(s) Reference_l	Roles			WB Table(s)	WB_Reference_Roles			
Name: section_o	comment	Inform	ix Name: section	_comment		TWB Name: sect	ion_comment	
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED			
Description Remai	rks or additional descripti	ve information pertinent to	a part of a book or book	z-like reference.	Validation	Rules		
Table(s) Book_Section	ons			WB Table(s)	WB_Book_Sections			
Name: section_d			ix Name: section	_date_other		TWB Name: section_date_other		
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED			
Description A time	e assignment from other th	nan the Gregorian calendar	applicable to a part of a	book or book-like reference	e. Validation	Rules		
Table(s) Book_Section	ons			WB Table(s)	WB_Book_Sections			
Name: section_d	date_other_type	Inform	ix Name: sect_dt	_othr_type		TWB Name: sect	ion_date_other_type	
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED			
	ignation of the calendar sy n_date_other is based.	ystem, other than the Grego	orian calendar on which t	the entry in	Validation	Rules		
Table(s) Book_Section	ons			WB Table(s)	WB_Book_Sections			

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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: section_o	day	Inform	ix Name: section	_day		TWB Name: section_day		
VARCHAR 2,0	TEXT 2	NULL	NULL	PASSED FROM TWB	USER ENTERED			
<b>Description</b> Refere	ence to one of the 31 possi f a book or book-like refer	ible calendar divisions wit rence.	hin a month that has sign	of a ficance in the citation of a	Validation	Rules If section_month the date can occu	and section_year are populated, verify that ir within the month and year identified.	
Table(s) Book_Secti	ions			WB Table(s)	WB_Book_Sections			
Name: section_o	designation	Inform	ix Name: section	_dsgntn		TWB Name: sect	tion_designation	
VARCHAR 100,0	TEXT 100	NULL	NULL	PASSED FROM TWB	USER ENTERED			
Description Special	fic label or title for a part of	of a book or book-like refe	rence. Examples: Chap	ter 10, Appendix C	Validation	Rules		
Table(s) Book_Secti	ions			WB Table(s)	WB_Book_Sections			
Name: section_i	month	Inform	ix 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.	
	ence to one of the twelve g f a book or book-like refer		s of the year that has sig	nificance in the citation of a	a Validation	Rules		
Table(s) Book_Secti	ions			WB Table(s)	WB_Book_Sections			
Name: section_s	supp_descriptor	Inform	ix Name: section	_supp_desc		TWB Name: sect	tion_supp_descriptor	
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED			
	emental information regar not a standard data eleme		r book-like publication th	nat is pertinent to the citation	on Validation	Rules		
Table(s) Book_Secti	ions			WB Table(s)	WB_Book_Sections			

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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: section_t	title	Inform	ix Name: section	_title		TWB Name: sect	ion_title
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> A description Biolog	criptive label given a dist gical Diversity	inct part of a book or book	-like reference. Example	e: Long-term Monitoring of	Validation	Rules	
Table(s) Book_Secti	ions			WB Table(s)	WB_Book_Sections		
Name: section_t	title_abbr	Inform	ix Name: section	_title_abbr		TWB Name: sect	ion_title_abbr
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED		
Description A dupused f  Table(s) Book Section	For searching, choice lists	sary, a shortened version lir or other application require	mited to 254 characters of ements.	f, the section title that can be WB Table(s)	ve Validation WB_Book Sections	Rules	
Name: section_t	 type	Inform	ix Name: section	 type		TWB Name: sect	
VARCHAR 50,15	TEXT 50	NOT NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		Appendix Chapter Supplement
Description A cate	egorization of the particul	ar part of a book or book-l	ike reference being cited		Validation	Rules	
Table(s) Book_Secti	ons			WB Table(s)	WB_Book Sections		
Name: section_y	year	Inform	ix Name: section	_year		TWB Name: sect	ion_year
VARCHAR 4,0	TEXT 4	NULL	NULL	PASSED FROM TWB	USER ENTERED		
	ence to a specific annual of	calendar period that has sig	nificance in the citation	of a divison or part of a boo	validation	Rules	
Table(s) Book_Secti				WB Table(s)	WB_Book_Sections		

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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_co	omment	Inform	ix Name: series_	comment		TWB Name: serie	es_comment
TEXT	MEMO	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> Rema	arks or additional description	ve information pertinent to	a multi-volume set of be	ook or book-like written	Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: series_da	ate_other	Inform	ix Name: series_	date_other		TWB Name: serie	es_date_other
VARCHAR 255,0	TEXT 255	NULL	NULL	PASSED FROM TWB	USER ENTERED		
	e assignment from other theferences.	nan the Gregorian calendar	applicable to a multi-vo	olume set of books or book-	Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: series_da	ate_other_type	Inform	ix Name: series_	dt_othr_typ		TWB Name: serie	es_date_other_type
VARCHAR 60,0	TEXT 60	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> A description is base	ignation of the calendar sy ed.	stem, other than the Grego	orian calendar on which t	the entry in series_date_oth	er Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: series_id	l	Inform	ix Name: series_	id		TWB Name: serie	es_id
SERIAL	LONG_INTEGER	NOT NULL UNIQUE	NULL	SYSTEM GENERATED	PASSED FROM ITIS		
Description A unio	que identifier for a multi-v	volume set of books or boo	k-like publications.		Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		

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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	l_prefix	Inform	nix 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		
<b>Description</b> A pre	fix used with a serial nun	nber that associates a speci	fic record with the Series	table.	Validation	Rules			
Table(s) Series				WB Table(s)	WB_Series, WB_Books				
Name: series_ti	tle	Inform	nix Name: series_	title		TWB Name: seri	es_title		
TEXT	MEMO	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED				
<b>Description</b> The n	ame or descriptive label a	associated with a multi-vol	ume set of book or book-	like references.	Validation	Rules			
Table(s) Series				WB Table(s)	VB_Series				
Name: series_ti	tle_abbr	Inform	nix Name: series_	_title_abbr		TWB Name: seri	es_title_abbr		
VARCHAR 254,1	TEXT 254	NOT NULL UNIQUE	NULL	PASSED FROM TWB	SYSTEM GENERATED				
		sary, a shortened version li		of, the series title that can be	Validation	Rules			
Table(s) Series				WB Table(s)	VB_Series				
Name: series_ty	<b>pe</b>	Inform	nix Name: series_	type		TWB Name: seri	es_type		
VARCHAR 20,0	TEXT 20	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		Botanical Geological Zoological		
<b>Description</b> An in	dication of the predomina	ant discipline addressed by	Validation Rules						
Table(s) Series		WB Table(s) WB_Series							

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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: total_vol	lumes	Inform	ix Name: total_v	volumes		TWB Name: total	l_volumes
SMALLINT 3,0	INTEGER	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
Description A cou	ınt of all books or book-li	ke references included in a	multi-volume set.		Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: translati	ion_from	Inform	ix Name: transla	ation_from		TWB Name: tran	slation_from
VARCHAR 50,0	TEXT 50	NULL	NULL	PASSED FROM TWB	UPDATABLE CHOICE LIST		
<b>Description</b> The id	dentification of the langua	age in which a reference wa	s originally written.		Validation	Rules	
Table(s) Books, Peri	iodicals			WB Table(s)	WB_Books, WB_Period	licals	
Name: translite	rated_flag	Inform	ix Name: transli	terated_flg		TWB Name: tran	sliterated_flag
VARCHAR 1,1	YES/NO 1	NOT NULL WITH DEFAULT	NOT NULL	PASSED FROM TWB	CHOICE LIST	N	Y N - default
Description An in	dicator to identify the rep	presentation of a name or titl	e as being in an alphabe	et other than its original.	Validation	Rules	
Table(s) Books, Peri	iodicals, Reference_Peop	le, Reference_Organizations	; 		WB_Books, WB_Period WB_Reference_Organiz	licals, WB_Reference_People	, 
Name: wb_artio	cle_id	Inform	ix Name:			TWB Name: wb_	article_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
	que identifier within the our	context of the Taxonomic W	orkbench for a portion	of a journal, periodical or	Validation	Rules	
Table(s)				WB Table(s)	WB_Articles		

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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_boo	ok_id	Inform	Informix Name:			TWB Name: wb_	book_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
<b>Description</b> Au	nique identifier within the co	ontext of the Taxonomic V	Vorkbench for a book or b	oook-like publication.	Validation	Rules	
Table(s)				WB Table(s)	WB_Books, WB_Book_	Sections	
Name: wb_boo	ok_section_id	Inform	Informix Name:			TWB Name: wb_	book_section_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
<b>Description</b> Au	nique identifier within the co	ontext of the Taxonomic V	Workbench for a part of a	book or book-like reference	. Validation	Rules	
Table(s)				WB Table(s)	WB_Book_Sections		
Name: wb_cita	ation_id	Inform	ix Name:			TWB Name: wb_	citation_id
	LONG_INTEGER		NOT NULL		PASSED PARAMETER		
follo	serial portion of the identife owing: the WB_Series table ne WB_Articles table.				Validation e,	Rules	
Table(s)				WB Table(s)	WB_Publication_Details	s, WB_Reference_Roles	

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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_doc	umentation_id	Inform	ix Name:			TWB Name: wb_	documentation_id
	LONG_INTEGER		NOT NULL		PASSED PARAMETER		
WB_ used WB_	serial portion of the identific Book_Sections table, the W with the respective docume Taxonomic_Units table, the Geographic_Division table	VB_Articles table, the WE entation_id_prefix to prove WB_Vernaculars table,	S_Experts table or the WB ide a reference link for an the WB_Change_Tracks to	_Other_Sources table and instance of the	Validation	Rules	
Γable(s)				(.,		ks, WB_Geographic_Referer ence_Links, WB_Vernaculars ks	
Name: wb_peri	iodical_id	Inform	ix Name:			TWB Name: wb_	periodical_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
Description	ique identifier within the co	ontext of the Taxonomic V	Vorkbench for a journal, p	periodical or similar	Validation	Rules	
Table(s)				WB Table(s)	WB_Periodicals, WB_A	rticles	
Name: wb_pub	lication_detail_id	Inform	ix Name:			TWB Name: wb_	_publication_detail_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
	ique identifier within the co		Vorkbench for a specific e	entry of significance in a	Validation	Rules	
Table(s)				WB Table(s)	WB_Publications_Detail	ls	

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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	Inform	ix Name:			TWB Name: wb_	_ref_organization_id
	AUTONUMBER		NOT NULL UNIQUE		SYSTEM GENERATED		
	ique identifier within the cost a person.	ontext of the Taxonomic W	Vorkbench for an entity ass	sociated with a reference	Validation	Rules	
Table(s)				WB_Table(s)V	VB_Reference_Organiz	zations	
Name: wb_refe	erence_entity_id	Inform	ix Name:			TWB Name: wb_	_reference_entity_id
	INTEGER		NOT NULL		PASSED PARAMETER		
<b>Description</b> The so WB_1	serial portion of the identife Reference_People table or	er within the context of the the WB_Reference_Organ	e Taxonomic Workbench c nizations table.	created for the	Validation	Rules	
WB_l	serial portion of the identife Reference_People table or	er within the context of the the WB_Reference_Organ	e Taxonomic Workbench c nizations table.		Validation	Rules	
WB_1	serial portion of the identife Reference_People table or erence_person_id	the WB_Reference_Organ	e Taxonomic Workbench c nizations table.  — — — — — — — — — — — — ix Name:				
WB_1	Reference_People table or	the WB_Reference_Organ	nizations table.				 _reference_person_id
Table(s)  Name: wb_refe	Reference_People table or  rence_person_id  AUTONUMBER	the WB_Reference_Organ	nizations table.		SYSTEM GENERATED	– – – – – – TWB Name: wb_	 _reference_person_id
Table(s)  Name: wb_refe	Reference_People table or  rence_person_id  AUTONUMBER  ique identifier within the co	the WB_Reference_Organ	nizations table.	WB Table(s) V	SYSTEM GENERATED	– – – – – – TWB Name: wb_	
Table(s)  Name: wb_reference  Description A uniproduct  Table(s)	Reference_People table or erence_person_id AUTONUMBER ique identifier within the conction of a reference.	Inform	nizations table.	WB Table(s) V	SYSTEM GENERATED  Validation	– – – – – – TWB Name: wb_	
Table(s)  Name: wb_reference  Description A uniproduct  Table(s)	Reference_People table or erence_person_id AUTONUMBER ique identifier within the conction of a reference.	Inform	ix Name:  NOT NULL  UNIQUE  Vorkbench for a human ass	WB Table(s) V	SYSTEM GENERATED  Validation	TWB Name: wb_  Rules	
Table(s)  Name: wb_reference  Description A uniproduct  Table(s)  Name: wb_series  Description A uniproduct  A uniproduct  Description A uniproduct  Description A uniproduct  A uniproduct  Description	Reference_People table or  rence_person_id  AUTONUMBER  ique identifier within the contaction of a reference.	the WB_Reference_Organ  Inform  ontext of the Taxonomic W  Inform	ix Name:  NOT NULL UNIQUE  Vorkbench for a human ass  IX Name:  NOT NULL UNIQUE	wb Table(s) V sociated with the creation of wb Table(s) V	SYSTEM GENERATED  T Validation VB_Reference_People SYSTEM	TWB Name: wb_ Rules TWB Name: wb_	

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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_actua	1	Inform	ix Name: year_a	ctual	TWB Name: year_actual		
VARCHAR 4,0	TEXT 4	NOT NULL	NULL	PASSED FROM TWB	USER ENTERED		
		ch a written reference was epresents the verified date		y not correspond with a	Validation	Rules	
Table(s) Articles, Books	s 			WB Table(s)	WB_Articles, WB_Book	s 	
Name: year_first		Inform	ix Name: year_fi	irst		TWB Name: year	r_first
VARCHAR 4,0	TEXT 4	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> For a mul	ltiple volume set of bo	oks or book like references	, the calendar period in v	which the series commenced	d. Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: year_last		Inform	ix Name: year_la	ast		TWB Name: year	r_last
VARCHAR 4,0	TEXT 4	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> For a mul	ltiple volume set of bo	oks or book like references	, the calendar period thro	ough which the series ran.	Validation	Rules	
Table(s) Series				WB Table(s)	WB_Series		
Name: year_listed		Inform	ix Name: year_li	isted		TWB Name: year	r_listed
VARCHAR 4,0	TEXT 4	NULL	NULL	PASSED FROM TWB	USER ENTERED		
<b>Description</b> The calen	ndar period printed or	otherwise clearly identified	for a reference.		Validation	Rules	
Table(s) Articles, Books				* *	WB_Articles, WB_Books	S	

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