

Description and content of the archaeobotanical samples examined

Square	Res. vol.	Malacof.	Microf.	Anthrac. rem.	Carpol. rem.
C 22	40 ml	X	.	7 fr. > 3 mm	4
C 23	20 ml	X	.	2 fr. > 3 mm	6
D 21	20 ml	X	.	< 3 mm	3
D 22	60 ml	X	.	2 fr. > 3 mm	9
D 23	30 ml	X	.	1 fr. > 3 mm	6
E 21	25 ml	X	.	< 3 mm	.
E 22	30 ml	X	.	1 fr. > 3 mm	1
E 23	25 ml	X	.	< 3 mm	11
F 20	20 ml	X	X	< 3 mm	3
F 21	20 ml	X	.	3 fr. > 3 mm	5
F 22	50 ml	X	.	4 fr. > 3 mm	8*
F 23	30 ml	X	.	< 3 mm	3
G 20	20 ml	X	.	< 3 mm	.
G 21	40 ml	X	.	1 fr. > 3 mm	4
G 22	70 ml	X	.	8 fr. > 3 mm	12
G 23	40 ml	X	X	3 fr. > 3 mm	16
G 24	5 ml	X	.	< 3 mm**	5
H 19	10 ml	X	X	< 3 mm	3
H 20	25 ml	X	.	4 fr. > 3 mm	3
H 21	30 ml	X	.	15 fr. > 3 mm	5
H 22	65 ml	X	.	5 fr. > 3 mm	22
H 23	40 ml	X	.	2 fr. > 3 mm	8
H 24	15 ml	X	X	2 fr. > 3 mm	8
I 18	15 ml	X	X	< 3 mm	3
I 19	40 ml	X	.	4 fr. > 3 mm	3
I 20	50 ml	X	.	8 fr. > 3 mm	1
I 21	60 ml	X	X	3 fr. > 3 mm	.
I 22	35 ml	X	X	2 fr. > 3 mm	.
I 23	65 ml	X	.	3 fr. > 3 mm	4
I 24	25 ml	X	.	1 fr. > 3 mm	2
J 18	10 ml	X	.	< 3 mm***	2
J 19	30 ml	X	.	5 fr. > 3 mm	1
J 20	15 ml	X	X	2 fr. > 3 mm	4
J 21	45 ml	X	.	3 fr. > 3 mm	6
J 22	40 ml	X	.	2 fr. > 3 mm	16
J 23	15 ml	X	.	1 fr. > 3 mm	1
J 24	10 ml	X	.	< 3 mm	1
37 samples	Tot. 1175 ml				Tot. 189

* One hazel fragment used for dating; ** Fragment of herbaceous stem; *** Root fragment.

Radiocarbon datings

Lab. ID	SU	Sq.	Material	$\delta^{13}\text{C}$	Date	CalBP
OxA-40511	11	I16	charred seed	-24.44	8860 ± 30	10160 (83.7%) 9884 calBP
						9865 (11.8%) 9776 calBP
OxA-40836	15	K14	charred seed	-26.4	8944 ± 28	10203 (45.7%) 10114 calBP
						10069 (49.8%) 9913 calBP
						11068 (8.0%) 11025 calBP
OxA-40510	10	F22	charred seed	-25.08	9482 ± 38	11010 (11.9%) 10958 calBP
						10869 (1.4%) 10851 calBP
						10804 (64.0%) 10641 calBP
						10636 (10.2%) 10581 calBP

A NEW EARLY HOLOCENE SETTLEMENT IN CENTRAL ITALY:
THE MESOLITHIC SITE OF CONTRADA PACE (MARCHE REGION).

Main micromorphological characteristics

Thin section	SU	Microstructure	Porosity	Coarse components	Fine material	Groundmass c/f related distribution b-fabric pattern	Organic components	Inorganic residues of biological origin	Pedofeatures
MM9	3	Subangular blocky, moderately separated and moderately developed, with accommodated fine peds (<5 mm)	Accommodated planes, intrapedal channel	Angular quartz	Dark grayish brown silty-clay	c/f _{63µm} 2/98, open porphyric	Abundant dark to opaque tiny particles <100µm (burnt organic matter),	Microsparitic interpedal dense incomplete infillings, microsparitic geodic nodule, interpedal loose discontinuous silt infillings	
	9-CS	Primary: granular, highly separated and well developed with accommodated fine peds (<4mm); secondary: subangular blocky weakly separated and moderately developed with accommodated fine peds (7 mm)	Accommodated planes, transpedal channel,	Angular quartz	Brownish and brown-orange silty-clay,	c/f _{63µm} 5/95, open porphyric	/	Coarse microsparitic coatings, typical orthic microsparitic nodule, interpedal loose discontinuous infillings, dense complete transpedal infillings (passage features), interpedal loose discontinuous silt infillings, typical Mn-hydroxide orthic nodule, calcite depletion hypocoating	
	9	Angular blocky moderately separated and moderately developed with accommodated fine peds (10-15 mm)	Accommodated planes, transpedal channel	Angular quartz	Dark grayish brown silty-clay	c/f _{63µm} 5/95, open porphyric	Abundant dark to opaque tiny particles <100µm (burnt organic matter)	Coarse microsparitic coatings, typical orthic microsparitic nodule, typical Mn-hydroxide orthic nodule, dense complete transpedal infillings (passage features), interpedal loose discontinuous silt infillings, calcite depletion hypocoating	
MM15	3	Subangular blocky, moderately separated and moderately developed with accommodated fine peds (<5 mm)	Accommodated planes, intrapedal channel	Angular quartz	Dark grayish brown silty-clay	c/f _{63µm} 2/98, open porphyric	Abundant dark to opaque tiny particles <100µm (burnt organic matter)	Microsparitic interpedal dense incomplete infillings, microsparitic nodule	
	11	Angular blocky, moderately separated and moderately developed with accommodated fine peds (<10-15 mm)	Accommodated planes, transpedal channel, vesicles	Angular quartz	Brown silty-clay	c/f _{63µm} 2/98, open porphyric	Charcoal (10%, <14 mm), dark to opaque globular and tabular tissue charred fragments (<100µm) (30%)	Microsparitic interpedal dense incomplete infillings, silt interpedal loose discontinuous infillings, microsparitic nodule, calcite depletion hypocoating	
	9	Angular blocky moderately separated and moderately developed with accommodated fine peds (10-15 mm)	Accommodated planes, transpedal channel	Angular quartz	Dark grayish brown silty-clay	c/f _{63µm} 5/95, open porphyric	/	/	
MM17	3	Subangular blocky, moderately separated and moderately developed with accommodated fine peds (<5 mm)	Accommodated planes, intrapedal channel	Angular quartz	Dark grayish brown silty-clay	c/f _{63µm} 2/98, open porphyric	Charcoal (2%, <1 mm), dark to opaque globular and tabular tissue charred fragments <100µm (burnt organic matter)	Microsparitic interpedal dense incomplete infillings, silt interpedal loose discontinuous infillings, microsparitic nodule	
	10	Angular blocky, moderately separated and moderately developed with accommodated fine peds (<10-15 mm)	Accommodated planes, transpedal channel, vesicles	Angular quartz	Dark grayish silty-clay	c/f _{63µm} 2/98, open porphyric	Dark to opaque globular and tabular tissue charred fragments <100µm (burnt organic matter)	Microsparitic interpedal dense incomplete infillings, silt interpedal loose discontinuous infillings, microsparitic nodule	