

Logan, Mo.
26 Dec 1890

Dear Sir

I have just come across the accompanying letter which I wrote to accompany the slab I sent you, but the slab was sent forward before I knew of it, and though late I now send the letter.

I forward it also because I have just made a preliminary examination of the fossil with the microscope

The silicate layers consist of a cloud of minute chambers, which

are connected by very
minute thread like canals,
not always preserved.

In this mass of cells, or
above and below them run
branching canals of
larger size than the little
ones connecting the cells.

These canals sometimes
anastomose and are
mostly horizontal, but
some run upward. The
canals larger and more
sinuous are found -

With the compliments
of the Season

yours very truly

J. M. Matthew.