

## QUIPU AS151

Museum identification: No. VA42514 (Museum für Völkerkunde, Berlin)

Main cord: color KB-W

§ 6.0 cm: pendant cord (1), then space of 1.0 cm.

7.0 cm: group of 6 pendant cords (2-7), then space of 2.5 cm.

11.0 cm: group of 12 pendant cords (8-19), then space of 3.5 cm.

17.5 cm: group of 4 pendant cords (20-23), then space of 73.5 cm.

92.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	—	20.0ç	LB	0	2:2.5,4.5
1s1	3L(17.0)	51.0ç	W	3	1:0.5
1s1s1	3L(15.0)	39.5ç	W	3	
1s2	2L(13.5)	25.0ç	W	2	
2	1s(7.0);3L(19.0)	51.0ç	LB	13	
3	1s(7.0);3L(17.5)	50.5ç	W	13	
4	8L(20.5);2L(31.0)	41.5ç	LB	8&2	1:2.0
4s1	3L(19.0)	52.0ç	W	3	
5	—	8.0b	LB	?	1:2.5
5s1	5L(18.0)	44.5ç	W	5	
6	2L(19.0)	46.5ç	LB	2	1:2.5
6s1	3L(17.5)	57.0ç	W	3	
7	1E(19.0)	46.5ç	LB	1	1:2.0
7s1	2L(15.5)	43.0ç	W	2	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
8	6L(20.5)	42.0¢	LB	6	5:2.0-3.0
8s1	1E(16.0)	48.0¢	LB	3	
8s2	1E(16.5)	48.0¢	LB	1	
8s3	2L(16.0)	45.5¢	LB	2	
8s4	2L(16.0)	47.0¢	LB	2	
8s5	5L(16.0)	50.5¢	LB	5	1:0.5
8s5s1	7L(14.5)	45.0¢	LB	7	
9	5L(19.0)	41.0¢	LB	5	2:2.0-2.5
9s1	2L(17.0)	47.5¢	LB	2	
9s2	3L(16.0)	48.5¢	LB	3	1:0.5
9s2s1	2L(15.0)	42.5¢	LB	2	
10	5L(19.5)	42.5¢	LB	5	1:2.0
10s1	1E(15.5)	42.0¢	LB	1	
11	5L(18.0)	45.0¢	LB	5	1:2.5
11s1	4L(13.5)	41.5¢	LB	4	
12	5L(17.0)	45.5¢	LB	5	
13	6L(19.0)	43.5¢	W	6	1:2.0
13s1	1E(16.5)	46.5¢	W	1	
14	5L(18.5)	45.0¢	W	5	1:1.0
14s1	1E(17.5)	47.5¢	W	1	1:0.5
14s1s1	2L(16.0)	50.5¢	W	2	
15	5L(17.0)	46.5¢	W	5	
16	5L(16.5)	45.0¢	W	5	1:2.0

Cord	Knots	Length	Color	Value	Subsidiaries
	(no., type, position)				(no., position)
16s1	1E(14.5)	46.5¢	W	1	
17	5L(15.0)	44.5¢	W	5	
18	2s(5.5);6L(18.0)	46.0	LB	26	1:2.0
18s1	2s(3.5);3L(16.0)	40.5¢	LB	23	
19	2s(5.0);6L(16.5)	40.0¢	W	26	1:2.0
19s1	3L(14.5)	45.5¢	W	3	
20	--	45.0	LB	0	
21	--	58.5¢	LB	0	
22	--	56.0¢	LB	0	
23	--	54.5¢	LB	0	

#### Observations

1. This is one of several quipus acquired by the Museum in 1907 with provenance Pachacamac. For a list of them, see AS97.
2. By spacing, the quipu is separated into 4 groups of 1, 6, 12, and 4 pendants respectively.
  - a) The pendant in group 1 and the pendants in group 4 are LB and zero-valued (or blank). The subsidiaries in group 1 are W and non-zero.
  - b) The 6 pendants of group 2 are one pair of pendants LB, W and then 4 LB pendants each with a W subsidiary. Each of the values in the first pair is 13; the 4 LB pendant values sum to 13; and 4 W subsidiaries sum to 13.
  - c) The 12 pendants of group 3 are 5 LB pendants with LB subsidiaries, then 5 W pendants with W subsidiaries, and then 1 pair of pendants LB, W each with

a subsidiary of the same color. The first 5 LB pendant values sum to 26; then the 5 W pendant values sum to 26; and each of values in the last pair is 26. Excluding subsidiaries suspended from subsidiaries rather than from pendants, the subsidiaries also sum to 26.

d) With the exception of the subsidiaries of subsidiaries of group 3, all the values in groups 2 and 3 are summarized in Table 1.

	Color LB	Color W
Group 2	$P_{21}=13$ $\sum_{i=3}^6 P_{2i}=13$	$P_{22}=13$ $\sum_{i=3}^6 P_{2i} \text{ subsidiaries}=13$
Group 3	$P_{3,11}=26$ $\sum_{i=1}^5 P_{3i}=26$ $\sum_{i=1}^5 P_{3i} \text{ subsidiaries}=P_{3,11} \text{ subsidiary}$	$P_{3,12}=26$ $\sum_{i=6}^{10} P_{3i}=26$ $\sum_{i=1}^5 P_{3i} \text{ subsidiaries}=P_{3,12} \text{ subsidiary}$
	$\sum_{i=1}^{10} P_{3i} \text{ subsidiaries} = P_{3,11} \text{ subsidiary} + P_{3,12} \text{ subsidiary} = 26$	

TABLE 1