Anthropology Department Digital Library

KORA Metadata Scheme V3

Collections and Other Metadata make up forms

Black = CARARE

**Blue = ARGUS**

**Green = Dublin Core**

Highlight = May be Excluded

**Orange = Notes and comments about entity**

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Format for Kora

**Form**

**Page**

**Field** (source if not from above) (unique field identifier) (text in Kora unless otherwise specified here) – (data is entered into field)

**Field** (source if not from above) (unique field identifier) (text in Kora unless otherwise specified here) – (data is entered into field)

**Field** (source if not from above) (unique field identifier) (text in Kora unless otherwise specified here) – (data is entered into field)

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**Forms**

**Forms – Name of the Collection**

*Collection information*

*Associators –* Actors, Actors

*Heritage Asset*

*Associators – Collection,* Site, Actors, Activity (for date of excavation/collection)

*Document*

*Associators – Collection, Actors, Heritage Asset, Site*

*Site*

*Associators – Collection, Actors*

*Actors*

*Associators* - none

*Activities*

*Associators – Collection, Heritage Asset, Document, Site, Actors,*

*ARGUS ID*

*Associators – Collection, Heritage Asset, Document, Site, Actors, Activities*

*Digital Exhibits*

*Associators* – Heritage Asset, Document, Site, Actors, Activities

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***Collection Information* –** Holds collection-level descriptions of the resources

***Collection******Information*** *(page) (*collection before all entities*)*

**Collection ID** (IDCollection) – A unique identifier for the collection (possibly the same as an ARGUS ID)

**Title** – (titleCollection) The title of the collection.

**Source** (sourceCollection)– organization that is the source of the collection

**Department** (departmentCollection)– Department that holds the collection (Anthropology, history, sociology)

**Collection Type** (typeCollection)– Type of collection (e.g. archaeological, historical, sociocultural)

**Language** (languageCollection)– Specifies the default language of the metadata and the associated records in the collection (xml:lang).

List – Arabic, Bengali, English, French, German, Hindustani, Italian, Malay, Mandarin, Portuguese, Russian, Spanish, Ukrainian, other

**Statement** (statementCollection) – A free document statement about the collection.

**Created** **on** (createdOnCollection) – When the collection was created

**Query** (queryCollection)– Information about any query used to extract data within the collection.

**Keywords** (keywordsCollection)– Keywords describing the collection. Controlled vocabulary such as Getty Arts and Architecture Thesaurus is recommended. **May turn into list**

**Temporal Coverage** (temporalCoverageCollection)– The general temporal coverage of the collection (e.g. Early Woodland to Precontact, Neolithic, 1000 to 1400 A.D.)

**Spatial Coverage** (spatialCoverageCollection)– The general spatial coverage of the collection (e.g. Central Illinois River Valley, Kooskia Internment Camp)

***Actors –*** *people associated with the collection*

**Curator** – (curatorCollection) – The main person of contact for inquiries about the collection.

**Actor Associator** (actorCollection1) (repeat 5?) – A significant person associated with the collection (e.g. landowner, principle investigator, donator)

**Roles** (rolesCollection1) – Description of the roles played by above associated actor

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***Heritage Asset* (CARARE) (**FORM**) –** Holds the metadata for a cultural heritage objects such as artifacts, monuments, ecofacts, etc. including printed materials and born-digital objects, including descriptive and administrative data.

**Collection** (Associator) (page)

Collection Associator

**Heritage Asset Identification** (Page)

**Asset ID** (IDAsset)– Unique identifier attributed to the object by a cataloguing system (aka object ID).

**Name** (nameAsset)– The name or title of the entity if it exists (e.g. Stonehenge)

**Description** (descriptionAsset)– Free text description of the artifact, monument, ecofacts, etc. (e.g. banner stone, raccoon notched arrowhead, pot sherd, daub, teacup, button, deer mandible, heavy fraction)

**Cultural Affiliations** (culturalAffiliationsAsset)– general culture (if known) associate with the heritage asset (e.g. Oneota, Maya, Hopewell, Mississippian)

**General** **Type** (generalTypeAsset)– A broad classification of the general type of heritage asset being described

Artifact, Ecofact, Human Remains, Architecture, Monument, Image, Sound, Movie, 3D image

**Heritage asset type** (heritageAssetType) (multiselect list) – Select type(s) associated with heritage asset.

3D Image, Basketry, Building Materials, Ceramic, Chipped Stone, Dating Sample, Fauna, Figurine, Fire Cracked Rock, Glass, Ground Stone, Hide, Historic Other, Human Dental, Human Skeletal, landscape feature, Macrobotanical, Metal, Microbotanical, Metal, Mineral, photograph, Pollen, Rock Art, Shell, Storage, Documentile, Video, Wood, (<https://tdar-arch.atlassian.net/wiki/spaces/TDAR/pages/557208/Material+Types>)

**Count** (countAsset) **–** The number of artifacts associated with this particular Heritage Asset ID

**Materials** (materialsAsset) – The basic materials of which a heritage asset is composed (Obsidian, shell-tempered clay, porcelain etc.)

**Inscriptions** (inscriptionsAsset)– document inscribed on a monument or building, if any.

**Repository Location (Source = LIDO)** (repositoryLocationAsset) – Current physical location of the artifact (aka **Location ID**)

**Box** (boxAsset) – Physical box that artifact is located in

**Location Type** (locationTypeAsset) - The type of location containing artifact (Exhibit, loan location, permanent location)

**Condition** (conditionAsset) – Information about the condition of the heritage asset.

Good, fair, bad, poor, part destroyed, under restoration

**Condition Assessment** (conditionAssessmentAsset) – A detailed assessment of the condition of a heritage asset and any treatment required and an estimation of the percentage affected.

**Condition** **Date** (conditionDateAsset) – the date when the assessment of condition was made

**References** (referencesAsset)– References associated with the identification and description of a heritage asset

**Dimensions** (Page)

**Extent** (extentAsset1)– Notes the part of the heritage asset being measured (e.g. Base, length, apex, anterior, posterior)

**Measurement Type** (measurementTypeAsset1) – e.g. height, length, width, depth, shape (e.g. oval))

**Value** (valueAsset1) – Numerical value of measurement.

**Units** (unitsAsset) -

m, cm, in, ft, km,

**Scale** (scaleAsset) – type of scale in use

(Repeat 5 times?)

**Temporal Coverage** (Page) – Information about the date and/or period of an entity

**Start Date** (startDateAsset) – Earliest date in the range

**End Date** (endDateAsset) – latest date in the range

**Date Range Qualifier** (rangeQualifierAsset)– the nature of the time span given (e.g. throughout, at some time during)

**Period Name** (periodNameAsset) – Name given to the period in history in which this heritage asset occurred.

**Display date** (displayDateAsset) – free document field used to display the date/period for users (e.g. 19th century, 3000 B.C)

Period Name (periodNameAsset)– the name given to the period in which this artifact occurred.

**Scientific Date** (scientificDateAsset) – date according to scientific dating methods recorded precisely as received from **the specialist** (e.g. 1200 bp +/- 50 PBN-1675)

**Scientific Date method** (dateMethodAsset) – e.g. radio carbon dating, luminescence, dendrochronology, style analysis, uranium, relative dating

**Spatial Coverage** (associator) (page)

**Name Site** (nameSiteAsset) – Name of the site associate with heritage asset.

**Collection Method** (collectionMethodAsset)– How the heritage asset was collected (e.g. survey, excavation, core)

**Site Associator** (siteAssociatorAsset) - The site or location from which the heritage asset was taken.

**Date Acquired** – Date the heritage asset was collected from its condocument (during excavation, survey, etc.)

**Activity Associator** – Use this to associate the heritage asset to any particular excavation, survey or event in which it was acquired.

**Feature** (featureAsset) – The feature heritage asset may have been excavated from.

**Unit** (unitAsset) – The unit heritage asset may have been excavated from.

**Level** (levelAsset) – The level heritage asset may have been excavated from.

**X** (xAsset) - According to the spatial coordinate system in use: e.g. 30 cm from East wall

**Y** (yAsset) - According to the spatial coordinate system in use: e.g. 30 cm from North wall

**Z** (zAsset) - According to the spatial coordinate system in use: e.g. 30 cm down from A Horizon

**Actors** (associator) (page)

Roles (actorRoleAsset) – Roles of actor associated with the record directly below (e.g. archaeologists, cataloguer, landowner, excavator, cataloguer, etc.).

Actor Associator

(repeat 5 times)

Other Actors (otherActorsAsset)– Free text description of other actors associated with the asset.

**Digital Resource** (page for each type of resource)

**Digital Resource Associator** – (digitalAssociatorAsset) – Associate any digital resources here.

**Designations** (page)

**Protection type** (protectionTypeAsset) – the type of designation or protection (e.g. NAGPRA)

**Grade** (gradeAsset) – the grade or level of protection

**Date from** (dateFromAsset) – the calendar date from which the protection came into force (mm/dd/yyyy)

**Date to** (dateToAsset) – the calendar date until the asset is protected (mm/dd/yyyy)

**Rights** *(page)* **May not want information about the rights of the collection**

**Copyright Credit Line** (copyrightAsset) - a statement about the rights holder and rights dates

**Access Rights** (accessRightsAsset) – a statement about the access rights to the content

**Reproduction Rights** (reproductionRightsAsset) – A statement about the reproduction rights including contact information

**License** (licenseAsset) – A URI indicating a license or conditions for the use of the object or data (e.g. a link to a creative commons license or public domain mark).

**Provenance** (provenanceAsset)– A free-text statement of any changes in ownership and custody of the resource since its creation that are significant for its authenticity, integrity and interpretation.

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**Digital Resource**

**Digital Resource Information**

**Name** (nameDigital) – Any Name given to the digital entity (e.g. the title of a photograph). This can and should be the same as the object ID of an artifact.

**Digital ID** (**MIDAS**) (IDDigital) – An ID associated with the digital object (this can also be the same as the object ID of an artifact if no ID is available, but most cataloging systems have separate IDs for photographs).

**Actors** (actorsDigital) – the actor(s) involved in the creation of a digital resource (e.g. the photographer).

**Source** (sourceDigital) (Source = MIDAS) – Source of organization maintaining record (e.g. Michigan State University.)

**Created** (createdDigital) (DCMI) – Date of creation for digital resource(s)

**Note** (noteDigital) (Source = MIDAS) – any notes associated with digital resources

**Type** (typeDigital) – The nature or genre of the resource **needs work**

Artifact photography, document scan, 3D modeling, other

**Format** (formatDigital) – the file format(s) of the resource

Image Gallery, Documents, Video, 3D Models, Audio

**Link** (linkDigital) (Source – LIDO) – a link to URL of the resource (not a webpage containing it)

**IsShownAT** (isShownAtDigital) (Source – ESE v3.3) – a link to a webpage that contains the digital object and contextual information.

**Rights** (rightsDigital) (Source – MIDAS) – The rights associated with the digital object itself (copyright, access rights, reproduction rights)

Associators

**Heritage Asset** (heritageAssetAssociatorDigital) – Any heritage assets associated with this digital record

**Site** (siteAssociatorDigital) – Any site associated with this digital record

**Document** (documentAssociatorDigital) – Any documents associated with this digital record

**Actors** (actorsAssociatorDigital) – Any documents associated with this digital record

**Activity** (activityAssociatorDigital) – Any activities associated with this digital record

**Argus** (argusAssociatorDigital) – Any Argus entity related to this digital record.

**Image Gallery**

**Image Gallery** (imageGalleryDigital) – Enter any image files

**Documents**

**Documents** – (documentsDigital) – Space to enter resources which may not be formatted as an image file, but as a document file (images preferred).

**Video**

**Video** (videoDigital) – Enter any video Files

**3D Models**

**3D Models** (3DModelDigital) – Enter any 3D model files

**Audio**

**Audio** – (audioDigital) – Enter any audio files

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**Site** (Form)

**Site Information** (Source = MIDAS and ARGUS) (Page)

**Geolocator Data** (geolocatorDataSite) – Enter any available geolocator data associated with the site/location or parts of the site/location here (latitude and longitude, utm, textual (address)). **Name Site** (nameSiteSite)– Overall name of the site

**State Number** (stateNumberSite) – Smithsonian trinomial assigned to the archaeological site (State number, two letter county code, site number). Give value of "multiple" for sites containing multiple state numbers and enter them into Geolocator.

**Site ID** (IDSite)– Any ID associated with the site besides the Smithsonian trinomial.

**Site Type** (typeSite) – General description of the type of site if known (village, rock shelter, camp, building etc.)

**Named Location** (namedLocationSite) - Name of a place or location which is relevant to the entity being described (e.g. Cahokia, Grand Island, Schmidt Farms)

**Geopolitical area** (geopoliticalAreaSite) – The name of an administrative region which does not form part of the address (United States, Canada, Iceland, etc.)

**Extent Work** (extentWorkSite) **–** Extent of Archaeological work performed at the site.

**Excavation, Survey, Survey and Excavation**, None, Unknown, Irrelevant

**Cadastral Classification** (cadastralClassificationSite) - (Ownership Private, Ownership Public, Ownership Public State, Ownership Public Federal)

**Cadastral reference** (cadastralReferenceSite) – showing the extent, value and ownership of land (Who is the property owner?)

**Project** (projectSite) – Project(s) associated with the site.

**Description** (descriptionsSite) – Free-text description of the site.

**Related Sites** (Page)

Associator (siteAssociatorSite) - Associate sites related to this one either in location or cultural affiliations. Sites with multiple state numbers can be associated with records specifically describing those sites.

Site roles (rolesSite) – Describe the relationship of associated sites to this one (Nearby, contemporaneous, etc.).

**Geometry** (Page) **I put this in, but I am not familiar with GIS or anything, so admit that this may not be the best way to store this sort of info.**

**Spatial reference system** (spatialReferenceSystemSite) – Spatial reference system being used to provide coordinates

**Quickpoin**t – Center point according to spatial coordinate system in use

X (quickpointXSite) -

Y (quickpointYSite) –

Z (quickpointZSite) –

Accuracy (accuracySite) – accuracy of the point in meters.

**Bounding box** – (According to the spatial coordinate system in use)

Min X (boundingBoxMinX)

Min Y (boundingBoxMinY)

Max X (boundingBoxMinX)

Max Y (boundingBoxMinY)

Min Z (boundingBoxMinZ)

Max Z (boundingBoxMaxZ)

Accuracy (boundingBoxAccuracy) - accuracy of the point in meters

**Entity** (entitySite) - GML, Well-Known Text (WKT)

**Stored Precision** (storedPrecisionSite) – Delivery precision (the precision of a coordinate as stored in the system, and as delivered to users.

**Area** (areaSite) – Area of the site (with units)

**Representations** (representationsSite) – How a feature is represented on a map

3D Cartesian coordinates -

Cartesian coordinate system

Viewpoints

X

Y

Z

**Argus Associator (page)**

Argus Associator

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***Document (DCMI) (Form) –*** Contains metadata about written cultural heritage.

**Collection** (Associator) (page)

Collection Associator

**Document Information** (page)

**Document ID** (IDDoc) – Any ID associated with the written cultural heritage in relation to a cataloging system.

**Title** (titleDoc)– Name given to the resource

**Subject** (subjectDoc) – The topic of the resource

Archaeology, Written Communication, News, Other, The Arts, Biography and True Stories, Language, Literature and Literary Studies, Fiction and Related Items, Reference, information and Interdisciplinary Subjects, Humanities, Society and Social Sciences; Economics, Finance, Business and Management, Law, Medicine, Mathematics and Science; Earth Sciences, Geography, Environment, Planning, Technology, Engineering, Agriculture, Computing and Information Technology, Health and Personal Development, Lifestyle, Sport and Leisure (<https://ns.editeur.org/bic_categories>)

**Type** (typeDoc) **–** The nature or genre of the resource

Book, Book Chapter, Book Section, Catalog, Conference Presentation, dataset, Journal Article, newspaper article, Report, Thesis/Dissertation, Other

**Description** (descriptionDoc) – Description of the document (e.g. site report, Schmidt Collection catalog, newspaper article about field school).

**Creator** (creatorDoc) –An entity primarily responsible for making the resource

**Creator Associator** (creatorAssociatorDoc) – Associate creators who are actors here.

**Contributor** (contributorDoc) – An entity responsible for making contributions to the resource.

many serial publications

**Contributor Associator** (contributorAssociatorDoc) - Associate actors who are contributors to this document record here.

**Roles** (rolesDoc) – Roles of the contributors to the document

**Source** (sourceDoc) – A related resource from which the described resource is derived

**Spatial Coverage** (spatialCoverageDoc) – The general spatial topic of the resource (Midwest, Michigan, Central Illinois river Valley, Peru, etc.)

**Temporal Coverage** (temporalCoverageDoc) – The general temporal coverage (2017 Morton Village field Season, Woodland Period,

**Language** (languageDoc)– Language of the resource

**Publisher** (publisherDoc)– entity responsible for making the resource available

**Institution** (institutionDoc) – Affiliated institution

**References** (referencesDoc) – References associated with this document record.

**Dates**

**Date**

**Created** (CreatedDoc) -

**Available** (availableDoc) -

**Date Accepted** (acceptedDoc) -

**Date Copyrighted** (copyrightedDoc)

**Date Submitted** (submittedDoc) -

**Date Issued** (issuedDoc)

**Date Modified** (modifiedDoc)

**Date Valid** (validDoc)

**Bibliographic Citation**

**Bibliographic Citation** (bibliographicCitationDoc)– Bibliographic reference for the resource

**DOI** (DOIDoc) (TDAR) – Digital Object Identifier. The unique identifier for an electronic document.

**ISSN** (ISSNDoc) (TDAR) - International Standard Serial Number, an eight-digit number assigned to

**Rights**

**License** (licenseDoc)– Legal text giving official permission do something with the resource.

**Rights Holder** (rightsHolderDoc) – A person or organization owning or managing the rights over the resource.

**Actors** (associator) (page)

Roles – Roles of actor associated with the record directly below (e.g. archaeologists, cataloguer, landowner, excavator, cataloguer, etc.).

Actor Associator

Roles – Roles of actor associated with the record directly below (e.g. archaeologists, cataloguer, landowner, excavator, cataloguer, etc.).

**Heritage Asset** (Associator (page)

Heritage Asset Associator (Specific assest that document may be associated with) -

**Document Associator**

Document Associator (documentAssociatorDocument) Associate this document with other closely related documents)

Document Roles (rolesDocument) – Describe the relationship between associated documents and this record (has part, has version, is part of, references).

**Sites** (Associator) (page)

Site Associator – Sites that asset may be associated with.

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***Actors*** (Form) – Information about people involved with the

**Actor ID** (IDActor)– Any sort of ID associated with the actor in relation to management of heritage assets.

**Actor ID Type** (typeIDActor) – Type of ID provided (e.g. initials, number within catalog system, Employee ID)

**Name** (nameActor) – name of the actor

**Actor** **Type** (typeActor) (source – LIDO) – indicates if actor is an individual, a group of individuals or an organization. (e.g. Franz Boas vs. 2016 Morton Village Field School vs. Michigan State University)

**Contacts** (contactsActor) – Contact Info if known and appropriate (E-mail, Phone number, and then address).

**Date of birth** (dateOfBirthActor) – if known

**Date of death** (dateOfDeathActor) – if known

**Place of birth** (placeOfBirthActor) – if known

**Place of death** (placeOfDeathActor) – if known

**Biographical note** (biographicalNoteActor) – Statement of relevant information about the actor

**References** (referencesActor) – Any relevant references linked to the actor.

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**Activity** (Form) information about the events or activities that the monument has taken part in such as field investigations, research and analysis, creation, historical events, etc. (Source – MIDAS + POLIS DTD + CIDOC CRM-DIG)

**Information** (Page)

**Name** (nameActivity) (Source = MIDAS) – Name of the event

**ID** (IDActivity) (source = MIDAS) – Any ID associated with the event

**Description** (source = MIDAS) - the event or activity that took place

**Event** **type** (source – MIDAS) = general classification of the type of event or activity that took place

Architectural Documentation, Conservation, Data Recovery/Excavation, Digitization, Exhibition, Field School, Geophysical Survey, Ground Disturbance, Inventory Checking, Other, Rebuilding, Relocation, Remote Sensing, Repatriation, Restoration, Site Evaluation, Site Stabilization, Systematic Survey (<https://tdar-arch.atlassian.net/wiki/spaces/TDAR/pages/557204/Investigation+Types>).

**Had** **General** **Purpose** (Source = CIDOC CRM) – free text description of the general goal or purpose of an activity (e.g. practicing, preparing, monitoring, researching, designing, testing, etc.)

**Methods** (source = LIDO) – methods used in the specific activity (Open area excavation, sample survey, auguring, restoration, conservation, photogrammetry, etc.)

**Actors** (Source = MIDAS) - The people or organizations involved in the event

**Temporal** (Source = MIDAS) – The date or time span of the event

**Spatial** (Source = MIDAS) – The general location or area covered by the event

**Collection Associator** (Page)

**Cultural Heritage Asset Associator** (Page)

**Site Associator** (Page)

**Actor Associator** (Page)

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**Argus ID** (form) **(Still need to figure out where to put Argus ID)**

Heritage Asset Associator

Object ID

Site ID

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**Digital Exhibit** (Form) **(Still needs work and is currently not a focus)**

**Exhibit** (Page)

Essay – Essay about

Audience Education Level

Heritage Asset Associator

Site Associator

Actor Associator

Questions

Lots of issues with entering dates

1. If I make an option to enter a date, but the info unknown or irrelevant (date of death, for instance, when the actor is still alive) then there is no option to enter no data. It simply puts the date as 0.
2. Similar issues with date start range – sometimes the date ranges have to be huge for me to have a large enough range to enter the wide variety of dates that will come with artifacts.