

QUIPU AS75

Museum identification: No. 64.19.1.5 (Musée de L'Homme, Paris, France)

Main cord: color MB-YB

- § 8.0 cm: group of 7 pendant cords (1-7), then space of 0.5 cm.
- 10.5 cm: group of 5 pendant cords (8-12),
- 11.5 cm: group of 6 pendant cords (13-18), then space of 0.5 cm.
- 13.5 cm: group of 5 pendant cords (19-23), then space of 0.5 cm.
- 15.0 cm: group of 5 pendant cords (24-28), then space of 0.5 cm.
- 16.5 cm: group of 5 pendant cords (29-33), then space of 0.5 cm.
- 18.0 cm: group of 5 pendant cords (34-38), then space of 0.5 cm.
- 19.5 cm: group of 6 pendant cords (39-44), then space of 0.5 cm.
- 21.5 cm: group of 6 pendant cords (45-50), then space of 1.0 cm.
containing marker M1
- 24.0 cm: group of 6 pendant cords (51-56),
- 25.5 cm: group of 6 pendant cords (57-62),
- 27.0 cm: group of 6 pendant cords (63-68),
- 28.5 cm: group of 6 pendant cords (69-74), then space of 0.5 cm.
- 30.5 cm: group of 6 pendant cords (75-80),
- 32.0 cm: group of 6 pendant cords (81-86), then space of 0.5 cm.
- 34.0 cm: group of 6 pendant cords (87-92), then space of 0.5 cm.
- 36.0 cm: group of 6 pendant cords (93-98), then space of 0.5 cm.
containing marker M2
- 38.0 cm: group of 6 pendant cords (99-104), then space of 0.5 cm.
- 40.0 cm: group of 5 pendant cords (105-109), then space of 0.5 cm.
- 42.0 cm: group of 5 pendant cords (110-114),
- 43.5 cm: group of 5 pendant cords (115-119),
- 45.0 cm: group of 5 pendant cords (120-124), then space of 0.5 cm.

46.5 cm: group of 5 pendant cords (125-129),
 48.0 cm: group of 5 pendant cords (130-134),
 49.5 cm: group of 5 pendant cords (135-139), then space of 0.5 cm.
 containing marker M3
 51.5 cm: group of 5 pendant cords (140-144), then space of 0.5 cm.
 53.5 cm: group of 5 pendant cords (145-149), then space of 0.5 cm.
 55.5 cm: group of 5 pendant cords (150-154), the marker M4
 57.0 cm: group of 5 pendant cords (155-159), then space of 0.5 cm.
 59.0 cm: group of 5 pendant cords (160-164), then space of 0.5 cm.
 61.0 cm: group of 5 pendant cords (165-169), then marker M5
 62.5 cm: group of 5 pendant cords (170-174), then space of 0.5 cm.
 64.0 cm: group of 5 pendant cords (175-179), then space of 97.0 cm.
 162.5 cm: end ¢

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	2s(12.0); 5L(17.0); 5s(25.0)	39.0¢	YB	25+50	
2	7L(8.0); 1s(14.0); 1E(17.0); 1s(20.5); 2L(27.5)	41.0¢	YB	7+11+12	
3	3s(9.0); 4L(16.5)	43.0	YB	34	
4	1s(5.0); 5L(10.0); 1s(13.5); 2L(17.5)	27.5¢	MB	15+12	
5	1s(6.0); 8L(12.0); 1s(18.0); 2L(23.5)	40.5¢	YB	18+12	
6	1s(3.0); 1s(7.0); 1E(13.0)	42.0¢	YB	111	
7	9L(8.0); 1E(14.5)	25.0¢	MB	9+1	
8	--	22.0¢	YB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
9	--	26.5¢	YB	0	
10	--	26.5¢	YB	0	
11	--	30.5b	MB	0	
12	--	25.0¢	B	0	
13	1E(12.5)	12.5b	BS	1	
14	1E(12.0)	18.0¢	YB	1	
15	--	27.0¢	YB	0	
16	3L(12.0)	22.5¢	YB	3	
17	--	29.5b	MB	0	
18	--	23.0¢	B	0	
19	1E(13.5)	18.5¢	YB	1	
20	--	26.0¢	YB	0	
21	3L(13.0)	24.5¢	YB	3	
22	--	32.0b	MB	0	
23	--	24.0¢	B	0	
24	--	22.0¢	YB	0	
25	--	27.0¢	YB	0	
26	2L(12.5)	25.5¢	YB	2	
27	--	30.0b	MB	0	
28	--	25.5¢	B	0	
29	--	21.5¢	YB	0	
30	--	26.5¢	YB	0	
31	1E(13.0)	25.5¢	YB	1	
32	--	28.5¢	MB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
33	--	25.5¢	B	0	
34	--	23.0¢	YB	0	
35	--	26.5¢	YB	0	
36	2L(12.0)	24.5¢	YB	2	
37	--	30.5¢	MB	0	
38	--	24.0¢	B	0	
39	--	2.5b	BS	?	
40	--	21.0¢	YB	0	
41	--	28.0¢	YB	0	
42	3L(12.0)	22.5¢	YB	3	
43	--	28.5¢	MB	0	
44	--	24.5¢	B	0	
45	--	4.5b	BS	?	
46	--	22.5¢	YB	0	
47	1EE(5.5)	25.5¢	YB	1(?)	
48	--	28.0¢	YB	0	
49	--	29.0¢	MB	0	
50	--	25.0¢	B	0	
*M1	--	--	--	--	
51	--	23.0b	BS	0	
52	1E(12.0)	19.0¢	YB	1	
53	--	26.5¢	YB	0	
54	1E(11.5)	23.5¢	YB	1	
55	1E(12.0)	27.0¢	MB	1	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
56	1E(12.5)	22.5¢	B	1	
57	2L(11.0)	22.0	BS	2	
58	2L(11.0)	18.0¢	YB	2	
59	3L(10.0)	21.5¢	YB	3	
60	4L(10.5)	20.5¢	YB	4	
61	4L(10.0)	28.0¢	MB	4	
62	3L(10.0)	29.5¢	B	3	
63	--	5.5b	BS	?	
64	2L(12.5)	19.0¢	YB	2	
65	3L(12.0)	26.5¢	YB	3	
66	4L(12.0)	25.0¢	YB	4	
67	3L(13.0)	26.5¢	MB	3	
68	3L(13.0)	28.0¢	B	3	
69	1E(13.5)	25.5¢	BS	1	
70	1E(14.5)	18.5¢	YB	1	
71	2L(15.0)	23.0¢	YB	2	
72	3L(12.5)	22.5¢	YB	3	
73	2L(13.0)	27.0¢	MB	2	
74	2L(13.5)	29.0¢	B	2	
75	--	27.5¢	BS	0	
76	1E(14.0)	18.5¢	YB	1	
77	1E(15.0)	25.5¢	YB	1	
78	2L(13.0)	27.0¢	YB	2	
79	1s(16.5)	28.5¢	MB	1(?)	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
80	--	27.5¢	B	0	
81	--	27.5¢	BS	0	
82	1E(13.0)	18.5¢	YB	1	
83	1E(13.0)	22.5¢	YB	1	
84	--	26.5¢	YB	0	
85	2L(13.5)	28.5¢	MB	2	
86	--	29.0b	B	0	
87	--	12.0b	BS	?	
88	1s(13.5)	19.5¢	YB	1(?)	
89	1E(14.0)	25.0¢	YB	1	
90	2L(14.5)	24.0¢	YB	2	
91	1E(15.5)	15.5b	MB	1	
92	2L(15.0)	29.5¢	B	2	
93	1E(14.5)	22.0¢	BS	1	
94	--	22.0¢	YB	0	
95	1E(13.0)	24.0¢	YB	1	
96	2L(13.5)	23.0¢	YB	2	
97	1E)13.0)	28.0¢	MB	1	
98	1E(15.5)	26.0¢	B	1	
*M2	--	--	--	--	
99	--	27.5¢	BS	0	
100	1E(13.5)	29.5¢	YB	1	
101	--	28.5b	YB	0	
102	4L(13.0)	19.0¢	YB	4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
103	--	29.0¢	MB	0	
104	--	28.0¢	B	0	
105	2L(15.0)	29.5¢	YB	2	
106	3L(15.0)	28.5¢	YB	3	
107	2s(8.5); 7L(12.5)	16.5¢	YB	27	
108	2L(13.0)	28.0¢	MB	2	
109	2L(13.5)	29.0¢	B	2	
110	2L(19.0)	27.5¢	YB	2	
111	2L(16.5)	30.5b	YB	2	
112	2s(9.0); 3L(16.5)	28.0¢	YB	23	
113	2L(16.5)	28.5¢	MB	2	
114	2L(14.5)	28.0¢	B	2	
115	--	0.5b	BS	?	
116	1E(17.0)	28.0¢	YB	1	
117	2L(15.5)	25.5¢	YB	2	
118	1s(8.5); 2L(15.0)	23.5¢	YB	12	
119	1E(15.5)	27.5¢	MB	1	
120	1E(14.0)	21.5¢	B	1	
121	--	0.5b	BS	?	
122	1E(15.0)	28.5¢	YB	1	
123	1E(15.5)	28.5¢	YB	1	
124	9L(13.0)	25.5¢	YB	9	
125	--	28.5¢	MB	0	
126	1E(14.0)	23.0¢	B	1	

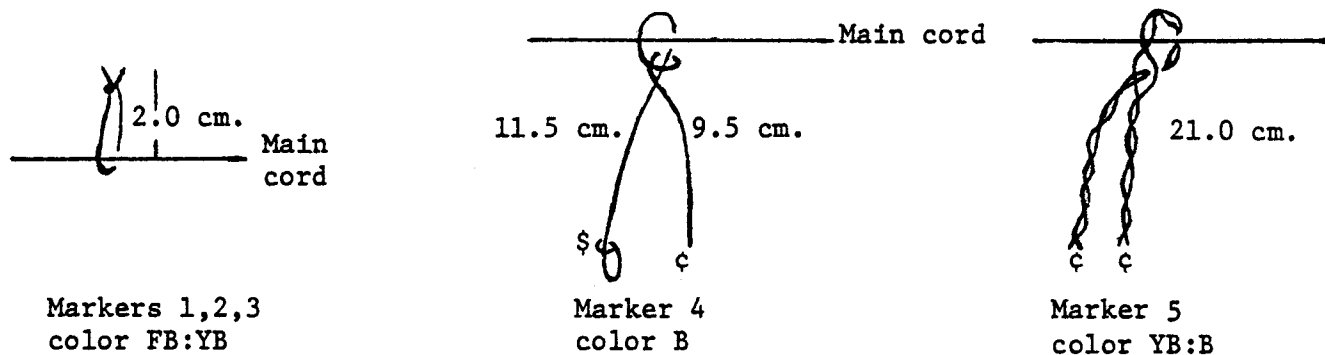
Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
127	--	28.0¢	YB	0	
128	1E(18.0)	28.0¢	YB	1	
129	6L(15.0)	26.0¢	YB	6	
130	--	28.0b	MB	0	
131	--	27.0¢	B	0	
132	1E(13.5)	27.0¢	YB	1	
133	1E(14.5)	27.0¢	YB	1	
134	7L(13.5)	26.5¢	YB	7	
135	--	26.0¢	MB	0	
136	--	27.0¢	B	0	
137	--	25.5¢	YB	0	
138	--	27.5¢	YB	0	
139	7L(12.5)	26.0¢	YB	7	
140	--	27.5¢	MB	0	
141	--	28.5¢	B	0	
*M3	--	--	--	--	
142	--	26.5¢	YB	0	
143	--	30.5¢	YB	0	
144	--	27.5¢	YB	0	
145	1E(15.5)	28.0¢	MB	1	
146	1E(17.0)	28.5¢	B	1	
147	--	22.0¢	YB	0	
148	1E(15.5)	25.5¢	YB	1	
149	5L(9.0)	15.0¢	YB	5	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
150	2L(16.0)	29.5¢	MB	2	
151	2L(17.0)	30.5¢	B	2	
152	--	30.5¢	YB	0	
153	1E(14.5)	26.0¢	YB	1	
154	4L(15.0)	23.5¢	YB	4	
155	1E(16.0)	29.0¢	MB	1	
156	--	30.5¢	B	0	
*M4	--	--	--	--	
157	--	25.5¢	YB	0	
158	--	26.0¢	YB	0	
159	3L(13.5)	31.0¢	YB	3	
160	1E(13.5)	28.5¢	MB	1	
161	--	29.5¢	B	0	
162	--	31.5	YB	0	
163	--	29.0¢	YB	0	
164	--	21.0¢	YB	0	
165	--	27.5¢	MB	0	
166	--	31.5¢	B	0	
167	--	28.0¢	YB	0	
168	--	25.5¢	YB	0	
169	--	28.5b	YB	0	
170	--	29.5¢	MB	0	
171	--	31.5¢	B	0	
*M5	--	--	--	--	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
172	--	29.0ç	YB	0	
173	--	29.0ç	YB	0	
174	--	29.0ç	YB	0	
175	--	30.0	MB	0	
176	--	29.0ç	B	0	
177	--	27.5ç	YB	0	
178	--	29.5ç	YB	0	
179	2L(13.0)	29.0ç	YB	2	
180	2L(19.0)	26.0ç	MB	2	
181	1EE(7.5); 2L(15.5)	25.0ç	B	1+2	

Observations

- 1.* Construction note: Five markers are used on the quipu. The first three have the same colors and construction, the last two differ from these and from each other.



2. AS74-AS80 are associated. See AS74 for discussion.
3. By spacing, color pattern, and markers 1, 2, 3, the quipu is separated into 5

parts: Part I consists of 1 group of 7 pendants and Parts II, III, IV, V each consist of 8 groups of 5 or 6 pendants each.

4. The 32 groups of Parts II-V all have the same color pattern: BS(if present), YB, YB, YB, MB, B. The first position (BS) never exists in Part V and sometimes exists in the other parts.
5. Some numerical consistencies appear on the quipu. (a) All values are 0-3 in Part II, 0-4 in Part III, and 0-5 in Part V. (b) In Part II, positions 5 and 6 are all zero-valued. In Part V, position 2 is always zero-valued. (c) In the second, third, fourth, and eighth groups of Part III, pendants 2, 3, 4 are consecutive values. (d) The following relationships hold for all 8 groups of Part IV: $P_4 > P_3 \geq P_6 \geq P_5$ and $P_4 > P_2$.
6. The pendants in Part I contain as many as two or three values. For example, 3s knots followed by 2L knots followed by 5s knots followed by 2L knots is interpreted as 32 then 52. This type of multiple value is only found on this part of the quipu. The 7 pendants in Part I also do not have the same color pattern as the other 32 groups. This part of the quipu seems to be some kind of summary group. Values in it can be associated with values in the other parts in several ways, none of which accounts for all the values. For example 15 & 12 appears on an MB colored pendant--the sum of the MB colored pendants in Parts II & III is 15 and the sum of the MB colored pendants in Parts IV & V is 12. Also, if the eight groups in Part III are summed position by position, the sums are ?, 9, 12, 18, 15, 11. Each of these values is found in Part I.
7. Part V is further divided into groups of 3, 3, 2 by markers 4 and 5. These markers do not seem to be very carefully constructed--one is a prepared blank pendant--or carefully attached. Since no space separates the third from fourth group and the sixth from seventh group, the markers may have been used for group separators.