

QUIPU AS46

Museum identification: No. 17/565 (Museo Nacional, Lima, Peru)

Main cord: color LB-BY

- \$ 1.0 cm: group of 4 pendant cords (1-4), then space of 1.0 cm.
- 3.0 cm: pendant cord (5), then space of 0.5 cm.
- 3.5 cm: pendant cord (6), then space of 0.5 cm.
- 4.0 cm: pendant cord (7), then space of 1.5 cm.
- 5.5 cm: pendant cord (8), then space of 0.5 cm.
- 6.0 cm: pendant cord (9), then space of 0.5 cm.
- 6.5 cm: group of 7 pendant cords (10-16), then space of 1.0 cm.
- 9.5 cm: group of 3 pendant cords (17-19), then space of 0.5 cm.
- 11.0 cm: pendant cord (20), then space of 1.0 cm.
- 12.0 cm: group of 2 pendant cords (21-22), then space of 0.5 cm.
- 13.0 cm: group of 5 pendant cords (23-27), then space of 0.5 cm.
- 14.5 cm: pendant cord (28), then space of 0.5 cm.
- 15.0 cm: group of 6 pendant cords (29-34), then space of 0.5 cm.
- 17.0 cm: group of 2 pendant cords (35-36), then space of 1.5 cm.
- 19.0 cm: group of 3 pendant cords (37-39), then space of 2.5 cm.
- 22.5 cm: pendant cord (40), then space of 2.0 cm.
- 24.5 cm: group of 7 pendant cords (41-47), then space of 1.5 cm.
- 27.5 cm: group of 4 pendant cords (48-51), then space of 2.0 cm.
- 30.0 cm: group of 2 pendant cords (52-53), then space of 1.0 cm.
- 31.5 cm: group of 3 pendant cords (54-56), then space of 1.0 cm.
- 33.5 cm: group of 3 pendant cords (57-59), then space of 1.5 cm.
- 36.0 cm: group of 3 pendant cords (60-62), then space of 1.5 cm.

38.0 cm: group of 3 pendant cords (63-65), then space of 1.5 cm.
 40.0 cm: group of 3 pendant cords (66-68), then space of 1.5 cm.
 42.0 cm: group of 3 pendant cords (69-71), then space of 1.5 cm.
 44.0 cm: group of 3 pendant cords (72-74), then space of 1.5 cm.
 46.0 cm: group of 3 pendant cords (75-77), then space of 2.0 cm.
 48.5 cm: pendant cord (78), then space of 12.0 cm.
 61.0 cm: pendant cord (79), then space of 1.0 cm.
 62.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	6s(6.0); 3L(13.0)	19.0ç	BY	63	2:0.0-0.5
1s1	5s(6.0); 8L(13.0)	19.0ç	BY:LA	58	
1s2	2L(13.0)	29.0ç	DB	2	
2	--	28.0ç	LB:LA	0	1:0.5
2s1	--	21.0	BY	0	
3	--	37.0ç	LB:BY	0	1:0.5
3s1	--	38.0ç	BY:LA	0	
4	1s(2.0); 9s(7.5); 1E(13.5)	26.5ç	LB	191	
5	--	37.0ç	BY	0	2:0.0-0.5
5s1	2s(6.0); 5L(13.0)	29.0ç	DB	25	
5s2	3s(5.0); 4L(10.5)	19.5ç	LA	34	1:0.5
5s2s1	1s(4.0)	32.0ç	BY:LA	10	
6	8L(11.0)	34.5ç	BY	8	1:0.5
6s1	4L(9.0)	38.0ç	LB:BY	4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
7	--	38.0¢	BY	0	2:0.0-0.5
7s1	2s(5.5); 2L(12.5)	30.5¢	DB	22	
7s2	1s(6.0)	34.0¢	BY:LA	10	2:0.5-1.0
7s2s1	1E(11.5)	29.5¢	LB:LA	1	
7s2s2	3s(5.5); 3L(11.5)	24.5¢	LA	33	
8	--	39.0¢	BY	0	3:0.0-0.5
8s1	3L(9.5)	14.5¢	DB	3	
8s2	1E(9.0)	23.0¢	BY:LA	1	
8s3	8L(10.0)	25.0¢	LB:LA	8	
9	3L(15.0)	30.0¢	LA	3	1:0.5
9s1	1s(4.5)	31.5¢	BY:LA	10	
10	5L(11.5)	35.5¢	LB	5	
11	2L(11.5); 1E(18.5)	33.5¢	LB		
12	1s(4.0); 6L(10.0)	27.0¢	LB	16	
13	7s(6.0); 3L(10.0)	26.0¢	ØR	73	5:0.0-1.0
13s1	4L(7.5)	36.5¢	BY:LA	4	1:0.5
13s1s1	4L(8.0)	22.5¢	LB	4	
13s2	4L(8.0)	32.0¢	DB	4	
13s3	1s(4.0)	30.0¢	LB	10	
13s4	3s(5.5); 4L(8.0)	10.0¢	BY:LA	34	
13s5	2s(5.0); 2L(8.5)	12.5	DB:W	22	
14	3s(7.0)	41.0¢	LB	30	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
15	--	44.0¢	BY	0	1:0.5
15s1	1s(7.0)	41.0¢	LB	10	
16	1s(2.5)	23.5¢	LB	100	
17	--	37.0¢	BY	0	2:0.0-0.5
17s1	1E(10.0)	26.0¢	BY:LA	1	
17s2	8L(10.0)	26.0¢	LB:LA	8	
18	1E(8.0); 1E(19.0)	23.0¢	LA	1+1(?)	1:0.5
18s1	1s(5.0)	32.0¢	BY:LA	10	
19	3s(5.0); 4L(9.5)	25.5¢	LB	34	4:0.0-0.5
19s1	4L(10.0)	33.0¢	BY:LA	4	
19s2	4s(6.0); 1E(11.5)	32.5¢	DB	41	
19s3	1s(5.0); 5L(10.5)	26.5¢	LB	15	
19s4	4L(10.0)	27.0¢	LB:LA	4	
20	8L(9.0)	30.0¢	BY	8	1:0.5
20s1	4L(8.0)	35.5¢	LB:BY	4	
21	4L(10.0)	32.0¢	BY	4	1:0.5
21s1	3L(11.0)	32.0¢	LB:LA	3	
22	1s(5.0); 2L(11.0)	34.0¢	LA	12	
23	--	38.0¢	LB	0	
24	--	32.0¢	LB:BY	0	
25	--	27.0¢	LB	0	
26	--	32.0¢	BY:LA	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
27	1s(2.0); 2L(14.5)	29.5¢	LB	102	2:0.0-0.5
27s1	2s(5.0); 3L(13.5)	31.5	LB	23	2:0.0-0.5
27s1s1	2L(9.0)	25.5¢	DB	2	
27s1s2	4L(13.0)	31.0	BY:LA	4	
27s2	3s(4.5); 9L(9.5)	28.5¢	LB	39	
28	8L(8.0)	29.0¢	BY	8	1:0.5
28s1	2L(8.0)	38.0¢	LB:BY	2	
29	5L(11.0)	37.0¢	BY	5	1:0.5
29s1	--	35.0	LB:LA	0	
30	2s(6.0); 1E(13.5)	31.5¢	LA	21	
31	--	42.0¢	LB	0	
32	--	40.0¢	BY	0	
33	--	33.0¢	LB	0	
34	--	42.0¢	BY:LA	0	
35	3s(6.0); 3L(11.5)	36.5¢	LB	33	2:0.0-0.5
35s1	--	34.0¢	LB	0	
35s2	1s(5.0)	26.0¢	BY	10	
36	--	36.0¢	BY	0	1:0.5
36s1	--	27.0¢	LB	0	
37	6L(9.5)	27.5¢	BY	6	1:0.5
37s1	--	36.0¢	LB:LA	0	
38	1s(4.0); 2L(9.0)	28.0¢	LA	12	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
39	2s(3.0); 4L(11.5)	28.5¢	LB	24	2:0.0-0.5
39s1	8L(8.0)	31.0¢	BY	8	
39s2	--	32.0¢	LB	0	
40	6L(9.5)	33.5¢	BY	6	1:0.5
40s1	1s(3.0)	33.0¢	LA	10	
41	6L(8.0)	25.0¢	BY	6	1:0.5
41s1	1s(3.0)	37.0¢	LA	10	
42	--	37.0¢	BY:LA	0	
43	--	32.0¢	LB	0	
44	--	37.0¢	BY	0	
45	--	37.0¢	LB-BY	0	
46	--	27.0¢	LB	0	
47	--	1.0b	ØR	?	
48	6L(8.0)	23.0¢	BY	6	
49	3L(8.0)	26.0¢	LA	3	
50	--	28.0¢	BY:LA	0	
51	2s(4.5); 4L(10.0)	26.0¢	ØR	24	
52	2L(7.0)	44.0¢	BY	2	
53	1s(4.0)	34.0¢	LB	10	
54	2L(7.0)	26.0¢	BY	2	
55	--	28.0¢	LB	0	
56	--	42.0¢	LB:BY	0	
57	6L(6.0)	19.0¢	BY	6	
58	--	34.0¢	DB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
59	--	37.0	LB	0	
60	5L(6.5)	32.0¢	BY	5	
61	--	40.0¢	LB	0	
62	--	39.0	LB:BY	0	
63	--	24.5¢	LB	0	
64	7L(5.5)	24.5¢	BY	7	
65	2L(5.5)	34.5	LB:BY	2	
66	6L(5.5)	28.5¢	BY	6	
67	2L(6.0)	31.5¢	LB	2	
68	3L(6.5)	33.5¢	LB:BY	3	
69	1s(3.0)	34.0¢	BY	10	
70	1E(6.0)	24.0¢	LB	1	
71	2L(6.5)	14.0b	LB:BY	2	
72	5L(6.0)	22.0¢	BY	5	
73	1E(6.0)	36.0¢	DB	1	
74	3L(6.0)	40.0	LB:BY	3	
75	1s(3.0)	30.0¢	BY	10	
76	2L(9.0)	30.0¢	DB	2	
77	2L(8.5)	22.0b	LB:BY	2	
78	1s(3.0)	23.0	BY	10	
79	--	0.5b*	LB:BY	?	

Observations

- *1. A fragment of a pendant of this color with a cluster of 5L knots is retied to the main cord. It may have been the continuation of this broken pendant.
2. The quipu can be viewed as 3 parts: Part I, pendants 1-36; Part II, pendants 37-51; Part III, pendants 52-79.
- (i) In Part I there are 3 sequences of BY, BY, LA: (7-10), (21-23), (29-31). The latter two also have the same color pattern of subsidiaries. The value 8 appears on 3 pendants always colored BY with an LB:BY subsidiary. The value 8 appears twice on subsidiaries and in each case is colored LB:LA, preceded by a 1 on a subsidiary colored BY:LA, and suspended from a blank BY.
- (ii) In Part II, there are 4 groups of 3,1,7,4 pendants by spacing. All first positions are colored BY. The only values that appear on the pendants are 0,3,6,12,24 and 0,8,10 on subsidiaries.
- (iii) In Part III, there are 11 groups of 2,3,3,3,3,3,3,3,3,1,1, by spacing. No pendants carry subsidiaries. Although there are variations, the color pattern is basically BY, LB, LB:BY. All values are 10 or less (with no 4, 8, or 9).