QUIPU AS138

Museum identification: No. VA47121 (Museum Für Völkerkunde, Berlin)

Main cord: color LB:G

¢ 5.5 cm: group of 7 pendant cords (1-7), then space of 1.0 cm.

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

10.5 cm: group of 7 pendant cords (15-21), then space of 3.5 cm.

15.5 cm: group of 7 pendant cords (22-28), then space of 8.5 cm.

26.0 cm: group of 7 pendant cords (29-35), then space of 11.0 cm.

38.5 cm: end ¢

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	6s(12.0)	71.0¢	CB	60	
2	6s(12.0)	45.5¢	VG	60	
3	6s(12.5)	47.5¢	LB	60	
4	4s(11.5)	54.0¢	LB	40	
5	3s(12.0); 3L(19.5)	45.5¢	G	33	
6	1s(5.5); 6s(12.0)	40.5¢	EB/W (18.5/40.5)	160	
7	1s(5.5); 6s(12.0)	37.0¢	LB/W (19.5/37.0)	160	
8	9s(13.5)	56.5¢	CB	90	
9	9s(13.5)	43.5¢	VG	90	
10	8s(13.0)	55.0¢	LB	80	
11	6s(13.0)	58.0¢	LB	60	
12	4s(12.5); 5s(19.0)	55.0¢	G	45(?)	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
13	2s(5.0); 2s(12.0)	44.5¢	EB/W (16.5/44.5)	220	
14	2s(5.0); 2s(12.0)	36.0¢	LB/W (19.0/36.0)	220	
15	5s(12.5)	51.5¢	CB	50	
16	5s(13.0)	56.0¢	VG	50	
17	6s(13.0)	60.0¢	LB	60	
18	4s(12.5)	40.5¢	LB	40	
19	2s(12.0); 2s(18.0)	57.0¢	G	22(?)	
20	1s(4.5); 2s(12.5)	41.5¢	EB/W (16.5/41.5)	120	
21	1s(5.0); 2s(12.5)	34.0¢	LB/W (25.0/34.0)	120	
22	4s(13.0); 5s(21.5)	48.0¢	CB	45(?)	
23	4s(13.5); 5s(21.5)	43.0¢	VG	45(?)	
24	4s(11.5)	40.5¢	LB	40	
25	3s(12.0)	42.0¢	LB	30	
26	2s(12.0); 5L(25.0)	33.0¢	G	25	
27	1s(5.0); 1s(12.0)	39.5¢	EB/W (33.0/39.5)	110	
28	1s(5.5); 1s(12.0)	51.0¢	LB/W (23.0/51.0)	110	
29	7s(14.5); 5L(23.5)	51.5¢	CB	75	
30	7s(14.0); 6L(22.0)	40.5¢	VG	76	
31	8s(14.0); 4L(22.5)	43.5¢	LB	84	
32	5s(13.0)	42.5¢	LB	50	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
33	3s(14.0); 5L(23.5); 1s(43.5)	57.5¢	G	35+1(?)	
34	1s(7.5); 8s(14.0); 3L(22.5)	38.5¢	EB/W (22.5/38.5)	183	
35	1s(8.0); 8s(15.0); 3L(23.0)	26.0¢	LB/W (15.0/26.0)	183	

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 5 groups of 7 pendants each. Each group has the same color pattern: CB, VG, LB, LB, G, EB/W, LB/W.

3. In each group, the values of the first 2 pendants are the same and the values of the last 2 pendants are the same (with a discrepancy of 1 in group 4). The other pendant values have the same relative magnitudes. Specifically,

$$P_{i1} = P_{i2}; \quad P_{i3} > P_{i4} > P_{i5}; \quad P_{i6} = P_{i7} \qquad i=1,2,3,4,5$$

4. To within 2%, the ratio of the values of the first and last pendants in groups 2-5 are the same. That is,

$$\frac{P_{i7}}{P_{i1}} \approx 2.4 \qquad i=2,3,4,5.$$