INIAN LIFE IN THE UPPER GREAT LAKES REGION (11,000 B.C.-1,500 A.D.)

This is the subject of a book by G.I. Gannam, just published by the U. of Chicago Press ($5.95) which covers these time-intervals:

11,000-10,000 B.C.-Port Huron

10,000-9,000 B.C.
   Two Creek Inter-stadal

9,000-8,500 B.C.
   Valders Glacial Advance

8,500-7,000 B.C.
   Valders Retreat

7,000-4,500 B.C.
   "Terminal Glacial period"

5,000-1,500 B.C.
   Old Copper Culture, using Cu
   from Lake Superior pits to cold
   hammer and anneal axes, pikes,
   knives, awls, needles, drills.
   This metal industry antedated the
   metal industry of Bolivia & Peru
   where gold was first worked for
   ornaments.

5,000-500 B.C.
   Boreal Archaic Culture: polished
   stone axes, adzes, gouges to make
   houses, canoes, utensils of wood.

1,500-500 B.C.
   Lanceolate points: deer, elk, caribou

500-100 B.C.
   First pottery.
   Two kinds of pottery (a) thick-walled,
   cord-marked, fabric-impressed;
   (b) thin-walled, dentate and rocker-
   dentate.

100 B.C.-700 A.D. Hopewellian Culture, south of the present 150-
day frost-free season no limit.

700-1,600 A.D. Late Woodland period with many cultures, including the Effigy Mound culture.

1,600-1,920 A.D. The final disruption by invading Europeans of the Indian biological-culture continuum which had for 13,000 years successfully survived by adjusting to deglaciation, extinction of the mastodon, and conflicting movements of various Indian tribes.

TALL AUGERINGS

(A SOIL SURVEY HORIZONS cartoon)

"This is too much! Soil correlation is full of uncertainties at best. But when even the krotovinas appear in the form of question marks...!

Dear Editors of SOIL SURVEY HORIZONS: Deadline Feb. 1, 1961

Sure, I am sending you herewith some material to be used in SOIL SURVEY HORIZONS ----

☐ News (about people and activities).
☐ Book review.

☐ Discussion of work in progress.
☐ Joke, Cartoon.

☐ Highlights of work just completed.
☐ Suggestions.

Name ........................................Address...............................

Typing, with black ribbon, in columns 2.75" wide is best copy.