

Sample	Cave	Type	Cult. attribution	Methods	References	Published results
Neolithic						
5880	Ciclami	Fiorano-like vessel	Fiorano c. ?	μCT; XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 16: 102	Bernardini et al. 2016
16888	Ciclami	carinated bowl	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 15: 100	
2697	Tartaruga	<i>vaso a coppa</i>	Vlaška Group	μCT; XRD; OM	Cannarella and Redivo 1983, no drawing	Bernardini et al. 2016
2618	Tartaruga	tall pedestal	Vlaška Group	μCT	Cannarella and Redivo 1983, Fig. 6/34	
2658	Tartaruga	fruit bowl	Vlaška Group	μCT; XRD; OM	Cannarella and Redivo 1983, Fig. 7/14	
2676	Tartaruga	bowl	Vlaška Group	μCT	Cannarella and Redivo 1983, Fig. 8/10	
2706	Tartaruga	bowl	Vlaška Group	μCT; XRD; OM	Cannarella and Redivo 1983, Fig. 7/13	
3523	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; PGAA; OM; XRD	Gilli and Montagnari Kokelj 1996, Fig. 19: 112	Bernardini et al. 2016
3533	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 12: 47	Bernardini et al. 2016
3534	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; XRD	Gilli and Montagnari Kokelj 1996, Fig. 11: 45	Bernardini et al. 2016
3540	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; PGAA; OM; XRD	Gilli and Montagnari Kokelj 1996, Fig. 15: 67	Bernardini et al. 2016
3541	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; PGAA; OM; XRD	Gilli and Montagnari Kokelj 1996, Fig. 11: 46	Bernardini et al. 2016
3543	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 17: 73	Bernardini et al. 2016
3545	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; PGAA; OM; XRD	Gilli and Montagnari Kokelj 1996, Fig.16: 72	Bernardini et al. 2016
3546	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 17: 74	Bernardini et al. 2016
3548	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 12: 48	Bernardini et al. 2016

3556	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 6: 2	Bernardini et al. 2016
NP	Zingari	<i>vaso a coppa</i>	Vlaška Group	μCT; OM	Gilli and Montagnari Kokelj 1996, Fig. 17: 75	Bernardini et al. 2016
no number 136	Zingari	beaker	Vlaška Group	μCT; OM	Gilli and Montagnari Kokelj 1996, Fig. 21: 136	
no number 159	Zingari	globular vessel	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 25: 159	
53511	Zingari	open bowl with raised rims	Vlaška Group	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 23: 151	
E. C. A.						
no number 726	Ciclami	vessel with subcutaneous handle	Nakovana c. ?	μCT; XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 72: 726	
5914	Ciclami	vessel with subcutaneous handle	Nakovana c. ?	μCT; XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 72: 727	
L. C. A.						
SN 1	Caterina	frag. with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Canarella and Pitti 1981, Fig. 5: 3.	
SN 2	Caterina	decorated fragment	Ljubljana c.	XRD; OM	unpublished ?	
SN 3	Caterina	decorated fragment	Ljubljana c.	XRD; OM	unpublished ?	
16162	Caterina	frag. with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Canarella and Pitti 1981, Fig. 5: 5.	
16195	Caterina	frag. decorated with cord impressions	C. E. influence ?	XRD; OM	Canarella and Pitti 1981, Fig. 4: 11.	
16434	Caterina	frag. with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Canarella and Pitti 1981, Fig. 5: 4.	
20591	Ciclami	decorated cross-footed bowl	V. c. influence	μCT; PGAA	Gilli and Montagnari Kokelj 1993, Fig. 51: 497	Bernardini et al. 2019; Leghissa et al. 2020
20592	Ciclami	decorated cross-footed bowl	V. c. influence	μCT; PGAA	Gilli and Montagnari Kokelj 1993, Fig. 37: 355	Bernardini et al. 2019; Leghissa et al. 2020
5833b	Ciclami	frag. with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 38: 366	
5837	Ciclami	frag. with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 38: 363	
5889	Ciclami	frag. with barbelé decoration	Ljubljana c.	μCT; OM	Gilli and Montagnari Kokelj 1993, Fig. 38: 365	

17109	Ciclami	fragment of funnel-shaped neck decorated with cord impressions	C. E. influence ?	XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 37: 362	
17164	Ciclami	frag. with barbelé decoration	Ljubljana c.	μCT; XRD	Gilli and Montagnari Kokelj 1993, Fig. 47: 464	
17204	Ciclami	frag. of a funnel-shaped neck	Ljubljana c.	μCT; XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 47: 465	
20419	Cotariova	decorated cross-footed bowl	V. c. influence	μCT; PGAA	Montagnari Kokelj et al. 2002, Pl. 27: 244	Bernardini et al. 2019; Leghissa et al. 2020
139461 (ex 405)	Cotariova	decorated cross-footed bowl	V. c. influence	μCT; PGAA	Montagnari Kokelj et al. 2002, Pl. 27: 245	Bernardini et al. 2019; Leghissa et al. 2020
SN	Cotariova	bowl with a flat thickened rim with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Montagnari Kokelj et al. 2002, Fig. 27: 246.	
3149	Cotariova	pan frag. decorated with rib	V. c. influence	XRD; OM	Montagnari Kokelj et al. 2002, Fig. 36: 368.	
139464	Edera	cross-footed bowl	V. c. influence	μCT; PGAA; OM; XRD	Marzolini 1970, Fig. 2/1	Bernardini et al. 2019; Leghissa et al. 2020
no number fondo	Edera	bowl with hollow conical foot with barbelé decorations and stabs	Ljubljana c.	μCT; XRD; OM	Marzolini 1970, Fig. 2/5	
no number vaso profondo	Edera	globular vessel with barbelé decoration and stabs	Ljubljana c.	μCT; XRD; OM	Marzolini 1970, Fig. 2/7	
1827	Mitreo	frag. of handled vessel, decorated with cord impressions	Ljubljana c.	μCT; XRD; OM	Montagnari Kokelj and Crismani 1997, Fig. 49: 448.	
139462	Pettine	decorated cross-footed bowl	V. c. influence	μCT; PGAA; XRD	Marzolini 1983, Fig. 1: 22, 25	Bernardini et al. 2019; Leghissa et al. 2020
139463	Pettine	decorated cross-footed bowl	V. c. influence	μCT; PGAA; OM; XRD	Marzolini 1983, Fig. 1: 11	Bernardini et al. 2019; Leghissa et al. 2020
11666	Pettine	globular vessel with omphalos	Ljubljana c.	μCT; XRD; OM	Marzolini 1983, Fig. 1: 15	
11667	Pettine	handled vessel with a funnel-shaped neck	Ljubljana c.	μCT; XRD; OM	Marzolini 1983, Fig. 1: 13	
11668	Pettine	handled vessel with a funnel-shaped neck	Ljubljana c.	μCT; XRD; OM	Marzolini 1983, Fig. 1: 16	
3469	Zingari	decorated cross-footed bowl	V. c. influence	μCT; PGAA; XRD	Gilli and Montagnari Kokelj 1996, Fig. 34: 202	Bernardini et al. 2019; Leghissa et al. 2020
Zingari pareti	Zingari	frag. decorated with probable barbelé decoration and impressions	Ljubljana c. ?	XRD; OM	unpublished	

3418	Zingari	vessel with a funnel-shaped neck	Ljubljana c.	μCT; XRD	Gilli and Montagnari Kokelj 1996, Fig. 38: 256	
3457	Zingari	frag. decorated with incisions	V. c. influence	XRD	Gilli and Montagnari Kokelj 1996, Fig. 43: 313	
3458	Zingari	bowl with a flat thickened rim with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 42: 299	
348791-348792	Zingari	vessel with a thickened rim, decorated with finger impressions	Ljubljana c.	XRD	Gilli and Montagnari Kokelj 1996, Fig. 38: 247 ?	
348796-348797-348798	Zingari	vessel with a thickened rim, decorated with finger impressions	Ljubljana c.	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 38: 246	
48853-48857	Zingari	vessel with a thickened rim, decorated with finger impressions	Ljubljana c.	μCT; XRD	Gilli and Montagnari Kokelj 1996, Fig. 38: 244	
48963	Zingari	bowl with a flat thickened rim with barbelé decoration	Ljubljana c.	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 42: 300	
3467	Zingari	vessel with a funnel-shaped neck	Ljubljana c.	μCT	Gilli and Montagnari Kokelj 1996, Fig. 34: 199	
3470	Zingari	vessel with a funnel-shaped neck	Ljubljana c.	μCT; PGAA; OM; XRD	Gilli and Montagnari Kokelj 1996, Fig. 34: 200	
L. C. A. and E. B. A.						
3468, 35	Zingari	vessel with a funnel-shaped neck and everted rim	Cetina c.	μCT; XRD; OM	Gilli and Montagnari Kokelj 1996, Fig. 34: 201	
3471	Zingari	vessel with a funnel-shaped neck	Cetina c.	μCT; PGAA; OM; XRD	Gilli and Montagnari Kokelj 1996, Fig. 34: 201	
17020	Ciclami	Jug frag. decorated with incisions and stabs	Cetina c.	XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 35: 343,344	
17143	Ciclami	Jug frag. decorated with incisions	Cetina c.	XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 48: 467	
17210	Ciclami	bowl with a flat thickened rim, decorated with stabs	Cetina c. ?	XRD; OM	Gilli and Montagnari Kokelj 1993, Fig. 50: 495	

**Table S1.** List of analyzed samples.

Cult. Attribution = Cultural attribution

Published results = archaeometric published results

E. C. A., L. C. A. and E. B. A. = Early Copper Age, Late Copper Age and Early Bronze Age

Nakovana c. = Nakovana Culture

V. c. influence = Vučedol Culture influence

C. E. influence = Central Europe influence

Fiorano c. = Fiorano Culture

Ljubljana c. = Ljubljana Culture

Cetina c. = Cetina Culture

$\mu$ CT = X-ray Computed Micro-Tomography

PGAA = Prompt Gamma Activation Analysis

OM = Optical Microscopy

XRD = X-ray Diffraction

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[illegible]

L. C. A. and E. B. A.														
3468, 35	Zingari	Cetina c.		X	XX	X						X		
3471	Zingari	Cetina c.		X	XX	X			X					
17020	Ciclami	Cetina c.			XX	X (Plg)	X		X		X	XXX		X
17143	Ciclami	Cetina c.			XX		X		XX	X (metamorphic)	X	X		X
17210	Ciclami	Cetina c. ?	X	X	X				X	X (sandstone)		X		X ?

**Table S2.** Petrographic features of the vessels analyzed by optical microscopy.

Cult. Attribution = Cultural Attribution

Ext. layer = External layer

Carb. R. Frag. = Carbonate Rock Fragment

R. Frag. = Rock Fragment

Ext. layer = External layer

Plg = Plagioclase

Feld = Feldspar

E. C. A., L. C. A. and E. B. A. = Early Copper Age, Late Copper Age and Early Bronze Age

V. c. influence = Vučedol Culture influence

C. E. influence = Central Europe influence

Fiorano c. = Fiorano Culture

Ljubljana c. = Ljubljana Culture

Cetina c. = Cetina Culture