

Supplemental Table 1. Large Classic Maya Center Dataset

Site	Discovery date	Earliest Reference
Aguateca	1967	Graham, Ian (1967)
Altar de Sacrificios	1908	Maler, Teoberto (1908a)
Altun Ha	1965	Pendergast, David M. (1965)
Becan	1943	Ruppert, Karl and John Denison (1943)
Bonampak	1947	Healey, Giles (1947)
Cahal Pech	1949	Satterthwaite, Linton (1949-53)
Calakmul	1933	Lundell, Cyrus L. (1933)
Cankuen	1908	Maler, Teoberto (1908a)
Caracol	1951	Satterthwaite, Linton (1951)
Chichen Itza	1843	Stephens, John L. (1843)
Coba	1926	Gann, Thomas (1926)
Copán	1841	Stephens, John L. (1841)
Dos Pilas	1960	Vinson, George L. (1960)
Dzibanche / Tzibanche	1928	Gann, Thomas (1928)
El Peru / Waka'	1971	Graham, Ian (1971)
El Pilar	1841	Stephens, John L. (1841)
Holtun	1995	Ponciano, Erick M. (1995)
Ichpaatun	1926	Gann, Thomas (1926)
Kabah	1843	Stephens, John L. (1843)
Kaminaljuyo	1926	Gamio, Manuel (1926-27)
Lubaantun	1925	Gann, Thomas (1925)
Machaquila	1967	Graham, Ian (1967)
Naranjo	1908	Maler, Teoberto (1908b)
Nohmul	1918	Gann, Thomas (1918)
Palenque	1822	Del Rio, Don Antonio and Paul F. Cabrera (1822)
Piedras Negras	1892	Chambon, Louis (1892)
Quirigua	1841	Stephens, John L. (1841)
Sayil	1843	Stephens, John L. (1843)
Seibal	1908	Maler, Teoberto (1908a)
Tikal	1853	Ritter, Karl (1853)
Tonina	1841	Stephens, John L. (1841)
Uaxactun	1916	Moreley, Sylvanus (1916)
Uxmal	1838	Waldeck, J. (1838)
Xunantunich	1894	Gann, Thomas (1894-95)
Yaxchilan	1883	Maudslay, Alfred (1883)
Yaxha	1908	Maler, Teoberto (1908b)

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Supplemental Table 2: Proboscidean Kill/Scavenge Site Dataset.

Site and Locality	Discovery	
	Date	Reference
Ealing	1889	Brown 1889
Torralba	1913	de Cerralbo 1913
Dent	1933	Figgins 1933
Blackwater Draw, Mammoth Pit	1937	Cotter 1937
Miami	1938	Sellards 1938
Lehringen	1951	Adam 1951
Iztapan I	1952	Martinez del Rio 1952
Naco	1953	Haury 1953
Iztapan II	1956	Aveleyra Arroyo de Anda 1956
Lehner	1959	Haury et al. 1959
Skarlatki	1962	Chmielewski and Kubiak 1962
Domebo	1964	Haynes 1964
Ambrona	1966	Howell 1966
Blackwater Draw, El Llano Dig No.1	1966	Warnica 1966
Zoo Park	1967	MacCalman 1967
Murray Springs	1968	Haynes and Hemmings 1968
Escapule	1969	Hemmings and Haynes 1969
Mwanganda's Village	1970	Clark and Haynes 1970
Nowa Huta	1970	Kozlowski et al. 1970
FLK North Upper Bed I	1971	Leakey 1971
FLK North Lower Bed II	1971	Leakey 1971
Lubbock Lake	1974	Johnson 1974
Colby	1976	Frison 1976
Taima-Taima	1978	Bryan et al. 1978
Manis Mastodon	1979	Gustafson et al. 1979
La Cotte de St. Brelade, Level 3	1980	Scott 1980
La Cotte de St. Brelade, Level 6	1980	Scott 1980
Kimmswick	1981	Graham et al. 1981
Lange-Ferguson	1984	Martin 1984
Gröbern	1990	Mania et al. 1990
Aridos I	1980	Santonja et al. 1980
Aridos II	1980	Santonja et al. 1980
Gesher Benot Ya'aqov	1994	Goren-Inbar et al. 1994
Taguatagua-II	1994	Núñez et al. 1994
Hebior	1996	Overstreet 1996
Olorgesaille Member I, Site 15	1999	Potts et al. 1999
Barogali	2001	Berthelet and Chavaillon 2001
Lake Nojiri	2001	Kondo et al. 2001
Notarchirico	2001	Piperno and Tagliacozzo 2001
Shikaevka II	2001	Vasil'ev 2001

Halich	2001	Wojtal and Cyrek 2001
Lugovskoye	2003	Zenin 2003
Nadung'a 4	2006	Delagnes et al. 2006
Southfleet Road	2006	Wenban-Smith et al. 2006
Asolo	2008	Mussi and Villa 2008

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Supplemental Table 3: Neandertal Dataset.

Neandertal Dataset	
Fossil	Discovery date
Engis 2	1829
Forbes Quarry	1848
Neanderthal 1	1856
Spy 1	1886
Spy 2	1886
Krapina 1 (A)	1899
Krapina 2 (cr B)	1899
Krapina 3	1899
Krapina 4	1899
Krapina 6	1899
Le Moustier 1	1908
La Chapelle	1908
La Ferrassie 1	1909
Pech de l'Aze	1909
La Ferrassie 2	1910
La Quina H5	1911
La Ferrassie 3	1912
Le Moustier 2	1914
La Quina 18	1915
Ehringsdorf H	1925
Zuttiyeh 1	1925
Ganovce 1	1926
Devil's tower	1926
Tabun C1	1929
Saccopastore 1	1929
Subalyuk 2	1932
Steinheim 1	1933
Saccopastore 2	1935
Swanscome	1935
Teshik Tash 1	1938
Monte Circeo 1	1939
La Chaise (Suard) 1	1949
Shanidar 7	1953
Combe-Grenal 2	1953
Starosel'e 1	1953
Shanidar 1	1957
Shanidar 5	1957
Shanidar 2	1957
Shanidar 3	1957

Shanidar 4	1957
Shanidar 6	1957
Petralona 1	1959
Amud 1	1961
Roc de Marsal	1961
Chateauneuf 2	1968
Biache	1976
St. Cesaire	1979
Amud 7	1991
Altamura	1993
Dederiyeh 1	1993
Dederiyeh 2	1997

Supplemental Table 4: High Altitude Colorado Sites

Bin Mid Year	Freq
1925	0
1935	4
1945	0
1955	11
1965	74
1975	277
1985	672
1995	463
2005	446

Supplemental Table 5: Shipwrecks

Bin Mid Year	Freq
1962	18
1967	53
1972	125
1977	149
1982	50
1987	45
1992	66

Supplemental Table 6: Wyoming, All Sites

Bin Mid Year	Freq
1935	5
1945	210
1955	251
1965	85
1975	4185
1985	16882
1995	18816
2005	19021

Supplemental Table 7: European Upper Paleolithic Sites

Bin Mid Year	Freq
1820	5
1840	16
1860	66
1880	108
1900	123
1920	131
1940	144
1960	222
1980	148