

What is Cataloged?

Museums catalog physical things!

6 PhysicalObjects that share a catalog number [UTEP:ES:22-1609](https://arctos.database.museum/guid/UTEP:ES:22-1609), but ideally would have their own unique MaterialSampleID (like [https://arctos.database.museum/guid/UTEP:ES:22-1609\(part1\)](https://arctos.database.museum/guid/UTEP:ES:22-1609(part1)))

Parts

full view

▼

Part Name	Condition	Disposition	Qty	InContainer	PLPath	Loan	Event	Remarks
tooth, molar	good	in collection	5			1983.4 (closed)	pickEvent	right m1/ m2/, left m1/ m2/ m3/
tooth, premolar	good	in collection	1			2010.4 (closed)	pickEvent	right p2/

BUT museums also record information about the things they care for, including:

How they came to be at the museum (accession)

Where they originated (collection/creation)

Who took them from the place they originated (collector)

When they were taken from where they originated

What they are or represent (identification)

Other ways of designating the thing (collector number, etc)

Who has done what with the thing since it came into the museum's care (preparation, exhibition, research)

Identifications [collapse]

[Edit](#)

Haringtonhippus francisci

Haringtonhippus francisci (Hay, 1915) sensu [Barron-Ortiz et al. 2017](#)

Eukaryota, Metazoa, Chordata, Craniata, Sarcophytaria, Mammalia, Laurasiatheria, Perissodactyla, Equidae, Haringtonhippus, Haringtonhippus francisci

sensu [Barron-Ortiz et al. 2017](#)

Identified by [Christian R. Barron-Ortiz](#)  on 2017-08-17

ID3


Nature of ID: molecular

Remarks: Former nature_of_id: molecular data.

Equus conversidens cf.

Equus conversidens

Mexican horse

Identified by [Arthur H. Harris](#)  on 2013-07-16

Nature of ID: features

Confidence: high

Remarks: species cf.; Former nature_of_id: expert.

ID2

Equus conversidens

Mexican horse

sensu [Harris and Porter 1980](#)

Identified by [Arthur H. Harris](#)  and [Linda W. Porter](#)  on 1980


Nature of ID: relationship


Confidence: high

Remarks: Former nature_of_id: ID of kin.

ID1

Citations

voucher of *Equus conversidens* , page 53 in [Harris and Porter 1980](#) [DOI:10.2307/1379956](https://doi.org/10.2307/1379956) 

voucher of *Equus conversidens* , page 491 in [Barron-Ortiz et al. 2019](#) [DOI:10.1017/pab.2019.17](https://doi.org/10.1017/pab.2019.17) 

voucher of *Haringtonhippus francisci* in [Barron-Ortiz et al. 2017](#) [DOI:10.1371/journal.pone.0183045](https://doi.org/10.1371/journal.pone.0183045) 

[UTEP:ES:22-1609](#) has three “Identification” Events

Indicating that “some part” was used to **infer the existence of “organism”** identified as “taxon”

highlight linked components

Event Type: collection

assigned by William R. Smartt on 1971-06-10

Event Date: 1971-06-10

Verbatim Date: 1971-06-10

Higher Geography: [North America](#), [United States](#), [New Mexico](#), [Eddy County](#) [details](#)

Locality Nickname: UTEP:ES:Site 22

Specific Locality: Dry Cave, Animal Fair [details](#)

Verbatim Locality: USA, New Mexico, Eddy, Animal Fair, Dry Cave, Pecos River drainage, 32.3723 Lat, -104.4815 Lon, SEC 22 R24E T22S, Elev. 1280 M, Strat: C7 L1-2 [details](#)

Associated Names: United States, United States of America, New Mexico, Eddy, NORTH AMERICA MAINLAND

Locality Remarks: Pecos River drainage, SEC 22 R24E T22S

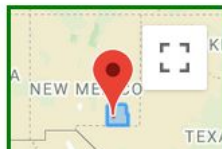
Coordinates: 32.3723 / -104.4815 [history](#)

Error: 1000 m

Georeference Source: collector

Georeference Protocol: not recorded

Elevation: 1280 to 1280 m



Collector(s)

collector

[Edward M. Wingo](#) [i](#)

collector number: 122

Locality Attributes:

Attribute	Value	Determiner	M
Era/Erathem	Cenozoic define	Arthur H. Harris i	
System/Period	Quaternary define	Arthur H. Harris i	
Series/Epoch	Pleistocene define	Arthur H. Harris i	
Eon/Eonothem	Phanerozoic define	Arthur H. Harris i	

Event Details:

Event Verification: unverified [Define](#)

[UTEP:ES:22-1609](#) has one
“collection” event

Indicating that “all parts” were
collected in this “location” at
this “time” by “recordedBy”
who gave the event
“recordedByID”

The things collected do not
represent an entire
“organism” indicating that this
collection event may not = an
“occurrence” (organism at a
place and time)

The existence of geologic
attributes and age estimate
**infer an “occurrence” at some
time in the past.**

Remarks: Specimen Age Estimate - minimum date: 15030

Identifiers

GenBank: [KX137126.1](#) 

One or more
“MaterialSamples” of
[UTEP:ES:22-1609](#) is **inferred**
to have had at least one
sampling event because
there is an associated
molecular identifier

Parts full view 

Part Name	Condition	Disposition	Qty	InContainer	PLPath	Loan	Event	Remarks
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The existence of loans also indicate potential sampling

BUT

No sampling was recorded

Media linked to this Cataloged Item.

Showing results 1 - 2 of 2

[Media Gallery](#)



image (image/jpeg)
[Media Details](#)
Right M1 or M2



image (image/jpeg)
[Media Details](#)
[CC BY](#) 
Edward M. Wingo Field Not...

[UTEP:ES:22-1609](#) includes 2
“Images”.

One documents the
“collection” event and the
other is an “observation” of
one of the “MaterialSamples”.

What does this single record represent?

<https://arctos.database.museum/guid/UTEP:ES:22-1609>

Direct evidence of:

- 6 Physical Objects
- 2 Images
- 4 Events (one collection, 3 identification)

Indirect evidence of:

- 1 or more Physical Objects (destroyed sample(s) for molecular research)
- 1 or more Organisms (unclear if it has been determined that these teeth are indeed all identified as a single taxon)
- 1 or more Occurrences (dependent upon the actual number of “organisms”)
- 1 or more Datasets (taxonomy, higher geography)
- 2 or more Events (imaging, sampling - perhaps more than once)

What have I missed?

Currently, all of this is being smooshed into <https://www.gbif.org/occurrence/1638514387> which means information is lost and interpretation is muddled with direct evidence.