

**Specify Schema Update (v2.9): Additions, Changes, Virtual Fields**  
**Specify Collections Consortium, 15 September 2021**

Tables and Fields Added:

Table	Field	Data Type	Length
Agent	Text3	text	65535
Agent	Text4	text	65535
Agent	Text5	text	65535
Borrow	Status	varchar(64)	64
Collecting Event	Text6	text	65535
Collecting Event	Text7	text	65535
Collecting Event	Text8	text	65535
Collecting Event	UniqueIdentifier	varchar(128)	128
Collection Object	EmbargoAuthorityID	int(11)	
Collection Object	EmbargoReason	text	65535
Collection Object	EmbargoReleaseDate	date	
Collection Object	EmbargoReleaseDatePrecision	tinyint(4)	
Collection Object	EmbargoStartDate	date	
Collection Object	EmbargoStartDatePrecision	tinyint(4)	
Collection Object	Text4	text	65535
Collection Object	Text5	text	65535
Collection Object	Text6	text	65535
Collection Object	Text7	text	65535
Collection Object	Text8	text	65535
Collection Object	UniqueIdentifier	varchar(128)	128
Common Name Tx Citation	FigureNumber	varchar(50)	50
Common Name Tx Citation	IsFigured	bit(1)	
Common Name Tx Citation	PageNumber	varchar(50)	50
Common Name Tx Citation	PlateNumber	varchar(50)	50
Deaccession	Agent1ID	int(11)	
Deaccession	Agent2ID	int(11)	
Deaccession	CreatedByAgentID	int(11)	
Deaccession	Date1	date	
Deaccession	Date2	date	
Deaccession	DeaccessionDate	date	
Deaccession	DeaccessionID	int(11)	
Deaccession	DeaccessionNumber	varchar(50)	50
Deaccession	Integer1	int(11)	

Deaccession	Integer2	int(11)	
Deaccession	Integer3	int(11)	
Deaccession	Integer4	int(11)	
Deaccession	Integer5	int(11)	
Deaccession	ModifiedByAgentID	int(11)	
Deaccession	Number1	float	
Deaccession	Number2	float	
Deaccession	Number3	float	
Deaccession	Number4	float	
Deaccession	Number5	float	
Deaccession	Remarks	text	65535
Deaccession	Status	varchar(64)	64
Deaccession	Text1	text	65535
Deaccession	Text2	text	65535
Deaccession	Text3	text	65535
Deaccession	Text4	text	65535
Deaccession	Text5	text	65535
Deaccession	TimestampCreated	datetime	
Deaccession	TimestampModified	datetime	
Deaccession	Type	varchar(64)	64
Deaccession	Version	int(11)	
Deaccession	YesNo1	bit(1)	
Deaccession	YesNo2	bit(1)	
Deaccession	YesNo3	bit(1)	
Deaccession	YesNo4	bit(1)	
Deaccession	YesNo5	bit(1)	
Deaccession Agent	AgentID	int(11)	
Deaccession Agent	CreatedByAgentID	int(11)	
Deaccession Agent	DeaccessionAgentID	int(11)	
Deaccession Agent	DeaccessionID	int(11)	
Deaccession Agent	ModifiedByAgentID	int(11)	
Deaccession Agent	Remarks	text	65535
Deaccession Agent	Role	varchar(50)	50
Deaccession Agent	TimestampCreated	datetime	
Deaccession Agent	TimestampModified	datetime	
Deaccession Agent	Version	int(11)	
Deaccession Attachment	AttachmentID	int(11)	
Deaccession Attachment	CreatedByAgentID	int(11)	

Deaccession Attachment	DeaccessionAttachmentID	int(11)	
Deaccession Attachment	DeaccessionID	int(11)	
Deaccession Attachment	ModifiedByAgentID	int(11)	
Deaccession Attachment	Ordinal	int(11)	
Deaccession Attachment	Remarks	text	65535
Deaccession Attachment	TimestampCreated	datetime	
Deaccession Attachment	TimestampModified	datetime	
Deaccession Attachment	Version	int(11)	
Determination	Integer1	int(11)	
Determination	Integer2	int(11)	
Determination	Integer3	int(11)	
Determination	Integer4	int(11)	
Determination	Integer5	int(11)	
Determination	Number3	float	
Determination	Number4	float	
Determination	Number5	float	
Determination	Text3	text	65535
Determination	Text4	varchar(128)	128
Determination	Text5	varchar(128)	128
Determination	Text6	varchar(128)	128
Determination	Text7	varchar(128)	128
Determination	Text8	varchar(128)	128
Determination	YesNo3	bit(1)	
Determination	YesNo4	bit(1)	
Determination	YesNo5	bit(1)	
Determination Citation	FigureNumber	varchar(50)	50
Determination Citation	IsFigured	bit(1)	
Determination Citation	PageNumber	varchar(50)	50
Determination Citation	PlateNumber	varchar(50)	50
Disposal	CreatedByAgentID	int(11)	
Disposal	DeaccessionID	int(11)	
Disposal	DisposalDate	date	
Disposal	DisposalID	int(11)	
Disposal	DisposalNumber	varchar(50)	50
Disposal	doNotExport	bit(1)	
Disposal	ModifiedByAgentID	int(11)	
Disposal	Number1	float	
Disposal	Number2	float	

Disposal	Remarks	text	65535
Disposal	Text1	text	65535
Disposal	Text2	text	65535
Disposal	TimestampCreated	datetime	
Disposal	TimestampModified	datetime	
Disposal	Type	varchar(64)	64
Disposal	Version	int(11)	
Disposal	YesNo1	bit(1)	
Disposal	YesNo2	bit(1)	
Disposal Agent	AgentID	int(11)	
Disposal Agent	CreatedByAgentID	int(11)	
Disposal Agent	DisposalAgentID	int(11)	
Disposal Agent	DisposalID	int(11)	
Disposal Agent	ModifiedByAgentID	int(11)	
Disposal Agent	Remarks	text	65535
Disposal Agent	Role	varchar(50)	50
Disposal Agent	TimestampCreated	datetime	
Disposal Agent	TimestampModified	datetime	
Disposal Agent	Version	int(11)	
Disposal Attachment	AttachmentID	int(11)	
Disposal Attachment	CreatedByAgentID	int(11)	
Disposal Attachment	DisposalAttachmentID	int(11)	
Disposal Attachment	DisposalID	int(11)	
Disposal Attachment	ModifiedByAgentID	int(11)	
Disposal Attachment	Ordinal	int(11)	
Disposal Attachment	Remarks	text	65535
Disposal Attachment	TimestampCreated	datetime	
Disposal Attachment	TimestampModified	datetime	
Disposal Attachment	Version	int(11)	
Disposal Preparation	CreatedByAgentID	int(11)	
Disposal Preparation	DisposalID	int(11)	
Disposal Preparation	DisposalPreparationID	int(11)	
Disposal Preparation	LoanReturnPreparationID	int(11)	
Disposal Preparation	ModifiedByAgentID	int(11)	
Disposal Preparation	PreparationID	int(11)	
Disposal Preparation	Quantity	int(11)	
Disposal Preparation	Remarks	text	65535
Disposal Preparation	TimestampCreated	datetime	

Disposal Preparation	TimestampModified	datetime	
Disposal Preparation	Version	int(11)	
DNA Sequencing Run Citation	FigureNumber	varchar(50)	50
DNA Sequencing Run Citation	IsFigured	bit(1)	
DNA Sequencing Run Citation	PageNumber	varchar(50)	50
DNA Sequencing Run Citation	PlateNumber	varchar(50)	50
Exchange Out	DeaccessionID	int(11)	
Gift	Date1	date	
Gift	Date1Precision	tinyint(4)	
Gift	DeaccessionID	int(11)	
Gift	Status	varchar(64)	64
Gift	Text3	text	65535
Gift	Text4	text	65535
Gift	Text5	varchar(128)	128
Gift Agent	Date1	date	
Loan	Status	varchar(64)	64
Locality	UniqueIdentifier	varchar(128)	128
Locality Citation	FigureNumber	varchar(50)	50
Locality Citation	IsFigured	bit(1)	
Locality Citation	PageNumber	varchar(50)	50
Locality Citation	PlateNumber	varchar(50)	50
Preparation	Text10	text	65535
Preparation	Text11	text	65535
Preparation	Text12	varchar(128)	128
Preparation	Text13	varchar(128)	128
Taxon Citation	FigureNumber	varchar(50)	50
Taxon Citation	IsFigured	bit(1)	
Taxon Citation	PageNumber	varchar(50)	50
Taxon Citation	PlateNumber	varchar(50)	50

Changed Database Schema Fields:

Table	Field	Previous Data Type	New Data Type
Address	Address3	varchar(64)	varchar(400)
Address	Address4	varchar(64)	varchar(400)
Address	Address5	varchar(64)	varchar(400)
Borrow Material	Description	varchar(50)	varchar(250)

Collecting Trip	Collecting Trip Name	varchar(250)	varchar(400)
Collection Object	Description	varchar(255)	text
Determination	FeatureOrBasis	varchar(50)	varchar(250)
Reference Work	Title	varchar(255)	varchar(400)

Added Virtual (Calculated) Fields:

Interactions		
Table	Field Caption	Definition
<b>Accession</b>	Total Items	# of Items that were ever part of the Accession, usually the original number
	Total Current Items	# of Items currently included in the Accession
	Total Preps	# of Preparations in the Accession
	Total Collection Objects	# of COs in the Accession
<b>Deaccession</b>	Total Preps	# of Preparations in the Deaccession
	Total Items	# of Items in the Deaccession
<b>Disposal</b>	Total Preps	# of Preparations in the Disposal
	Total Items	# of Items in the Disposal
<b>Exchange Out</b>	Total Preps	# of Preparations in the Exchange Out
	Total Items	# of Items in the Exchange Out
<b>Gift</b>	Total Preps	# of Preparations in the Gift
	Total Items	# of Items in the Gift
<b>Loan</b>		All of the following, virtual, calculated fields associated with Loans existed prior to this update.
	Total Preps	# of Preparations in the Loan
	Total Items	# of Items in the Loan
	Resolved Preps	# of Preparations returned or accounted for in the Loan return

	Resolved Items	# of Items returned or accounted for in the Loan return
	Unresolved Preps	# of Preparations not returned or unaccounted for
	Unresolved Items	# of Items not returned or not accounted for
<b>Objects</b>		
<b>Collection Object</b>	Total Items	# of Items that were ever part of a Collection Object, usually the original count of items
	Total Current Items	# of Items currently subsumed by the CO
<b>Preparation</b>	CountAmt	# of Items in a Preparation
		This is a pre-existing SQL field in the Preparation Table, shown as "Count" on the default data forms.
	Current Count	# of Items currently included in the Preparation