NOTE ON THE EARLY DURANGO COLLECTIONS

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During 1938 to 1945 several hundred specimens from the Durango area were sent to me from the collections of E. H. Morris, I. F. Flora, and others. A considerable number were readily dated by comparisons with the long chronology already developed in northeastern Arizona. These gave definite dates to several pithouse ruins about 10 miles north of Durango. Among these was IGN 7:31, close to the Carnegie-Morris camp of 1939 with building dates in the 750's A. D. IGN 7:36 and 7:23 were in the same general area and time. The dating of these three was complicated by the use of immensely old scopulorum junipers showing in many fragments ring dates in the 200's A. D. Sites IGN 12:1 and others were in the same class. The largest single contributing ruin was IGN 7:101, Floor 1, which was dated near A. D. 320, with many fine Douglas fir specimens extending a chronology back to A. D. 176. Small specimens from the Fall Creek Caves were awaiting attention when increased research in climate, war-related, demanded full time.

By the beginning of 1948 it was evident that I could not hold these valuable specimens back from proper study, and the entire collection was handed over to Edmund Schulman, who is using them in developing long, strong, quantitative ring records.

The following references include photos of early Durango ring records:
Tree-Ring Bulletin 8:14, 1941, and 9:21, 1943; Researches in Dendrochronology, Univ. Utah Bull. 37 (2), 1946, p. 11.

EARLY CHRONOLOGIES IN THE SAN JUAN BASIN*

EDMUND SCHULMAN

COLLECTIONS AND DATING

Early in 1948 the entire set of dated specimens from northeastern Arizona was minutely reviewed and mean standardized growth curves derived separately for Douglas fir and pinyon pine. Short individual ring series were not included, in general. All of the longer and most sensitive specimens from the Durango area in southwestern Colorado were also measured, reduced to mean growth curves, and with the northeastern Arizona material are presented in full in Figure 1.

*Fifth report on quantitative master chronologies in the Pueblo area. For previous reports see Tree-Ring Bulletin: 12 (3) and table in 14 (1) ; 14 (2) ; 14 (3) ; 15 (1/2).