

QUIPU AS129

Museum identification: No. VA77098 (Museum Für Völkerkunde, Berlin)

Main cord: color W

\$55.5 cm: group of 7 pendant cords (1-7), then space of 3.5 cm.

60.5 cm: group of 7 pendant cords (8-14), then space of 1.0`cm.

63.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	1s(3.0); 1s(7.0); 1s(15.0); 3L(24.5)	50.0ç	MB	1113	
2	1s(3.0); 7s(9.0); 4s(17.0); 8L(24.0)	32.0ç	EB	1748	
3	1s(3.0); 4s(8.0); 7s(17.5); 5L(25.0)	37.5ç	B	1475	
4	1s(3.0); 6s(9.0); 9s(19.0); 5L(25.5)	27.0ç	MB:W	1695	
5	1s(3.0); 4s(9.5); 2s(17.5); 8L(24.0)	30.0ç	B:W	1428	
6	1s(3.0); 3s(9.5); 3s(17.0); 3L(23.0)	43.5ç	W	1333	
7	3s(3.5); 9s(11.0); 2s(16.5); 1E(23.5)	36.5ç	W	3921	
8	1s(4.0); 5s(11.0); 8L(23.5)	31.5ç	MB	1508	
9	1s(4.0); 8s(12.0); 1s(22.0)	41.5ç	EB	1810	
10	1s(4.0); 6s(11.0); 7s(17.5); 6L(23.5)	26.0ç	B	1676	
11	1s(4.5); 7s(11.5); 1s(16.0); 6L(26.0)	32.5ç	MB:W	1716	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
12	1s(5.0); 4s(11.0); 7s(18.0); 3L(26.0)	29.5¢	B:W	1473	
13	1s(5.0); 1s(11.0); 3s(18.0); 3L(27.0)	41.5¢	W	1133	
14	4s(6.0); 7s(12.5); 7s(19.5); 8L(23.5)	27.5¢	W	4778	

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 2 groups of 7 pendants each. Both groups have the same color pattern: MB, EB, B, MB:W, B:W, W, W.
3. With the exception of the first position, values in both groups are in the same relative order. Specifically,

$$P_{i7} > P_{i2} > P_{i4} > P_{i3} > P_{i5} > P_{i6} \quad i=1,2.$$

4. With the exception of the 6th position, the values of group 2 are greater than those in corresponding positions in group 1.

$$P_{2j} > P_{1j} \quad j=1,2,\dots,5,7.$$

5. The last value in group 1 is the sum of 3 other values in the group:

$$P_{17} = P_{11} + P_{13} + P_{16}.$$

6. a) Two pairs of values in group 1 have the same sum. In both pairs, the values are 3 positions apart.

$$P_{11} + P_{14} = P_{13} + P_{16}.$$

- b) With a discrepancy of 1, the sum is the same for a pair of values in corresponding positions in both groups.

$$P_{13} + P_{16} \sim P_{23} + P_{26}.$$