

1 On Alveolates in the Eocene
(Danian) Period in America

2 By Dr. William Dawson, Ph.D. F.R.S.

3 The nature of the present
paper is to notice ^{of the genus of pupiparae of Cryptogams} certain specimens ^{& Illinois}
obtained from the Eocene strata of Ohio
and from boulders in the Chicago
boulder clay and in the boulder
clay itself, and ^{which have been} admirably prepared
for microscopic examination by Mr
B. W. Thomas F.R.M.S. of Chicago. I have
however, thought it best to sum

up the present state of our knowledge
in connection with the description of the new species ^{recently studied,}
of the subject, ~~and shall therefore set out~~
~~capitulate the history of discovery, set out~~
~~the mode of occurrence of specimens, and~~ ^{state their}
~~the characters of specimens, and~~ ^{conclude}
~~conclude.~~ (2d) Describe the specimens
more closely examined (3d) Notice the mode
of occurrence (4th) ~~compare them with~~
~~other species.~~ This may be done under
the following heads:

I. Notice the mode of occurrence of specimens, and
state their characters of specimens. ^{conclude}
conclude. (2d) Describe the specimens
more closely examined (3d) Notice the mode
of occurrence (4th) ~~compare them with~~
~~other species.~~ This may be done under
the following heads:

- 1 Recapitulation of the Progress of discovery
in relation to Sponges and their
allies,
- 2 Description of specimens recently studied,
- 3 Mode of occurrence of the specimens
in relation to their origin,
- 4 Classification & description of species,
- 5 General Remarks.

By the
 Editor
 of the
 Journal

The following is a list of the specimens
 which have been examined by me
 in connection with the study of the
 subject of sponges, and which are
 here described for the first time.
 The history of the discovery of
 the sponges of the genus Spongia
 is given in the preceding paper.
 The specimens here described are
 all from the same locality, and
 were collected by the same person.
 They are all of the same size,
 and are all of the same color.
 The following are the names of the
 specimens:

1 Description of the paper
in which the specimens are
described
2 Description of specimens
3 Description of specimens of the
institutions of the paper
4 Description of specimens
5 General remarks

Paper in Manuscript