

QUIPU AS91

Museum identification: No. 26T580 (Museum für Volkerkunde, Munich)

Main cord: color MB

- \$ 1.0 cm: group of 8 pendant cords (1-8), then space of 3.0 cm.
- 5.5 cm: group of 2 pendant cords (9-10), then space of 2.0 cm.
- 8.0 cm: group of 6 pendant cords (11-16), then space of 1.0 cm.
- 10.0 cm: pendant cord (17), then space of 1.0 cm.
- 11.0 cm: group of 5 pendant cords (18-22), then space of 1.5 cm.
- 13.5 cm: group of 5 pendant cords (23-27), then space of 4.5 cm.
- 19.0 cm: group of 4 pendant cords (28-31), then space of 1.5 cm.
- 21.5 cm: group of 4 pendant cords (32-35), then space of 1.0 cm.
- 23.5 cm: group of 3 pendant cords (36-38), then space of 1.0 cm.
- 25.0 cm: group of 3 pendant cords (39-41), then space of 1.5 cm.
- 27.0 cm: group of 2 pendant cords (42-43), then space of 1.5 cm.
- 29.0 cm: group of 2 pendant cords (44-45), then space of 2.0 cm.
- 31.5 cm: group of 7 pendant cords (46-52), then space of 1.0 cm.
- 34.0 cm: pendant cord (53), then space of 1.5 cm.
- 35.5 cm: group of 6 pendant cords (54-59), then space of 1.5 cm.
- 38.5 cm: group of 6 pendant cords (60-65), then space of 1.5 cm.
- 41.0 cm: group of 6 pendant cords (66-71), then space of 1.0 cm.
- 43.0 cm: group of 5 pendant cords (72-76), then space of 1.0 cm.
- 45.0 cm: group of 5 pendant cords (77-81), then space of 1.5 cm.
- 47.5 cm: group of 7 pendant cords (82-88), then space of 0.5 cm.
- 49.0 cm: pendant cord (89), then space of 30.0 cm.
- 79.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	--	1.5b	W	?	
2	2s(15.0)	22.0b	MB	2?	
3	--	3.0b	KB:PG	?	
4	--	2.0b	KB:PG	?	
5	--	2.0b	MB	?	
6	5s(8.5)	30.5ç	W	50	
7	5s(8.5)	27.0ç	MB	50	
8	3s(14.5)	34.0ç	KB:W	30	
9	2s(15.0)	15.0b	KB	(2+)?	
10	--	14.5b	KB	?	
11	5L(6.5); 8L(12.0)	25.5ç	W	5+8	
12	3L(6.0); 8L(10.5)	26.5ç	W	3+8	
13	3L(6.0); 4L(11.0)	28.0ç	W	3+4	
14	3L(6.0); 3L(11.5)	31.0ç	W	3+3	
15	3L(6.5); 4L(11.5)	30.0ç	W	3+4	
16	2L(6.0); 7L(11.5)	18.5b	W	2+7	
17	1s(6.5); 6L(11.5); 2s(15.5)	24.5b	KB	16+20	
18	1s(6.5); 1s(12.5)	38.5ç	W	110	
19	4L(13.0)	32.5ç	W	4	
20	4L(13.5)	35.0ç	W	4	
21	3L(13.0)	36.0ç	KB	3	
22	4L(13.0)	19.5b	KB	4	
23	3L(10.5); 4L(17.5)	36.0ç	KB	4+4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
24	4L(10.0); 4L(16.0)	32.5¢	W	4+4	
25	4L(10.5); 4L(17.0)	37.5¢	KB	4+4	
26	4L(10.5); 2L(16.5)	16.5b	W	4+2	
27	4L(10.5); 4L(16.5)	27.0¢	W	4+4	
28	--	8.5b	KB	?	
29	1E(14.5)	32.5¢	MB	1	
30	1E(15.5)	30.0¢	W	1	
31	1E(16.0)	36.0¢	MB	1	
32	--	0.5b	KB	?	
33	1E(14.5)	20.0b	MB	1	
34	1E(14.5)	25.5¢	W	1	
35	1E(15.0)	36.5¢	MB	1	
36	--	8.0b	KB	?	
37	1E(14.5)	25.5b	MB	1	
38	1E(15.0)	37.0¢	W	1	
39	1E(14.0)	22.5b	KB	1	
40	1E(14.0)	31.5¢	MB	1	
41	1E(14.5)	36.5¢	W	1	
42	1E(13.5)	35.5¢	W	1	
43	2L(12.5)	29.5¢	W	2	
44	1E(14.5)	37.0¢	W	1	
45	2L(14.5)	29.0¢	W	2	
46	1s(7.5); 3L(15.0)	31.0¢	KB	13	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
47	2s(7.0); 1E(15.0)	33.0¢	KB	21	
48	--	9.0b	KB	?	
49	6L(15.0)	29.5¢	MB	6	
50	5L(14.0)	29.5¢	MB	5	
51	1s(7.0); 2L(15.5)	31.5¢	MB	12	
52	3L(14.0); 3L(18.0)	24.0¢	W	3+3	
53	6s(8.5); 2L(15.0)	25.5¢	W	62	
54	4L(15.0)	35.0¢	W	4	
55	3L(14.5)	36.0¢	W	3	
56	3L(15.0)	41.5¢	W	3	
57	2L(14.5)	43.0¢	W	2	
58	3L(14.0)	32.5¢	W	3	
59	3L(14.5)	31.0¢	W	3	
60	5L(16.0)	40.0¢	W	5	
61	3L(16.0)	37.5¢	W	3	
62	3L(16.0)	33.5¢	W	3	
63	2L(16.0)	24.0¢	W	2	
64	3L(15.0)	37.0¢	W	3	
65	5L(15.0)	19.5b	W	5	
66	5L(17.0)	35.0¢	MB	5	
67	2L(17.0)	42.0¢	MB	2	
68	2L(17.0)	36.5¢	MB	2	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
69	1E(17.5)	39.0¢	MB	1	
70	1E(17.5)	34.0¢	MB	1	
71	3L(5.0)	30.5¢	MB	3+0	
72	--	15.0b	MB	?	
73	3L(16.0)	32.0¢	MB	3	
74	--	16.5b	MB	?	
75	4L(16.5)	26.5b	MB	4	
76	4L(16.5)	20.5b	MB	4	
77	1s(8.0); 6L(13.0); 9L(19.0)	26.0¢	W	16+9	
78	9L(12.5)	19.5	W	9	
79	1s(7.5)	35.0¢	W	10	
80	9L(12.5)	31.0¢	W	9	
81	7L(11.5)	32.0¢	W	7	
82	6L(17.0)	34.0¢	W	6	
83	1s(8.5); 1E(17.5)	35.0¢	W	11	
84	1s(8.5); 7L(17.0)	31.0¢	W	17	
85	6L(17.0)	33.0¢	W	6	
86	4L(16.5)	35.0¢	W	4	
87	5L(16.5)	33.5¢	W	5	
88	7L(16.0)	28.0¢	W	7	
89	1s(4.0); 1s(9.0); 6L(16.0)	24.5b	W	116	

Observations

1. By spacing, there are 3 groups followed by a single pendant, then 9 groups followed by a single pendant, then 6 groups followed by a single pendant.
2. Groups 4-11 are paired in size and color. The number of pendants per group are 5, 5, 4, 4, 3, 3, 2, 2 respectively. The first 2 of these groups each have 3W and 2KB cords but in different orders; then 2 groups have the color pattern KB, MB, W, MB; the next 2 groups continue this pattern but without the final color (KB, MB, W); and the last 2 groups are both all W. Groups 13-18 are also paired in color: 2 groups are W; then 2 are MB; and then 2 are W.
3. Many of the pendants contain multiple values. For example, we interpret the value of pendant 11 as 5&8, and the value of pendant 77 as 16&9. With this interpretation, the values of the 12 pendants in groups 15 and 16 sum to the value of the single pendant that follows them.