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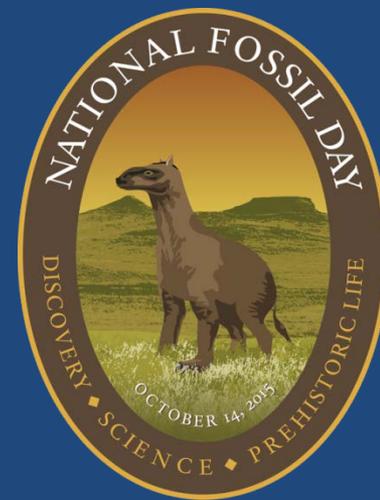
Presented by:
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2015 Mosaics in Science
Smithsonian National Museum
of Natural History

Outline

- Project 1: National Fossil Day Coordination
- Project 2: An Inventory of Fossil Trilobites from National Park Service Areas
- Project 3: Georeferencing and GEOLocating at the National Museum of Natural History



National Fossil Day



- National Fossil Day Mission
 - *“National Fossil Day is a celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as foster a greater appreciation of their scientific and educational values” - NPS*
- Partnership: Currently 323 National Fossil Day partners!
- Art and Photo Contest “Postcards from the Past”
- Events:
 - Washington, D.C. National Fossil Day kick-off event Saturday October 10, 2015 inside the NMNH

An Inventory of Fossil Trilobites from National Park Service Areas

- At least 260 National Parks Service areas that preserve paleontological resources
- 31 NPS areas contain trilobites
- Manuscript includes:
 - NPS location
 - Taxonomy (holotypes)
 - Geologic time, formation
 - Publications
 - Repository/catalog number



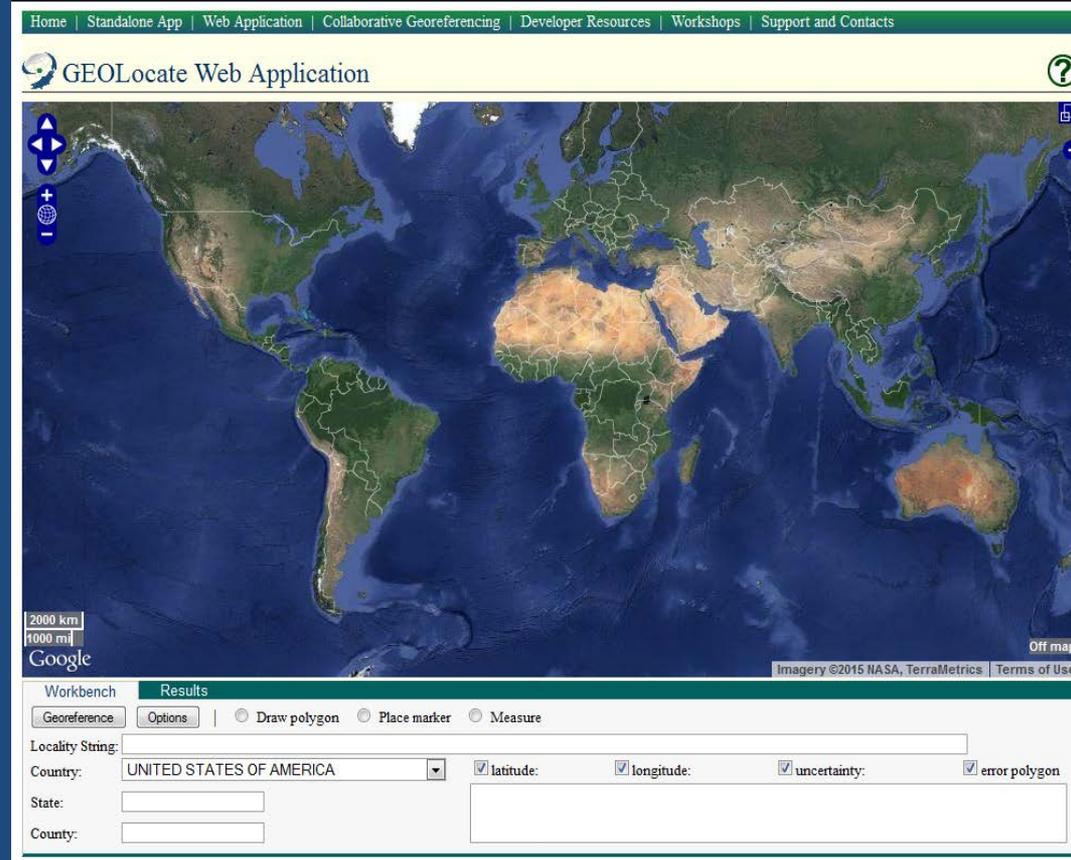
Grand Canyon trilobite, *Dolichometopus productus*.
<http://www.nps.gov/grca/learn/nature/fossils.htm>



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Georeferencing and GEOLocating at the Smithsonian National Museum of Natural History

- Over 40 million specimens held in the Paleobiology collection
- Work Plan:
 - 1) Find collecting event in EMu
 - 2) Export into excel
 - 3) Georeference in GEOLocate
 - 4) Add data to excel





- Goal: One stop shop to be able search for occurrence or observation data for fossilized specimen

USGS science for a changing world

Biodiversity Information Serving Our Nation (BISON) - Explore & download U.S. species occurrence data & maps

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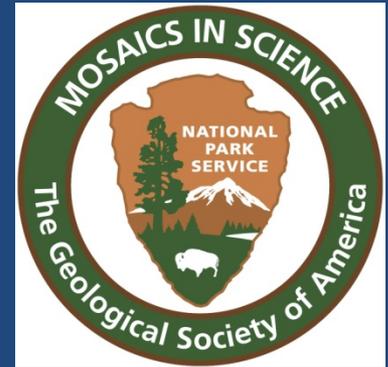
ITIS Enabled Search by Scientific Name Search Reset

Refine Your Search Previous Search (0) 243,170,991 results for all species using ITIS taxonomy

Points Layer County Heatmap State Heatmap Map Checklist

Search time: 45.62 seconds Current Zoom Level: 0

Acknowledgments



- Mosaics in Science
- The Geological Society of America
- National Park Service
- Smithsonian National Museum of Natural History
- American Geosciences Institute



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