




A Grand History of Interpreting Paleontological Resources at Grand Canyon National Park

Diana Boudreau, Ronnie Colvin, Earle Spamer

1919-2019 GRAND CANYON NATIONAL PARK CENTENNIAL

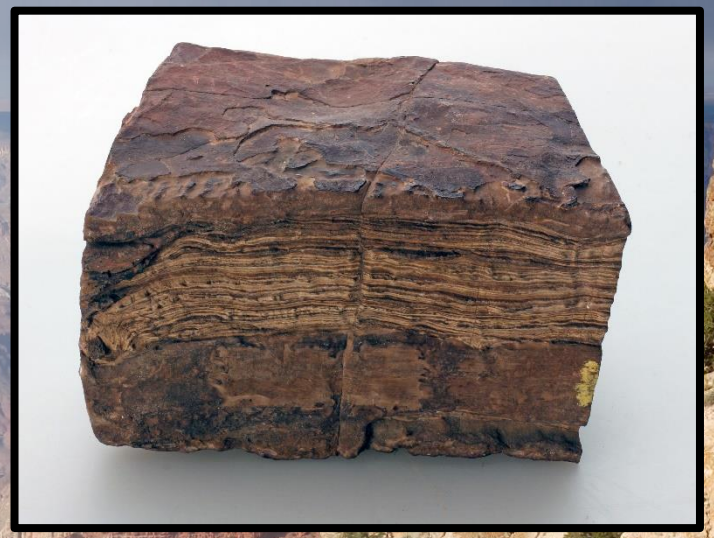
AMERICAN CONSERVATION EXPERIENCE ACE

GEOSCIENTISTS-IN-THE-PARKS NATIONAL PARK SERVICE GSA GeoCorps America™

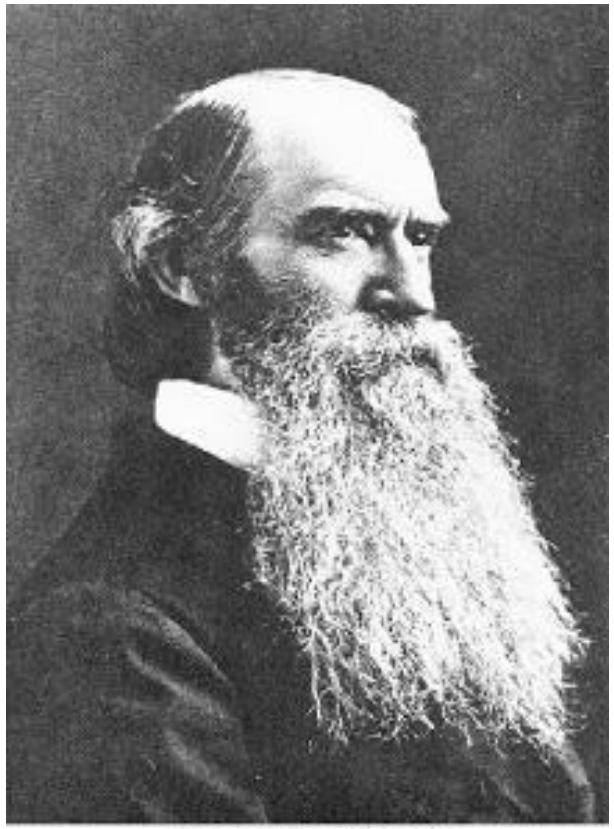
Paleo NPS PALEONTOLOGY

Paleontological Resources

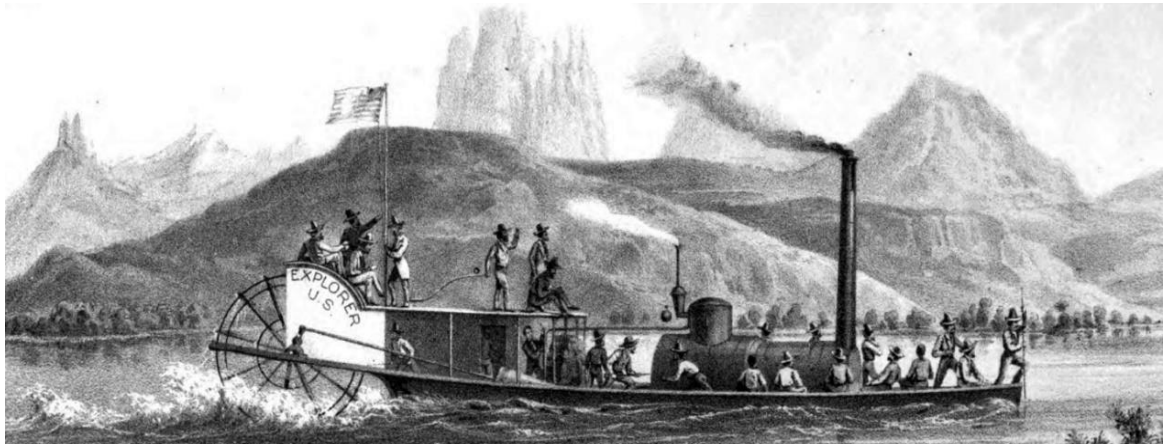
- 32% of Earth's geologic history exposed
- 1 billion years of fossil life
- Fundamental resource



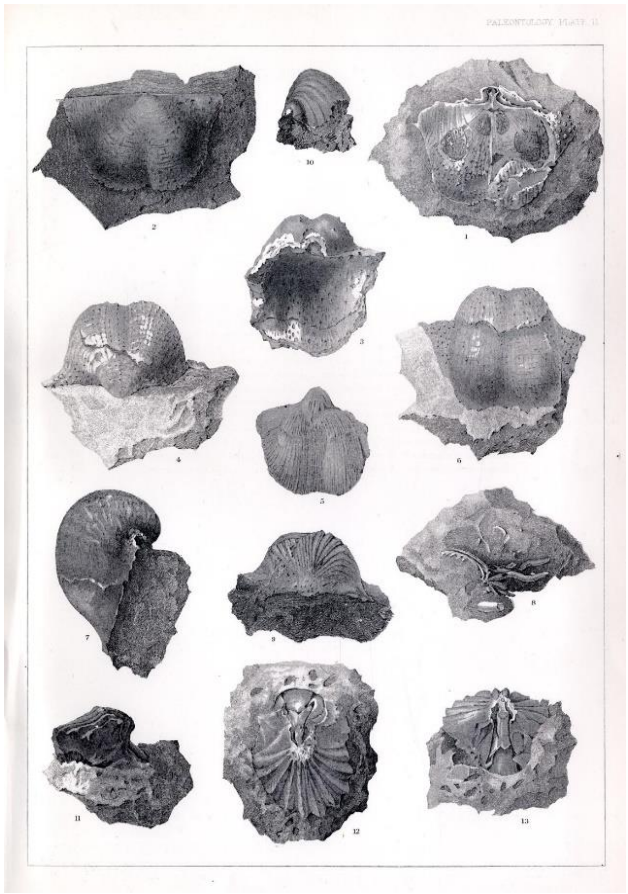
John Strong Newberry



Dr. John Strong Newberry
1822-1892

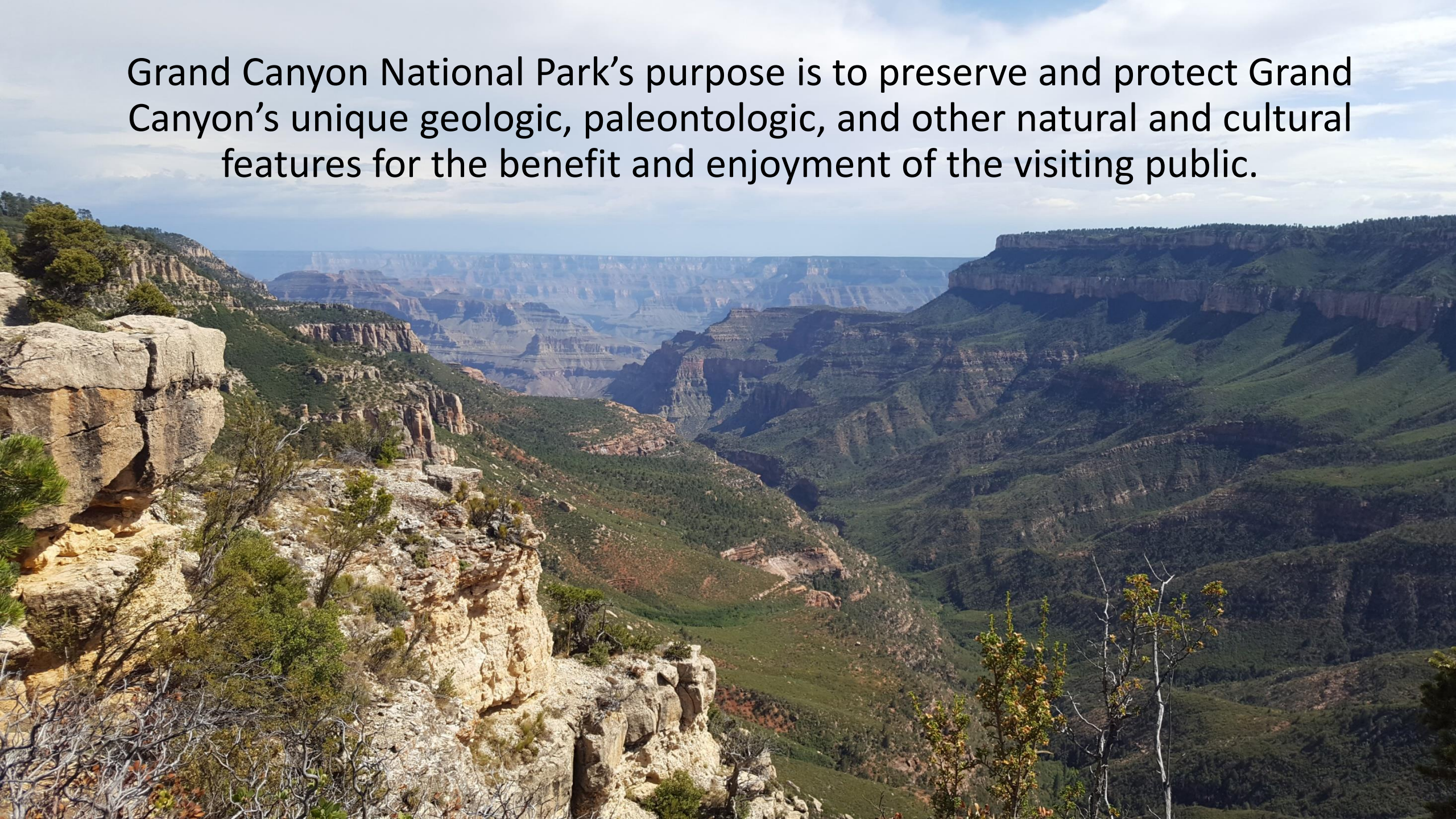


"In the absence of [suitable] fossils it is impossible to determine the precise geological age of any of the strata composing the . . . section below the limestone which forms the summit of the cliffs." – J. Newberry, 1857



Newberry, 1861, Plate 2

Grand Canyon National Park's purpose is to preserve and protect Grand Canyon's unique geologic, paleontologic, and other natural and cultural features for the benefit and enjoyment of the visiting public.



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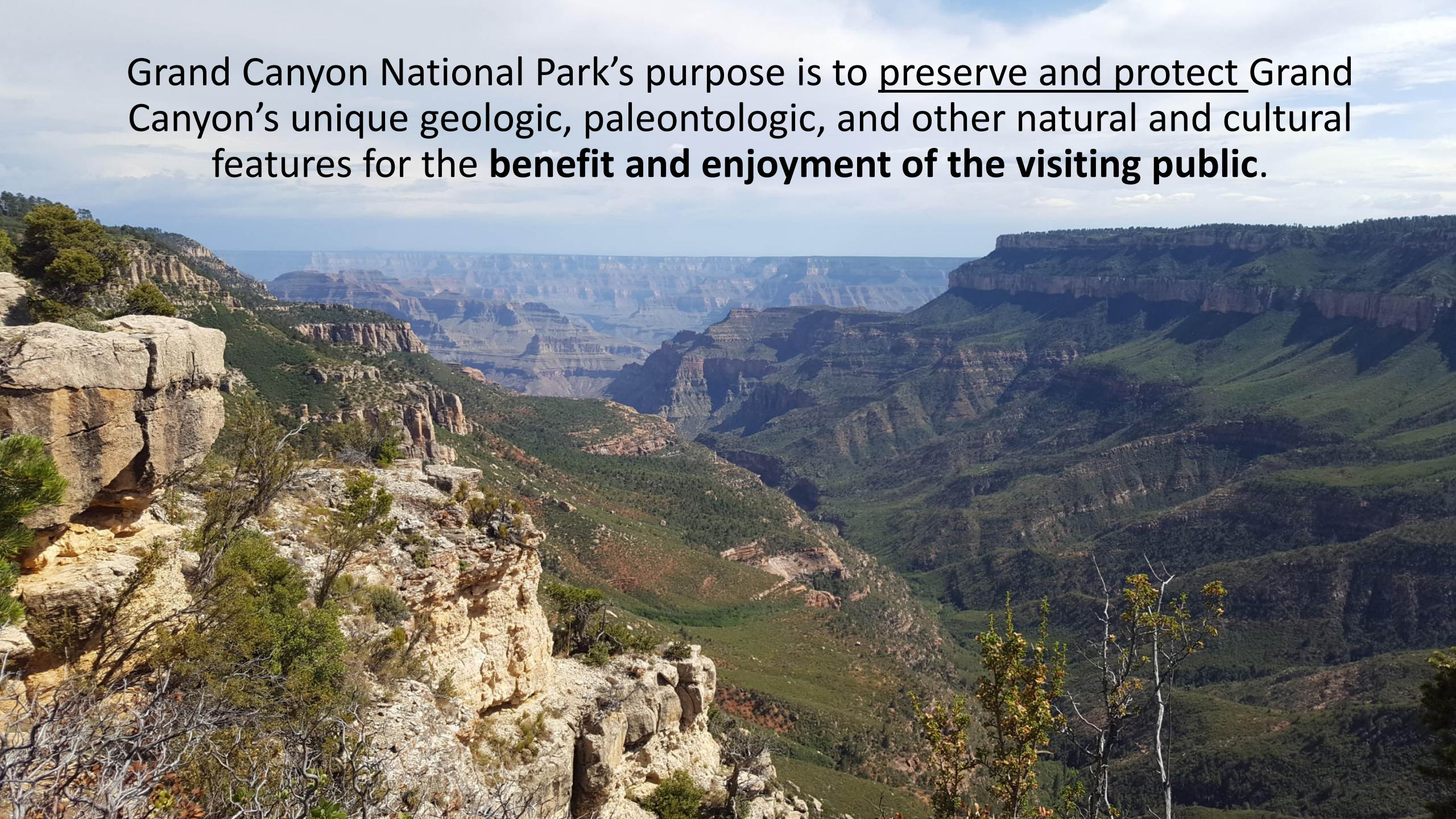
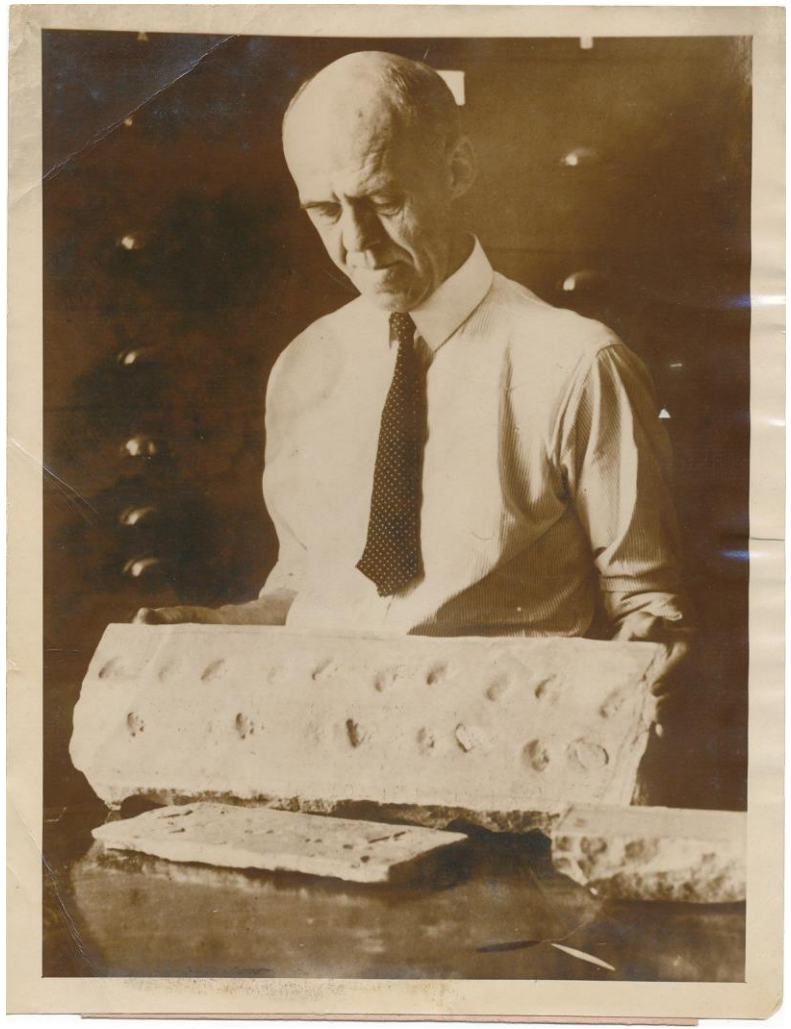
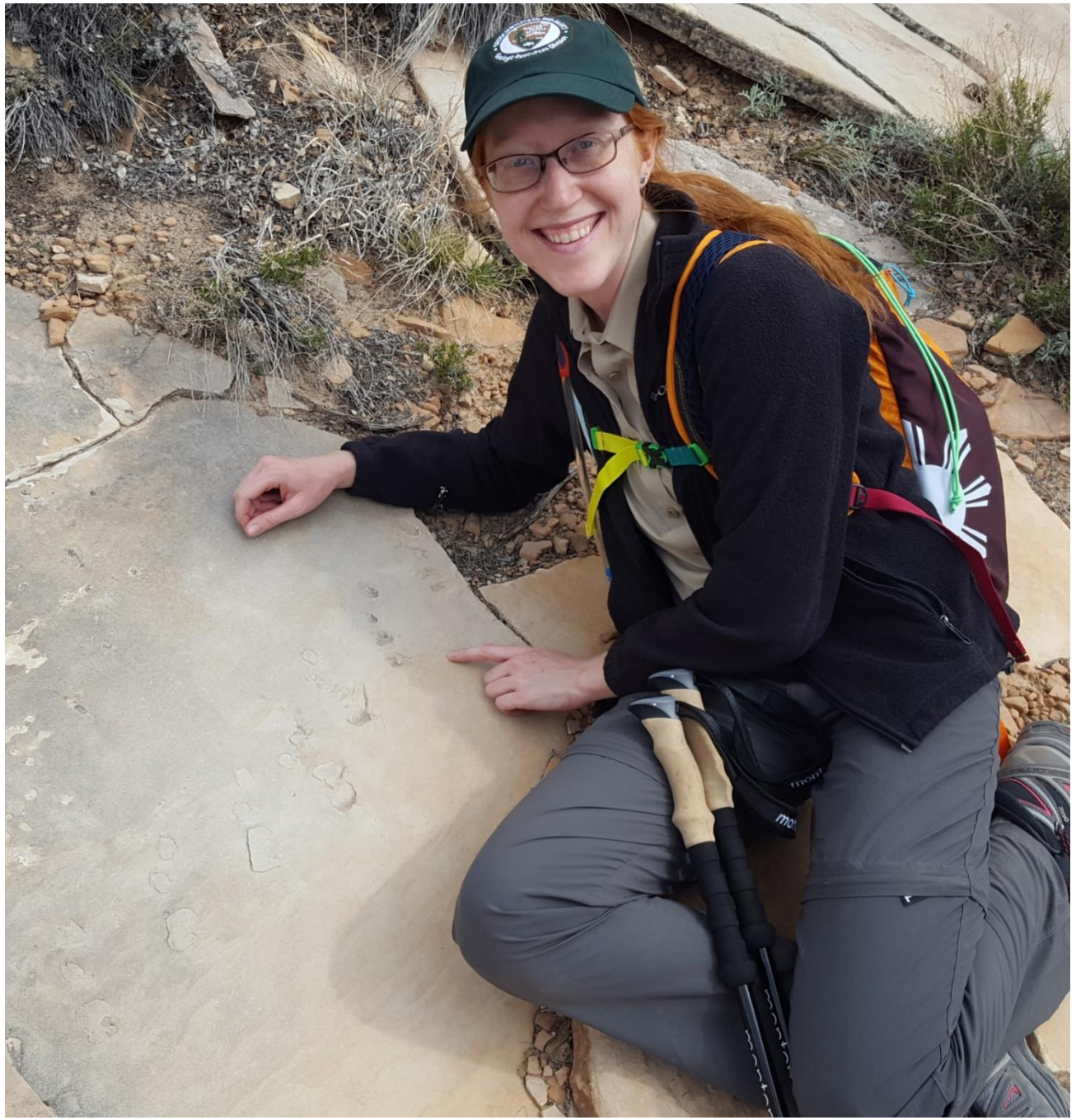


Charles Gilmore (1902-1928)



Hermit Tracksite Exhibit (1924)



Fossil Fern Exhibit (1937)

Fossil Fern Exhibit


Neil Armstrong
Dick Gordon
Donn Eisele
Dale Jackson

Fossil Fern Exhibit (2008)

2019 Paleontology Interpretation

- Fossil Fern Exhibit

2019 Paleontology Interpretation

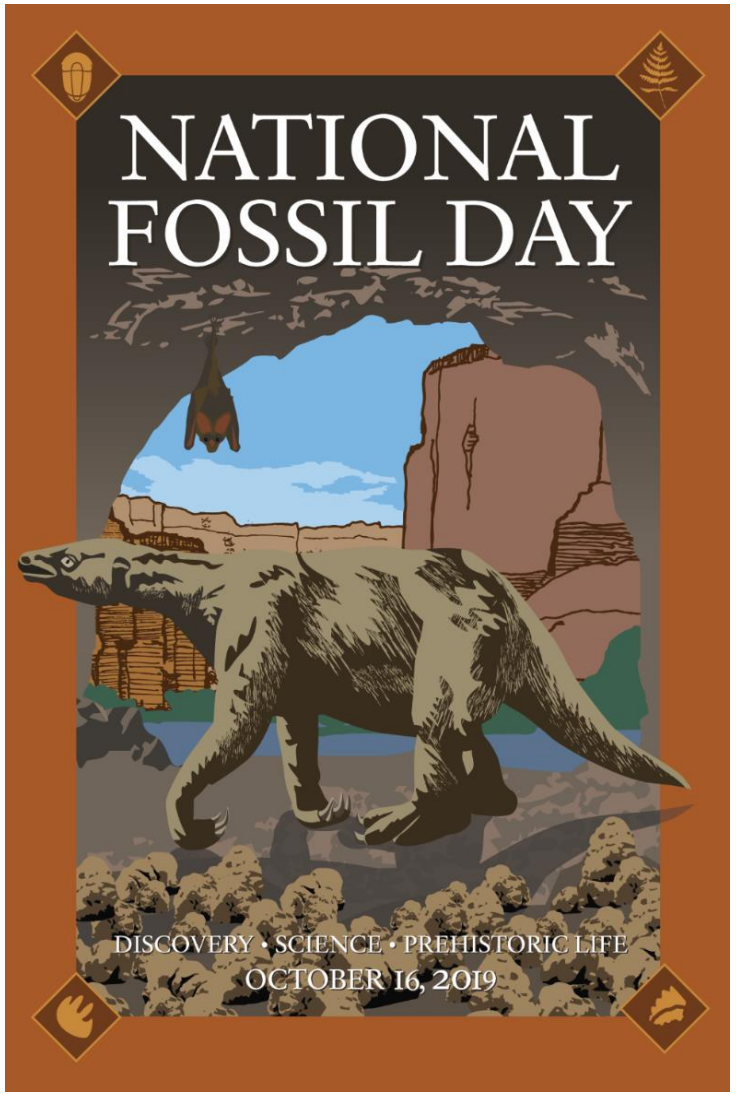
- Ranger Programs
- Curriculum Based
- Distance Learning
- Classroom Ranger Visits

2019 Paleontology Interpretation

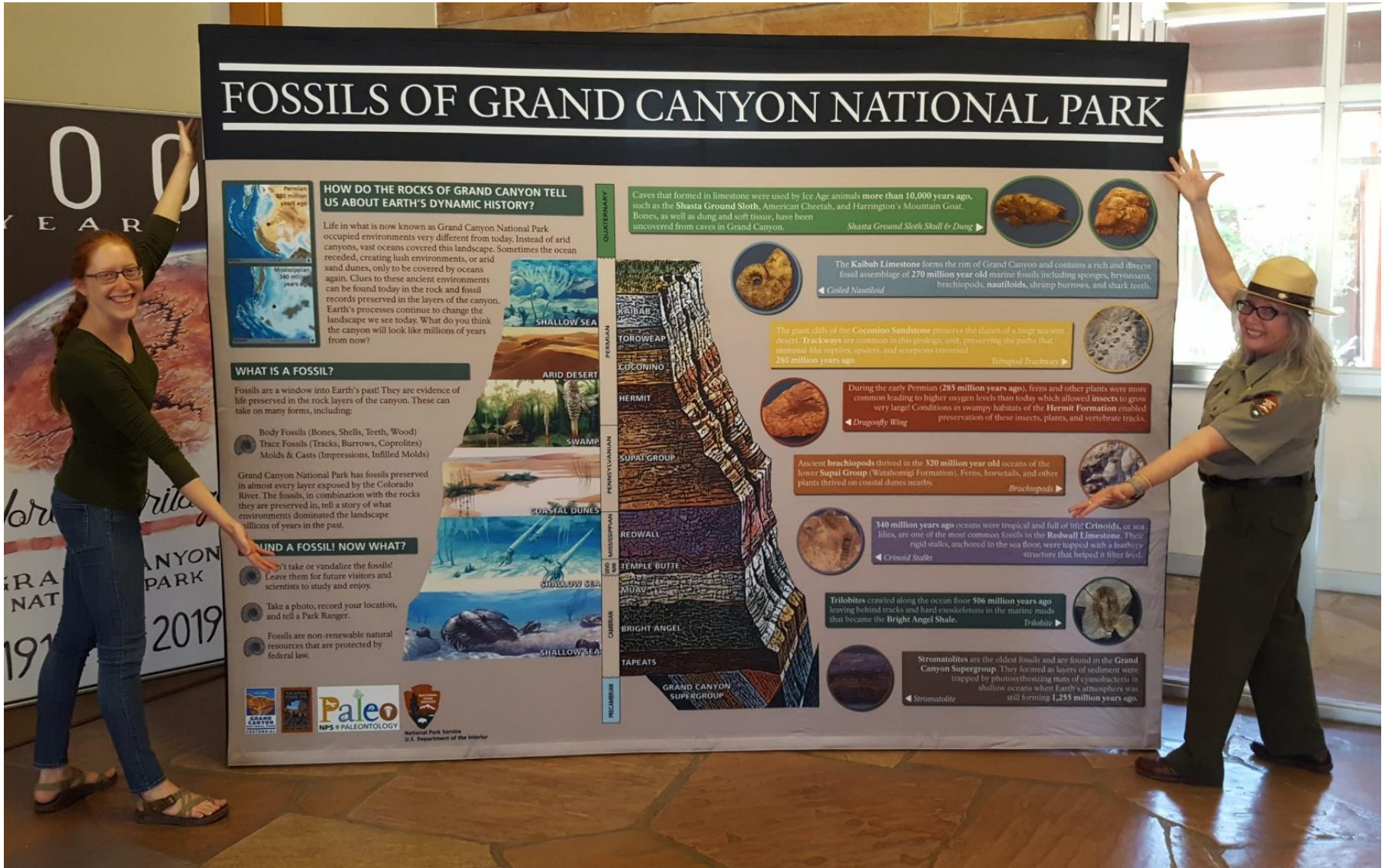
- National Fossil Day Event

Paleo
NPS PALEONTOLOGY

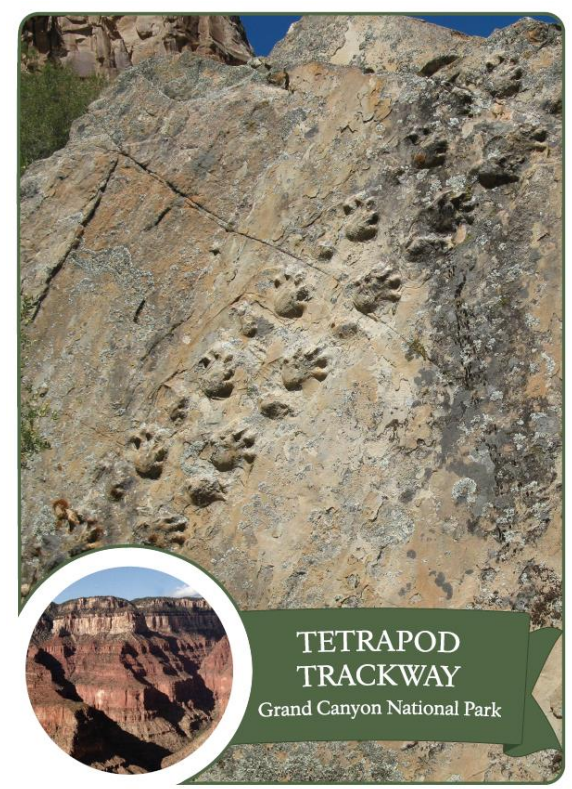
NATIONAL PARK SERVICE

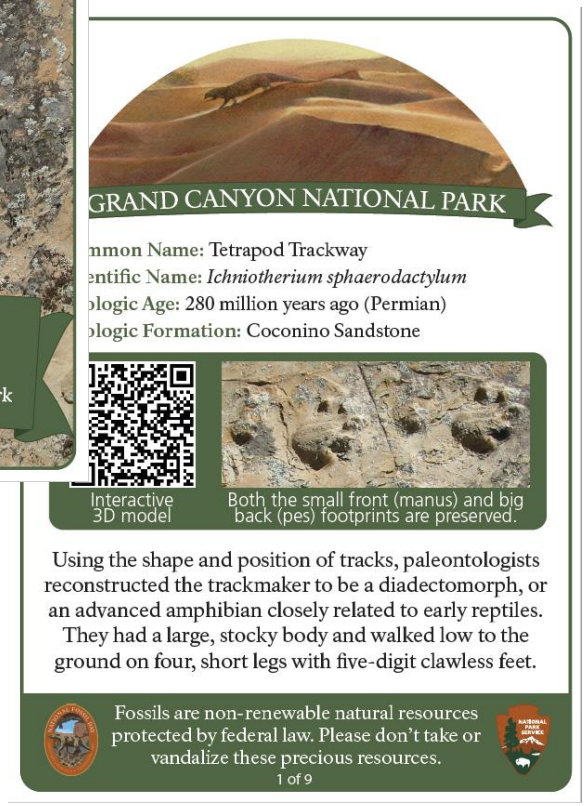


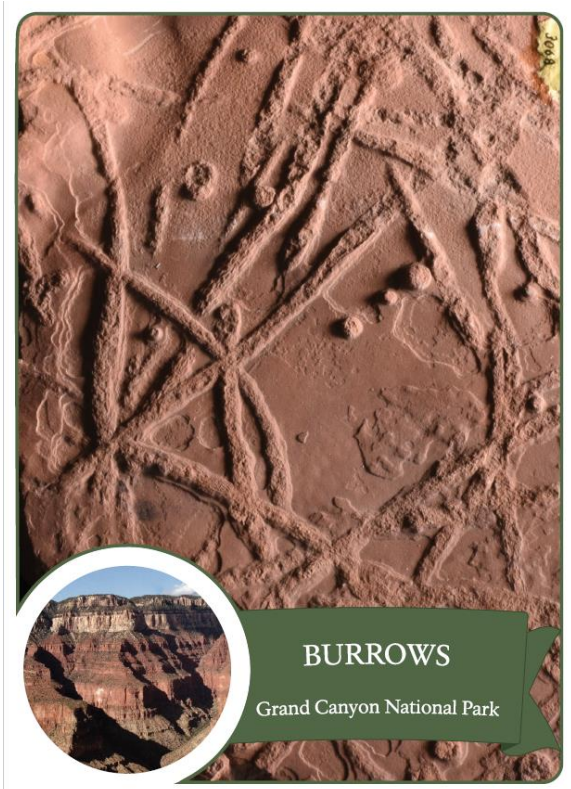
2019 Paleontology Interpretation



2019 Paleontology Interpretation







2019 Paleontology Interpretation

Future Plans

- Monitoring
- More Surveys
- Encouraging Youth – Future Fossil Stewards
- Dedicated NPS Staff


Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has.
- Margaret Mead

Special Thanks

Grand Canyon National Park

Geological Society of America

Grand Canyon Conservancy

Conservation Legacy

Environmental Stewards

Americorps

American Conservation Experience