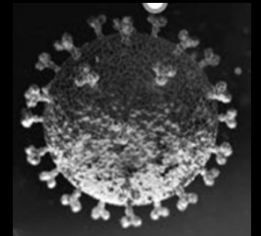


Cataloging Funny Formats

During These Strange Times



Models, Naturally Occurring
Objects, Microscope Slides, & Kits

Julie Renee Moore

California State University, Fresno

OLAC @ 40 Conference

October 16, 2020

Online Audiovisual Catalogers, Inc. (OLAC)

Anyone who catalogs special formats should be a member of OLAC!

- Cataloging workshops
- Best practices guides
- OLAC-L
- <http://olacinc.org/>

Best Practices for Cataloging Objects Using RDA and MARC 21 by the OLAC CAPC Objects Best Practices Task Force, January 2020

<https://olacinc.org/document/best-practices-cataloging-objects-using-rda-and-marc-21>

Check it out!

Object (definition)

- “A three-dimensional artefact (or a replica of an artefact) or a naturally-occurring object.”



Petoskey Stone



Smilodon canine tooth
fossil cast replica

Type of Record = Visual Materials

Type Code 008/06 = r (3D)

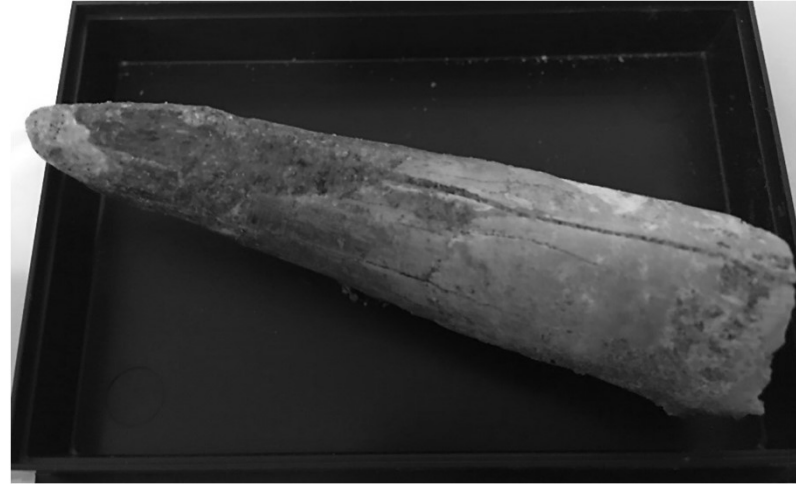
- “Three-dimensional artifacts and naturally occurring objects include human-made objects such as models, dioramas, games, puzzles, simulations, sculptures and other three-dimensional art works, exhibits, machines, clothing, toys, and stitchery. Also includes naturally occurring objects such as microscope specimens (or representations of them) and other specimens mounted for viewing.”

-- OCLC BF&S

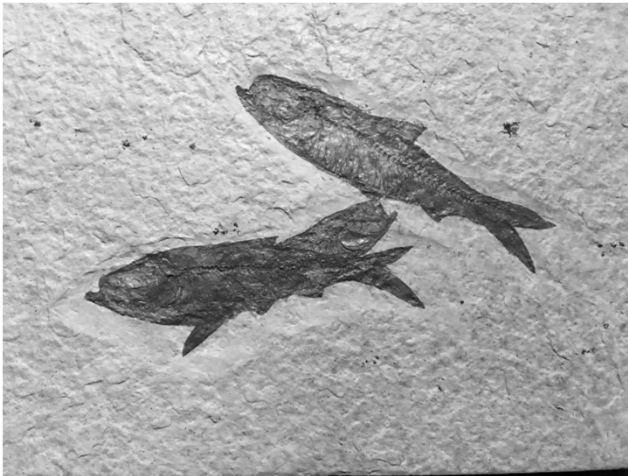
Examples of Realia (Naturally Occurring Objects)



Petoskey Stone



Spinosaurus Tooth Fossil

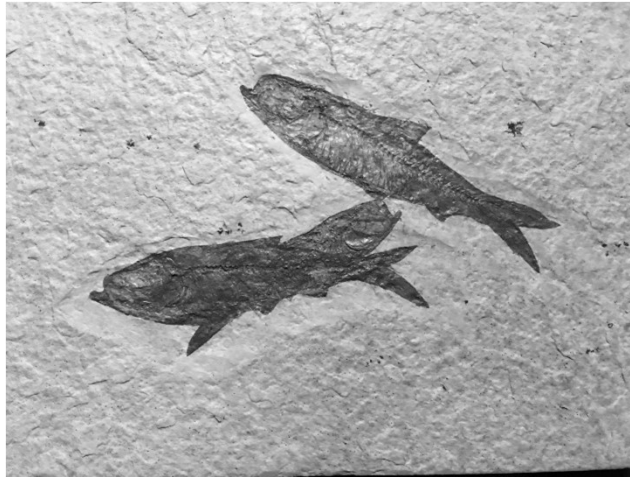


Herring Fossils



Geode

Examples of Realia (Naturally Occurring Objects)



Herring Fossils, or, Fish Out of Water

RDA remains completely silent when it comes to naturally occurring objects.

That is where we (at OLAC) can fill in the gaps, given our cataloger's judgment in cataloging these kinds of materials.

3D Objects (Type code = r)

TMat = Type of Visual Material; 008/33

Naturally Occurring Object

- Art original (TMat = a)
- Art reproduction (TMat = c)
- Diorama (TMat = d)
- Game (TMat = g)
- Microscope slide (TMat = p)
- Model (TMat = q)
- **Realia (TMat = r)**
- Toy (TMat = w)
- Other (TMat = z)



Title Sources of Information

- ❖ Take a title proper from the preferred source of information as specified at 2.2.2-2.2.3.

(Take the title from the manifestation itself. Included: container in which it was issued.)

- ❖ If there is no title provided within the manifestation itself, take a title proper from one of the sources specified at 2.2.4 in order of preference:

- a) accompanying material (e.g., a leaflet)
- b) other published descriptions of the manifestation
- c) a container that is not issued with the manifestation itself (e.g., a box or case made by the owner)
- d) any other available source (e.g., a reference source; website).

When instructions specify transcription, indicate that the information is supplied from a source outside the manifestation itself.

Make a note on the source of a title proper, if required (see 2.17.2.3).

•==

- ❖ And if there is no title, create one!
Add the source of description note in field 588:

588 0_ \$a Title devised by cataloger.

A Good Example of Precise Data ...

264 Production, Publication, Distribution, Manufacture Statements and Copyright Notice Date

264 is repeatable. Indicator 2 shows the function of the entity:

- 0** – Production (RDA 2.7.1.1) “inscription, fabrication, construction, etc. of a manifestation in an unpublished form.”
- 1** – Publication (RDA 2.8.1.1) “publication, release, or issuing of a manifestation.”
- 2** – Distribution (RDA 2.9.1.1) “distribution of a manifestation in a published form.”
- 3** – Manufacture (RDA 2.10.1.1) “printing, duplicating, casting, etc. of a manifestation in a published form.”
- 4** - Copyright notice date

RDA -264 field (Publication, Distribution, and Manufacture Statements)

RDA says that if you do not have the actual publisher elements, then you describe those elements as “not identified” in brackets.

264 _1 [Place of publication not identified] : \$b

[publisher not identified], \$c [date of publication not identified]

In such a case, the fixed field Date Type/Publication Status would be “n” for “unknown.”

Date1 would be: uuuu

LC & PCC libraries have strongly encouraged catalogers to supply the inferred elements.

While we're on the topic of Publication and Objects ...

“Publication remains a very print-centric concept. And RDA’s definitions remain amorphous.” – Kelley McGrath, University of Oregon, Objects Task Force Advisor

RDA Toolkit (beta):

“Published manifestation: A manifestation that is created by a publisher or manufacturer, or made available by a distributor.”

“Publisher agent: An agent who is responsible for publishing, releasing, or issuing a manifestation.”

Publication statement (RDA 2.8) (OBP)

All three elements of a publication statement - place of publication, name of publisher, and date of publication should be recorded for published manifestations.

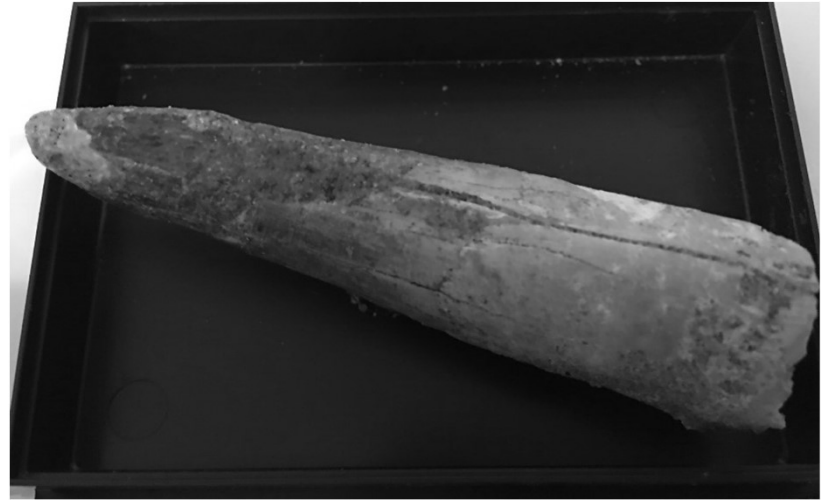
However, these elements are frequently not applicable or not easily ascertainable for objects, even “published” objects.

Therefore, following **RDA 0.6.4**, if the concept of “publication” does not make sense for the type of material being described (take for example an article of commercially produced clothing: we do not think of it as having a publisher or place of publication, but it would have a manufacturer and possibly a distributor), or if the information is not available, do not record or supply these elements.

Realia (Naturally Occurring Objects)



Petoskey Stone



Spinosaurus Tooth Fossil

For Naturally Occurring Objects, the whole notion of “Publication” does not usually make sense, so there is often **no 264 field**.

In the fixed fields, the common DtSt (00/06) (Type of Date / Publication Status = **n** (unknown)

Dates = **uuuu, uuuu**

Also in the fixed fields, the common Language Code (008/35-37) = **zxx**
(no linguistic content)

Realia (Naturally Occurring Object) (Packaged and Distributed)

Meteorite



- In the fixed fields, the DtSt (00/06) (Type of Date / Publication Status = **s**
- Date 1 = **2011**
- Language Code (008/35-37) = **eng**; Country Code (Ctry) = **ctu**
- 264 _2 \$a [Bethel, Connecticut] : \$b Educational Innovations, Inc., \$c [2011?]

300 3.4.6 Extent of three-dimensional form

Controlled list:

- coin
- diorama
- exhibit
- game
- jigsaw puzzle
- mock-up
- model
- sculpture
- specimen
- toy

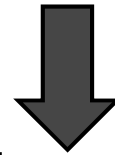
3.4.6 Extent of three-dimensional form

If none of the prescribed terms listed above is appropriate, use a term designating the type of unit as concisely as possible.

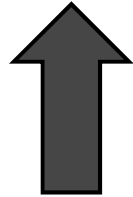
- 1 meteorite
- 1 fossil
- 1 snow globe
- 1 paperweight

Base Material & Dimensions

RDA 3.6.1.3 Choose a base material from the controlled list.



300 1 model (20 pieces) : \neq b plastic, color ; \neq c 10 x 26 x 8 cm + \neq e 1 guide



3.5.1.4.13 Dimensions

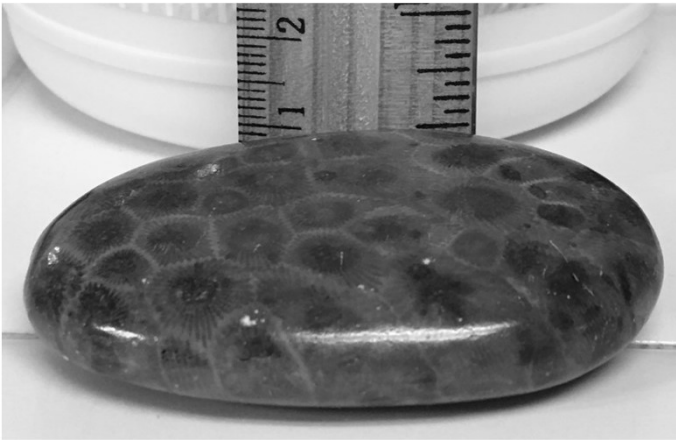
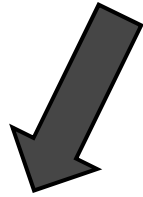
(Height x Width x Depth)

Realia (Naturally Occurring Object)

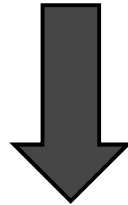
3.5.1.4.13 Dimensions

(Height x Width x Depth)

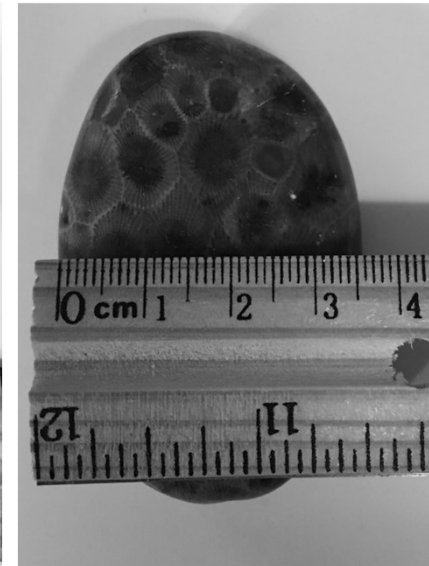
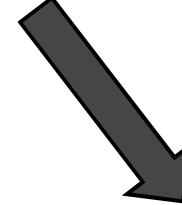
1



7



4



Petoskey Stone

336, 337, 338

336 Content Type (a categorization reflecting the fundamental form of communication in which the content is expressed and the human sense through which it is intended to be perceived.)

The content type for 3D objects is either:

- *Tactile three-dimensional form*
- *336 Three-dimensional form \$b tdf \$2 rdacontent*

<http://www.loc.gov/standards/valuelist/rdacontent.html>

337 Media Type (a categorization reflecting the general type of intermediation device required to view, play, run, etc., the content of a resource.)

The media type for 3D objects is:

- *337 Unmediated \$b n \$2 rdamedia*

<http://www.loc.gov/standards/valuelist/rdamedia.html>

338 Carrier Type (is a categorization reflecting the format of the storage medium and housing of a carrier in combination with the type of intermediation device required to view, play, run, etc., the content of a resource.)

The carrier type for 3D objects is:

- *338 Object \$b nr \$2 rdacarrier*

<http://www.loc.gov/standards/valuelist/rdacarrier.html>

336 Three-dimensional form (rdacontent)

Content expressed through a form or forms intended to be perceived visually in three-dimensions. Includes sculptures, models, naturally occurring objects and specimens, holograms, etc.



RDA 3XX for a Petoskey Stone

- 300 1 Petoskey stone ; \$c 1 x 7 x 4 cm
- 336 three-dimensional form \$b tdf
\$2 rdacontent
- 337 unmediated \$b n \$2 rdamedia
- 338 object \$b nr \$2 rdacarrier

Realia (Naturally Occurring Object) (page 1)

Title: Petoskey Stone

Type r ELvl I Srce d Audn Ctrl Lang zxx
BLvl m Form GPub Time nnn MRec Ctry xx
Desc i TMat r Tech n DtSt n Dates uuuu, uuuu

040 __ \$a XXX \$b eng \$e rda \$c XXX

245 00 \$a Petsokey stone.

300 __ \$a 1 Petoskey stone : \$b brown and grey ; \$c 1 x 7 x 4 cm

336 __ \$a three-dimensional form \$b tdf \$2 rdacontent

337 __ \$a unmediated \$b n \$2 rdamedia

338 __ \$a object \$b nr \$2 rdacarrier

340 __ \$a limestone \$g brown, grey

388 1_ \$a Devonian Period

Realia (Naturally Occurring Object) (page 2)

Title: Petoskey Stone

500 __ \$a Polished Petoskey stone.

500 __ \$a The Petoskey stone is the official state stone of Michigan.

588 0_ \$a Title devised by cataloger.

650 _0 \$a Corals, Fossil \$v Specimens.

650 _0 \$a Paleontology #y Devonian.

Comment:

This is a good example where there is not a great LCSH to describe what this is. It is a Petoskey stone, but there is no LCSH for Petoskey stone. We know that Petoskey stones are fossilized coral from the Devonian Era, so that is what I put. I also know that most Petoskey stones come from Lake Michigan, many from Petoskey, Michigan ... but since I do not know for sure where this one came from, I did not add that. I did consider adding the geographic place name ... but it would be a guess. I would prefer to see "Petoskey" mentioned somewhere in the subject headings!

Realia (Naturally Occurring Object) (page 3)

Title: Petoskey Stone

Other possibilities to consider ...

340 Physical Medium

340 ___ \$a limestone \$g brown, grey

370 Associated Place (if known)

370 ___ \$i Discovered \$f Petoskey, Michigan

388 Time Period of Creation

388 1_ \$a Devonian Period

518 Date/Place of Finding (if known)

518 ___ \$a Found in 2015 in Petoskey, Michigan.

Realia (Naturally Occurring Object) (Packaged and Distributed)



Meteorite

Meteorite (page 1)

OCLC 902698038

Type r ELvl I Srce d Audn Ctrl Lang eng

BLvl m Form GPub Time nnn MRec Ctry ctu

Desc i TMat r Tech n DtSt s Dates 2011 ,

040 __ \$a XXX \$b eng \$e rda \$c XXX

245 00 \$a Iron meteorite.

246 1_ \$i Title from distributor's website: \$a Sikhote-Alin iron meteorite

246 30 \$a Sikhote-Alin meteorite

246 1_ \$i Title from second label: \$a Meteorite, Sikhote-Alin, Russia

264 _2 \$a [Bethel, Connecticut] : \$b Educational Innovations, Inc., \$c [2011?]

300 __ \$a 1 meteorite fragment ; \$c 3 x 2 x 1 cm, in box 11 x 9 x 3 cm

336 __ \$a three-dimensional form \$b tdf \$2 rdacontent

337 __ \$a unmediated \$b n \$2 rdamedia

338 __ \$a object \$b nr \$2 rdacarrier

Meteorite (page 2)

588 0_ \$a Title from container label.

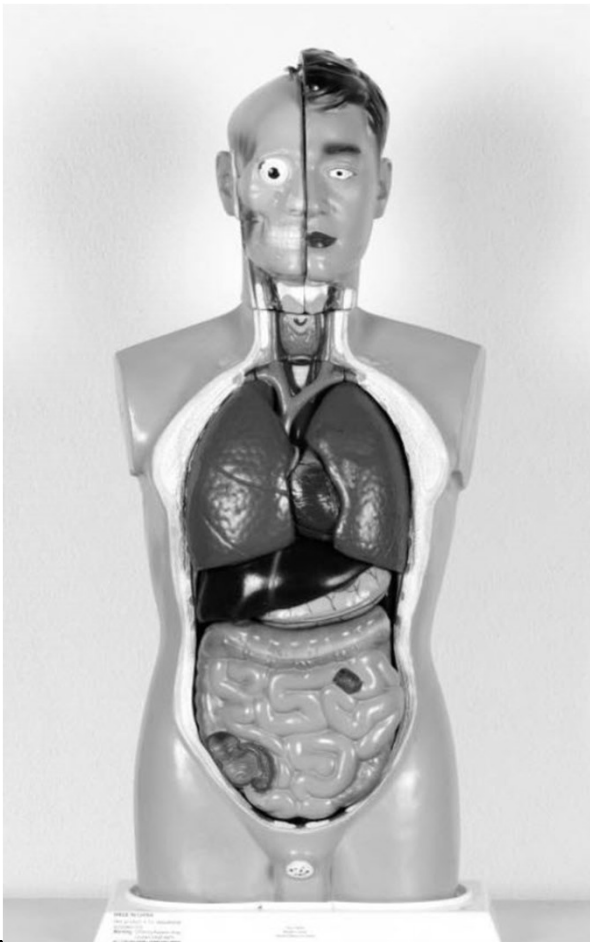
500 __ \$a "RM-451."500 __ \$a "Meteorite: Sikhote-Alin, Russia, 270 miles northeast of Vladivostok; Date: 10:38 a.m. Feb 12, 1947 local time; Specimen mass: 11.9 g.; Description: Group IIB, coarsest octahedrite, 5.9% Ni, 0.42% Co, 0.46% P, 0.28% S, 52 ppm Ga, 161 ppm Ge, 0.03 ppm Ir, remainder being iron. Minerals found: kamacite, taenite, plessite, schreibersite, rhabdite, troilite, & chromite."--Container label.

500 __ \$a Meteorite displayed in a Riker Mount specimen box.

520 __ \$a Iron meteorite that fell in 1947 on the Sikhote-Alin Mountains in southeastern Siberia.

650 _0 \$a Meteorites \$v Specimens.

Models



Tall Paul
Anatomical Model



Mr. Bones

Models



Smilodon
California State Fossil

Dire Wolf



Pleistocene Epoch

3D Objects (Type code = r)

TMat = Type of Visual Material; 008/33

- Art original (TMat = a)
- Art reproduction (TMat = c)
- Diorama (TMat = d)
- Game (TMat = g)
- Microscope slide (TMat = p)
- **Model (TMat = q)**
 - Realia (TMat = r)
 - Toy (TMat = w)
 - Other (TMat = z)

Type of Visual Material, definition MARC 008 Visual materials byte 33/OCLC TMat

Model TMat =q

- Three-dimensional representations of real things or imagined objects, either of the exact size of the original or to scale. A model may or may not be operational. Use for mock-ups.

OCLC BF&S

Model



Smilodon Skull Fossil Model

Model

Title: Smilodon skull fossil model

OCLC (none, for illustrative purposes only)

Type r ELvl I Srce d Audn Ctrl Lang zxx

BLvl m Form GPub Time nnn MRec Ctry xx

Desc i TMat q Tech n DtSt q Dates 2017 , 2019

040 __ \$a XXX \$b eng \$e rda \$c XXX

090 __ \$a QE882.C15 \$b S64 2017z

245 0 0 \$a Smilodon skull fossil model.

246 3_ \$a Saber-toothed cat skull fossil model

246 3_ \$a Saber-tooth cat skull fossil model

246 3_ \$a Saber-toothed tiger skull fossil replica

264 _3 \$a [Place of manufacture not identified] : \$b [manufacturer not identified], \$c [between 2017 and 2019?]

300 __ \$a 1 model : \$b plastic, color ; \$c 35 x 14 x 34 cm

336 __ \$a three-dimensional form \$b tdf \$2 rdacontent

337 __ \$a unmediated \$b n \$2 rdamedia

338 __ \$a object \$b nr \$2 rdacarrier

Model

Title: Smilodon skull fossil model

340 __ \$a plastic \$2 rdamat

340 __ \$g polychrome \$2 rdacc

380 __ \$a Anatomical models \$2 lcgft

588 0_ \$a Title devised by cataloger.

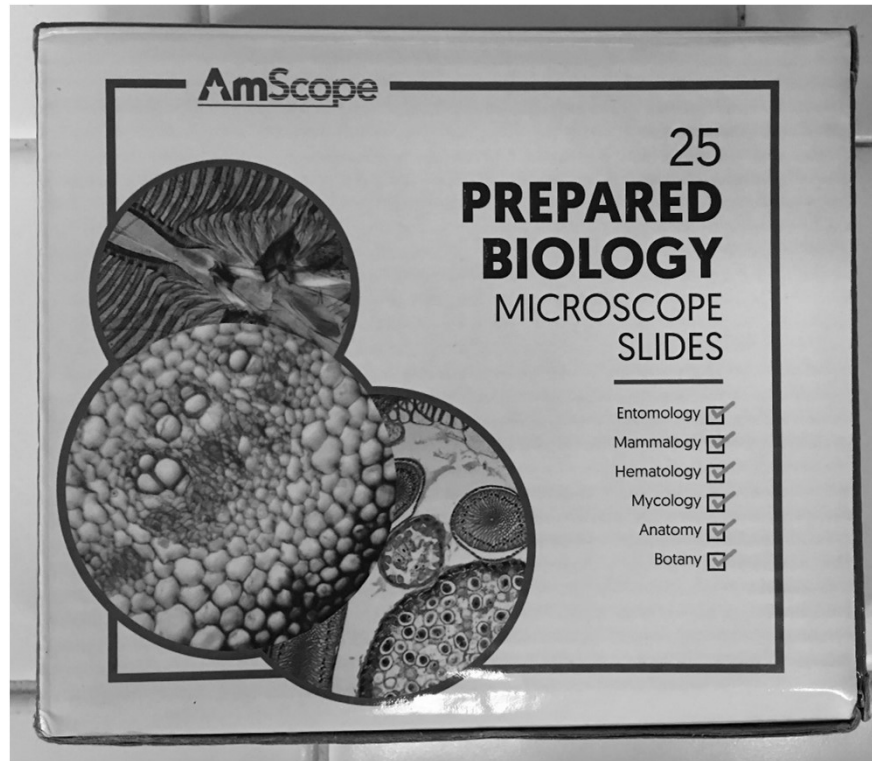
500 __ \$a 1:1 life-sized replica.

520 __ \$a Articulated Smilodon skull fossil model with hinged jaw.

650 _0 \$a Smilodon \$x Models \$v Specimens.

655 _7 \$a Anatomical models \$2 lcgft

Microscope Slides



25 prepared biology microscope slides

3D Objects (Type code = r)

TMat = Type of Visual Material; 008/33

- Art original (TMat = a)
- Art reproduction (TMat = c)
- Diorama (TMat = d)
- Game (TMat = g)
- **Microscope slide (TMat = p)**
- Model (TMat = q)
- Realia (TMat = r)
- Toy (TMat = w)
- Other (TMat = z)



Type of Visual Material, definition
MARC 008 Visual materials byte 33/OCLC
Tmat = p

Microscope Slide TMat =p

Transparent, usually glass, mounts containing a minute object to be viewed through a microscope or microprojector.

Microscope Slides (page 1)

Title: 25 prepared biology microscope slides

OCLC (none, for illustrative purposes only)

Visual Materials workform, Type of record = r (three-dimensional object)

Type of Visual Material = p (microscope slide)

Type r ELvl I Srce d Audn Ctrl Lang eng
BLvl m Form GPub Time nnn MRec Ctry cau
Desc i TMat p Tech n DtSt s Dates 200u ,

040 \$a XXX \$b eng \$e rda \$c XXX

028 42 \$a PS25W \$b AmScope

245 0 0 \$a 25 prepared biology microscope slides.

246 3 \$a Twenty-five prepared biology microscope slides

246 30 \$a Prepared biology microscope slides

264 3 \$a [Irvine, California] : \$b AmScope, \$c [200-?]

300 \$a 25 microscope slides : \$b glass ; \$c 8 x 3 cm, in wooden slide
case 4 x 13 x 11 cm

Microscope Slides (page 2)

336 \$a three-dimensional form \$b tdf \$2 rdacontent

337 \$a microscopic \$b p \$2 rdamedia

338 \$a microscope slide \$b pp \$2 rdacarrier

340 ____ \$a glass \$2 rdamat

380 ____ \$a Microscope slides \$2 lcsh

500 ____ \$a "PS25W" – Container.

588 0_ \$a Title from container.

505 0_ \$a Slides Included: Pine leaf (cross section) -- Coprimus mushroom set (cross section) -- Sunflower stem (cross section) -- Young root of broad bean (cross section) -- Onion epidermis (whole mount) -- Tilia stem (cross section) -- Pumpkin stem (cross section) -- Lillium ovary (cross section) -- Lillium anther (cross section) -- Zea stem (cross section) -- Nymphaea of apustio stem (cross section) -- Hydrilla verticillata leaf (whole mount) -- Pine stem (cross section) -- Dog esophagus (cross section) -- Human blood (smear) -- Dog skeletal, muscle (longitudinal section & cross section) -- Pig motor nerve (section mount) -- Rabbit spinal cord (cross section) -- Rabbit testis (section) -- Dog cardiac muscle (longitudinal section) -- Dense connective tissue (section) -- Housebee mouth parts (whole mount) -- Honeybee worker leg-composite (whole mount) -- Hydra (longitudinal section) -- Dog stomach (section).

Microscope Slides (page 3)

520 \$a Prepared and labeled biology microscope slide set contains specimen examples of entomology, mammalogy, hematology, mycology, anatomy, and botany.

650 _0 \$a Microscope slides.

650 _0 \$a Biological specimens.

650 _0 \$a Microscopy.

710 2_ \$a AmScope (Firm), \$e manufacturer.

Kits

**There is no definition for Kits in RDA!
Kits are not even mentioned in RDA!**

DON'T PANIC



And whatever you do,

Do not agonize!

– Jay Weitz

Kits

AACR2r

An item containing two or more categories of material, no one of which is identifiable as the predominant constituent of the item.

Or use the common definition of kit ...

A set or collection of tools, supplies, instructional matter, etc., for a specific purpose.

-- dictionary.com

Kit

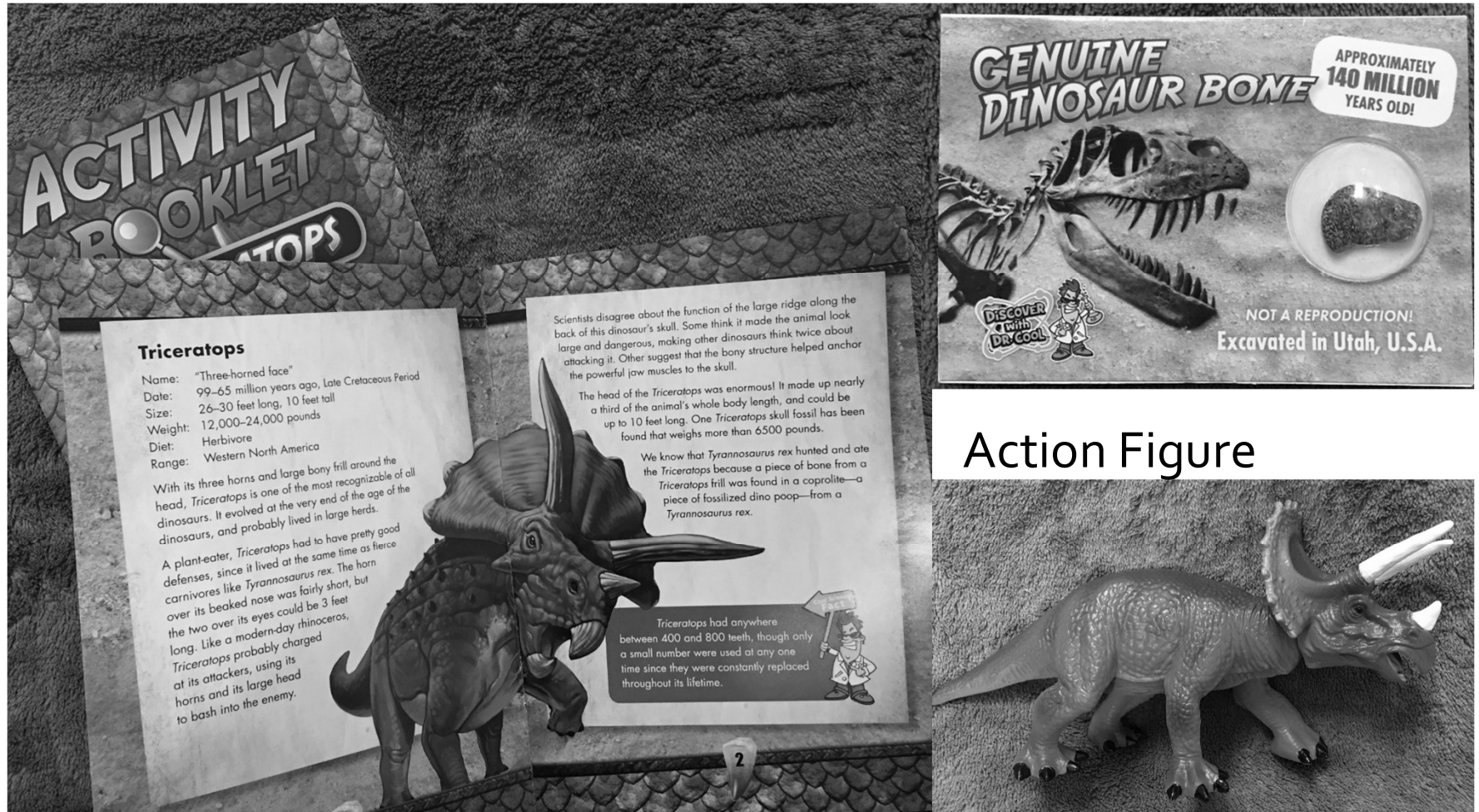


Discover Dinosaurs Ultimate Dinosaur Learning Set: Triceratops

Kit

Activity book and Learning guide

Real Fossil



Discover Dinosaurs Ultimate Dinosaur Learning Set: Triceratops

Type of Record = Visual Materials
Type Code 008/06 = 0 (kit)

Kit Type=0

Materials with various components issued as a unit and intended primarily for instructional purposes. No one component is identifiable as the predominant component. Examples include packages of assorted materials, such as a set of school social studies curriculum material (books, workbooks, guides, activities, etc.) or packages of educational test materials (tests, answer sheets, scoring guides, score charts, interpretative manuals, etc.).

OCLC BF&S

Type of Visual Material

MARC 008 Visual materials byte 33/OCLC

Tmat = b

Kit TMat =b

Mixture of components from two or more categories (i.e., sound recordings, maps, filmstrips, etc.), no one of which is identifiable as the primary constituent of the item. Also includes the packages of material called laboratory kits, and packages of assorted materials, such as a set of K-12 social studies curriculum material (all books, workbooks, guides, activities, etc.) or packages of educational test materials (tests, answer sheets, scoring guides, score charts, interpretative manuals, etc.).

OCLC BF&S

Kit (page 1)

Title: Discover dinosaurs ultimate dinosaur learning set: Triceratops.

OCLC (none, for illustrative purposes only)

Visual Materials workform, Type of record = o (kit)

Type of Visual Material = b (kit)

Type o ELvl I Srce d Audn Ctrl Lang eng
BLvl m Form GPub Time nnn MRec Ctry oru
Desc i TMat b Tech n DtSt s Dates 2016 ,

040 \$a XXX \$b eng \$e rda \$c XXX

245 0 0 \$a Discover dinosaurs ultimate dinosaur learning set : \$b
Triceratops.

246 30 \$a Triceratops

246 30 \$a Ultimate dinosaur learning set

264 1 \$a [Oregon?] : \$b Discover with Dr. Cool, \$c [2016]

264 4 \$c ©2016

Kit (page 2)

300 \$a 1 triceratops action figure, 1 dinosaur fossil, 1 adventure guide, 1 activity booklet ; \$c in box 17 x 29 x 9 cm

336 \$a three-dimensional form \$b tdf \$2 rdacontent

336 \$a text \$b txt \$2 rdacontent

337 __ \$a unmediated \$b n \$2 rdamedia

338 __ \$a object \$b nr \$2 rdacarrier

338 __ \$a volume \$b nc \$2 rdacarrier

340 __ \$a plastic \$2 rdamat

588 0_ \$a Title from container.

505 0_ \$a Triceratops action figure – Dinosaur fossil – Triceratops adventure guide – Triceratops activity booklet.

520 \$a The discover dinosaurs series by Discover with Dr. Cool makes dinosaur learning fun and educational.

650 _0 \$a Triceratops.

650 _0 \$a Dinosaurs.

650 _0 \$a Fossils.

650 _0 \$a Paleontology \$v Juvenile literature.

650 _0 \$a Paleontology ≠y Cretaceous.

710 2_ \$a Discover with Dr. Cool (Firm), \$e publisher.

Kit (tactile three-dimensional form)



Feely bag texture materials kit

Kit (tactile three-dimensional form)

336 (rdacontent)

Tactile three-dimensional form

Content expressed through a form or forms intended to be perceived through touch as a three-dimensional form or forms



Kit (tactile three-dimensional form) (page 1)

Title: Feely bag texture materials kit

OCLC #903913883

Visual Materials workform, Type of record = o (kit)

Type of Visual Material = b (kit)

Type o ELvl I Srce d Audn Ctrl Lang eng
BLvl m Form GPub Time nnn MRec Ctry oru
Desc i TMat b Tech n DtSt s Dates 2011 ,

040 __ \$a XXX \$b eng \$e rda \$c XXX

050 _4 \$a QP451 \$b .F44 2011

245 0 0 \$a Feely bag texture materials kit.

264 _2 \$a Rochester, New York : \$b Ward's Science, \$c [2011?]

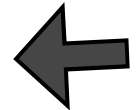
300 __ \$a 1 kit (9 pieces) : \$b color ; \$c in drawbag, 19 x 17 cm + \$e 1

blindfold

336 __ \$a **tactile three-dimensional form** \$b tcf \$2 rdacontent

337 __ \$a unmediated \$b n \$2 rdamedia

338 __ \$a object \$b nr \$2 rdacarrier



Kit (page 2)

588 __ \$a Title from distributor's website.

500 __ \$a "2191290"--Distributor's website.

500 __ \$a Bag contains steel wool, yarn, cloth, a wooden ball, a sponge, a styrofoam sphere, a glass marble, cardboard, and sandpaper.

520 __ \$a Students explore their sense of touch and what it tells them is inside the cloth drawstring bag containing various items.

500 __ \$a Educational use only. Not a toy. Not for pre-school children.

650 _0 \$a Touch \$x Study and teaching \$x Audio-visual aids.

650 _0 \$a Touch in children.

650 _0 \$a Senses and sensation \$x Experiments.

650 _0 \$a Manipulatives (Education)

650 _0 \$a Teaching \$x Aids and devices.

710 2_ \$a Ward's Science, \$e Distributor.

Cataloging Funny Formats



Got Questions



Email:
jumooore@csufresno.edu



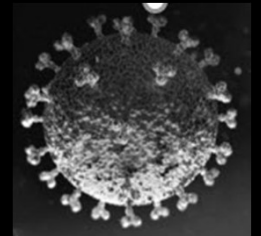
Cataloging Funny Formats



Thank you for your time!

Cataloging Funny Formats

During These Strange Times



Models, Naturally Occurring
Objects, Microscope Slides, & Kits

Julie Renee Moore, Special Collections Catalog
Librarian, California State University, Fresno,
jumooore@csufresno.edu

OLAC @ 40 Conference