

QUIPU AS95/N4

Museum identification: No. G3299 (Museum für Völkerkunde, Munich)

Main cord: color B

- § 20.0 cm: one pendant cord (1), then space of 0.5 cm.
 20.5 cm: one pendant cord (2), then space of 2.0 cm.
 22.5 cm: group of 41 pendant cords (3-43), then space of 2.5 cm.
 37.0 cm: group of 20 pendant cords (44-63), then space of 1.0 cm.
 43.0 cm: group of 33 pendant cords (64-96), then space of 1.0 cm.
 54.0 cm: group of 7 pendant cords (97-103), then space of 0.5 cm.
 56.5 cm: group of 26 pendant cords (104-129), then space of 1.0 cm.
 64.0 cm: group of 11 pendant cords (130-140), then space of 1.0 cm.
 68.5 cm: one pendant cord (141), then space of 0.5 cm.
 69.0 cm: group of 5 pendant cords (142-146), then space of 5.0 cm.
 76.0 cm: group of 10 pendant cords (147-156), then space of 47.0 cm.
 126.5 cm: end ç

Cord	Knot (no., type, position)	Length	Color	Value*	Subsidiaries (no., position)
1	1E(11.5); 1E(16.5)	39.0ç	B:VB		
2	7L(12.0); 1s(18.0)	37.0ç	B		3:6.5-8.0
2s1	7L(10.0); 1s(14.0)	34.5ç	B:YG		
2s2	6L(12.5)	40.0ç	B		
2s3	6L(4.0)	19.5ç	B		
3	1s(14.5); 1E(18.5)	49.5ç	B		
4	1s(8.0); 1s(14.0); 1E(19.0)	48.5ç	B		
5	7L(10.5)	43.5ç	B:YG		

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
6	1s(9.5); 1E(11.5)	26.5¢	B:YG		
7	8L(15.5); 1E(24.0)	45.5¢	B		1:27.5
7s1	6L(14.5)	45.5¢	B		
8	4L(8.5)	25.5¢	B:YG		
9	8L(16.0)	37.5¢	B:YG		
10	3s(16.0)	44.5¢	B:YG		
11	6L(10.0); 1E(16.0)	31.5¢	B:YG		
12	4L(11.0); 1E(17.5)	47.0¢	B:YG		
13	1s(10.5); 11L(16.5)	44.5¢	B		
14	9L(7.0); 1E(19.0)	31.0¢	B		
15	5L(7.0)	37.5¢	B:YG		1:24.0
15s1	5L(12.0); 1E(20.0)	42.0¢	B		
16	1s(13.0); 8L(19.0)	45.0¢	B		
17	5L(9.5)	36.5¢	B:YG		1:6.0
17s1	10L(19.0); 1E(28.0)	51.0¢	B		
18	10L(9.5); 1E(15.5)	42.0¢	B		
19	7L(15.5); 1s(21.0); 8L(24.5)	32.5¢	B		
20	9L(10.5)	34.5¢	B:YG		
21	1E(10.5); 1E(22.5)	44.5¢	B		
22	3L(13.0)	39.5¢	B:YG		
23	1s(24.0); 1E(29.0)	66.0¢	B		
24	8L(17.5); 2L(34.0)	56.0¢	B		
25	8L(18.0); 1s(26.0); 1E(34.5)	57.0¢	B		

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
26	5L(10.5)	39.0¢	B		
27	4s(18.5)	53.0¢	B		
28	1E(17.5); 1s(32.5); 15L(33.0)	42.0¢	B		1:7.5
28s1	11L(8.0)	33.0¢	B		
29	3L(16.5); 2L(23.5)	47.5¢	B		
30	1E(12.5); 3L(19.0)	46.0¢	B		
31	5L(8.5)	30.5¢	B		
32	7L(17.0)	46.5¢	B		
33	6L(13.5)	43.5¢	B:YG		
34	7L(6.5)	31.0¢	B:VB		
35	1s(7.0); 1E(17.0)	50.0¢	B		
36	7L(9.0); 1s(21.0)	43.5¢	B		
37	6L(15.0)	45.5¢	B		
38	4L(12.0); 1s(29.5)	50.0¢	B		
39	1s(14.5); 1s(22.0); 5L(32.5)	40.0¢	B		
40	8L(12.5)	44.0¢	B		
41	5L(15.0); 7L(27.0)	40.5¢	B		
42	1E(6.5); 1E(14.5)	42.0¢	B		
43	7L(15.0)	48.0¢	B		11:5.0-8.5
43s1	11L(11.0)	41.0¢	B		
43s2	1s(8.0); 10L(13.5); 1E(19.5)	39.5¢	B		
43s3	1s(10.5); 1s(13.5); 1E(17.0)	47.0¢	B		

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
43s4	1s(12.0); 3s(16.5)	36.0¢	B:YG		
43s5	4L(6.5); 13L(15.5)	41.5¢	B		
43s6	8L(11.0)	33.0¢	B		
43s7	1s(10.0); 5L(21.0)	45.0¢	B		
43s8	10L(16.0)	46.0¢	B		
43s9	1s(11.5); 5L(13.5); 1E(17.0)	43.5¢	B		
43s10	1E(6.5); 1E(13.5)	41.0¢	B		
43s11	7L(7.0)	32.0¢	B		
44	1s(18.0); 1s(22.0)	55.5¢	B		
45	10L(13.5)	44.5¢	B		
46	3L(7.0); 1s(17.5); 1s(22.0)	47.0¢	B		
47	13L(12.5)	41.0¢	B		
48	1E(15.5); 1E(25.5)	51.0¢	B		
49	6L(6.5); 1s(12.0)	31.5b	B:YG		1:19.5
49s1	1s(9.5)	28.0¢	B		
50	7L(21.0)	49.5¢	B		
51	1s(12.0); 8L(14.0); 1E(24.0)	45.0¢	B		
52	2L(8.0); 1E(16.5)	39.5¢	B		
53	1E(10.5)	27.5b	B		
54	9L(7.5)	33.5¢	B		
55	1E(17.5)	41.0¢	B		
56	1E(16.0); 1E(22.0)	46.0¢	B		

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
57	1s(15.5); 1s(19.0)	45.0¢	B		
58	1s(21.0)	34.5¢	B		1:3.5
58s1	5L(8.0); 1E(13.0)	21.5¢	B		
59	10L(9.5)	38.5¢	B		
60	1E(20.5)	49.5¢	B		
61	1E(14.0); 3L(20.0)	40.0¢	B:YG		
62	4L(8.5); 4L(15.5); 8L(28.5)	35.0¢	B:YG		
63	6L(13.5); 1s(18.0)	39.0¢	B:VB		
64	6L(8.0)	31.0¢	B		
65	1s(8.0); 11L(11.0)	34.5¢	B		
66	9L(13.0); 1E(21.5)	48.0¢	B		1:4.5
66s1	4s(16.5)	42.5¢	B		
67	7L(18.0)	51.5¢	B		
68	8L(11.0); 1E(21.0)	43.0¢	B		1:3.0
68s1	2L(7.0); 1s(12.0); 2L(19.0)	27.0¢	B		
69	1E(9.0); 3L(23.0)	23.0b	B		
70	3L(14.5)	40.5¢	B		1:6.0
70s1	1s(9.0); 1E(12.0)	38.0¢	B:YG		
71	11L(20.0)	54.5¢	B		
72	3s(15.0); 2L(22.0)	49.5¢	B		
73	6L(15.0)	49.5¢	B		
74	5L(26.0); 4L(27.5)	51.5¢	B		

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
75	1E(14.5); 1s(25.5)	68.5¢	B		
76	1E(11.0); 5s(24.0)	45.5¢	B		
77	1E(10.5); 1s(15.5); 3L(22.5)	38.5¢	B		1:3.5
77s1	6L(8.5); 2L(15.5)	34.5¢	B		
78	9L(13.0); 2L(20.5)	50.5¢	B		
79	10L(15.0); 1s(20.0)	39.0¢	B		
80	1s(12.0); 10L(17.5)	43.0¢	B		
81	1s(20.5); 1s(21.5); 1E(22.5); 1s(25.0); 1E(28.0)	54.0¢			
82	11L(16.0); 1E(22.0)	42.0¢	B		
83	2s(15.0)	42.5¢	B		
84	9L(27.0)	63.5¢	B		
85	8L(12.0); 1s(17.0)	34.5¢	B		
86	8L(24.0); 3s(34.0)	60.5¢	B		
87	6L(16.0); 2L(23.0)	50.5¢	B		
88	1s(12.5); 4L(23.5); 2s(29.0)	56.5¢	B		
89	1s(13.5); 2L(16.5)	41.0¢	B:YG		
90	5L(14.5); 1s(19.0)	40.5¢	B		
91	1E(16.5); 1E(24.5)	56.5¢	B		
92	6L(15.0); 1s(21.5)	49.5¢	B		
93	1s(17.0); 1E(22.0)	52.5¢	B		
94	1E(21.5); 1s(27.0)	54.0¢	B		
95	1s(15.5); 4L(18.0); 1E(26.0)	46.0¢	B		1:7.5; 2:8.5-9.0

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
95s1	6L(11.5); 1s(17.0)	42.5¢	B:YG		
95s2	1s(13.5); 1s(25.0)	44.5¢	B		
95s3	7L(15.0)	35.5¢	B		
96	3L(19.5); 1s(30.0)	47.0¢	B:VB		
97	2s(17.0); 3L(20.5); 1s(22.5); 1s(23.5)	40.0¢	B		1:28.5
97s1	1s(7.5); 1s(12.0)	26.0¢	B		
98	1s(32.5); 12L(41.5)	60.0¢	B		
99	8L(25.0)	61.5¢	B		
100	7L(19.0)	58.5¢	B		
101	4L(17.5)	40.5¢	B		
102	7L(12.5)	42.5¢	B		
103	1s(17.0); 1E(23.0)	48.5¢	B		1:4.5
103s1	1E(10.0)	25.0¢	B		
104	1s(13.0); 1E(19.5)	36.5¢	B		4:5.5-7.0; 1:21.5
104s1	1E(17.5)	38.5¢	B:VB		
104s2	1E(15.0)	38.0¢	B		
104s3	1E(7.5); 1s(11.5); 1s(20.0)	41.5¢	B		
104s4	1s(11.0); 9L(14.5)	48.5¢	B		
104s5	1E(13.5)	25.5¢	B:VB		
105	1E(22.0); 1s(31.0)	70.5¢	B		1:9.5
105s1	9L(11.0); 5L(19.5)	33.0¢	B		
106	2L(14.0); 1s(16.5)	35.0¢	B		

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
107	10L(10.0); 2s(17.0)	43.5¢	B		
108	7L(11.5); 3s(16.0)	42.0¢	B		
109	8L(15.5); 1E(23.5)	50.5¢	B		1:9.0
109s1	1E(8.0); 1s(13.0)	25.0¢	B		
110	1s(15.0); 1s(18.0); 1s(21.0)	51.0¢	B		
111	7L(9.5); 1E(17.5)	38.0¢	B		
112	1E(12.0); 1s(19.0); 4L(27.5)	48.5¢	B:VB		
113	1s(14.5); 6L(22.0); 1s(28.0)	48.0¢	B		
114	4s(20.5)	48.5¢	B		
115	10L(10.0); 1E(18.5)	39.0¢	B		
116	1E(10.0); 4L(22.5)	51.0¢	B		
117	5L(16.5); 1s(19.5); 7L(24.0)	41.5¢	B		
118	6L(8.5); 1s(15.0)	36.0¢	B		
119	3s(22.0); 2s(23.0)	55.5¢	B		
120	1E(14.0); 1s(21.5); 2s(30.0)	54.0¢	B		
121	10L(14.5); 1s(17.5)	40.0¢	B		1:3.5
121s1	1E(12.0); 1s(17.5)	33.5¢	B		
122	1E(17.0)	39.0¢	B		
123	12(10.0)	36.0¢	B		
124	9L(12.0); 1s(21.0)	39.5¢	B		
125	1E(18.5)	44.5¢	B		

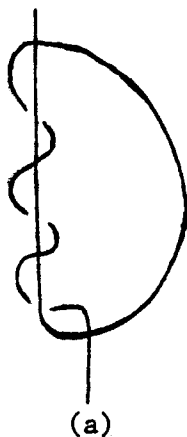
Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
126	1s(12.0); 2L(13.0); 5L(30.0); 1s(32.0)	47.0¢	B		
127	12L(7.0); 3s(14.5)	39.5¢	B		
128	5L(27.5); 3s(34.5)	60.0¢	B		
129	6L(16.5); 1s(20.5)	43.5¢	B:YG		1:11.0
129s1	9L(14.0); 2s(19.5)	39.5¢	B		1:8.5
129s1s1	14L(11.0); 2s(22.0)	50.0¢	B		2:8.0, 9.0
129s1s1s1	12L(5.0); 1s(13.5); 1s(19.5)	36.0¢	B		
129s1s1s2	2L(11.0); 5L(23.0)	39.0¢	B		
130	4L(16.5); 1s(23.5)	43.5¢	B		
131	1s(14.0); 1E(15.0)	39.5¢	B:VB		
132	1s(18.5); 1s(24.5)	59.0¢	B		1:4.5
132s1	5L(4.5)	27.5¢	B		
133	1s(12.0); 8L(21.0); 2L(37.0)	47.5¢	B		
134	1s(13.0); 2s(14.5)	33.0¢	B		
135	9L(20.0)	48.5¢	B		1:9.0
135s1	2L(14.5)	28.5¢	B:VB		
136	1s(17.5)	38.5¢	B:YG		
137	9L(11.0); 1s(22.5)	48.0¢	B		1:5.5
137s1	3L(8.5); 1s(18.5)	27.5¢	B		
138	3s(19.5); 3L(27.0)	58.5¢	B		
139	6L(8.0); 2L(35.0)	58.5¢	B		
140	10L(12.5)	33.5¢	B		1:2.5

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
140s1	1E(13.0); 5L(21.0)	40.0¢	B		
141	6L(17.5)	44.5¢	B		11:6.0-11.0
141s1	1s(7.0)	32.5¢	B		
141s2	--	50.5¢	B		
141s3	2L(14.0); 8L(20.5); 7L(32.5)	46.0¢	B		
141s4	1s(10.0); 10L(13.0); 1s(19.5); 10L(28.0)	41.0¢	B		
141s5	1s(12.5); 10L(17.5); 1s(25.5); 9L(34.5)	45.0¢	B		
141s6	9L(12.5); 7L(27.0)	36.0¢	B		
141s7	8L(26.0)*	33.5b	B		
141s8	11L(12.5); 1s(19.5); 10L(26.5)	39.0¢	B		
141s9	1s(11.0); 5L(24.5); 1s(30.5)	48.5¢	B		
141s10	1s(13.0); 2s(21.5); 3s(24.0)	46.5¢	B		
141s11	3s(13.5); 14L(26.5)	42.0¢	B		
142	--	53.0¢	B		
143	--	57.5¢	B		
144	--	54.0¢	B		
145	--	61.0¢	B		
146	--	17.5¢	B		
147	--	59.5¢	B:YG		
148	--	56.5¢	B		

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
149	--	56.0¢	B		
150	--	62.0¢	B		
151	--	60.5¢	B		
152	--	78.5¢	B		
153	--	59.5¢	B		
154	--	53.0¢	B		
155	--	52.5¢	B		
156	--	56.0¢	B		

Observations

- *1. No numerical interpretation is possible as the knot clusters do not conform to the base ten positional system. Twenty-three different knot cluster orders are found on the pendants. These include long knots or figure eight knots followed by single knots, and long knots or single knots followed by long knots. Also, there are 32 knot clusters which contain 10-15 knots.
2. Construction note: Several long knots of 2, 3, or 4 are constructed in a reverse manner. (a) is a usual long knot of 3; (b) is a reversed long knot of 3.



3. AS95 and AS96 are associated in that they are both designated by the Museum as donated by Gaffron. The provenance is Pachacamac. They are quite dissimilar in construction. AS95 is similar to AS87 (also donated by Gaffron) in that they both have different types of knots in all positions, knot clusters of more than 9 knots occur, and reversed long knots are found.
4. AS95 is also discussed by Nordenskiöld(see Introduction, Table 3).