Dr. Wm. Clark of Berea, Cuyahoga Co. O., has a very interesting collection of fish fossils—some of them, probably, the most important known to science. These fossils were found in Middleburg Tp, Cuyahoga Co, which has been hitherto considered as in a non-fossiliferous district. Among them are Titanichthys found in Cleveland Shale.

Os Hyoid bone 32” x 32” longest and widest points.
2 Bones 10” x 26”. Supposed by some to be part of the jaw; by others, paddle-like, terminating in irregular form. Those supposed to be Cranial bones measure as follows:

Width 62”. Length 73”. Mandible 58”
2 Coprolites—largest being 4” long x 2 1/2”

Titanichthys Clark & Clev. Shale described by Prof. Hensby in Govt. Monograph of fossil fishes now in course of preparation.

Head 51” wide. Nasal line 17” long, & a mass of bones belonging to head—position not-known.
3 Dorsal plates 416” wide Consisting of 1 medium + 2 laterals.
1 Pair Mandibles 34” long in straight line + 5 1/2” wide, perfect.
1 Pair imperfect—Mandibles + Head—nearly large as above.
36 to 40 irregular bones belonging to same, + varying from 3” to 20” in length, one form of them articulating head, 4” in diam. 
1 Tooth 4” long x 2 1/2” base + 1” thick at thickest part.
2. Specimens of Cladodus Concentricus, jaws - head bones, fin rays + teeth.

3. Specimens Cladodus Pascualis including teeth, jaws, Cranial bones + fin rays.

1. Specimen Cladodus species unknown.

1. Specimen - Species unknown carrying pair lateral fins in position.

1. Specimen Stenacanthus Clarki.

Portion of spine + shagreen, on one slab.

1. Specimen Stenacanthus Clarki, large fin + spine + bones attached (fin measuring 7" x 8").

5-Plates Trachostus Clarki tuberculated.

Plates highly ornamented + terminating in spines.

1 pair mandibles measuring 8" long, with teeth attached.

1 perfect eye orbit; 1" diam.

1 imperfect eye orbit - Cranial bones - Supposed to be Cladodus Pascualis, found in Cuyahoga Shale.

2 masses containing jaws, teeth + Cranial bones.

10 slabs Cladodus Pascualis with bones + teeth.

7 slabs containing bones carrying fins.

1 pair fins detached.

1 dog Pcs. carrying bones - position unknown.

2 large spines unknown.

2 large spines Stenacanthus forms cranus - one being 16½" long.

Mass of 10 or 12 imperfect spines.

Assortment of 12 to 15" small Coprolites.
20. pavement-teeth 1½ to 2½" long
75 to 100 smaller teeth of different species
Mass of undclassified bones
2 fish perfectly preserved 4½" + 2½" long - carrying fins + scales - the longest one possessing strong reptile-
on characteristics

1. Specimen Paleoniscus Bronnii. found in Berea Sandstone
10" long, carrying fins, scales + e

Specimens found in Corniferous Limestone. Kelly Island
Complete as shown in Palaeontology of Ohio. to wit -
1. Cramium Macropetalichtys Sullivan
   Complete head measuring 6" x 8"
1. dorsal + 1. lateral nearly perfect
Ornicheldus. 5 jugular plates
1. Small spine supposed to belong to same
1. Small jaw with 9 teeth
3. Teeth of the Intermandibular Crest
5 spines Acanthaspis Amatus showing external view
1 spine do do do do internal do
2 Acanthaspis plates species unknown, one showing external
+ the other showing internal view
1. Cranial plate Acanthaspis
1. Tooth of Rhynchodus Secans
12 pcs bone undclassified
7. Specimens fossil fish from Coal + Sestuary deposits
to Plate: tuberculated fish fossils from Delaware &
A large Collection of red Carboniferous fossils, many,
according to Prof. Otho, Claypole + others, erected for
mineralogy to Science
Everything belonging to the fossil group, embracing
many new species of the red Carboniferous according to
Claypole; + fine as any ever seen

A large assortment of very fine vegetable impressions
embracing 25-30 different species of plants from Cuyahoga.
Small Collection of rare Indian Relics
Mr. Clark's fossil fish specimens will cover
from 175 to 200 sq ft - Shelves

Several Colleges have endeavored to secure this Collection
+ large sums have been offered for single specimens.
but I have induced Mr. Clark to refuse all negotiations
until an opportunity is given to secure it for
Smithsonian Institute, my opinion being that, if
it is remarkable as represented to me, it should
belong to our National Museum

U E Van Tyne
of Obeslin O
Oberlin, O.

Van Tuyn, N. C.

Says Dr. William Clark of Berea, O. has very interesting collection of fossil fossils, and they are for sale.

June 28, 1877

Respectfully referred to Prof. O. C. Marsh

Lydeker

R. C. Morris

1067. A. E. Reek