



Figure 1: Austrian province of Styria with the Mura River Valley study area outlined.



Figure 2: Example of an Austrian historic cadastral map from 1820.

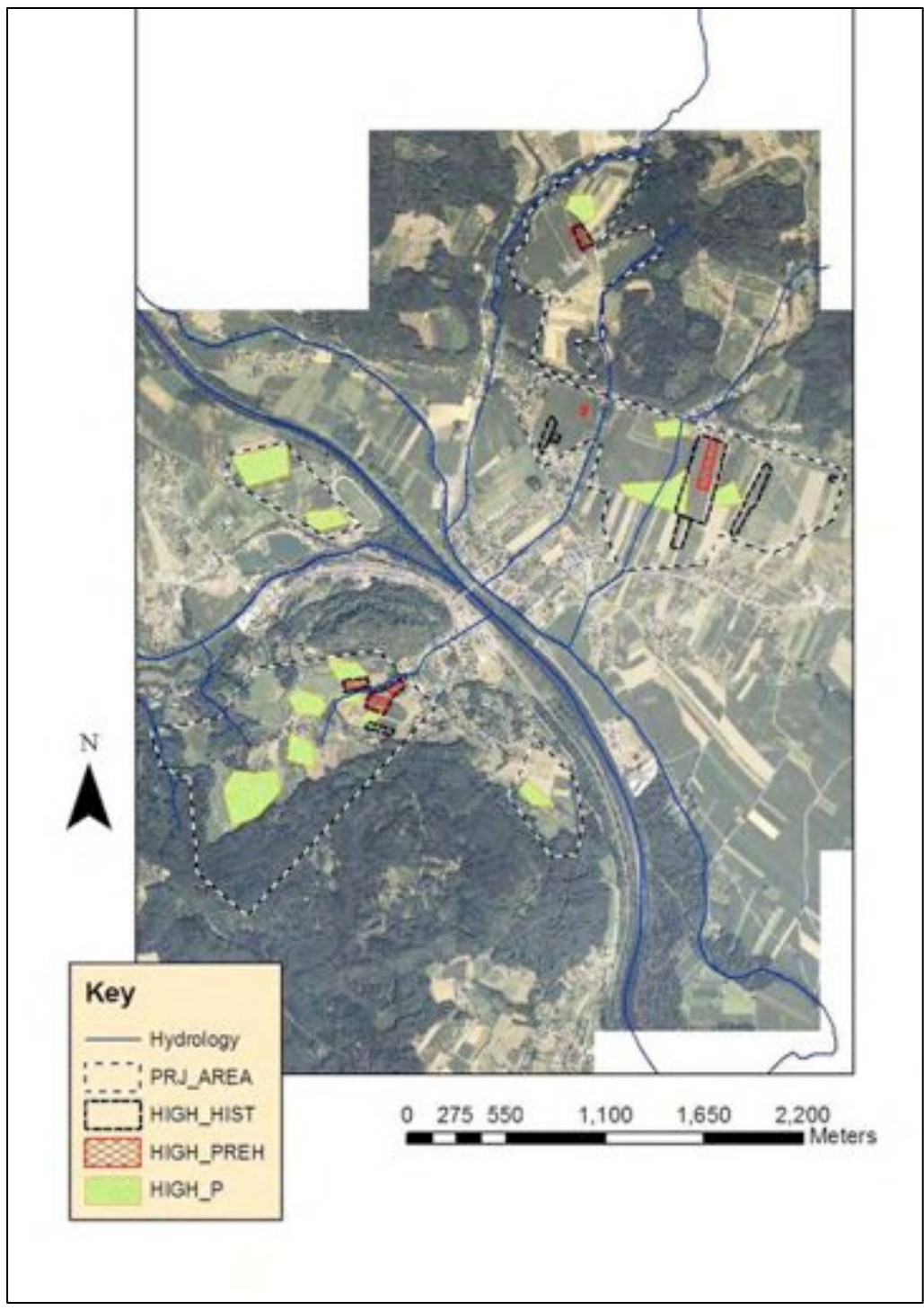


Figure 3: Aerial image of author's project area in the Mura River Valley showing local hydrology, areas of high prehistoric and historic artifact concentrations and areas of high phosphate.

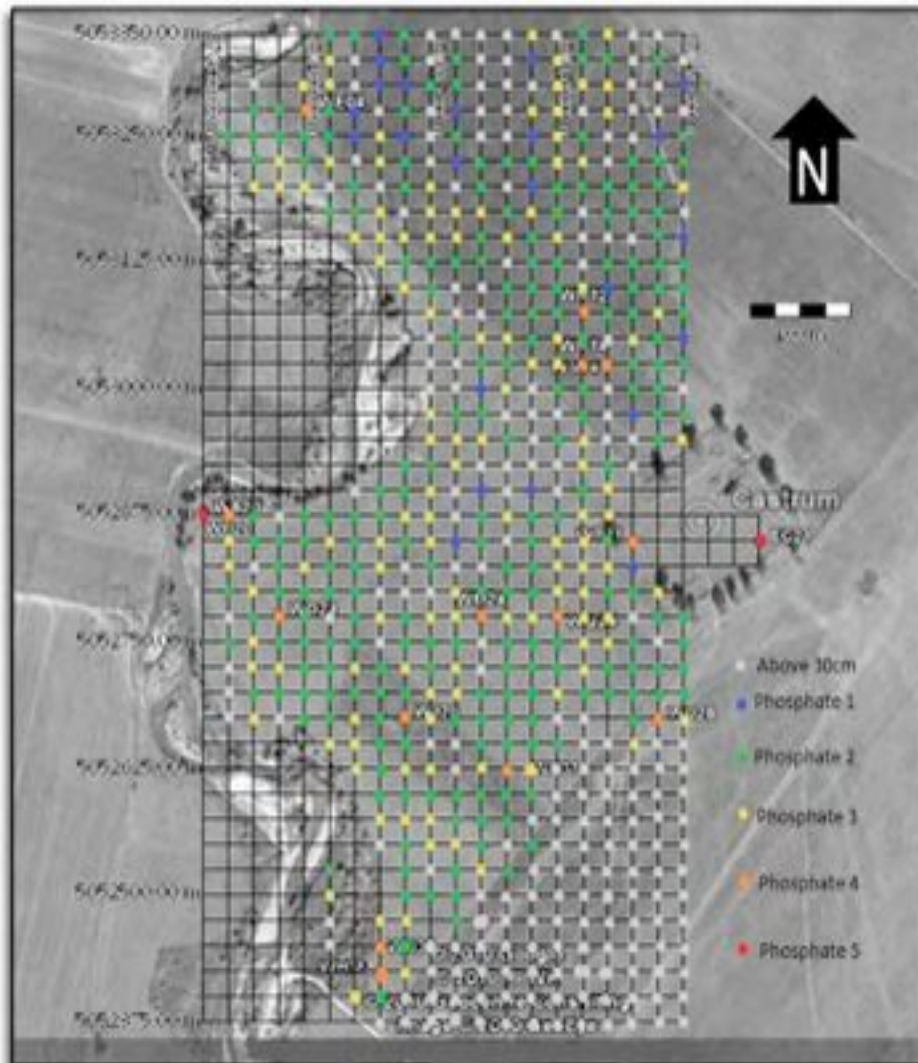


Figure 4: Phosphate results from research conducted at Cumidava, Romania. (Background image acquired from Google Earth).

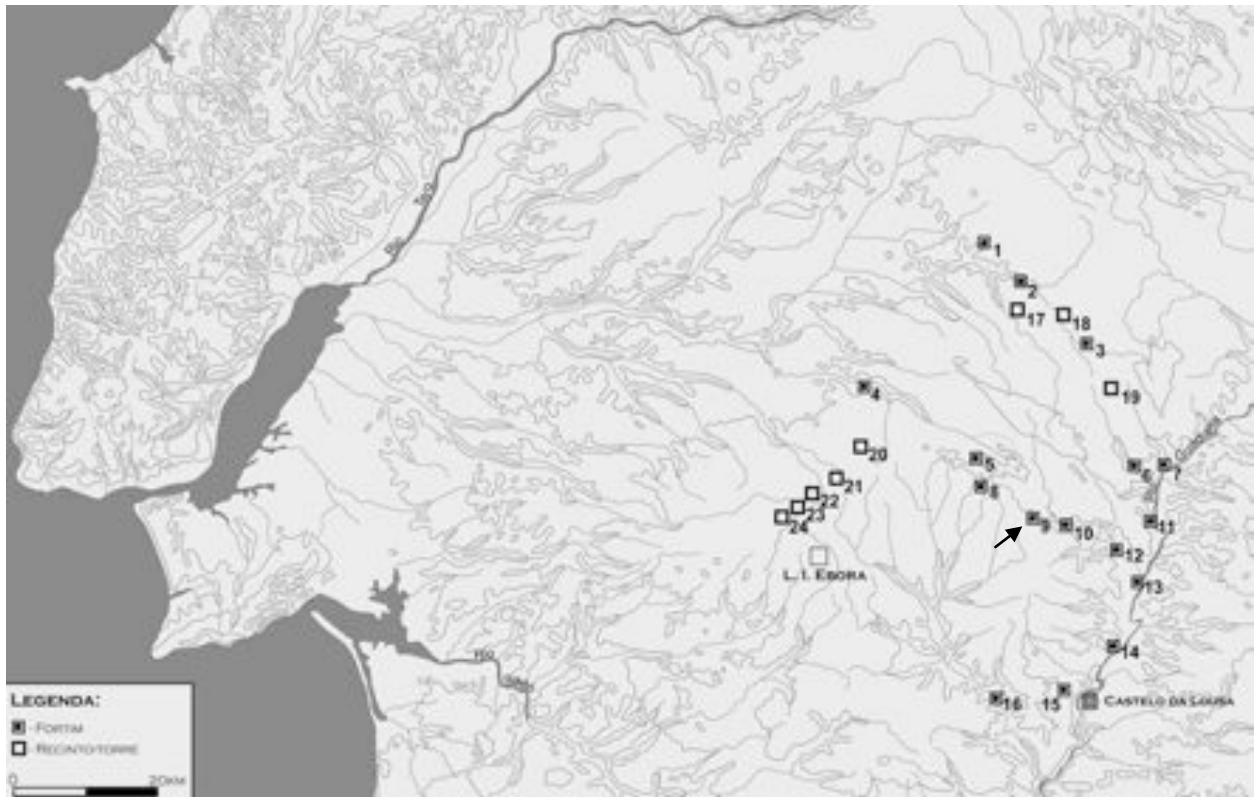


Figure 5: Distribution map of the twenty-four forts and tower enclosures in the Alto Alentejo region (Mataloto 2002, fig. 71), numbered: 1 – *Malhada das Penas* 1; 2 – *Beçudos*; 3 – *Penedo do Ferro*; 4 – *Soeiros*; 5 – *Cortes*; 6 – *Outeiro Pintado*; 7 – *Três Moinhos*; 8 – *Monte do Almo*; 9 – **Caladinho**; 10 – *Castelinho*; 11 – *Rocha de Províncias*; 12 – *Outeiro dos Castelinhos do Rosário*; 13 – *Castelo da Pena de Alfange*; 14 – *Monte do Gato* 2; 15 – *Defensinha*; 16 – *Moinho do Tojal*; 17 – *Mariano*; 18 – *Outeiro da Mina*; 19 – *Terrugem*; 20 – *Castelo do Mau Vizinho*; 21 – *Santa Justa*; 22 – *Sempre-Noiva*; 23 – *Castelo dos Mouros*; 24 – *Vale d’El-Rei de Cima*.

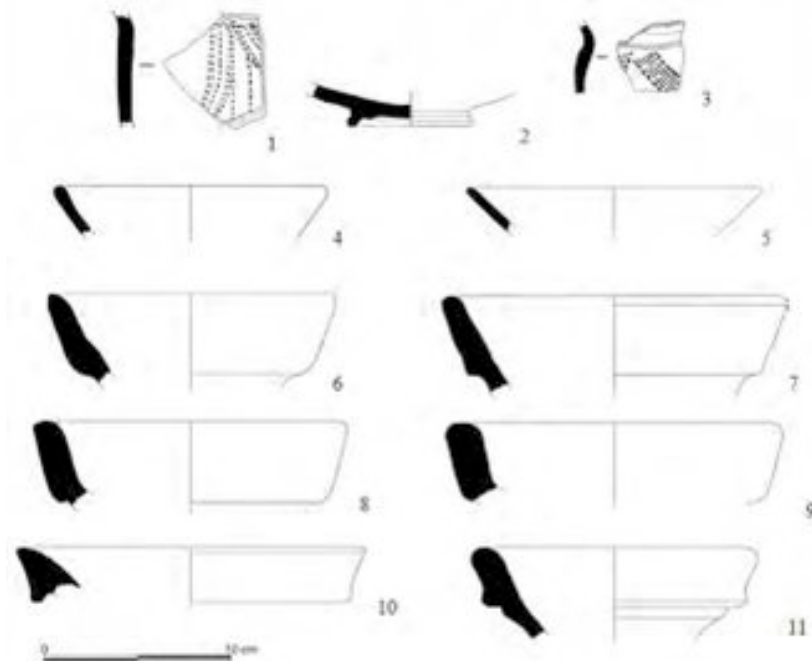


Figure 6: Ceramics collected during initial survey at Caladinho (Mataloto 2002, fig. 28): 1 and 3 – ceramic decorated with a reel; 2 – ceramic base of grey fabric; 4-5 – cups; 6-9 – amphorae of Haltern 70 amphorae; 10-11 – Dressel 7-11 amphorae.

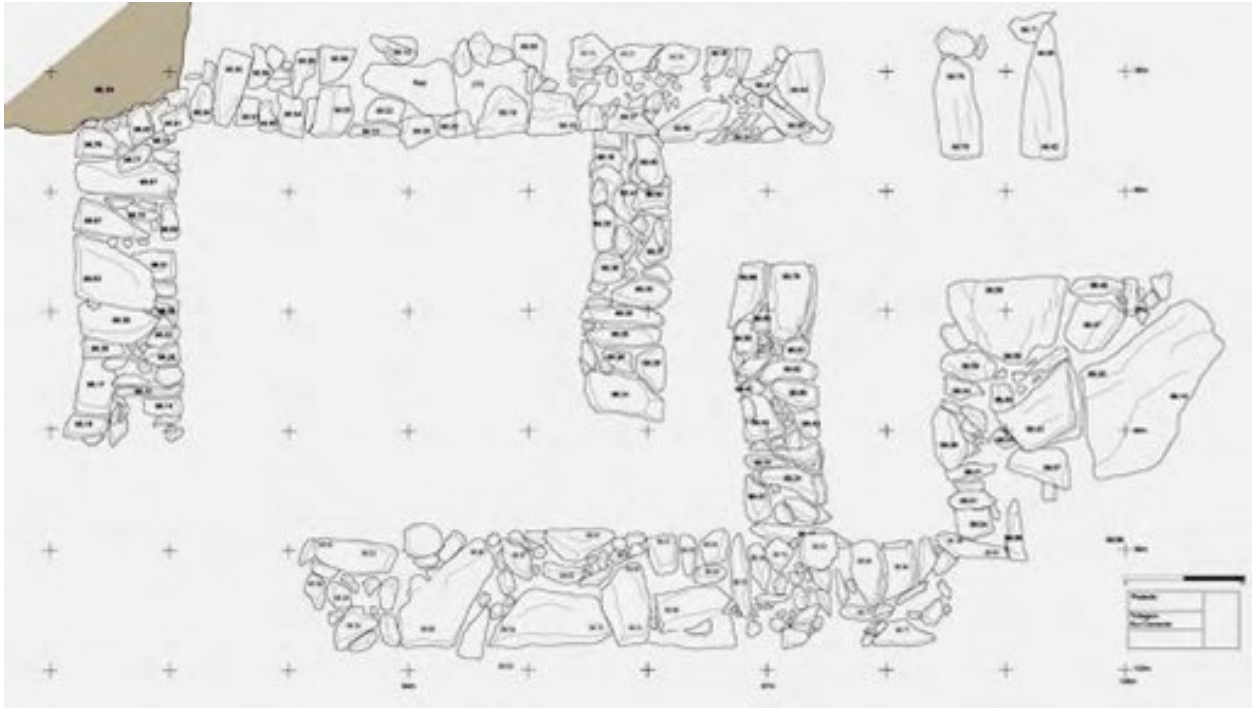


Figure 7: Plan of the excavation at Caladinho (illustration by R. Clemente).



Figure 8: Bases of Italian terra sigillata platters, one bearing the name of the potter “Dareus.”



Figure 9: Italian *terra sigillata* fragments with stamps tentatively identified as the names of “A. Vibius Scrofula” and “Camurius.”

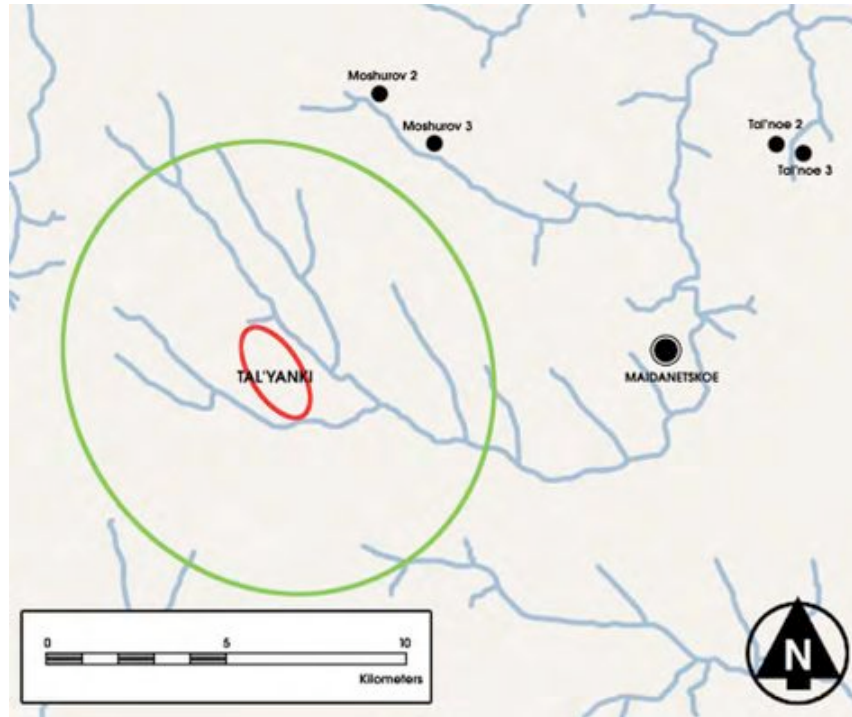


Figure 10: Representation of the Tal'yanki giant-settlement (red) with a five-kilometer site catchment radius (green) in relation to nearby settlements.

Distance from Site (km)	Area (km ²)	Population (est.)	Available Land (est.)
0	0	0	0
1	3.14	100	1000
2	12.56	400	4000
3	28.26	900	9000
4	50.24	1600	16000
5	78.50	2500	25000
6	113.04	3600	36000
7	157.08	4900	49000

Table 1: Available land area defined by 1 km intervals from the site boundary.

Population	Total Requirements (ha)	Minimum Cereals (ha)	Additional Requirements (ha)	Minimum Requirements (ha)	Minimum Cereals (ha)
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600
1600	1600	1600	0	1600	1600

Table 2: Land requirements given differential figures for population (based on 4,5,6, or 7 individuals on average per household and a total of 1600 households) and average cereal production (based on figures from Dennell and Webley 1975 and Bibikov 1965).