

## QUIPU AS175

Museum identification: No. VA42518 (Museum für Völkerkunde, Berlin)

Main cord: color unrecorded

- b 0.0 cm: group of 4 pendant cords (1-4), then space of 0.5 cm.
- 1.5 cm: group of 5 pendant cords (5-9), then space of 0.5 cm.
- 3.0 cm: group of 5 pendant cords (10-14), then space of 1.0 cm.
- 5.0 cm: group of 5 pendant cords (15-19), then space of 0.5 cm.
- 6.5 cm: group of 5 pendant cords (20-24), then space of 0.5 cm.
- 8.0 cm: group of 5 pendant cords (25-29), then space of 1.0 cm.
- 10.0 cm: group of 5 pendant cords (30-34), then space of 0.5 cm.
- 11.5 cm: group of 5 pendant cords (35-39), then space of 0.5 cm.
- 13.0 cm: group of 5 pendant cords (40-44), then space of 1.0 cm.
- 15.0 cm: group of 5 pendant cords (45-49), then space of 0.5 cm.
- 16.5 cm: group of 5 pendant cords (50-54), then space of 0.5 cm.
- 18.0 cm: group of 5 pendant cords (55-59), then space of 1.0 cm.
- 20.0 cm: group of 5 pendant cords (60-64), then space of 0.5 cm.
- 21.5 cm: group of 5 pendant cords (65-69), then space of 0.5 cm.
- 23.0 cm: group of 5 pendant cords (70-74), then space of 1.0 cm.
- 25.0 cm: group of 5 pendant cords (75-79), then space of 0.5 cm.
- 26.5 cm: group of 5 pendant cords (80-84), then space of 0.5 cm.
- 28.0 cm: group of 5 pendant cords (85-89), then space of 1.0 cm.
- 30.0 cm: group of 5 pendant cords (90-94), then space of 0.5 cm.
- 31.5 cm: group of 5 pendant cords (95-99), then space of 0.5 cm.
- 33.0 cm: group of 5 pendant cords (100-104), then space of 11.5 cm.
- 45.5 cm: *group of 5 pendant cords (105-109), then space of 0.5 cm.*

47.0 cm: group of 5 pendant cords (110-114), then space of 0.5 cm.  
 48.5 cm: group of 5 pendant cords (115-119), then space of 11.5 cm.  
 61.0 cm: group of 5 pendant cords (120-124), then space of 0.5 cm.  
 62.5 cm: group of 5 pendant cords (125-129), then space of 0.5 cm.  
 64.0 cm: group of 5 pendant cords (130-134), then space of 1.0 cm.  
 66.0 cm: group of 5 pendant cords (135-139), then space of 0.5 cm.  
 67.5 cm: group of 5 pendant cords (140-144), then space of 0.5 cm.  
 69.0 cm: group of 5 pendant cords (145-149), then space of 1.0 cm.  
 71.0 cm: group of 5 pendant cords (150-154), then space of 0.5 cm.  
 72.5 cm: group of 5 pendant cords (155-159), then space of 0.5 cm.  
 74.0 cm: group of 5 pendant cords (160-164), then space of 1.0 cm.  
 76.0 cm: group of 5 pendant cords (165-169), then space of 0.5 cm.  
 77.5 cm: group of 5 pendant cords (170-174), then space of 0.5 cm.  
 79.0 cm: group of 5 pendant cords (175-179), then space of 1.0 cm.  
 81.0 cm: group of 5 pendant cords (180-184), then space of 0.5 cm.  
 82.5 cm: group of 5 pendant cords (185-189), then space of 0.5 cm.  
 84.0 cm: group of 5 pendant cords (190-194), then space of 1.0 cm.  
 86.0 cm: group of 5 pendant cords (195-199), then space of 0.5 cm.  
 88.0 cm: group of 5 pendant cords (200-204), then space of 0.5 cm.  
 89.5 cm: group of 5 pendant cords (205-209), then space of 1.0 cm.  
 91.0 cm: group of 5 pendant cords (210-214), then space of 0.5 cm.  
 93.0 cm: group of 5 pendant cords (215-219), then space of 0.5 cm.  
 94.5 cm: group of 5 pendant cords (220-224), then space of 115.0 cm.  
 210.0 cm: end ç

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Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	2s(28.0);6L(35.5)	60.5ç	LB	26	1:0.5

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Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1s1	1s(21.0);6s(29.0)	39.0¢	LB	160	
2	1s(21.5);6s(29.5)	57.0¢	YG	160	
3	1s(21.0)	76.5¢	YB	100	
4	3s(29.5)	70.0¢	YB:ØG	30	
5	2s(29.5);1E(36.0)	64.5¢	W	21	1:0.5
5s1	3s(28.0);9L(36.5)	53.0¢	W	39	
6	2s(28.0);6L(37.5)	63.0¢	LB	26	1:1.0
6s1	5s(26.0);5L(31.0)	36.5¢	LB	55	
7	7s(28.0);5L(38.0)	48.5¢	YG	75	
8	1s(21.5)	69.0¢	YB	100	
9	2s(27.5)	74.0¢	YB:ØG	20	
10	2s(28.0);5L(35.5)	60.0¢	W	25	1:0.5
10s1	1s(28.5)	58.0¢	W	10	
11	3s(28.0);5L(36.5)	63.0¢	LB	35	1:0.5
11s1	7s(28.0);2L(35.0)	74.5¢	LB	72	
12	7s(28.0);7L(35.5)	52.0¢	YG	77	
13	1s(19.5)	74.0¢	YG	100	
14	6s(28.0);5L(36.5)	53.5¢	YB:ØG	65	
15	2s(27.0);3L(34.0)	62.0¢	W	23	1:0.5
15s1	2s(26.5);2L(33.5)	44.0¢	W	22	1:0.5
15s1s1	2s(26.0)	49.5¢	LB-W	20	
16	1s(25.0);1E(32.0)	72.0¢	LB	11	1:0.5
16s1	5s(26.0)	70.5¢	LB	50	
17	7s(25.5);7L(33.5)	47.5¢	YG	77	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
18	1s(20.0)	71.5¢	YB	100	
19	--	71.0¢	YB:ØG	0	
20	3s(26.5¢);6L(33.5)	56.5¢	W	36	1:0.5
20s1	2s(25.5);4L(33.0)	53.5¢	W	24	
21	3s(25.5);3L(32.5)	53.5¢	LB	33	1:0.5
21s1	5s(25.5);1E(32.5)	69.0¢	LB	51	
22	1s(20.0);2s(26.0);2L(30.5)	58.5¢	YG	122	
23	1s(20.0)	67.5¢	YB	100	
24	5s(26.5)	69.0¢	YB:ØG	50	
25	1s(25.5);2L(32.5)	66.0¢	W	12	1:0.5
25s1	1s(25.0);3L(33.0)	48.0¢	W	13	
26	1s(24.5);2L(31.0)	58.5¢	LB	12	1:0.5
26s1	3s(24.0);6L(30.0)	38.5¢	LB	36	
27	8s(25.0);2L(31.0)	59.5¢	YG	82	
28	5s(24.0);8L(32.0)	59.5¢	YB	58	
29	9L(32.5)	63.0¢	YB:ØG	9	
30	8s(25.0);5L(32.5)	50.0¢	W	85	1:0.5
30s1	4s(23.0);3L(30.5)	67.0¢	W	43	
31	1s(24.0);1E(32.0)	71.5¢	LB	11	1:0.5
31s1	4s(24.0);1E(30.5)	65.5¢	LB	41	
32	7s(24.5);9L(32.0)	52.5¢	YG	79	
33	1s(20.0)	70.0¢	YB	100	
34	--	69.5¢	YB:ØG	0	
35	6s(25.5);6L(33.0)	55.5¢	W	66	1:0.5

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
35s1	3s(24.0);9L(32.0)	62.0¢	W	39	2:0.0-0.5
35s1s1	1s(24.0)	68.5¢	LB-W	10	
35s1s2	1s(23.5)	69.0¢	KB:W	10	
36	1s(25.5);1E(31.5)	64.0¢	LB	11	1:0.5
36s1	6s(26.0);2L(32.5)	65.0¢	LB	62	
37	1s(20.0);2s(25.0);9L(32.0)	57.0¢	YG	129	
38	1s(20.0)	71.5¢	YB	100	
39	1s(23.5);1E(31.5)	71.0¢	YB:ØG	11	
40	6s(23.5);5L(31.5)	48.0¢	W	65	1:0.5
40s1	3s(23.0)	72.5¢	W	30	
41	3L(30.5)	60.0¢	LB	3	1:0.5
41s1	2s(23.5);6L(30.5)	59.0¢	LB	26	
42	1s(18.0);3s(23.5);9L(30.5)	54.0¢	YG	139	
43	1s(18.0)	72.5¢	YB	100	
44	2s(24.5);2L(32.0)	67.5¢	YB:ØG	22	
45	1s(24.5);2L(33.5)	57.0¢	W	12	1:0.5
45s1	--	77.5¢	W	0	1:0.5
45s1s1	1s(23.5);4L(31.0)	60.0¢	LB-W	14	2:0.0-0.5
45s1s1s1	--	2.5b	KB:W	?	
45s1s1s2	1s(22.5)	55.0¢	KB:W	10	
46	5L(31.0)	61.0¢	LB	5	1:0.5
46s1	1s(23.0)	63.5¢	LB	10	
47	--	38.5¢	YG	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
48	--	72.0¢	YB	0	
49	6L(31.0)	67.5¢	YB:ØG	6	
50	1s(23.5);3L(31.0)	49.5¢	W	13	1:0.5
50s1	1s(23.0);8L(31.0)	34.5b	W	18	
51	1s(22.5)	62.0¢	LB	10	1:0.5
51s1	7s(23.0);1E(32.0)	56.5¢	LB	71	
52	2s(21.5);7L(29.5)	65.0¢	YG	27	
53	1s(18.0)	69.5¢	YB	100	
54	2s(22.5);1E(29.5)	76.5¢	YB:ØG	21	
55	5L(31.0)	63.5¢	W	5	1:0.5
55s1	1s(22.0);2L(29.5)	68.5¢	W	12	
56	1s(30.0)	59.5¢	LB	5	1:0.5
56s1	4s(22.5);3L(30.5)	45.0¢	LB	43	
57	2s(18.0);9s(25.0)	61.5¢	YG	290	
58	1s(18.0)	73.5¢	YB	100	
59	5s(24.5);5L(29.5)	37.0¢	YB:ØG	55	
60	6s(23.0);2L(31.5)	59.5¢	W	62	1:0.5
60s1	2s(21.0);5L(29.5)	43.5b	W	25	
61	--	65.0¢	LB	0	1:0.5
61s1	5s(21.5);4L(30.5)	65.0¢	LB	54	
62	1s(17.5);7s(24.5);7L(31.0)	50.5¢	YG	177	
63	--	71.5¢	YB	0	
64	2s(22.0)	75.5¢	YB:ØG	20	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
65	3s(22.5)	70.0¢	W	30	1:0.5
65s1	2s(21.5);4L(29.0)	65.5¢	W	24	1:0.5
65s1s1	1s(21.0);9L(29.5)	37.5¢	LB-W	19	1:0.5
65s1s1s1	1s(19.0)	44.5¢	KB:W	10	
66	3L(30.0)	64.5¢	LB	3	1:0.5
66s1	2s(22.0);4L(29.5)	76.5¢	LB	24	
67	8s(23.0);6L(30.5)	57.5¢	YG	86	
68	5s(22.0)	66.5¢	YB	50	
69	2s(22.0)	76.5¢	YB:ØG	20	
70	3s(21.0);1E(30.5)	65.0¢	W	31	1:0.5
70s1	2s(18.5);7L(31.0)	61.0¢	W	27	
71	5L(29.0)	67.5¢	LB	5	1:0.5
71s1	2s(20.0);9L(28.0)	50.5¢	LB	29	
72	9s(21.5);3L(29.0)	58.5¢	YG	93	
73	5s(21.0)	42.5¢	YB	50	
74	2s(20.0)	76.0¢	YB:ØG	20	
75	3L(31.0)	64.5¢	W	3	1:0.5
75s1	6L(29.0)	64.5¢	W	6	
76	1s(21.0);1E(28.0)	47.5¢	LB	11	1:0.5
76s1	5s(21.5);4L(30.0)	55.5¢	LB	54	
77	8s(21.0);5L(28.0)	52.0¢	YG	85	
78	--	70.5¢	YB	0	
79	2s(20.0)	75.0¢	YB:ØG	20	
80	4L(30.0)	67.5¢	W	4	1:0.5

Cord Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
80s1 2L(28.0)	71.5¢	W	2	1:0.5
80s1s1 4s(19.5);5L(28.0)	35.0¢	KB:W	45	1:0.5
80s1s1s1 --	0.5b	KB:W	?	
81 1s(19.5)	65.0¢	LB	10	1:0.5
81s1 5s(19.0)	62.5¢	LB	50	
82 1s(14.5)	66.5¢	YG	100	
83 5s(20.0)	71.5¢	YB	50	
84 2s(20.0)	70.5¢	YB:ØG	20	
85 3L(25.5)	68.0¢	W	3	1:0.5
85s1 --	41.0¢	W	0	
86 1s(19.0)	66.5¢	LB	10	1:0.5
86s1 2s(19.0);5L(27.5)	63.5¢	LB	25	
87 1s(13.5);2s(20.0)	65.5¢	YG	120	
88 --	75.0¢	YB	0	
89 1s(19.0);3L(27.5)	70.0¢	YB:ØG	13	
90 1s(20.0)	72.5¢	W	10	1:0.5
90s1 2s(20.5)	73.0¢	W	20	
91 --	74.0¢	LB	0	1:0.5
91s1 4s(20.0);6L(26.0)	36.5¢	LB	46	
92 4s(20.0)	65.5¢	YG	40	
93 --	71.5¢	YB	0	
94 4s(20.0)2L(27.5)	69.0¢	YB:ØG	42	



Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
95	--	69.5¢	W	0	1:0.5
95s1	7L(27.0)	63.0¢	W	7	
96	--	68.5¢	LB	0	1:0.5
96s1	3s(18.5)	64.0¢	LB	30	
97	3s(20.5)	63.0¢	YG	30	
98	1s(18.0)	73.0¢	YB	10	
99	4s(21.0);6L(28.0)	66.5¢	YB:ØG	46	
100	--	50.5¢	W	0	1:0.5
100s1	6L(26.5)	66.0¢	W	6	
101	--	68.5¢	LB	0	1:0.5
101s1	1s(20.5);5L(28.0)	76.0¢	LB	15	
102	1s(13.0);3s(19.5);8L(25.5)	47.0¢	YG	138	
103	--	57.5¢	YB	0	
104	7s(21.0);8L(26.5)	59.0¢	YB:ØG	78	
105	7s(27.5);7L(38.0)	59.5¢	W	77	1:0.5
105s1	4s(27.0)	57.5¢	W	40	1:0.5
105s1s1	2s(26.5);3L(36.0)	61.5¢	LB-W	23	1:0.5
105s1s1s1	5s(25.0);6L(34.0)	36.5¢	KB:W	56	
106	3s(27.0);5L(36.0)	89.5¢	LB	35	1:0.5
106s1	7s(26.0);2L(35.0)	53.5¢	LB	72	
107	2s(17.5);6s(26.5);8L(34.5)	54.0¢	YG	268	
108	2s(18.0)	69.5¢	YB	200	
109	1s(17.5);3s(25.0);6L(33.0)	69.5¢	YB	136	
110	1s(18.0);8L(36.0)	66.5¢	W	108	3:0.0-0.5

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
110s1	5s(25.5);1E(34.5)	53.5¢	W	51	
110s2	--	68.5¢	EB-W	0	
110s3	4s(24.0);6L(32.5)	39.5¢	KB:W	46	
111	3s(25.5);6L(34.5)	58.5¢	LB	36	1:0.5
111s1	6s(25.0);6L(35.0)	56.5¢	LB	66	
112	4s(18.0);4s(24.5);5L(33.5)	44.0¢	YG	445	
113	2s(18.0);5s(24.5)	62.5¢	YB	250	
114	9s(25.5);6L(34.5)	51.0¢	YB	96	
115	7s(25.0);5L(32.0)	61.5¢	W	75	3:0.0-0.5
115s1	--	61.0¢	W	0	
115s2	--	62.5¢	LB-W	0	
115s3	--	0.5b	KB:W	?	
116	6s(25.0);6L(34.0)	52.5¢	LB	66	1:0.5
116s1	6s(22.5);8L(31.0)	52.5¢	LB	68	
117	3s(17.0);3s(24.5);5L(32.5)	49.0¢	YG	335	
118	8s(25.0);6L(33.0)	56.5¢	YB	86	
119	1s(17.0);9s(24.0);2L(32.0)	51.5¢	YB:ØG	192	
120	6L(28.0)	53.0¢	W	6	1:0.5
120s1	--	66.5¢	W	0	1:0.5
120s1s1	2s(21.0)	50.5¢	KB:W	20	
121	4L(29.5)	61.0¢	LB	4	1:0.5
121s1	5L(28.0)	69.0¢	LB	5	
122	7s(21.0)	53.0¢	YG	70	
123	--	68.5¢	LB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
124	--	74.5¢	YB:ØG	0	
125	5L(28.5)	54.0¢	W	5	1:0.5
125s1	--	64.5¢	W	0	1:0.5
125s1s1	--	3.0b	KB:W	?	
126	2L(29.0)	68.5¢	LB	2	1:0.5
126s1	9L(27.0)	68.5¢	LB	9	
127	6s(21.5);5L(27.5)	57.0¢	YG	65	
128	5s(22.00)	66.0¢	YB	50	
129	--	77.0¢	YB:ØG	0	
130	4L(28.5)	58.0¢	W	4	1:0.5
130s1	--	64.5¢	W	0	
131	4L(26.5)	61.5¢	LB	4	1:0.5
131s1	1s(20.5)	80.0¢	LB	10	
132	1s(15.0);8L(25.5)	54.0¢	YG	108	
133	--	74.5¢	YB	0	
134	--	81.5¢	YB:ØG	0	
135	2L(28.5)	58.5¢	W	2	1:0.5
135s1	--	64.0¢	W	0	
136	7L(26.0)	56.0¢	LB	7	1:0.5
136s1	2s(21.0)	74.5¢	LB	20	1:0.5
136s1s1	2s(21.0);2L(27.0)	46.5¢	KB:W	22	
137	8s(22.0)	51.0¢	YG	80	
138	1s(15.5)	71.0¢	YB	100	
139	1s(21.5);2L(28.0)	68.0¢	YB:ØG	12	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
140	2L(27.0)	57.0¢	W	2	1:0.5
140s1	--	82.5¢	W	0	
141	6L(26.0)	55.5¢	LB	6	1:0.5
141s1	6L(26.0)	71.5¢	LB	6	1:0.5
141s1s1	--	0.5b	KB:W	?	
142	7s(20.5);5L(27.0)	48.5¢	YG	75	
143	1s(13.0)	71.5¢	YB	100	
144	--	67.0¢	YB:ØG	0	
145	2L(27.0)	56.5¢	W	2	1:0.5
145s1	--	71.5¢	W	0	
146	7L(26.0)	60.5¢	LB	7	1:0.5
146s1	1s(20.0)	68.5¢	LB	10	
147	4s(21.5)	56.5¢	YG	40	
148	--	72.0¢	LB	0	
149	--	34.0¢	YB	0	
150	6L(27.5)	45.0¢	W	6	1:0.5
150s1	--	71.5¢	W	0	
151	5L(26.0)	65.5¢	LB	5	2:0.0-0.5
151s1	1s(19.0)	45.5¢	KB:W	10	
151s2	1s(21.0)	50.5¢	LB	10	
152	6L(27.0)	56.5¢	YG	6	
153	--	74.5¢	LB	0	
154	--	40.0¢	YB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
155	3L(29.0)	69.5¢	W	3	1:0.5
155s1	--	70.0¢	W	0	1:0.5
155s1s1	4L(27.0)	44.5¢	KB:W	4	
156	1s(21.5)	70.5¢	LB	10	1:0.5
156s1	5L(27.5)	67.0¢	LB	5	
157	3L(27.5)	63.5¢	YG	3	
158	--	76.0¢	YB	0	
159	--	53.0¢	YB:ØG	0	
160	3L(27.0)	64.0¢	W	3	1:0.5
160s1	--	64.5¢	W	0	
161	1s(20.5)	68.0¢	LB	10	1:0.5
161s1	--	77.5¢	LB	0	
162	1s(19.5);6L(28.0)	61.5¢	YG	16	
163	--	75.5¢	YB	0	
164	2s(19.5)	68.5¢	YB	20	
165	3L(29.0)	70.5¢	W	3	1:0.5
165s1	1s(19.0);3L(27.5)	62.0¢	W	13	
166	--	87.5¢	LB	0	1:0.5
166s1	1s(18.5);2L(27.5)	69.5b	LB	12	1:0.5
166s1s1	--	6.0b	KB:W	?	
167	3s(19.5)	27.0b	YG	3?	
168	5s(19.5)	70.0¢	YB	50	
169	3s(19.0);4L(26.5)	60.5¢	YB	34	
170	6L(28.5)	57.5¢	W	6	1:0.5

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
170s1	1s(19.0);1E(28.0)	66.5¢	W	11	
171	3L(29.0)	71.5¢	LB	3	1:0.5
171s1	1s(19.5)	67.0¢	LB	10	
172	5s(20.0);4L(29.0)	58.5¢	YG	54	
173	5s(19.0)	67.5¢	YB	50	
174	1s(18.0);6L(27.0)	64.5¢	YB:ØG	16	
175	1s(18.5);7L(27.5)	55.0¢	W	17	1:0.5
175s1	--	69.5¢	W	0	
176	4L(27.0)	27.5	LB	4	1:0.5
176s1	1s(18.0);4L(24.0)	34.5¢	LB	14	
177	6s(18.5)	54.0¢	YG	60	
178	5s(18.0)	65.5¢	YB	50	
179	1s(17.5);8L(25.5)	55.5¢	YB:ØG	18	
180	1s(18.0)	70.5¢	W	10	1:0.5
180s1	--	45.0¢	GØ/W(6.0/ 45.0)	0	
181	1s(16.0);2L(25.0)	73.5¢	LB	12	1:0.5
181s1	1s(15.5)	27.0b	LB	10	
182	2s(16.0);9L(25.5)	25.5b	YG	29	
183	5s(17.0)	67.5¢	YB	50	
184	6s(17.0)	65.5¢	YB:ØG	60	
185	1s(16.0)	76.0¢	W	10	1:0.5
185s1	--	71.5¢	W	0	
186	1s(16.0);2L(26.0)	76.0¢	LB	12	1:0.5
186s1	2s(15.0)	23.0b	LB	2?	1:0.5

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
186s1s1	1s(16.0)	45.0¢	KB:W	10	
187	5s(16.5);8L(25.5)	50.0¢	YG	58	
188	--	29.0b	YB	0	
189	6s(17.5)	66.0¢	YB	60	
190	8L(25.5)	26.0b	W	8	1:0.5
190s1	--	67.5¢	W	0	
191	2s(16.5)	74.0¢	LB	20	1:0.5
191s1	9L(24.0)	54.0¢	LB	9	
192	3s(16.5);5L(25.5)	48.5¢	YG	35	
193	--	75.5¢	YB	0	
194	9s(17.5);4L(25.5)	51.0¢	YB:ØG	94	
195	1s(17.5);2L(26.0)	60.5¢	W	12	1:0.5
195s1	1s(17.5)	34.5¢	W	10	
196	1s(17.0)	21.0b	LB	1?	1:0.5
196s1	--	64.0¢	LB	0	
197	3s(16.0);6L(25.0)	52.5¢	YG	36	
198	--	75.6¢	YB	0	
199	3s(16.0)	67.0¢	YB:ØG	30	
200	1s(16.0);3L(25.5)	65.0¢	W	13	1:0.5
200s1	--	60.0¢	W	0	
201	5L(25.0)	75.5¢	LB	5	1:0.5
201s1	--	67.5¢	LB	0	1:0.5
201s1s1	1s(15.0);5L(24.0)	32.5¢	KB:W	15	
202	3s(16.5);5L(25.0)	51.0¢	YG	35	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
203	--	30.0b	YB	0	
204	2s(16.0)	68.5¢	YB:ØG	20	
205	--	63.0¢	W	0	1:0.5
205s1	--	68.0¢	W	0	
206	--	72.5¢	LB	0	1:0.5
206s1	4L(24.5)	48.0¢	LB	4	
207	4s(16.5);1E(24.5)	56.0¢	YG	41	
208	--	73.5¢	YB	0	
209	4s(16.0);9L(24.5)	52.5¢	YB:ØG	49	
210	5s(16.0)	58.0¢	W	50	1:0.5
210s1	4s(16.0)	64.0¢	W	40	
211	4s(16.0)	76.0¢	LB	40	1:0.5
211s1	1s(14.5)	51.5	LB	10	
212	1s(15.5);5L(25.0)	54.5¢	YG	15	
213	--	74.5	YB	0	
214	--	63.5	YB:ØG	0	
215	7s(16.5)	51.5¢	W	70	1:0.5
215s1	--	70.0¢	W	0	
216	4s(16.0)	75.0¢	LB	40	1:0.5
216s1	1s(16.5);4L(25.5)	56.0¢	LB	14	
217	1s(13.0);4s(16.5)	24.5b	YG	14?	
218	5s(17.5)	70.5¢	YB	50	
219	--	68.5¢	YB:ØG	0	
220	5s(17.0)	61.5¢	W	50	1:0.5



Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
220s1	--	76.0¢	W	0	
221	1s(16.5);2L(24.5)	60.0	LB	12	1:0.5
221s1	3s(14.0)	62.0¢	LB	30	
222	1s(14.0);2s(18.5);5L(26.5)	55.5¢	YG	125	
223	9s(19.5)	50.0¢	YB	90	
224	1s(17.5);1E(26.0)	68.0¢	YB:ØG	11	

#### 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 45 groups of 5 pendants each. There is a larger space after every 3rd group and a still larger space between the 21st and 22nd groups and the 24th and 25th groups. Thus, the quipu is in 3 parts: part 1 is 7 sets of 3 groups each; part 2 is 1 set of 3 groups; and part 3 is 7 sets of 3 groups.
3. All groups in part 1 have the same color pattern: W (with a W subsidiary); LB (with an LB subsidiary); YG; YB; YB:ØG. Groups in parts 2 and 3 have the same pattern for the first 3 pendant positions and then vary in one or both of the last 2 positions. Calling the colors in the part 1 pattern C1-C5, the color patterns are summarized in Table 1.

TABLE 1

Part 1 (groups 1-21)	C1	C2	C3	C4	C5
Part 2 (groups 1-3)	C1	C2	C3	C4	C4
Part 3 (groups 1-5)	C1	C2	C3	C2	C5
(groups 6-8)	C1	C2	C3	C2	C4
(groups 9-21)	C1	C2	C3	C4	C4

In all groups, there is at least one subsidiary on pendants 1 and 2 (a W and an LB respectively) and no subsidiaries on the other positions. Additional subsidiaries on the first 2 positions are, with one exception, KB:W or LB-W.

- In parts 1 and 3, many values are repeated in the same position in consecutive groups or in the same position 2 groups later. The former can be represented as  $P_{ij} = P_{i+1,j}$  and the latter as  $P_{ij} = P_{i+2,j}$ . In part 1, these hold in 20 and 12 places respectively; in part 2 in no places; and in part 3 in 27 and 18 places.
- The values in part 2 are related to the sums of values in part 3. Position by position, values in group 1 of part 2 are related to the sums of values in the first groups in each of the 7 sets in part 3; group 2 values are related to sums of values in the second groups of each of the sets; and group 3 values to the sums of values of the third group. That is,

$$P_{2ij} = \sum_{k=0}^6 P_{3,3k+i,j} \quad \text{for } \begin{cases} j=1,2,\dots,5 \\ i=1,2,3 \end{cases}$$

This represents 15 sums and 105 values being summed. Of the 15 values in part 2: 8 are exactly these sums (or off by 1 in 1 digit); 5 are exact sums of only some of the 7 pendants [example:  $P_{211} = P_{341} + P_{3,10,1} + P_{3,13,1} + P_{3,16,1} + P_{3,19,1}$  thus omitting  $P_{311}$  and  $P_{371}$ ]; and 2 are less than the sums but cannot be associated with a specific subset of the 7 pendants. (Note that the main cord is broken and so there could have been another part prior to part 1 that summed its values.)