

APPENDIX ON

PREHISTORIC HUMAN PRESENCE ON MOUNT ETNA (SICILY), IN RELATION TO THE GEOLOGICAL EVOLUTION

Stefano Branca^{1*}, Francesco Privitera², Orazio Palio³, Maria Turco⁴

¹ Istituto Nazionale di Geofisica e Vulcanologia, Osservatorio Etneo-Sezione di Catania

² Museo Regionale di Catania, Dipartimento Beni Culturali, Regione Siciliana

³ Dipartimento Scienze della Formazione, Università di Catania

⁴ Soprintendenza per i Beni Culturali e Ambientali di Catania, Regione Siciliana

Table 3: 14C dates of charcoals and bones came from the archeological sites of Etna region.

| Site | Period | Archaeological Facies | material | Sample code | C ¹⁴ age BP | 1σ cal BC | 2σ cal BC | References |
|---|-----------------------|-----------------------|-------------|-------------|------------------------|-----------|-----------|----------------------|
| Paternò: S. Marco, | Early Neolithic | Ceramiche impresse | Charcoal | A-8816 | 6335±192 | | 5622-4845 | Maniscalco |
| Catania: via Teatro Greco, US 144 | Middle Neolithic | Stentinello | Animal bone | LTL-15581A | 6476±45 | | 5520-5340 | Nicoletti 2015 |
| Catania: via Teatro Greco, US 141 | Middle-Late Neolithic | Serra d'Alto | Animal bone | LTL-15580A | 6185±45 | | 5230-5000 | Nicoletti 2016 |
| Paternò: S. Marco, Sg. V, US39 | Late Neolithic | Diana | Animal bone | A-10253 | 5620±155 | 4669-4334 | 4794-4218 | Maniscalco |
| Bronte: SS120, c.da Balze Soprane area C, saggio2, US 3 ovest | Late-Final Neolithic | Diana | Animal bone | Beta-577205 | 5620±30 | 4517-4364 | | this work |
| Bronte: SS120, c.da Balze Soprane area C, saggio2, US 5 est | Late-Final Neolithic | Diana | Animal bone | Beta-577206 | 5610±30 | 4498-4361 | | this work |
| Belpasso: Valcorrente, Saggio 1/2012, VIII-XI, US64 | Late-Final Neolithic | Diana-Spatarella | Animal bone | LTL-13344A | 5585 ± 45 | 4455-4365 | 4500-4340 | Palio and Turco 2020 |
| Bronte: SS120, c.da Balze Soprane area C, saggio2, US 3 est | Late-Final Neolithic | Diana | Animal bone | Beta-577204 | 5460±30 | 4356-4258 | | this work |

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|---|-----------------------------------|---|-------------|-------------|----------|------------------------|-------------------------------------|----------------------|
| Paternò: S. Marco, Sg. V, US69 | Late-Final Neolithic | Diana | Animal bone | A-1026 | 5315±81 | 4336-3966 | 4464-3753 | Maniscalco |
| Catania: via Teatro Greco, US 129/134 | Final Neolithic, Early Copper Age | Diana, Spatarella, Conzo, S. Cono-Piano Notaro | Animal bone | LTL-15578A | 5292±45 | | 4250-3980 | Nicoletti 2015 |
| Catania: via Teatro Greco, US 111 | Final Neolithic, Early Copper Age | Diana, Spatarella, Conzo, S. Cono-Piano Notaro | Animal bone | LTL-15582A | 5363±45 | | 4330-4050 | Nicoletti 2015 |
| Catania: via Teatro Greco, US 126 | Final Neolithic, Early Copper Age | Diana, Spatarella, Conzo, S. Cono-Piano Notaro | Animal bone | LTL-15577A | 5225±45 | | 4230-3950 | Nicoletti 2015 |
| Catania: Grotta Petralia, Cunicolo, gruppo 16 bis | Early Copper Age | Piano Conte? | Charcoal | Beta-577202 | 5060±30 | 3954-3788 | | this work |
| Paternò: S. Marco, Sg. V, US45/68 | Final Neolithic-Early Copper Age | Diana | Animal bone | A-10254 | 4970±144 | 3942-3838 | 4044-3499 | Maniscalco |
| Paternò: S. Marco, Sg. V, US61 | Final Neolithic-Early Copper Age | Diana | Animal bone | A-10255 | 4960±160 | 3958-3543 | 4048-3368 | Maniscalco |
| Catania: via Teatro Greco, US 130 | Final Neolithic, Early Copper Age | Diana, Spatarella, Conzo, S. Cono-Piano Notaro | Animal bone | LTL-15579A | 4869±45 | | 3770-3620 3590-3530 | Nicoletti 2015 |
| Paternò: S. Marco, Sg. V, US8 95/71 | Final Neolithic-Early Copper Age | Diana | Animal bone | A-8815 | 4705±63 | 3630-3372 | 3544-3368 | Maniscalco |
| Biancavilla: c,da Scalonazzo, US 5 | Final Copper Age | Pellegriti-Marca; S. Ippolito | Animal bone | Beta-577199 | 4220±30 | 2813-2743 2905-2852 | 2728-2695 | this work |
| Biancavilla: c,da Scalonazzo, US 7 | Final Copper Age | Pellegriti-Marca; S. Ippolito | Animal bone | Beta-577200 | 4070±30 | 2695-2551 | 2537-2491 2851-2812 2743-2729 | this work |
| Biancavilla: c,da Scalonazzo, US 8 | Final Copper Age | Pellegriti-Marca; S. Ippolito | Animal bone | Beta-577201 | 4140±30 | 2874-2621 | | this work |
| Castiglione di Sicilia: c.da Marca, Trincea SNAM, A5/A4, da -1,20 a -1,30 (terra scura) | Late-Final Copper Age | Piano Conte?, Malpasso, Pellegriti-Marca, S. Ippolito | Animal bone | Beta-577208 | 4060±30 | 2678-2482 | 2840-2813 | this work |
| Belpasso: Valcorrente, Saggio 1, quad. VIII, US45 | Final Copper Age | Pellegriti-Marca, S. Ippolito | Animal bone | LTL-15362A | 3978±45 | 2580-2460 | 2620-2340 | Palio and Turco 2020 |
| Castiglione di Sicilia: Grotta Marca | Final Copper Age | Pellegriti-Marca | Human bone | MAMS-14916 | 3893±18 | 2460-2340 | 2470-2300 | Privitera 2020 |

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|---|--|---|----------------|-----------------|---------|---------------|--------------------------------|-------------------------|
| Belpasso: Valcorrente, Saggio 1, quad. III, US5 | Final Copper Age-Early Bronze Age (transition?) | Pellegriti-Marca, S. Ippolito, Castelluccio | Animal bone | LTL- 13345A | 3845±45 | 2350- 2270 | 2470- 2190 | Palio and Turco 2020 |
| Randazzo: c.da Ciarambello, anfratto | Early Bronze Age | Castelluccio | Animal bone | Beta- 577198 | 3740±30 | 2209- 2035 | 2275- 2256 | this work |
| Catania: Grotta Petralia, Galleria dei Recinti; Recinto 3, quad. 1B | Early Bronze Age | Castelluccio | Animal bone | Beta- 577207 | 3750±30 | 2231- 2116 | 2100- 2038 2281- 2249 | this work |
| Valcorrente: Saggio 2/2013 VIII, US127 | Early Bronze Age | Castelluccio | Animal bone | LTL- 15361A | 3324±45 | 1660- 1530 | 1700- 1500 | Palio and Turco 2020 |
| Valcorrente: Saggio 2/2013 V, US107 | Early Bronze Age | Castelluccio | Animal bone | LTL- 15360A | 3222±45 | 1530- 1430 | 1610- 1410 | Palio and Turco 2020 |
| Valverde, Montedoro- Casalrosato | Middle Bronze Age | Thapsos | Human bone | | 3100±40 | | 1421- 1374 1352- 1300 | Privitera 1988-1989 |