

**Online Resource 2 to the paper entitled ‘*Composition, raw material provenance and manufacture of a unique late Roman silver folding stand (quadripus) from Kőszárhegy, Hungary*’
by Mozgai et al.**

Results of the non-destructive handheld XRF measurements performed on the silver *quadripus* from Kőszárhegy

In order to plan the sites of samples used for elemental and lead isotope measurements, the silver *quadripus* was systematically analysed preliminarily by using a SPECTRO xSORT Combi handheld X-ray fluorescence (hXRF) spectrometer. Analytical conditions: 15–50 kV, 30–120 µA, Rh anode, Peltier cooling SDD detector, “Light Elements” built-in calibration, 3 mm measurement area, 60 sec acquisition time. The various parts were analysed at 1–4 points. The results are shown in Table B.1.

Site	No.	Ag	Cu	Au	Pb	Bi	Au/Ag	Bi/Pb
A leg, finial	A1_1	95.4	2.7	0.9	0.3	482	0.01	0.2
	A1_2	94.6	3.0	1.0	0.3	515	0.01	0.1
A leg, upper part	A2_1	96.2	1.9	0.8	0.4	1335	0.01	0.3
	A2_3	96.1	2.1	0.8	0.4	1261	0.01	0.3
A leg, griffin	A3_2	96.1	2.3	0.7	0.4	844	0.01	0.2
	A3_3	95.7	2.1	0.8	0.3	1099	0.01	0.3
A leg, lower part	A4_1	96.0	1.9	0.7	0.8	0	0.01	0.0
	A4_3	95.8	2.1	0.6	1.0	110	0.01	0.0
A leg, base	A5_1	93.2	4.8	0.8	0.7	812	0.01	0.1
	A5_2	92.1	4.7	0.9	0.6	682	0.01	0.1
B leg, finial	B1_1	95.0	2.7	0.8	0.3	487	0.01	0.2
	B1_2	94.3	3.8	0.9	0.4	552	0.01	0.1
B leg, upper part	B5_1	94.5	2.6	0.8	0.5	1373	0.01	0.3
	B2_3	93.3	2.6	0.8	0.5	1497	0.01	0.3
B leg, griffin	B3_2	95.2	3.0	0.8	0.5	210	0.01	0.0
	B3_3	94.7	3.3	0.9	0.5	374	0.01	0.1
B leg, lower part	B4_1	94.6	2.1	0.7	0.8	199	0.01	0.0
	B4_2	95.3	2.2	0.6	0.8	267	0.01	0.0
B leg, base	B5_1	93.9	3.5	0.7	0.8	832	0.01	0.1
	B5_2	93.8	3.3	0.8	0.7	812	0.01	0.1
'cross band' aI	a6_1	94.9	3.0	1.0	0.4	604	0.01	0.1
	a6_3	92.5	4.2	0.9	0.4	356	0.01	0.1
	a7_1	95.1	2.9	1.0	0.4	298	0.01	0.1
	a7_3	93.9	3.3	1.0	0.4	389	0.01	0.1
'cross band' dI	d7_1	95.9	2.1	0.7	0.3	944	0.01	0.3
	d7_3	95.2	2.5	0.6	0.2	867	0.01	0.4
'cross band' dII	d8_1	94.8	3.1	1.1	0.5	512	0.01	0.1
	d8_3	94.3	3.3	1.0	0.7	537	0.01	0.1
	d9_1	96.1	1.9	1.1	0.3	182	0.01	0.1
	d9_3	94.7	3.0	1.0	0.4	321	0.01	0.1
'cross band' cII	c8_1	95.1	2.8	0.6	0.4	1443	0.01	0.4

Site	No.	Ag	Cu	Au	Pb	Bi	Au/Ag	Bi/Pb
	c8_3	95.4	2.8	0.6	0.4	1538	0.01	0.4
	c9_1	93.3	3.4	0.7	0.4	1415	0.01	0.4
	c9_3	94.5	3.1	0.6	0.4	1495	0.01	0.4

Table B.1. Chemical composition of the different parts of the silver quadripus based on the hXRF measurements. Ag, Cu, Au, Pb is given in wt%, while Bi is given in ppm.

Preliminary XRF data clear indicate that the various parts of the legs have different chemical composition, and the cross bands form two groups based on their composition (aI and dII vs. cII and dI) (Fig. B.1).

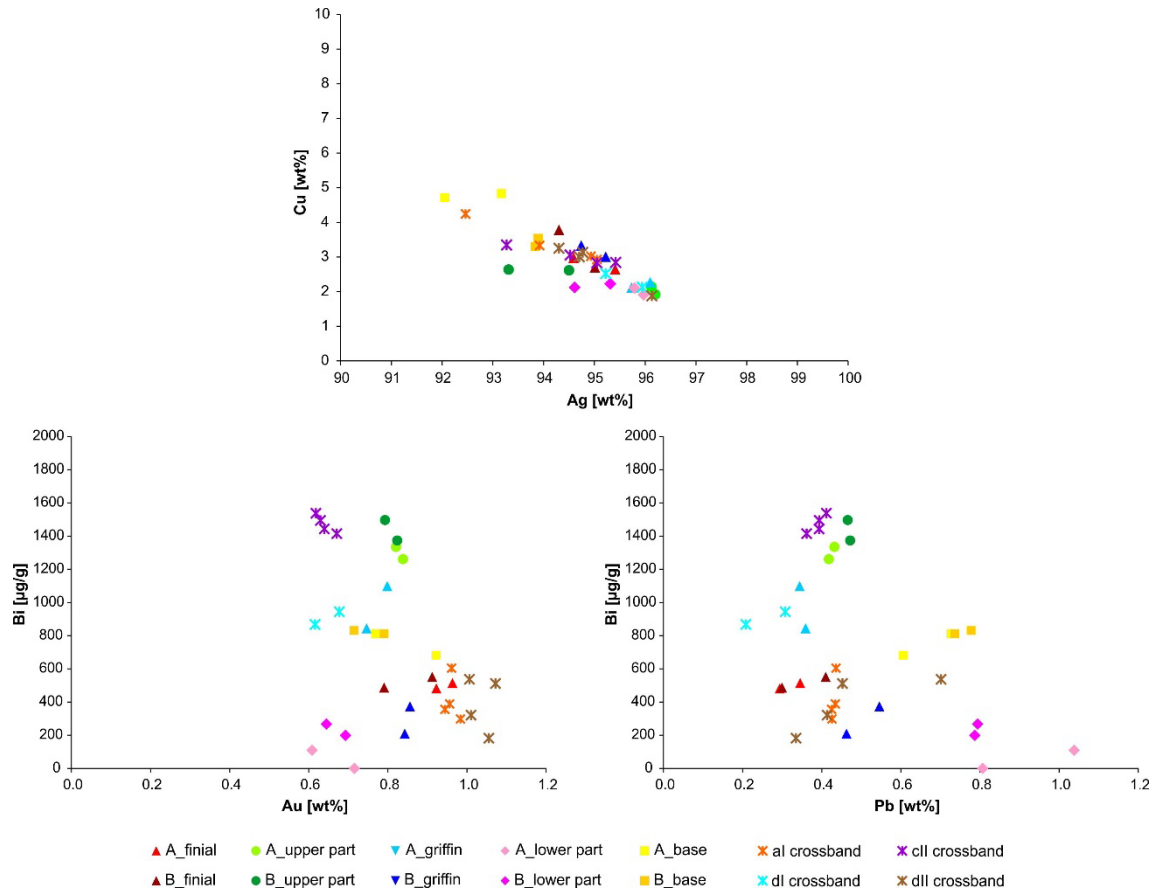


Fig. B.1. Chemical composition of the various parts of the silver folding stand based on the handheld XRF measurements.