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Pearl Bearing Unios

F. M. Witter

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lypteroïdes, *Botrychium virginicum*, *Camptosorus rhizophyllus*, *Cystopteris bulbifera*, *Cystopteris fragilis*, *Onoclea sensibilis*, *Osmunda claytoniana*, *Osmunda cinnamomea*, *Phegopteris hexagonoptera*, *Polypodium vulgare*, *Pteris aquilina*, *Pellaea atropurpurea*, *Woodsia obtusa*.

PEARL BEARING UNIOS.

BY PROF. F. M. WITTER.

(No Abstract.)

NOTES ON A FOSSIL WOOD FROM THE KEOKUK LIMESTONE, KEOKUK, IOWA.

BY PROF. C. H. GORDON.

(Abstract.)

Some years since a portion of supposed fossil wood was obtained from an eighteen inch limestone layer about six or eight feet below the Geode bed. It was secured by Mr. S. J. Wallace and placed in the rooms of the Keokuk Library Association. A brief mention was made of it in a letter to the editors of the *American Journal of Science and Arts*, as noted in the May issue of 1878.

It consists of a "section about three feet long, one end of which disappears in the bank and the other apparently taken off in quarrying years before. It is flattened into a thin coaly layer one-sixteenth to one-sixth of an inch thick and twelve inches across, and seems to be separated by pressure into two parts apparently not quite on the same plane." The flattened layer of carbonaceous matter has largely disappeared though enough remains to show its nature, and the cast of the woody fiber in the limestone is well marked.

At one place a leaf scar is quite clearly defined and at others small transverse ridges probably due to pressure. It