

APPENDIX ON

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

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Table 2: The prehistoric sites of the Etna region and their relationships with the volcanic succession defined in Branca et al. (2011a) and subsequent updating. MN=Middle Neolithic; LN= Late Neolithic; FN= Final Neolithic; ECA= Early Copper Age; LCA= Late Copper Age; FCA= Final Copper Age; EBA= Early Bronze Age; MBA= Middle Bronze Age; LBA= Late Bronze Age; FBA= Final Bronze Age.

	Site	Type of settlement	Altitudem a.s.l.	Coordinates	Archaeological phases	Lava flow and volcanic unit of Branca et al. (2011a)	Absolute or stratigraphic ages of lava flows	Location of the sites	¹⁴ C cal dates of the site	References
-1	Naxos	necropolis	8 m	37°49'08" N 15°16'09" E	EBA	Alcantara; Pietra Cannone Formation, Lower Member; Mongibello Volcano	13897-13717 BP; 13036-11324 BP; 10189-9704 BP	On the lava flow		Procelli 1983; Procelli 2000; Branca, et al. 2019
-2	Naxos	Settlement	8 m	37°49'24" N 15°16'19" E	EBA-MN-FBA	Alcantara; Pietra Cannone Formation, Lower Member; Mongibello Volcano	13897-13717 BP; 13036-11324 BP; 10189-9704 BP	On the lava flow		Procelli 1983; Lentini 1993-94; Lentini 2020; Branca et al. 2019
3	Calatabiano: Imperio	Site of lithics	26 m	37°49'09" N 15°14'32" E	Neolithic?	Alcantara; Pietra Cannone Formation, Lower Member; Mongibello Volcano	13897-13717 BP; 13036-11324 BP; 10189-9704 BP	On the lava flow		Branca et al. 2019; Privitera and Grasso 2012
4	Mascali, Nunziatella	Area of fragments	225 m	37°45'29" N 15°09'59" E	EBA, MBA	Mt Scuderi; Pietra Cannone Formation, Lower Member; Mongibello Volcano	15-12.2 ka BP	On the lava flow		Branca et al. 2011a; Privitera 2015

5	Acireale: Pozzillo	Area of fragments	13 m	37°59'51" N 15°11'46" E	EBA	Pozzillo; Pietra Cannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a; Privitera 2015
6	Acireale: thermal baths of S. Venera	Settlement	120 m	37°34'55" N 15°09'09" E	LCA, EBA, MBA	Valverde Formation; Timpe Phase	121-112 ka BP	On the lava flow		Branca et al. 2011a; Branciforti 2006, p. 88
7	Acireale: Gazzena	Settlement	57 m	37°34'52" N 15°10'10" E	LCA	Aci Platani; Pietra Cannone Formation, Lower Member; Mongibello Volcano	15-4.4 ka BP	On the lava flow		Branca et al. 2011a; Branca et al. 2014;
8	Acireale: Capo Mulini	Settlement	9 m	37°34'32" N 15°10'23" E	LN, EBA, MBA	Aci Platani; Pietra Cannone Formation, Lower Member; Mongibello Volcano	15-4.4 ka BP	On the lava flow		Branca et al. 2011a; Branca et al. 2014; Tomarchio 1980
9	Valverde, Montedoro-Casalrosato	Settlement, necropolis	306 m	37°34'05" N 15°07'35" E	EBA, MBE, FBA	Valverde Formation; Timpe Phase	121-112 ka BP	Covered by pyroclastic deposit of the 122 BC Plinian eruption	3100±40 BP (1421-1374; 1352-1300 cal. BC-MBA)	Branca et al. 2011a; Privitera 1988-89; Branciforti 1999
10	S. Gregorio: Micio Conti Cave	Cave	284 m	37°33'38" N 15°07'01" E	EBA	Cannizzaro: Pietra Cannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Alberghina and Procelli 2002
11	Catania: Benedettini Monastery	Settlement, necropolis	40 m	37°30'13" N 15°04'45" E	MN, FN, ECA, LCA, EBA, MBA; LBA, FBA	Barriera del Bosco: Pietra Cannone Formation, Lower Member; Mongibello Volcano	11234-10941 BP 8395-8236 BP	On the lava flow		Magli et al. 2021; Privitera 2010, Agodi 2010, Cultraro 2014; Cultraro 2016
12	Catania: Teatro Greco street	Settlement	26 m	37°30'11" N 15°04'59" E	MN, LN, ECA, EBA	Barriera del Bosco: Pietra Cannone Formation, Lower Member; Mongibello Volcano	11234-10941 BP 8395-8236 BP	On the lava flow	5520-5340 BC Cal. 2σ (MN) 4170-3950; 3770-3530 BC Cal. 2σ (ECA)	Magli et al. 2021; Nicoletti 2015
13	Catania: S. Maddalena street	Settlement	43 m	37°30'20" N 15°05'00" E	MN, LN, EBA	Barriera del Bosco: Pietra Cannone Formation,	11234-10941 BP 8395-8236 BP	On the lava flow		Magli et al. 2021; Privitera 2010;

						Lower Member; Mongibello Volcano				Cultraro 2014; Cultraro 2016
14	Catania: Purità	Settlement	43 m	37°30'25" N 15°04'49" E	LCA, FBA	Barriera del Bosco: Pietra Cannone Formation, Lower Member; Mongibello Volcano	11234-10941 BP 8395- 8236 BP	On the lava flow		Magli et al. 2021; Amari 2005; Privitera 2010; Cultraro 2016
15	Catania: Crociferi street	Anthropic deposit	27 m	37°30'14" N 15°05'05" E	LN, FN, LCA	Barriera del Bosco: Pietra Cannone Formation, Lower Member; Mongibello Volcano	11234-10941 BP 8395-8236 BP	On the lava flow		Magli et al. 2021; Privitera 2010; Cultraro 2014; Cultraro 2016
16	Catania: Mt S. Paolillo	Settlement	167 m	37°32'24" N 15°05'23" E	EBA; MBA, LBA; FBA	Valverde Formation; Timpe Phase	121-112 ka BP	On the lava flow		Branca et al. 2011a; Tanasi 2010; Magro and Vacirca 2017
17	Catania: L. Pirandello street	Cave	59 m	37°31'28" N 15°05'25" E	EBA	Larmisi: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Procelli 1992; Privitera and La Rosa 2007; Cultraro 2014; Cultraro 2016
18	Catania: Ingegnere street	Cave	71 m	37°31'24" N 15°04'56" E	EBA	Larmisi: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Cultraro 2014; Cultraro 2016
19	Catania: Asilo S. Agata street	Cave (?)	24 m	37°30'47" N 15°05'45" E	EBA	Larmisi: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube?		Magli et al. 2021; Cultraro 2014; Cultraro 2016
20	Catania: Nuovalucello\ Seminario street	Cave	112 m	37°31'46" N 15°05'16" E	EBA	Larmisi: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Di Vita 1955; Tinè 1960- 61; Privitera and La Rosa 2007; Cultraro 2014;

										Cultraro 2016
21	Catania: A. Cecchi street	Cave	125 m	37°31'54" N 15°05'18" E	EBA	Larmisi: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Privitera and La Rosa 2007
22	Catania: Liardo street (Petràlia Cave)	Cave	142 m	37°32'01" N 15°05'04" E	ECA (?), FCA, EBA	Larmisi: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube	3954-3788 cal. (ECA?); 2231-2116 cal. (EBA)	Magli et al. 2021; Privitera and La Rosa 2007; Palio and Privitera 2015
23	Catania: ITA Eredia (Basile Cave)	Cave	158 m	37°31'52" N 15°04'40" E	LCA, EBA	Larmisi: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Basile 1891; Orsi 1907; Procelli 1992; Procelli 2007; Tanasi 2015
24	Catania: ITA Eredia	Settlement	158 m	37°31'52" N 15°04'40" E	EBA; MBA	Larmisi: Pietracannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	On the lava flow		Magli et al. 2021; Orsi 1907; Privitera and La Rosa 2007; Tanasi 2015
25	Catania: La Porta1-4 Cave; Anzalone Cave (?)	Cave	158 m	37°31'54" N 15°04'48" E	EBA, MBA	Larmisi: Pietracannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Orsi 1907; Privitera and La Rosa 2007; Tanasi 2015
26	Catania: Curci Cave (?)	Cave	167 m	37°32'06" N 15°04'46" E	EBA, LBA	Larmisi: Pietracannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Orsi 1907; Tanasi 2015
27	Catania: Ota street cave	Cave	149 m	37°31'14" N 15°03'03" E	EBA	S. Giovanni Galermo: Pietra Cannone Formation, Lower Member; Mongibello Volcano	5494-5387 BP	Lava tube		Magli et al. 2021; Privitera 2002; Privitera and La Rosa 2007
28	Catania: S. Giovanni Galermo	Cave	300	37°33'01" N 15°03'06" E	EBA	S. Giovanni Galermo: Pietracannone Formation,	5494-5387 BP	Lava tube		Magli et al. 2021

						Lower Member; Mongibello Volcano				
29	Misterbianco: Pezzamandria cave	Cave	162 m	37°31'02" N 15°01'29" E	MN, LCA, EBA	Quartararo: Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Cultraro 1997; Privitera 2007
30	Misterbianco: Quadararo	Settlement (?)	162 m	37°31'02" N 15°01'29" E	LCA	Quartararo: Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al.2011a; Privitera 2007
31	Paternò: Trefontane (*)	Settlement	130 m	37°32'50" N 14°53'44" E	MN	Simeto Formation; Ellittico Volcano		Covered by Mt S. Leo lava flow 3.9 BP-122 BC		Branca et al. 2011a; Cafici 1914; De Fiore 1921
32	Paternò: S. Caterina street, Piano della Fiera	Settlement, necropolis	330 m	37°35'42 N 14°54'02 E	LBA, FBA	Villa Elia; Piano Provenzana Formation, Ellittico Volcano	60-15 ka BP	On the lava flow		Branca et al. 2011a; Maniscalco 2012, 52-53
33	Paternò: Cappuccini Nuovi	Settlement	211 m	37°34'14" N 14°53'34" E	MCA, EBA, FBA	Villa Elia; Piano Provenzana Formation, Ellittico Volcano	60-15 ka BP	On the lava flow		Branca et al. 2011a; Maniscalco 2012, 27; Maniscalco 2019, 138.
34	Paternò: S. Marco	Settlement	203 m	37°34'06" N 14°53'25" E	MN, LN, EBA, LBA	Villa Elia; Piano Provenzana Formation; Ellittico Volcano	60-15 ka BP	On the lava flow	5622- 4845 cal. (MN); 3548- 3360 cal. (LN)	Branca et al. 2011a; Maniscalco 2000
35	Paternò: Cingalenta	Settlement (?)	324 m	37°35'41" N 14°53'59" E	EBA	undefined		Covered by Mt Arso lava flow 920±550 BC		Branca et al. 2011a; this work
36	Belpasso: Valcorrente	Settlement	305 m	37°33'28" N 14°56'46" E	MN, LN, FCA, EBA	Villa Elia; Piano Provenzana Formation, Ellittico Volcano	60-15 ka BP	On the lava flow	4455- 4365 a.C. cal 1σ; 2580- 2460 a.C. cal 1σ; 2440- 2370 a.C. cal 1σ; 1530- 1430 a.C. cal 1σ.	Branca et al. 2011a; Palio and Turco 2020

37	Belpasso: Valcorrente 1	Settlement	252 m	37°32'56" N 14°57'54" E	MN-MBA	Pizzo Cuscuna: Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a; Arrabbito and Muratore 2020
38	Belpasso: Valcorrente 2	Settlement	256 m	37°33'11" N 14°57'11" E	MN-MBA	Valcorrente Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca 2011a; Arrabbito and Muratore 2020
39	Belpasso: Valcorrente 3	Settlement	286 m	37°33'24" N 14°56'55" E	MN-MBA	Villa Elia; Piano Provenzana Formation, Ellittico Volcano	15.000- 3.930±60 BP	On the lava flow		Branca et al. 2011a; Arrabbito and Muratore 2020
40	Belpasso: Vignale	Settlement	288 m	37°33'30" N 14°58'03" E	MN-MBA	C.da Vignale Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Modified from Branca et al. 2011a ; Arrabbito and Muratore 2020
41	Belpasso: Acquarossa springs (Fontana di Pepe?)	Settlement	355 m	37°34'21" N 14°56'10" E	MN-MBA	Mt San Leo Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Modified from Branca et al. 2011a; Cafici 1920; Arrabbito and Muratore 2020
42	Belpasso: Foresta cave	Cave	598 m	37°35'35" N 14°58'48" E	EBA	Belpasso Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Privitera and La Rosa 2007.
43	Biancavilla: Scalonazzo	Settlement	601 m	37°39'40" N 14°51'35" E	LCA; FCA	Casa San Giorgi; Piano Provenzana formation, Ellittico volcano	60-15 ka BP	On the lava flow	2813- 2743 cal BC; 2905- 2852 cal BC; 2695- 2551 cal BC; 2874- 2621 cal BC	Branca et al. 2011a; Privitera, et al. 2012
44	Biancavilla: Origlio cave	Cave	594 m	37°39'38" N 14°51'34" E	FCA	Poggio Pecoraro Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Privitera 2007

45	Biancavilla: Spartiviali cave (*)	Cave	464 m	37°38'09" N 14°52'14" E	FCA, EBA	Galizia Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Tinè 1960- 61
46	Biancavilla: Scutari street cave	Cave	509 m	37°38'35" N 14°51'55" E	EBA	Galizia Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Orsi 1930- 31
47	Biancavilla: Cappuccini (*)	Necropolis	525 m	37°38'53" N 14°51'35" E	LN	Mt Pecoraro Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a; Cultraro 2020, 179
48	Biancavilla: Argentieri cave (*)	Cave	1001 m	37°40'31" N 14°54'33" E	EBA	Monte Pecoraro Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Cultraro 1997; Privitera and La Rosa 2007
49	Biancavilla: Filicosa cave (*)	Cave	1170 m	37°42'03" N 14°54'49" E	MBA, LBA	Monte Pecoraro; Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Cultraro 1997; Privitera and La Rosa 2007; Cultraro 2016.
50	Biancavilla: Tabana e Burello-Zarbo	Settlement	163 m	37°38'07 N 14°49'34 E	LN	Alluvial deposit				Recami and Mignosa 1983; Maniscalco 2009
51	Adrano: Poggio dell'Aquila (*)	Settlement	594 m	37°39'48" N 14°51'06" E	FCA	Casa San Giorgi; Piano Provenzana formation, Ellittico volcano	60-15 ka BP	On the lava flow		Branca et al. 2011a; Cavalier and Cultraro 2009
52	Adrano: Spitaleri cave	Cave	604 m	37°40'23" N 14°49'59" E	EBA	Figurella Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011; Cultraro 2007
53	Adrano: Grotta del Santo cave	Cave	1041 m	37°43'32" N 14°52'33" E	LCA	Monte Turchio Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Cultraro 1997; Privitera 2007
54	Adrano: Sciare	Cave; Rock- cut tombs (?)	333 m	37°41'27" N 14°48'20" E	LCA; EBA	Monte Turchio Pietracannone Formation,	15-3.9 ka BP	Lava Tube		Branca et al. 2011a; Spigo 1986

	Manganelli cave					Lower Member; Mongibello Volcano				
55	Adrano: Pellegriti, Maccarrone, Pietralunga caves	Cave	574 m	37°39'45" N 14°50'41" E	LN; LCA; EBA	Casa Sangiorgi Piano Provenzana Formation Ellittico Volcano	60-15 ka BP	Lava Tube		Branca et al. 2011a; Cultraro 2007
56	Adrano: Fogliuta; villaggio Garofalo (*)	Settlement	571 m	37°39'34" N 14°50'57" E	MN; EBA	Casa Sangiorgi Piano Provenzana Formation Ellittico Volcano	60-15 ka BP	On the lava flow		Branca et al. 2011a; Cultraro 1997; Cultraro 2007
57	Adrano: De Felice street/ Garibaldi street	Settlement	555 m	37°39'51" N 14°49'45" E	LN	Casa Sangiorgi Piano Provenzana Formation Ellittico Volcano	60-15 ka BP	On the lava flow		Branca et al. 2011a; Cultraro 2020
58	Adrano: G. Maggio square	Necropolis	554 m	37°39'50" N 14°49'46" E	LN	Casa Sangiorgi Piano Provenzana Formation Ellittico Volcano	60-15 ka BP	On the lava flow		Branca et al. 2011a; Cultraro 2020
59	Adrano: Sant'Agostino square	Settlement	558 m	37°39'46" N 14°50'08" E	MN	Casa Sangiorgi Piano Provenzana Formation Ellittico Volcano	60-15 ka BP	On the lava flow		Branca et al. 2011a; Cultraro 2020
60	Adrano: cemetery	Settlement	528 m	37°39'11" N 14°49'58" E	LN	S. Maria di Licodia Formation Basal Tholeiitic Phase	332 ka BP	On the lava flow		Branca et al. 2011a; Cultraro 2020
61	Adrano: Castro I, II caves	Caves	596 m	37°39'46" N 14°51'10" E	EBA	Casa Sangiorgi Piano Provenzana Formation Ellittico Volcano	60-15 ka BP	Lava tube		Branca et al. 2011a; Palio and Privitera 2015
62	Adrano: Quaceci cave	Cave	580 m	37°39'44" N 14°51'01" E	LCA; EBA	Casa Sangiorgi Piano Provenzana Formation Ellittico Volcano	60-15 ka BP	Lava tube		Branca et al. 2011a; Palio and Privitera 2015
63	Adrano: Naviccia (*)	Settlement	623 m	37°40'36" N 14°50'04" E	MN	Figurella Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a; Cultraro 2020
64	Adrano: Fontanazza	Necropolis	249	37°38'50" N 14°48'23" E	MN	Barcavecchia Piano Provenzana Formation Ellittico Volcano	31-37 ka BP	On the lava flow		Branca et al. 2011a, Guerri 1990
65	Bronte; Balze Soprane I Cave	Cave	785 m	37°50'55" N 14°49'35" E	EBA	Monte La Nave Piano Provenzana Formation Ellittico Volcano	32-42 ka BP	Lava tube		Branca et al. 2011a; Privitera 2007

66	Bronte; Balze Soprane II Cave	Cave	785 m	37°50'55" N 14°49'36" E	MN, EBA	Monte La Nave Piano Provenzana Formation Ellittico Volcano	32-42 ka BP	Lava tube		Branca et al. 2011a; Nobile 1975; Privitera 2007
67	Bronte; Maniace Cave	Cave	795 m	37°50'54" N 14°49'40" E	EBA	Monte La Nave Piano Provenzana Formation Ellittico Volcano	32-42 ka BP	Lava tube		Branca et al. 2011a; Messina Sluga 1971; Privitera 2007b
68	Bronte; Balze Soprane, cemetery	Necropolis	845 m	37°51'28" N 14°51'04" E	FN	Monte La Nave Piano Provenzana Formation Ellittico Volcano	32-42 ka BP	On the lava flow	4370-4220 BC cal.	Branca et al. 2011a; Lisi et al. 2009; Privitera 2012
69	Bronte; Balze Soprane, firing pit	Settlement	850 m	37°51'28" N 14°51'20" E	FN	Monte La Nave Piano Provenzana Formation Ellittico Volcano	32-42 ka BP	On the lava flow	4356-4258 BC; 4517-4364 BC; 4498-4361 BC cal.	Branca et al. 2011a; Palio and Turco 2015A
70	Bronte; Balze Soprane, megalithic structure	Sacred area	825 m	37°51'28" N 15°50'08" E	EBA	Monte La Nave Piano Provenzana Formation Ellittico Volcano	32-42 ka BP	On the lava flow		Branca et al. 2011a; Consoli 1988-89; Palio and Turco 2015b
71	Bronte: Cuntarati	Sacred Area	557 m	37°46'50" N 14°48'26" E	LCA-EBA	Contrada Fontanelle Piano Provenzana Formation Ellittico Volcano	32-42 ka BP	On the lava flow		Branca et al. 2011a; Palio and Turco 2015c
72	Bronte: Saragoddio	Cave	393 m	37°43'04" N 14°47'59" E	Mesolithic; EBA	Piano dei Grilli Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a; Cultraro 1997
73	Bronte: Marotta	Settlement	390 m	37°43'20" N 14°47'32" E	L-FN, ECA, MCA	Alluvial deposit		On the alluvial deposit		Branca et al. 2011; Procelli 1989; Cultraro 1988
74	Bronte: Barbaro	Settlement	422 m	37°44'29" N 14°47'22" E	EBA	Piano dei Grilli Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a;
75	Maletto; Tartaraci Cave	Cave	950 m	37°49'58" N 14°53'13" E	LN, FCA, EBA	Monte La Nave Piano Provenzana Formation	32-42 ka BP	Lava tube		Branca et al. 2011a; Consoli 1988-89;

						Ellittico Volcano				Privitera 2007b
76	Randazzo, Lanza street	Settlement	754 m	37°52'41" N 14°56'55" E	LCA	Randazzo Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a; Privitera 2008; Privitera 2020
77	Randazzo, ex S. Giorgio monastery	Settlement	747 m	37°52'48" N 14°57'17" E	CA?	Randazzo Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a;
78	Randazzo, Donna Bianca-S. Caterina	Settlement	880 m	37°51'19" N 14°55'46" E	EBA	Mt Piluso Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a; Privitera 2020
79	Randazzo; Donna Bianca	Area of fragments	835 m	37°51'50" N 14°55'40" E	EBA	Randazzo Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	On the lava flow		Branca et al. 2011a; Privitera 2020
80	Randazzo: Schadlish cave	Cave	1415 m	37°49'54" N 14°59'06" E	EBA	Saracone Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2011a;
81	Randazzo: Ciarambello	Deposit (votive?)	614 m	37°53'31" N 14°59'26" E	EBA	Campo Re Piano Provenzana Formation Ellittico Volcano	30,8 ka BP	On the lava flow	2209-2035 cal BC	Branca et al. 2011a; Privitera and Turco 2020
82	Randazzo: S. Teodoro	Area of fragments	601 m	37°53'30" N 15°00'17" E	LN	Imbisch Piano Provenzana Formation Ellittico Volcano	60-15 ka yr. BP	On the lava flow		Branca et al. 2011a; Privitera 2008
83	Castiglione; Marca cave	Cave	390 m	37°53'28" N 15°07'12" E	FCA	Alcantara Pietracannone Formation, Lower Member; Mongibello Volcano	13.9 ka-9.7 ka BP	Lava tube	2460-2340 cal.	Branca et al. 2019; Privitera 1991-92; Privitera 2012; Privitera 2020
84	Castiglione; Marca	Settlement	390 m	37°53'28" N 15°07'12" E	MCA; LCA	Alcantara Pietracannone Formation, Lower Member; Mongibello Volcano	13.9 ka-9.7 BP	On the lava flow	2678-2482 cal BC	Branca et al. 2011a; Privitera 2012
85	Castiglione: Arcuria or Verzella cave	Cave	615 m	37°52'58" N 15°03'08" E	EBA	Solicchiata Pietracannone Formation,	5391-5316 cal BC	In the lava flow		Branca et al. 2019

						Lower Member; Mongibello Volcano				
86	Castiglione: Melicocchita or Tizzone cave	Cave	525 m	37°53'39" N 15°03'50" E	FCA, EBA	Solicchiata Pietracannone Formation, Lower Member; Mongibello Volcano	5391-5316 cal BC	Lava tube		Branca et al. 2019; Privitera 2007
87	Castiglione: Melicocchita (*)	Settlement	523	37°53'41" N 15°04'22" E	EBA	Solicchiata Pietracannone Formation, Lower Member; Mongibello Volcano	5391-5316 cal BC	On the lava flow		Branca et al. 2019
88	Castiglione, S. Domenica	Settlement	415 m	37°53'15" N 15°06'13" E	MN	Alcantara Pietracannone Formation, Lower Member; Mongibello Volcano	13.9 ka-9.7 ka BP	on the lava flow		Branca et al. 2019
89	Castiglione: Grotta dei Buoi cave	Cave	735 m	37°51'49" N 15°04'24" E	EBA	Solicchiata Pietracannone Formation, Lower Member; Mongibello Volcano	5391-5316 cal BC	Lava tube		Branca et al. 2019
90	Castiglione: Grotta delle Femmine cave	Cave	1610 m	37°49'28" N 15°01'23" E	EBA	Mt Timparossa Pietracannone Formation, Lower Member; Mongibello Volcano	15-3.9 ka BP	Lava tube		Branca et al. 2019; Privitera 2007; Privitera 2014