

QUIPU AS115

Museum identification: No. VA47089 (Museum Für Völkerkunde, Berlin)

Main cord: color MB:ØD

- § 5.5 cm: group of 4 pendant cords, 1 top cord, 3 pendant cords (1-4, T1, 5-7), then space of 4.0 cm.
- 11.0 cm: group of 3 pendant cords, 1 top cord, 4 pendant cords (8-10, T2, 11-14), then space of 2.0 cm.
- 15.0 cm: group of 3 pendant cords, 1 top cord, 4 pendant cords (15-17, T3, 18-21), then space of 3.0 cm.
- 20.0 cm: group of 4 pendant cords, 1 top cord, 3 pendant cords (22-25, T4, 26-28), then space of 1.5 cm.
- 23.0 cm: group of 4 pendant cords, 1 top cord, 3 pendant cords (29-32, T5, 33-35), then space of 1.5 cm.
- 26.5 cm: group of 4 pendant cords, 1 top cord, 3 pendant cords (36-39, T6, 40-42), then space of 2.5 cm.
- 31.0 cm: group of 3 pendant cords, 1 top cord, 3 pendant cords (43-45, T7, 46-48), then space of 30.0 cm.
- 62.5 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	6s(6.0); 6s(16.5); 3L(28.5)	59.5ç	W	663	
2	6s(6.0); 6s(16.5); 3L(29.0)	47.5ç	W	663	
3	5s(6.0); 7s(17.0); 7L(27.5)	64.0ç	W	577	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
4	5s(6.5); 4s(16.5); 6L(25.5)	65.5¢	W	546	
T1	--	96.5¢	DB	0	
5	5s(6.5); 5s(15.5); 5L(23.5)	51.0¢	W	555	
6	5s(6.0); 5s(15.0); 3L(23.0)	41.0¢	W	553	
7	--	68.5¢	W	0	
8	2s(5.5); 2s(14.5); 4L(23.5)	70.5¢	∅D	224	
9	2s(6.0); 7L(24.0)	72.5¢	∅D	207	
10	2s(5.5); 1s(12.0); 7L(20.0)	68.5	∅D	217	
T2	--	88.5¢	MB	0	
11	1s(6.0); 8s(15.0); 8L(23.0)	40.5¢	∅D	188	
12	2s(6.0); 5L(24.5)	72.0¢	∅D	205	
13	2s(5.5); 1s(13.0); 3L(24.0)	54.0¢	∅D	213	
14	--	72.0¢	∅D	0	
15	1s(4.5); 4s(13.0); 6L(25.0)	55.0¢	G:W	146	
16	2s(4.5); 3s(12.0); 3L(24.0)	54.0¢	G:W	233	
17	2s(4.5); 6s(12.5); 6L(24.0)	47.5¢	MB:W	266	
T3	--	74.5¢	LB	0	
18	2s(5.0); 6s(11.5); 6L(24.0)	58.5¢	G:W	266	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
19	2s(5.0); 2s(10.0); 5L(22.0)	53.5¢	∅D:W	225	
20	2s(5.0); 4s(10.5); 5L(20.5)	47.0¢	G:W	245	
21	--	55.5¢	G:W	0	
22	1s(5.0); 3s(10.0); 5L(22.0)	81.5¢	MB	135	
23	3s(5.5); 1s(9.5); 4L(22.5)	60.5¢	MB:∅D	314	
24	2s(5.0); 8s(11.5); 8L(22.5)	48.0¢	MB	288	
25	2s(4.5); 9s(11.0); 8L(22.0)	76.0¢	MB	298	
T4	--	91.5¢	∅D	0	
26	3s(5.0); 5s(10.0); 8L(21.0)	70.5¢	MB	358	
27	2s(5.0); 8s(11.0); 8L(22.0)	58.0¢	MB	288	
28	--	64.5¢	MB:∅D	0	
29	1s(5.0); 8s(11.5); 4L(23.0)	53.0¢	LB	184	
30	2s(5.0); 3s(10.0); 6L(21.5)	47.0¢	LB	236	
31	2s(5.0); 3s(9.5); 7L(21.5)	50.0¢	LB	237	
32	2s(4.5); 5s(10.0); 7L(19.5)	54.5¢	LB	257	
T5	--	74.0¢	DB	0	
33	2s(5.5); 2s(9.5); 4L(22.0)	63.5¢	LB	224	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
34	2s(5.5); 8s(12.0); 8L(21.5)	38.5¢	LB	288	
35	--	73.5¢	LB	0	
36	1s(4.5); 7s(10.5); 7L(21.0)	75.0¢	DB	177	
37	2s(4.5); 9s(11.0); 4L(19.5)	55.0¢	DB	294	
38	3s(5.0); 6L(22.5)	71.0¢	DB	306	
39	2s(4.0); 8s(11.0); 4L(23.0)	68.5¢	DB	284	
T6	--	94.5¢	MB:W	0	
40	2s(4.0); 8s(10.0); 4L(22.0)	70.5¢	DB	284	
41	3s(4.5); 5s(9.5); 5s(20.5)	67.0¢	DB	355	
42	--	74.5	DB	0	
43	1s(3.0); 4s(8.0); 6L(22.0)	63.0¢	B	146	
44	1s(3.0); 4s(8.0); 6L(20.5)	51.0¢	B	146	
45	2s(2.5); 3s(7.5); 7L(19.0)	46.0¢	B	237	
T7	--	76.0¢	W	0	
46	1s(2.5); 4s(8.0); 5L(20.5)	53.0¢	B	145	
47	1s(2.0); 3s(6.5); 4L(19.0)	53.0¢	B	134	
48	2s(3.0); 3s(7.0); 8L(17.5)	44.0¢	B	238	

Observations

1. This is one of several quipus acquired by the Museum in 1907 with provenance Ica. For a list of them, see AS100.
2. By spacing, the quipu is separated into 7 groups of 7 pendants each (with the exception of the last group which has only 6 pendants). Each group has a top cord which is attached to the main cord just after the third (groups 2, 3, 7) or fourth (groups 1, 4, 5, 6) pendant.
3. In groups 1, 2, 5, 6, 7, all pendants in a group are the same color.
4. Each top cord differs in color from the pendants of the associated group. All of the top cords are zero-valued (or blank).
5. In all groups where it exists, the 7th pendant is zero-valued (or blank). The non-zero values are restricted to 546-663 in group 1 and to 134-356 in the other 6 groups.
6. With a discrepancy of 1, the sum of the values in the 4th position in each group equals the sum of the values in the 5th positions. Also, each has a subsum of 1000. That is,

$$\sum_{i=1}^3 P_{i4} = \sum_{i=4}^7 P_{i5} = 1000;$$

$$\sum_{i=1}^7 P_{i4} = \sum_{i=1}^7 P_{i5}$$

7. The sums of the last 3 values in groups 2 and 3 are equal:

$$\sum_{j=4}^7 P_{2j} = \sum_{j=4}^7 P_{3j}$$