

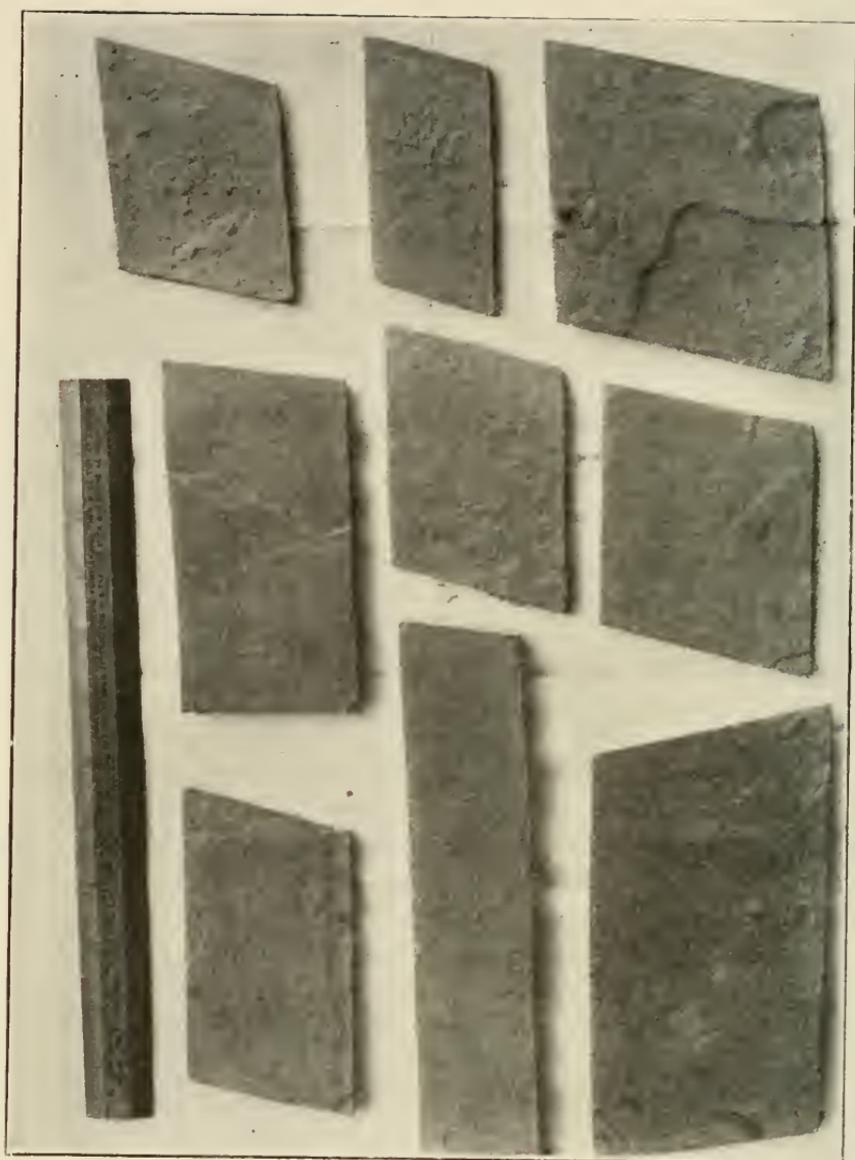
THE OCCURRENCE OF HAND-SPECIMENS OF JOINTED STRUCTURE IN
THE NEW ALBANY SHALE.

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About one and one-half miles northwest of the village of Kent in Jefferson County, Indiana, and near the entrance to Lloyd's Cave, there is an outcrop of the New Albany black shale. This outcrop is found for some distance along the east and west road, and also along the road extending in a northwest direction past the upper entrance of the cave. One stratum of the shale, which is somewhat more indurated than the others, and which is approximately one-half an inch in thickness, furnishes excellent specimens of jointed structure. Both master and minor joints run so close together as to leave the weathered remnants of the shale in pieces from four to eight inches long and from two to six inches wide. The joint planes are approximately parallel, although in some cases there is considerable variation from parallelism.

Such specimens furnish excellent illustrations of jointed structure for museums and for the classroom, and are very convenient. The accompanying photograph shows several typical specimens, as found weathered out and lying on the surface. The relation of master and minor joints and the sharp outlines of the specimens are clearly indicated.

The number of specimens is seemingly rather limited, but further examination may disclose many more. So far as the writer is aware, the occurrence of such perfect specimens of jointed structure in sizes convenient for handling is very unusual if not entirely unique.



Typical specimens of jointed structure in New Albany Black Shale from Jefferson County Indiana.—Photo by Glenn Culbertson, Hanover, Indiana.