Pictures taken while vacationing near Alpena, 4 miles E of Thunder Bay, Thunder Bay Formation 1958.

Partridge, 4 miles S of Alpena, 3445
4 miles S of Alpena, Thunder Bay River at 4 mile Dam, 3439, Thunder Bay Formation via Rockport Oq, Alpena Co.

3438 Contact of Bell Shale with Rockport Finestone at Rockport Quarry, Alpena Co.
Boxes 16-17 - Michigan
1962

3441 Leasheow Formation
Parkette Farm, Alpena Co.

3442 Kellogg Formation
Typanacation, Alpema Co.

3461 - Bell shale filling
Cave in Rogers City Limestone
Calcite (Rogers City), Michigan

1964 Washtenaw Mich.

3453 Chickewaik Formation

3452 Gravel Point Formation
Peterskey Mich.

3451 Same

3443 Potter Farm Formation
Near Orchard Hill, Alpema Co.

1967

Rogers City Limestone, Quarry
at Calcite, Rogers City, Mich.
All slides of Michigan Devonian were made in private trips with G. M. Ehlers of U. of Michigan in the years indicated. All localities were described by Cooper and Warthin in several papers on the Devonian of Michigan.

Cooper + Warthin, 1941, 1942
Warthin + Cooper, 1943.
Michigan 1958-1959
1962
Thunder Bay Formation
Partridge Pt, Alpena, Mich
Thunder Bay River at 4-Mile Dam

4-Mile Dam LS
Alpena
Ehlers 1958 Mich
Thunder Bay f.m.
Partridge Point, E. of Alpena, Michigan 1959
Collapse or Cavern filling of Bell shale in Rogers City Is., Calcite, Mich.
Killians Type Section
Alpena Co
9/10/62
Grenshaw - Rabiteau farm
0.9 mi. N of Alpena line,
end long lake
Koger's City 151 S. 1st Street, M ranch
Filling of Bellshade in
Collapse of Cane Run
Fishing Point from about 1/2 miles
Port Shepstone - south
Dixie Cement Co. Plant
Dike Cement Co. Quarry
Gravel Point fm. 1 mi. w
West of Petoskey, Michigan

29/10/62
3452

Made in U.S.A.
Gravel Point Fm
Penn-Dixie Qy, Petoskey
Mich
Gravel Pt. - Upper Blue Pet. Port Cem Co. Py, Petoskey, Mich
Michigan, 1964, 1967
Potter Farm near Orchard Hill - near road cut - Mich. 1964
Stromatopora in Putter Farm near Orchard Hill, Mich 1964
Canals in Potter Farm
near Orchard Hill
Mills 1964
Quarry 16 of Petoskey
Shore of Lake Michigan
in Auvelaiso Formation
Atype bed of Gravel Pk. Penn Dixie Org.
Petoskey, Mich. 1964
By Dixie Cement Co.
Petersberg, Mich.
1964 - Branch P't. Jr.
Travel PR fm. - Penn - Dixie Co. Qy. / Petoskey, Mich. 1964