

## III.—GEOLOGISTS ASSOCIATION.

July 4, 1919.—Mr. J. F. N. Green, B.A., F.G.S., President, in the Chair.

The following lecture was delivered: "The Geology of the Llangollen District." By L. J. Wills, M.A., F.G.S.

The lecture dealt with the following:—

1. *The General Sequence of Rocks.*—The Carboniferous, the Ludlow and Wenlock (Denbighshire type of Salopian Series), the Tarannon - Llandoverly (Valentian Series), the Ashgillian and Caradocian (Bala Series). Notes on the fossils and zonal divisions and on the igneous rocks.

2. *The General Structure.*—The Carboniferous unconformity, the Llangollen synclorium, the Berwyn and Cynr-y-brain anticlines and the Bala fault, the cleavage and faulting.

3. *The Glacial History of this Part of the Chester Dee.*—The Welsh and Irish Sea ice-sheets in conflict, the phenomena of the retreat of the ice, the changes in the physical geography and effect on the human occupation.

## CORRESPONDENCE.

## THE CARBONIFEROUS LIMESTONE OF THE WREKIN DISTRICT.

SIR,—In the February number of the GEOLOGICAL MAGAZINE, p. 77, Mr. Parsons states that with the exception of one or two references to the Lower Carboniferous rocks of the area made in *Geology in the Field*, there does not appear to be any published description of the limestone of the district.

This statement overlooks the fact that a paper on "The Carboniferous Limestone of Lilleshall" by Wheelton Hind, M.D., F.G.S., etc., is printed in the Trans. N. Staffs Field Club, vol. xxxv, pp. 107-9, 1900-1, giving a section of the beds nearer to Lilleshall Hill, just below the wharf.

And again, some members of the geological section of the same club visited these quarries on a subsequent occasion, and a list of Corals, Crinoidea, and Brachiopoda observed are recorded in vol. xliii, p. 109, 1908-9.

In the same number of the GEOLOGICAL MAGAZINE, pp. 59-64, there is a paper "On the Discovery of a Quartzose Conglomerate at Caldon Low, Staffs" by J. Wilfrid Jackson, F.G.S., and W. E. Alkins, B.Sc. The writers of this paper report a discovery of an exposure of a quartzose conglomerate in a quarry at the Low.

This deposit was discovered in 1905 by members of the Geological section of this club, and the fact recorded in the Trans., vol. xl, p. 85, 1905-6.

F. BARKE,

Chairman of Geological Section of N. Staffs Field Club.

STOKE-ON-TRENT.

June 6, 1919.