ILLUSTRATION SHEET 1

FIG. 15.—ABANDONED QUARRY AT WEST END OF STONY ISLAND.
Shows the dip of the limestone and general smoothness of the rock surface.

FIG. 16.—QUARRY ONE MILE WEST OF ELMHURST WHERE DEVONIAN FOSSILS WERE FOUND.
The small triangular mass in the left center of the picture, to the left of the geological hammer, is filled with Devonian fossils. It is inclosed in Niagara limestone 18 feet below the surface.

FIG. 19.—THE EXTREMITY OF THE LOWER BLASE DALE GLACIER OF DISCO ISLAND, GREENLAND.
Shows the accumulation of drift material beneath an existing glacier.

FIG. 20.—ROCK SURFACE A FEW RODS FROM THE TERMINAL MORAINE OF THE LOWER BLASE DALE GLACIER OF DISCO ISLAND, GREENLAND.
Shows the characteristic grooving and polishing of the surface, due to glaciation

FIG. 17.—A TYPICAL SECTION OF GLACIAL DRIFT FROM THE DRIFT AREA OF NORTH AMERICA.

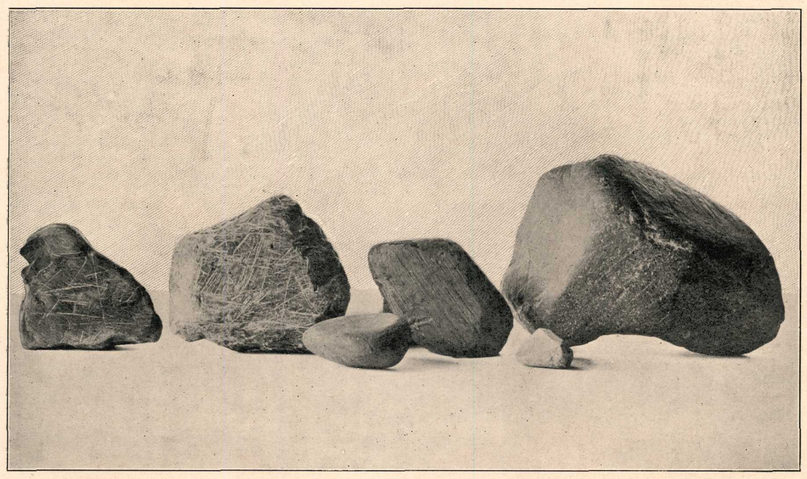

FIG. 18.—GLACIATED PEBBLES FROM THE DRIFT OF CHICAGO.
Characteristic subangular shapes and scratched surfaces.

FIG. 21.—OLD LIMESTONE QUARRY, SOUTH SIDE OF STONY ISLAND.
Shows the general smoothing of the vertical face of the rock ledge by glaciation and the grooving and striation of the slightly overhanging surface beneath.

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FIG. 22.—LAKE CLIFF AT RACINE, WIS.

There is no beach and the waves break at the base of the cliff, causing it to recede. The stratified beds in the upper part of the cliff are lacustrine deposits of the Calumet stage of Lake Chicago.

FIG. 23.—EMBRYONIC DUNE AT SOUTH CHICAGO.

Produced by the sand reed, Ammophila arundinacea. The leeward trail of sand is seen at the left, and wind ripples occur in the foreground.

FIG. 24.—SAND DUNE BURYING THE TREES OF A FOREST ON WHICH IT IS ENCROACHING. DUNE PARK INDIANA.

FIG. 25.—SAND DUNE AT DUNE PARK, INDIANA.

Showing the general level surface and the steep lee slope encroaching on a pine forest.

FIG. 26.—GENTLE WINDWARD SLOPE OF SAND DUNE AT DUNE PARK INDIANA, FROM WHICH THE SAND HAS BEEN BLOWN.

Exposing once buried trees which are being etched by the action of the blowing sand.

FIG. 27.—SURFACE OF DUNE, DUNE PARK, INDIANA.

Showing destruction of the reforested growth by the moving sand.