

QUIPU AS92

Museum identification: No. G3306 (Museum Für Völkerkunde, Munich, W. Germany)

Main cord: color MB

- § 3.0 cm: group of 6 pendant cords (1-6), then space of 1.5 cm.
 6.0 cm: group of 6 pendant cords (7-12), then space of 1.0 cm.
 8.5 cm: group of 6 pendant cords (13-18), then space of 0.5 cm.
 10.0 cm: group of 6 pendant cords (19-24), then space of 1.0 cm.
 12.0 cm: group of 6 pendant cords (25-30), then space of 1.5 cm.
 14.5 cm: group of 6 pendant cords (31-36), then space of 1.0 cm.
 16.5 cm: group of 6 pendant cords (37-42), then space of 1.0 cm.
 18.5 cm: group of 6 pendant cords (43-48), then space of 1.0 cm.
 21.0 cm: group of 5 pendant cords (49-53), then space of 1.5 cm.
 23.5 cm: group of 3 pendant cords (54-56), then space of 42.0 cm.
 66.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	1s(14.0); 8s(20.5); 9L(25.5)	55.0ç	W	189	
2	1s(19.0); 7L(23.5)	57.0ç	MB	17	
3	9L(24.0)	35.5ç	MB:W	9	
4	4s(20.0); 7L(24.5)	57.0ç	W	47	
5	5s(19.5); 8L(23.5)	54.0ç	W	58	
6	1s(19.5); 2L(24.5)	58.5ç	W	12	
7	3s(20.0); 8L(25.0)	55.5ç	W	38	
8	4L(24.5)	36.0ç	MB	4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
9	2L(23.0)	39.0¢	MB:W	2	
10	3L(23.5)	46.0¢	W	3	
11	--	4.0b	W	?	
12	4L(23.0)	64.5¢	W	4	
13	4s(20.0); 1E(25.0)	54.0	W	41	
14	6L(24.0)	54.5¢	MB	6	
15	4L(23.5)	27.5b	MB:W	4	
16	1s(19.0); 3L(23.5)	63.5¢	W	13	
17	4L(23.0)	65.0¢	W	4	
18	4L(23.5)	65.5¢	W	4	
19	4s(19.5); 5L(24.0)	46.0¢	W	45	
20	9L(23.0)	45.5¢	MB	9	
21	6L(22.5)	53.5¢	MB:W	6	
22	1s(19.0); 3L(23.5)	45.5¢	W	13	
23	1s(19.0); 7L(23.0)	42.5¢	W	17	
24	6L(22.0)	36.0¢	W	6	
25	1s(18.0); 8L(22.5)	49.0¢	W	18	
26	6L(23.0)	23.0b	MB	6	
27	5L(23.0)	56.5¢	MB:W	5	
28	3L(22.0)	56.5¢	W	3	
29	8L(23.5)	54.0	W	8	
30	--	54.5¢	W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
31	3s(19.0); 1E(23.0)	48.5¢	W	31	
32	2L(23.5)	27.0b	MB	2	
33	3L(22.0)	44.0¢	MB:W	3	
34	9L(22.5)	57.5¢	W	9	
35	8L(21.5)	49.5¢	W	8	
36	6L(22.0)	49.5	W	6	
37	3s(18.0); 2L(22.5)	48.0¢	W	32	
38	--	4.5b	MB	?	
39	--	22.0b	MB:W	?	
40	7L(20.5)	45.0¢	W	7	
41	4L(21.0)	51.0¢	W	4	
42	2L(21.0)	54.0¢	W	2	
43	--	4.5b	W	?	
44	1E(22.0)	45.0¢	MB	1	
45	3L(21.0)	50.5¢	MB:W	3	
46	4L(20.5)	43.5¢	W	4	
47	4L(20.5)	44.5¢	W	4	
48	--	50.5¢	W	0	
49	1s(17.0); 5L(21.5)	42.5¢	W	15	
50	1s(18.0)	49.0¢	W	10	
51	4L(21.0)	51.5¢	MB:W	4	
52	1s(17.5)	49.0¢	W	10	

Cords	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
53	4L(22.5)	52.0	W	4	
54	2s(17.5); 1E(22.5)	36.5¢	W	21	
55	1s(17.5); 7L(22.5)	32.0¢	W	17	
56	1s(17.0); 2L(21.5)	39.0¢	W	12	

Observations

1. AS87, 89, 90, 92, 93, 94 are associated in that the Museum designates them all as donated by Gaffron, and gives Peru as the provenance. For a comparison of them, see AS87.
2. By spacing, AS92 is separated into 10 groups. The first 8 groups each have 6 pendants with the same color pattern (W, MB, MB:W, W, W, W).
3. In all 10 groups, the first pendant has maximum value.
4. Position by position, the pendant values in group 1 are larger than those in group 4, which are larger than those in group 3, which are larger than those in group 2. That is

$$P_{1i} > P_{4i} > P_{3i} > P_{2i} \quad i=1,2,\dots,8.$$

5. In a few cases, the sums of values in the same position in pairs of consecutive groups are equal. Namely,

$$P_{4i} + P_{5i} = P_{6i} + P_{7i} \quad i=1,4$$

$$P_{2i} + P_{3i} = P_{6i} + P_{7i} \quad i=4,6$$