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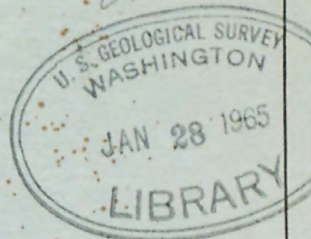
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

OPEN-FILE REPORT



Plant and Miscellaneous Microfossils
from the Parachute Creek Member
of the Green River Formation

by

Robert H. Tschudy
U.S. Geological Survey
Denver, Colorado

1906 - AMS

[1965]

This report is preliminary and has not been
edited or reviewed for conformity with
Geological Survey standards on nomenclature

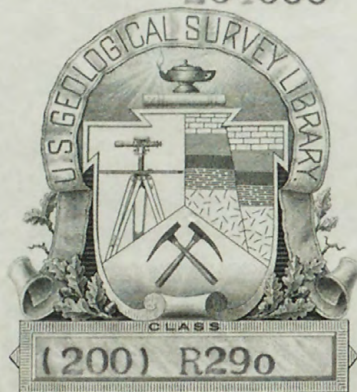
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JUN 28 1967

As a part of continuing studies to provide palynological data from critical sequences for comparative biostratigraphic studies, R. H. Tschudy has analysed the microfossils from a core hole in Mesa County, Colorado. The Parachute Creek Member of the Green River Formation has yielded a fine assemblage of middle Eocene Fossils, including hystrichosphaerids, pteridophyte and fungus spores and gymnosperm and angiosperm pollen.

The samples are from the Collbran Road 1A core hole:
sec. 5, T. 11 S., R. 94 W., Mesa County, Colorado.

Copies of this open-file report and plate enlargement may be obtained for the cost of reproduction from the U. S. Geological Survey Library, Denver Federal Center, Denver, Colorado, 80225.

PLATE 1

EXPLANATION

USGS Paleobotanical locality D1803-1; from Collbran Road 1A core hole, sec. 5, T. 11 S., R. 94 W., Mesa County, Colorado. Middle Eocene.

Figures 1-4: spores of Pteridophyta

5: pollen of Gymnospermae

6-47: pollen of Angiospermae

48-49: probably fungus spores

50-51: Incertae sedis

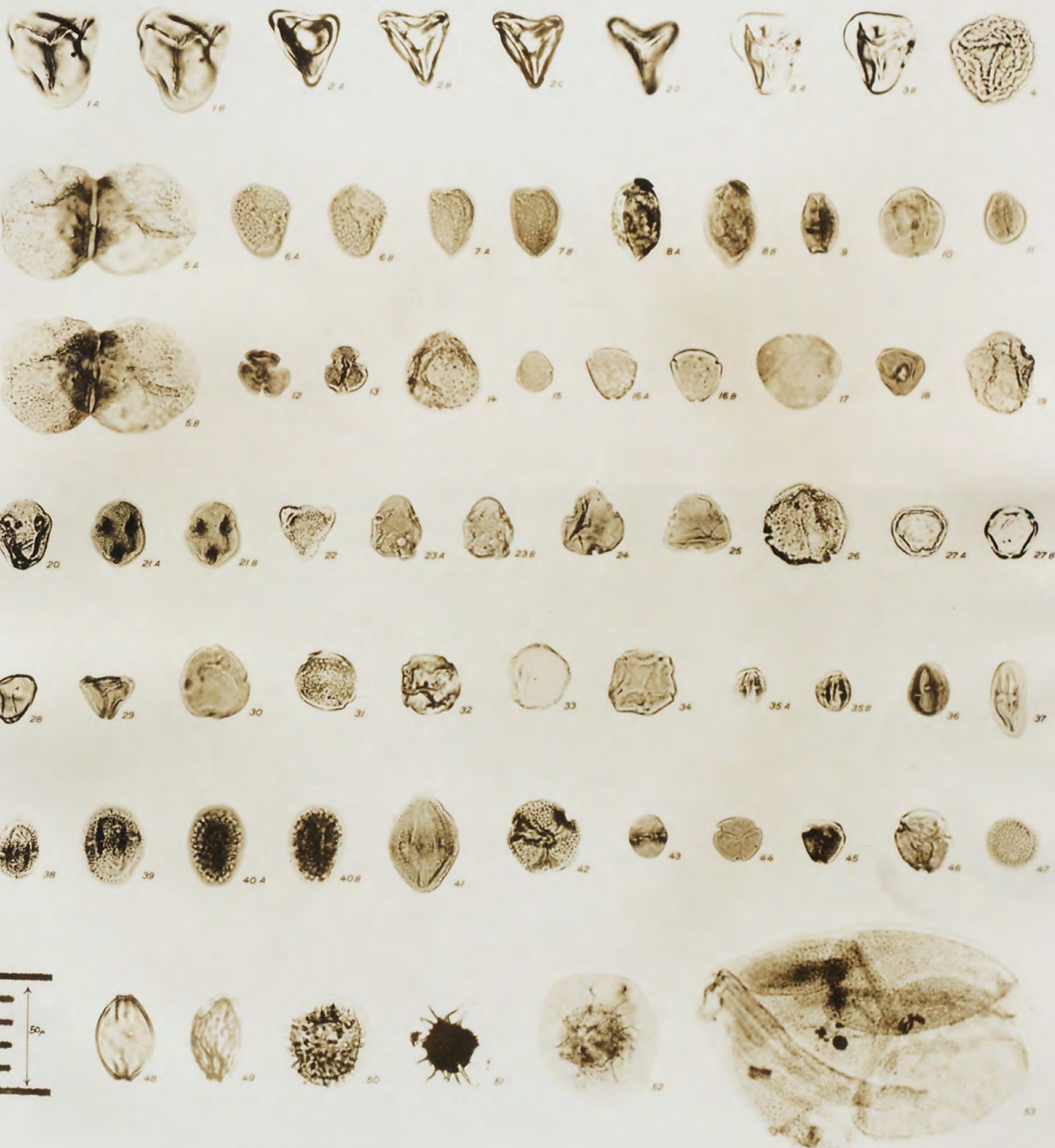
52: Hystrichosphaeridae

53: Angiospermae tetrad (Annonaceae?)

The size of each plate will be approximately 20 x 24 inches, and the figures will be at about 1000X magnification.

UNITED STATES DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

for

*and Miscellaneous*

PLANT MICROFOSSILS FROM PARACHUTE CREEK MEMBER OF GREEN RIVER FORMATION

1 SAMPLE FROM IMMEDIATELY BELOW MAHOGANY LEDGE

USGS PALEOBOT LOC D1803-1 MESA CO COLO (NOT TO BE REPRODUCED)

(200) *US Geological Survey*
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U. S. GEOLOGICAL SURVEY
Washington, D. C.



For release JANUARY 29, 1965

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1. Plant and miscellaneous microfossils of the Pierre Shale, by Estella Leopold and Bernadine Tschudy. 3 pl., 1 p. text, 3 p. plate explanation. Plate negatives (24" X 30") from which copies can be made at private expense are available in the Library, Bldg. 25, Federal Center, Denver, Colo.
2. Plant microfossils of the Hazard No. 7 coal, Perry County, Kentucky, by Robert M. Kosanke. 1 pl., 1 p. text; 1 p. plate explanation. On file in USGS office, 496 Southland Drive, Lexington, Ky. Plate negative (24" X 30") from which copies can be made at private expense is available in the Library, Bldg. 25, Federal Center, Denver, Colo.
- ✓ 3. Plant and miscellaneous microfossils from the Parachute Creek Member of the Green River Formation, by Robert H. Tschudy. 1 pl., 1 p. text, 1 p. plate explanation. Plate negative (24" X 30") from which copies can be made at private expense is available in the Library, Bldg. 25, Federal Center, Denver, Colo.
4. Preliminary report on the geology of the eastern part of the Red-Buffalo Route of Interstate Highway 70, Summit County, Colorado, by M. H. Bergendahl. 10 p., 1 fig. 468 New Custom House, Denver, Colo.
5. Terrain analysis of the lunar equatorial belt, by John F. McCauley. 44 p., 6 pl., 14 figs., 3 tables. 468 New Custom House, Denver, Colo.; 8102 Federal Office Bldg., Salt Lake City, Utah; 602 Thomas Bldg., Dallas, Tex.; 1031 Bartlett Bldg., Los Angeles, Calif.; 504 Custom House, San Francisco, Calif.; South 157 Howard St., Spokane, Wash.; 108 Skyline Bldg., 508 2nd Ave., Anchorage, Alaska.
6. Surficial geologic map of the Fitchville quadrangle, New London County, Connecticut, by Fred Pessl, Jr. 1 map and explanation (scale 1:24,000), 6 photographs, 6 gravel pit data sheets. Room 1, 270 Dartmouth St., Boston, Mass.; Connecticut Geol. and Natural History Survey, Judd Hall, Wesleyan University, Middletown, Conn. Copies from which reproductions can be made at private expense are available in the Boston office.

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7. The geology of the Tertiary rocks of the central and southern parts of the Rosita quadrangle, Colorado, by Peter L. Siems. 11 p., 1 map, scale 1:24,000.



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