THE DUWEL-HOYING FARM COLLECTION IN SHELBY COUNTY, OHIO

by

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Late Archaic (5,000 - 2,500 BP)
The Red Ocher culture is represented by the tip of a Turkeytail point in Figure 20. This artifact was broken, then burned in a fire so hot that the gray Wyandotte chert turned reddish brown and became pitted by numerous pot-lid fractures.

Early Woodland Period
(2500 BP - 500 BP)
The points in Figure 22 reveal that although Adena occupation was light, it continued from early to late in the Adena period. Raw materials used include heat-treated tan (red) chert, black and gray Coshocton flint, Boyle chert, and Flint Ridge flint.

Middle Woodland Period
(Hopewell, 2200 BP - 1500 BP)
The points in Figure 23 indicate the presence of "high church" Hopewell, as almost all are made of fine Flint Ridge flint. The Hopewell pendant in Figure 24 is made of red banded slate. The stone ball in Figure 25 may have been a flint-working tool or a game piece. A number of them have been found on Hopewell sites in central Ohio.

Intrusive Mound (1500 BP - 1000 BP)
Thin and delicate corner-notched and side-notched points (Figure 26) indicate the presence of the people who intruded their burials into the tops of Hopewell mounds.

Fort Ancient (1100 BP - 400 BP)
The four triangular points in Figure 27 indicate that Ft. Ancient people ventured on hunting expeditions north of their gardens in the southern half of Ohio. They used the nearest available chert for their points, which in this case, was earthy Four-Mile-Creek chert.

Knives
Knives cannot be dated to any specific culture. The flint used for the knives in Figure 29 and 30 includes Coshocton, hornstone, Flint Ridge, Indiana Green (Atica), and heat-treated Silurian chert. Knives were recycled. Flint was hard to get, so when knives became expended, they were fashioned into scrapers.

Flint Disc and Polished Stone
Little is known about the flint disc in Figure 31, except that several have been found on Hopewell sites. Occasionally highly-polished pebbles are found, like the one in Figure 32. The surface sheen indicates that this small stone may have been carried for a long period of time, perhaps in a medicine bag.

Conclusion and Recommendations
The Duwel-Hoying assemblage will long remain complete and available for further analysis, as Louis continues to preserve and add to the collection. It would be informative to compare a similar farm collection to the north, across the divide, in the drainage of Lake Erie.
Figure 1 (Holzapfel) Fluted point on left measures 1 3/4 inches long and is made of Upper Mercer flint. Second is Four-Mile-Creek chert, and third, heavily patinated, appears to be Burlington chert from Illinois.

Figure 2 (Holzapfel) Burnisher.

Figure 3 (Holzapfel) Thin, delicate lanceolate. Lateral grinding extends 1 3/4 inches.

Figure 4 (Holzapfel) Side-notch points, most worn to exhaustion. Carter Cave example probably special purpose tool.

Figure 5 (Holzapfel) Small serrated corner-notch points.

Figure 6 (Holzapfel) Bifurcated points. Center artifact measures 3 1/4 inches long.

Figure 7 (Holzapfel) Fox Valley point, extremely thin.

Figure 8 (Holzapfel) Unusual type of bifurcated point. Tan chert.
Figure 9 (Holzapfel) Corner-notched points made of tan chert, Indiana hornstone, and possibly Delaware chert.

Figure 10 (Holzapfel) Shallow side-notch points made of heat-treated chert.

Figure 12 (Holzapfel) Heavy Duty points. Flints: Upper Mercer, tan chert, Indiana hornstone.

Figure 13 (Holzapfel) McWhinney points

Figure 14 (Holzapfel) Dovetail made of Flint Ridge chalcedony.

Figure 15 (Holzapfel) Fine pentagonal point.

Figure 16 (Holzapfel) Miami River Pentagonal points made of Logan County chert. Used to exhaustion.
Figure 17 (Holzapfel) Three-quarter grooved hammers.

Figure 18 (Holzapfel) Gouge. Weathered surface.

Figure 19 (Holzapfel) Axes and slate celt.

Figure 20 (Holzapfel) Tip of heavily burned Turkeytail point.

Figure 21 (Holzapfel) Expanding stem point. Glacial Kame?

Figure 22 (Holzapfel) Early to Late Adena points.

Figure 23 (Holzapfel) Hopewell points.

Figure 24 (Holzapfel) Red slate pendant.
Figure 25 (Holzapfel) Stone ball.

Figure 26 (Holzapfel) Intrusive Mound points.

Figure 27 (Holzapfel) Triangular Ft. Ancient points.

Figure 28 (Holzapfel) Ft. Ancient pipe made of limestone.

Figure 29 (Holzapfel) Knives.

Figure 30 (Holzapfel) Large knives made of Four-Mile or other Silurian period chert.

Figure 31 (Holzapfel) Flint disc.

Figure 32 (Holzapfel) Highly polished pebble.