

# Paleo Extension

This extension is used to describe data from the USGS National Paleontological Database.

## Paleo Extension Information

Additional Information:

The following link is original documentation that describes the fields in the extension in more detail

[gov.sciencebase.catalog.item.facet.paleo](http://gov.sciencebase.catalog.item.facet.paleo) However, this link describes using the Expando extension which should not be used. Use the Paleo extension instead, described here.

## Example JSON

```

{
  "facets": [{
    "samplingInformation": {
      "depthHeight": "six",
      "eAndRShipment": "e",
      "elevation": "4000ft",
      "fieldLocalityNumber": "f-34",
      "locationalAccuracy": "100",
      "otherLocationInformation": "none",
      "plss": {
        "range": "everywhere",
        "township": "none"
      },
      "projectName": "The best project"
    },
    "semStub": "SEM Stub 2",
    "citation": "Citation",
    "sampleInformation": {
      "fieldSampleNumber": "f-34",
      "numberOfBulkVials": 1,
      "otherSampleNumbers": ["f-33", "2"],
      "sampleAbundance": "many",
      "samplePreservation": "very",
      "sampleType": "s type",
      "wasSampled": true
    },
    "fossil": "fossilium",
    "geology": {
      "formation": "subsub mantle",
      "group": "group 1-4xb",
      "informalUnit": "i",
      "member": "data member 3",
      "periodEpochRange": {
        "from": {
          "modifier": "333",
          "periodEpoch": "dinosaurs were there"
        },
        "to": {
          "modifier": "m",
          "periodEpoch": "p"
        },
        "zone": "z-3"
      }
    },
    "slideInformation": {
      "numberOfSlides": 1,
      "slideBoxNumber": "this is a string...",
      "slideBoxPosition": "up",
      "slideMade": true
    },
    "sampleExamination": {
      "lithologicRemarks": "unremarkable",
      "localityRemarks": "local epoch",
      "paleontologicalRemarks": "none",
      "wasExamined": true
    },
    "metadataTransformationNote": "Meta",
    "className": "gov.sciencebase.catalog.item.facet.PaleoFacet"
  }]
}

```

The above example could be used in a RESTful PUT call to Sciencebase.

## Properties

PaleoFacet

Property	Type	Description
fossil	String	
semStub	String	
citation	String	
metadataTransformationNote	string	
geology	PaleoGeology	Array
sampleExamination	PaleoSampleExamination	Array
sampleInformation	PaleoSampleInformation	Array
samplingInformation	PaleoSamplingInformation	Array
slideInformation	PaleoSlideInformation	Array

#### PaleoGeology

Property	Type	Description
group	String	
formation	String	
member	String	
informalUnit	String	
periodEpochRange	PaleoPeriodEpochRange	Array

#### PaleoPeriodEpochRange

Property	Type	Description
zone	String	
from	PaleoEpoch	Array
to	PaleoEpoch	Array

#### PaleoEpoch

Property	Type	Description
modifier	String	
periodEpoch	String	

#### PaleoSampleExamination

Property	Type	Description
wasExamined	Boolean	
localityRemarks	String	
paleontologicalRemarks	String	
lithologicRemarks	String	

PaleoSampleInformation

Property	Type	Description
numberOfBulkVials	Integer	
fieldSampleNumber	String	
otherSampleNumbers	List<String>	Array of Strings
sampleType	String	
sampleAbundance	String	
samplePreservation	String	
wasSampled	Boolean	

PaleoSamplingInformation

Property	Type	Description
fieldLocalityNumber	String	
elevation	String	
depthHeight	String	
otherLocationInformation	String	
locationalAccuracy	String	
projectName	String	
eAndRShipment	String	
plss	PaleoPlss	Array

PaleoPlss

Property	Type	Description
township	String	
range	String	

PaleoSlideInformation

Property	Type	Description
numberOfSlides	Integer	
slideBoxNumber	String	
slideBoxPosition	String	
slideMade	Boolean	

All values can be NULL at any time.