

SOUTHWESTERN DATED RUINS: III(1)

By JOHN C. MCGREGOR

Site No.	Name	Section	Cultural Stage	No. of Specimens	Range of Dates
N.A.2637	Calamity Cave	Nokai Can.	Pueblo III	1	1275
N.A.2507	Swallows Nest	Tsegi Canyon	Pueblo III	1	1249
N.A.2519	Kiet Siel*	Tsegi Canyon	Pueblo III	30	1116+x-1248±2
N.A.2521	Turkey House	Tsegi Canyon	Pueblo II-III	1	980±6
N.A.2536	Twin Caves	Tsegi Canyon	Pueblo III	17	1110+x-1280±2
N.A.2542	Pithouse	Tsegi Canyon	Pueblo II	1	1018
N.A.2543	Ladder House	Long Canyon	Pueblo II?	2	1064±5-1067±10
N.A.2630	Ken-a Ki	Dogozshibito	Pueblo II-III	2	1224-1230±3
N.A.2531	Bat Woman	Dogozshibito	Pueblo III	2	1275
N.A.2530	Loloma Ki	Dogozshibito	Pueblo III	1	1278
N.A.2606	Unnamed Site	Dogozshibito	Pueblo III	1	1275
N.A.2515	Betatakin*	Betatakin Can.	Pueblo III	1	1267
N.A.2185	White House*	Canyon de Chelly	Pueblo III	1	1075
N.A. 405	Wupatki*	Wupatki N. Mon.	Pueblo III	49	1084+-1197
N.A. 538	Nalakihiu*	Wupatki Nat. Mon.	Pueblo III	8	1183
N.A.2800	(Pithouse)*	Baker Ranch	Pueblo I	4	680+x-792±
N.A.2551	(Pithouse)*	Baker Ranch	Pueblo I	1	685+x
N.A.2798	(Pithouse)*	Baker Ranch	Pueblo I	12	710+x-927+
N.A.1925 B	(Pithouse)*	Bonito Terrace	Pueblo I	2	840-855
N.A.1920 B	(Pithouse)*	Bonito Terrace	Pueblo I	1	860
N.A.2002 A	(Pithouse)*	Medicine Valley	Pueblo II	18	914+x-1115
N.A.1238	(Pithouse)*	Medicine Valley	Pueblo II	5	926-1066
N.A. 862	(Pithouse)*	Medicine Valley	Pueblo II	21	904+x-1061
N.A.1570	(Pithouse)*	Medicine Valley	Pueblo II	3	941-1046
N.A. 863	Medicine Cave	Medicine Valley	Pueblo II	1	1025
N.A.2001	(Pithouse)*	Medicine Valley	Pueblo II	6	825+x-965
N.A.1625 B	(Pithouse)*	Medicine Valley	Pueblo II	2	879+x-927
N.A.1680	(Pithouse)*	Medicine Valley	Pueblo II	-	880+x-909±10
N.A.1625 C	(Pithouse)*	Medicine Valley	Pueblo II	7	777+x-947±10
N.A.1244 B	(Pithouse)	Medicine Valley	Pueblo II	2	817-821
N.A.1814 A	(Pithouse)	4th Terrace	Pueblo II	3	907-927
N.A. 192 B	(Pithouse)	Deadman's Flat	Pueblo II	2	910-924
N.A. 408	(Pithouse)*	Jack Smith Tank	Pueblo II	6	824+x-908+x
N.A. 534	Small Site	Winona	Pueblo III	1	1246
N.A.2134 A	Winona Village	Winona	Pueblo II-III	9	1100-1131
N.A.1531	Elden Pithouse*	Flagstaff	Pueblo I	3	708+x-855
N.A. 322	Cliff Dwellings	Walnut Canyon	Pueblo II	4	888-1094

(1) (Dated for the Museum of Northern Arizona. A number of these early pieces were in relatively moist ground and had lost their sapwood by decay; hence the "+x" may be large. For further discussion see "Dating the Eruption of Sunset Crater, Arizona", by John C. McGregor in *American Antiquity*, Vol. II, No. 1, pp. 15-26; July, 1936. A.E.D.)

* See also other installments of this series.

TREE-RING DATING: FACTORS PERTAINING TO ACCURACY

By WALDO S. GLOCK

Since unerring accuracy is the prime desideratum in dating by tree-rings of ancient Indian dwellings and of climatic changes indicated in the rings, it may be well to summarize briefly the pertinent observations of the last few years. Much of the information here given came from a forest-border ponderosa pine (OL-12) which was almost completely dissected. In particular, statements concerning locally present and missing rings, doubles, and branches depend largely upon that tree.

The sequence of rings in OL-12 was found more likely to be complete in mid-tree or slightly above. In other words, absences of rings were more common in the upper and lower parts of the trunk. Hence