

QUIPU AS49

Museum identification: No. R2699 (Museo Amano, Lima, Peru)

Main cord: color DB-B-W

b: 0.0 cm: group of 37 pendant cords (1 -37), then space of 2.0 cm.

9.5 cm: group of 12 pendant cords (38-49), then space of 0.5 cm.

12.5 cm: group of 12 pendant cords (50-61), then space of 0.5 cm.

15.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	--	30.0ç	W	0	
2	--	32.0ç	B	0	
3	--	30.0ç	B	0	
4	--	28.0ç	B	0	
5	2L(12.0)	26.0ç	B	2	
6	1E(12.0)	28.0ç	B	1	
7	--	30.0ç	B	0	
8	1E(12.5)	26.5ç	W	1	
9	1E(12.0)	27.0ç	W	1	2:4.0
9s1	1E(9.5)	12.5b	FB:B	1	
9s2	1E(9.0)	24.0ç	*W/(FB:B-W)	1	
10	--	28.0ç	W	0	
11	--	27.0ç	W	0	1:3.0
11s1	1E(10.0)	34.0ç	FB:B	1	
12	2L(14.0)	28.0ç	W	2	1:4.0

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
12s1	1E(9.0)	22.0¢	B	1	
13	1E(13.0)	26.0¢	W	1	
14	---	33.0¢	B	0	1:5.0
14s1	1E(11.0)	24.0¢	FB:B	1	
15	1E(12.0)	32.0¢	B	1	
16	---	32.0¢	B	0	
17	1E(12.0)	29.0¢	B	1	
18	1E(12.0)	29.0¢	B	1	
19	---	30.0¢	B	0	
20	---	26.0¢	W	0	
21	---	28.0¢	W	0	
22	1E	22.5¢	W	1	
23	---	27.0¢	W	0	
24	1E(12.0)	24.0¢	W	1	
25	1E(11.0)	27.0¢	W	1	
26	2L(12.0)	25.0¢	B	2	
27	1E(11.0)	30.0¢	B	1	
28	3L(11.5)	25.5¢	B	3	
29	2L(11.5)	28.5¢	B	2	
30	2L(12.0)	26.0¢	B	2	
31	1E(12.0)	27.0¢	B	1	
32	2L(12.5)	25.5¢	W	2	

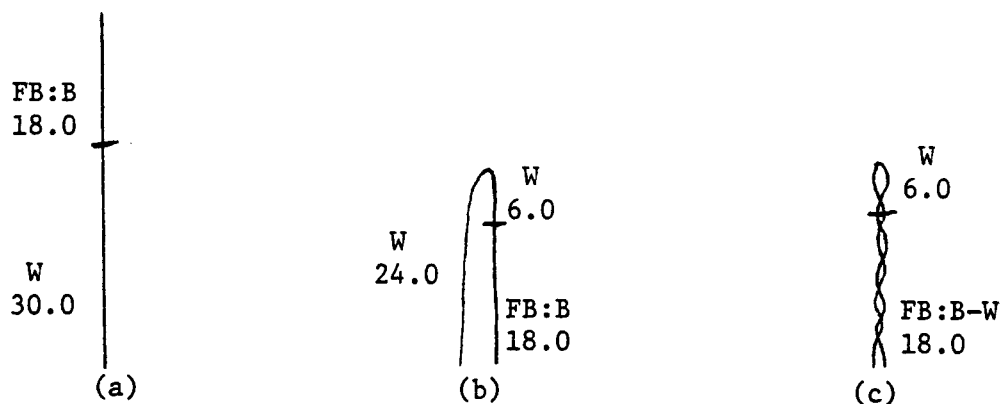
Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
33	1E(11.5)	26.5¢	W	1	1:3.5
33s1	1E	27.0¢	*W/(FB:W-W)	1	
34	2L(13.0)	28.0¢	W	2	1:4.0
34s1	2L(8.5)	22.5¢	B	2	
35	2L(13.0)	25.0¢	W	2	
36	--	31.0¢	W	0	1:4.0
36s1	1E(11.0)	25.0¢	FB:B	1	
37	--	30.0¢	W	0	2:4.0
37s1	--	7.0b	FB:B	?	
37s2	1E(9.0)	20.0¢	B	1	
38	--	4.5b	DB	?	
39	9L(11.0)	24.0¢	W	9	
40	--	0.5b	DB	?	
41	2L(11.0)	29.0¢	W	2	
42	--	0.5b	DB	?	
43	9L(11.0)	24.0¢	W	9	
44	--	0.5b	DB	?	
45	6L(11.5)	23.5¢	W	6	1:3.5
45s1	1E(8.0)	23.0	B	1	
46	5L(12.0)	28.0¢	DB	5	
47	--	33.5¢	W	0	1:3.5
47s1	3L(7.5)	23.5¢	B	3	
48	2L(11.5)	29.0¢	DB	2	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
49	—	32.5¢	W	0	1:3.5
49s1	2L(7.0)	29.0¢	B	2	
50	5L(11.5)	31.0¢	B	5	1:3.0
50s1	1E(10.0)	32.0¢	FB:B	1	
51	4L(11.5)	27.0¢	W	4	1:3.0
51s1	1E(9.5)	32.5¢	FB:B	1	
52	6L(12.0)	34.0¢	B	6	
53	8L(11.5)	25.5¢	W	8	2:3.0
53s1	1E(12.0)	35.0¢	FB:B	1	
53s2	2L(8.0)	20.0¢	*W/(FB:B-W)	2	
54	1s(6.0)	40.0¢	B	10	
55	4L(11.5)	29.0	W	4	1:2.5
55s1	2L(9.0)	29.0¢	B	2	
56	8L(11.5)	29.5¢	B	8	1:2.5
56s1	1E(11.0)	33.0¢	FB:B	1	
57	9L(12.0)	23.5¢	W	9	1:4.0
57s1	1E(10.0)	19.0¢	FB:B	1	
58	8L(10.5)	32.5¢	B	8	1:2.0
58s1	1E(8.5)	20.5¢	*W/(FB:B-W)	1	
59	7L(11.5)	24.5¢	W	7	2:2.5
59s1	1E(9.5)	32.5¢	FB:B	1	
59s2	2L(8.0)	30.0¢	B	2	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
60	2L(9.5)	38.5ç	B	2	
61	3L(9.0)	28.0ç	W	3	2:1.5
61s1	2L(8.0)	33.0ç	FB:B	2	
61s2	1E(7.0)	28.0ç	B	1	

Observations

- *1. Construction note: The joined and twisted color on 9s2 was constructed as follows:



- (a) FB:B and W were joined, (b) bent, and (c) then twisted. Subsidiaries 53s2 and 58s1 were similarly constructed with the resulting color changes appearing at 6.0 cm. and 8.0 cm. respectively.

2. AS49 and AS48 were excavated by the University of Tokyo expedition at La Centinela, Tambo de Mora. The work is described in *Andes*, The University of Tokyo Expedition 1958, Report 1, pp. 225-226. The Museum has retained several associated fragments of pottery.

3. Pendants 2-37 form 6 groups of 6 pendants each, set off by alternation of color (6B, 6W, 6B, 6W, etc.). [This is preceded by 1 W pendant and a broken end on the main cord. Hence, there was probably at least one more group.] Then, by spacing, there are 2 groups of 12 pendants each. Both groups alternate colors internally. The first is DB, W, DB, W, etc., and the next is B, W, B, W, etc.
4. The only pendant values in the first 6 groups are 0-3. In the last 2 groups the values are 0-10. All subsidiaries have values of 1 or 2.
5. The first 6 pendants in the last group appear to be the sum of the pendants in the corresponding positions in the first 6 groups. (Four of the 6 are exact and 2 are greater than the sums by 1 and 3 which would be in keeping with a missing first group of values 0-3.) Also, in the last group, the sum of the first 6 pendants equals the sum of the last 6 pendants.