| **Supplemental Table 5 – Chronology of Morro I Burials Analyzed or Discussed in this Paper** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Burial*** | ***Description*** | ***C14 Age (BP)of Associated Contexts(1)*** | ***Direct C14 Age*** | ***C14 Lab key*** | ***Sources*** | ***Calibrated Dates  (cal bp)(2)*** | | | ***C/N Isotope Analyses(3)*** |
| ***From*** | ***To*** | ***%*** |
|  |  |  |  |  |  |  |  |  |  |
| ***T3*** | ‘Natural mummification’ | 5,500 – 5,000(5) |  |  | Standen 1991, 2003 | 6,250 | 5,690 | 95.4 |  |
| ***T4*** | Undefined Preceramic | 5,500 – 5,000(5) |  |  | Standen 1991, 2003 | 6,250 | 5,690 | 95.4 | Yes |
| ***T6(4)*** | Undefined Preceramic | 5,500 – 5,000(5) |  |  | Standen 1991, 2003 | 6,250 | 5,690 | 95.4 | Yes |
| ***T8*** | Undefined Preceramic | 5,500 – 5,000(5) |  |  | Standen 1991, 2003 | 6,250 | 5,690 | 95.4 |  |
| ***T9*** | Undefined Preceramic | 5,500 – 5,000(5) |  |  | Standen 1991, 2003 | 6,250 | 5,690 | 95.4 |  |
| ***T10b*** | ‘Artificial mummification’ |  | 5434 ± 59 | DRI-3450 | Standen 1991, 2003 | 6,294 | 6,002 | 95.4 |  |
|  | 5,414 ± 58 | DRI-3449 | 6,285 | 5,999 | 95.4 |  |
| ***T10a*** | ‘Natural mummification’ (Child, same tomb as T10b) | 5,414 ± 58(6) |  |  | Standen 1991, 2003 | 6,285 | 5,999 | 95.4 | Yes |
| ***T12(4)*** | ‘Natural mummification’ | 5,500 – 5,000(5) |  |  | Standen 1991, 2003 | 6,250 | 5,690 | 95.4 | Yes |
| ***T15*** | ‘Natural mummification’ | 5,500 – 5,000(5) |  |  | Standen 1991, 2003 | 6,250 | 5,690 | 95.4 |  |
| ***T16a*** | Mud-coated style | 5,500 – 3,600 |  |  | Standen 1991, 2003 | 6,250 | 3,850 | 95.4 |  |
| ***T16b*** | ‘Natural mummification’ | 5,500 – 3,600 |  |  | Standen 1991, 2003 | 6,250 | 3,850 | 95.4 |  |
| ***T19C1*** | Red mummification style |  | 4,350 ± 280 | I-13650 | Allison *et al*. 1984, Arriaza 1995, Standen 2003. | 5,600 | 4,150 | 95.4 |  |
| ***T22C3*** | Mud-coated style | 4,600 – 4,000(7) |  |  | Standen 1991, Arriaza & Standen 2009 | 5,185 | 4,415 | 95.4 |  |
| ***T22C4*** | ‘Natural mummification’ | 4,600 – 4,000(7) |  |  | Standen 1991, Arriaza & Standen 2009 | 5,185 | 4,415 | 95.4 |  |
| ***T22C5*** | ‘Natural mummification’ | 4,600 – 4,000(7) |  |  | Standen 1991, Arriaza & Standen 2009 | 5,185 | 4,415 | 95.4 |  |
| ***T23C3*** | ‘Natural mummification’ | 4,600 – 4,000(8) |  |  | Standen 1991 | 5,185 | 4,415 |  |  |
| ***T23C5*** | ‘Natural mummification’ |  | 3,818 ± 60 | N/A | Arriaza & Standen 2009, Standen 1997, 2003 | 4,405 | 3,977 | 95.4 |  |
| ***T23C12*** | Mud-coated style |  | 4,633 ± 55 | N/A | Arriaza & Standen2009, Standen 1997, 2003 | 5,469 | 5,047 | 95.4 |  |
| ***T23C13*** | Mud-coated style | 4,600 – 4,000(8) |  |  | Arriaza & Standen2009, Standen 1991, 1997 | 5,185 | 4,415 | 95.4 | Yes |
| ***T27C5*** | Red mummification style | 4,600 – 4,000(9) |  |  | Standen & Arriaza 2009; Standen 1997 | 5,185 | 4,415 | 95.4 |  |
| ***T27C10*** | ‘Natural mummification’ | 4,600 – 4,000(9) |  |  | Arriaza & Standen 2009; Standen 1997 | 5,185 | 4,415 | 95.4 |  |
| ***T27C12*** | ‘Natural mummification’ | 4,600 – 4,000(9) |  |  | Arriaza & Standen 2009; Standen 1997 | 5,185 | 4,415 | 95.4 |  |
| ***T27C13*** | Mud-coated style | 4,600 – 4,000(9) |  |  | Arriaza & Standen 2009; Standen 1997 | 5,185 | 4,415 | 95.4 |  |
| ***T27C15*** | Mud-coated style | 4,600 – 4,000(9) |  |  | Arriaza & Standen 2009; Standen 1997 | 5,185 | 4,415 | 95.4 |  |
| ***T27C16*** | Red mummification style | 4,600 – 4,000(9) |  |  | Standen 1991 Arriaza & Standen 2009 | 5,185 | 4,415 |  |  |
| ***T28C5*** | ‘Natural mummification’ | 4,000 – 3,600(10) |  |  | Allison *et al*. 1984; Standen 1997, 2003 | 4,415 | 3,850 | 95.4 |  |
| ***T28C6*** | Mud-coated style | 4,000 – 3,600(10) |  |  | Allison *et al*. 1984; Standen 1997, 2003 | 4,415 | 3,850 | 95.4 |  |
| ***T28C9*** | Mud-coated style |  | 3,670 ±100 | I-13651 | Arriaza 1995, Standen 2003 | 4,240 | 3,645 | 95.4 |  |
| ***T28C11*** | ‘Natural mummification’ | 4,000 – 3,600(10) |  |  | Allison *et al*. 1984; Standen 1997, 2003 | 4,415 | 3,850 | 95.4 |  |
| ***T28C15*** | ‘Natural mummification’ | 4,000 – 3,600(10) |  |  | Allison *et al*. 1984; Standen 1997, 2003 | 4,415 | 3,850 | 95.4 |  |
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Notes: (1) Standen’s (2003) chronology for Morro I defines three phases: Phase 1 (5,500 – 5,000 BP) black and other artificial mummification styles; Phase 2 (4,600 – 4,000 BP) red, mud-coated and ‘natural’ mummification styles; Phase 3 (4,000 ­– 3,600 BP) mud-coated and ‘natural’ mummification styles. Calibrated(2) median phase limits are therefore: Phase 1: 6,252 – 5,690 cal BP; Phase 2: 5,185–4,415 cal BP; Phase 3: 4,415–3,850 cal BP.

(2) Using OxCal v4 3.2 Bronk Ramsey (2017); r:5 SHCal13 atmospheric curve (Hogg *et al*. 2013)

(3) Analyzed isotopically by King *et al*. (2018),

(4) Analyzed isotopically by King *et al*. (2018) but not analyzed osteologically in this paper.

(5) Reported as individual inhumations in black and ‘natural mummification’ styles excavated from the Morro I NW sector (Standen 1991: 61).

(6) Child in same tomb context as Burial 10b adult.

(7) Context T22 contains multiple inhumations in mud-coated, red and ‘natural’ mummification styles (Phase 2).

(8) Context T23 contains multiple inhumations in mud-coated, red and ‘natural’ mummification styles (Phase 2). Standen (1991:74) records T23C13 alongside ‘*Conjunto* 3’ of five burials in red mummification style (Standen 1997), one (T23C7) directly dated to 4,040 ± 100 BP. T23 context ‘mud-coated’ style burial (T23C12) is directly dated to 4,633 ± 55 BP; while a ‘natural mummification’ burial (T23C5) is directly dated to 3,818 ± 60 BP (Standen 1997: 152, 2003: 17).

(9) Context T27 contains multiple inhumations inn mud-coated, red and ‘natural’ mummification styles (Phase 2).

(10) Context T28 comprises multiple inhumations in mud-coated and ‘natural’ mummification styles (Phase 3). One mud-coated style (T28C9) directly dated to 3,670 ± 100 and two ‘natural’ mummification style (T28C8 and T28C22) dated to 3,790 ± 100 and 3,830 ± 100 (4,415­ – 3,860 and 4,438–3,887 Cal BP), respectively (Standen 2003).

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