

QUIPU AS88/N6

Museum identification: No. G3297 (Museum Für Völkerkunde, Munich, W. Germany)

Main cord: color DB:W

- § 2.0 cm: group of 2 pendant cords (1-2), then space of 0.5 cm.
- 3.0 cm: group of 5 pendant cords (3-7), then space of 1.0 cm.
- 5.0 cm: group of 4 pendant cords (8-11), then space of 0.5 cm.
- 6.5 cm: group of 4 pendant cords (12-15), then space of 0.5 cm.
- 8.0 cm: group of 4 pendant cords (16-19), then space of 0.5 cm.
- 9.5 cm: group of 4 pendant cords (20-23), then space of 0.5 cm.
- 11.0 cm: group of 4 pendant cords (24-27), then space of 0.5 cm.
- 12.5 cm: group of 4 pendant cords (28-31), then space of 0.5 cm.
- 14.0 cm: group of 4 pendant cords (32-35), then space of 0.5 cm.
- 15.5 cm: group of 4 pendant cords (36-39), then space of 0.5 cm.
- 17.0 cm: group of 4 pendant cords (40-43), then space of 0.5 cm.
- 18.5 cm: group of 4 pendant cords (44-47), then space of 0.5 cm.
- 20.0 cm: group of 4 pendant cords (48-51), then space of 0.5 cm.
- 21.5 cm: group of 3 pendant cords (52-54), then space of 1.0 cm.
- 23.5 cm: group of 4 pendant cords (55-58), then space of 0.5 cm.
- 25.0 cm: group of 3 pendant cords (59-61), then space of 0.5 cm.
- 26.0 cm: group of 3 pendant cords (62-64), then space of 0.5 cm.
- 27.0 cm: group of 3 pendant cords (65-67), then space of 0.5 cm.
- 28.0 cm: group of 3 pendant cords (68-70), then space of 0.5 cm.
- 29.0 cm: group of 3 pendant cords (71-73), then space of 0.5 cm.
- 30.0 cm: group of 3 pendant cords (74-76), then space of 0.5 cm.
- 31.0 cm: group of 3 pendant cords (77-79), then space of 0.5 cm.

32.0 cm: group of 3 pendant cords (80-82), then space of 10.0 cm.

42.5 cm: group of 3 pendant cords (83-85), then space of 1.0 cm.

44.5 cm: group of 2 pendant cords (86-87), then space of 55.5 cm.

100.5 cm: end ç

Cords	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	1s(11.5); 2L(21.0)	40.5ç	MB	12	
2	9L(20.0)	36.5ç	W	9	
3	1s(7.0); 1s(14.5)	42.0ç	YB:W	110	
4	2s(14.0); 4L(27.5)	46.5ç	MB	24	
5	1s(14.5); 4L(28.0)	41.0ç	W	14	
6	2s(13.5); 2L(27.0)	36.5ç	MB	22	
7	--	50.0ç	YB:W	0	
8	1s(13.5)	43.0ç	YB:W	10	
9	2L(26.0)	52.0ç	MB	2	
10	1E(25.5)	46.0ç	W	1	
11	2L(26.0)	46.0ç	MB	2	
12	1s(14.0)	40.0ç	YB:W	10	
13	3L(25.5)	50.0ç	MB	3	1:0.5
13s1	2L(25.5)	38.0ç	YB	2	
14	1E(26.5)	43.0ç	W	1	1:15.5
14s1	4L(13.5)	27.5ç	W	4	
15	2L(25.0)	44.5ç	MB	2	
16	1s(14.0)	42.5ç	YB:W	10	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
17	2L(25.5)	51.5¢	MB	2	
18	1E(25.5)	41.5¢	W	1	
19	2L(24.0)	44.5¢	MB	2	
20	1s(14.0)	44.0¢	YB:W	10	
21	2L(25.5)	53.0¢	MB	2	
22	1E(26.0)	44.5¢	W	1	
23	2L(24.5)	46.5¢	MB	2	
24	1s(14.5)	44.5¢	YB:W	10	
25	2L(26.0)	43.0¢	MB	2	1:0.5
25s1	1E(25.0)	44.0¢	YB	1	
26	1E(25.5)	44.0¢	W	1	1:0.5
26s1	1E(25.0)	38.0¢	W	1	
27	2L(25.0)	45.5	MB	2	
28	1s(14.0)	41.5¢	YB:W	10	
29	2L(25.0)	50.5¢	MB	2	1:0.5
29s1	3L(24.0)	44.0¢	YB	3	
30	1E(25.0)	45.0¢	W	1	
31	2L(24.5)	47.0¢	MB	2	
32	1s(12.5)	37.5¢	YB:W	10	
33	3L(26.0)	50.0¢	MB	3	
34	1E(26.0)	42.0¢	W	1	
35	2L(24.5)	45.5¢	MB	2	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
36	1s(12.0)	37.5¢	YB:W	10	
37	2L(26.0)	49.0¢	MB	2	
38	1E(26.0)	44.5¢	W	1	
39	2L(27.0)	48.5¢	MB	2	
40	1s(12.0)	43.5¢	YB:W	10	
41	2L(26.5)	51.0¢	MB	2	
42	1E(25.5)	34.5¢	W	1	
43	2L(25.0)	46.5¢	MB	2	
44	1s(12.5)	38.0¢	YB:W	10	
45	2L(27.0)	51.5¢	MB	2	
46	1E(24.5)	44.5¢	W	1	
47	2L(24.5)	46.5¢	MB	2	
48	1s(12.5)	36.0¢	YB:W	10	
49	2L(23.0)	41.0¢	MB	2	1:0.5
49s1	2L(22.0)	41.0¢	YB	2	
50	1E(23.0)	39.5¢	W	1	1:0.5
50s1	1E(28.0)	33.5¢	W	1	
51	2L(23.5)	37.0¢	MB	2	
52	2s(7.5); 4L(21.0)	38.5¢	W	24	1:0.5
52s1	1s(7.0)	44.0¢	YB	10	
53	2s(7.5); 7L(19.5)	38.0¢	MB	27	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
54	1s(7.0); 4L(19.5)	34.0	YB:W	14	
55	4L(8.5)	37.0¢	W	4	
56	4L(8.0)	33.5¢	YB	4	
57	4L(8.0)	43.5¢	MB	4	
58	2L(8.0)	39.0¢	YB:W	2	
59	4L(8.0)	41.0¢	W	4	
60	4L(7.5)	33.5¢	YB	4	
61	5L(8.0)	37.5¢	YB:W	5	
62	2L(7.5)	43.5¢	W	2	
63	2L(7.0)	36.0¢	YB	2	
64	4L(7.0)	38.5¢	YB:W	4	
65	2L(7.5)	43.5¢	W	2	
66	4L(8.0)	37.5¢	YB	4	
67	1E(22.0)	38.0¢	YB:W	1	
68	2L(8.5)	45.5¢	W	2	
69	1E(23.0)	35.5¢	YB	1	
70	2L(7.5)	39.0¢	YB:W	2	
71	2L(8.0)	45.5¢	W	2	
72	2L(7.5)	37.0¢	YB	2	
73	--	44.5¢	YB:W	0	
74	2L(9.5)	40.5¢	W	2	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
75	1E(23.5)	39.0	YB	1	
76	--	40.0¢	YB:W	0	
77	2L(9.5)	43.5¢	W	2	
78	5L(9.0)	37.5¢	YB	5	
79	--	40.5¢	YB:W	0	
80	4L(8.0)	32.0¢	W	4	
81	4L(7.5)	34.0¢	YB	4	
82	2L(8.5)	41.5¢	YB:W	2	
83	2L(7.5)	37.0¢	YB	2	
84	2L(7.5)	37.0¢	DB	2	
85	1E(22.5)	39.5¢	YB:W	1	
86	2L(8.0)	41.5¢	W	2	
87	2L(7.5)	36.0¢	YB:W	2	

Observations

1. The Museum designates the quipu as donated by Gaffron. Huacho u. Pachacamac is the provenance.
2. AS88 is also discussed by Nordenskiöld (see Introduction, Table 3).
3. By spacing, the quipu is separated into 25 groups. Groups 2-13 and groups 14-23 are united by values and color pattern. Group 24 is separated from group 23 by a much larger space on the main cord. Hence, the quipu can be

described as in 4 parts: Part I contains 1 group of 2 pendants; Part II is groups 2-13; Part III is groups 14-23; and Part IV is groups 24-25.

4. Part II consists of 12 groups of 4 pendants each. (The first group has an additional blank pendant.) For every group, the color pattern is YB:W, MB, W, MB. Subsidiaries appear only on the 2nd and 3rd pendant positions: those in the second position are YB and those in the third are W. The values on the first, second, and fourth pendants of the first group are the sums of the pendant values in the corresponding positions in the remaining 11 groups. The value on the third pendant is 14 which is 3 more than the sum of the corresponding values. The values on the subsidiaries are not included in the summations.
5. Part II consists of 10 groups.
 - (a) With 2 exceptions, all the groups have 3 pendants and the color pattern W, YB, YB:W. The exceptions are: the first group has a pendant colored MB instead of YB; the second group has an additional pendant colored MB.
 - (b) The values on the first and second pendants in the first group are the sums of the pendant values in the corresponding positions in the remaining 9 groups. The value on the third pendant is 14 which is 2 less than the sum of the corresponding values. The values of the one subsidiary in the first group and the additional MB pendant in the second group are not included in the sums.
6. The sum of the subsidiary values omitted from the sums in Part II are equal to the sum of the subsidiary and extra pendant value omitted from the sums

in Part III. Also, in both parts, it is the 3rd pendant in the first group whose value is not the exact sum of the corresponding values. Both of them have value 14: and, in one case, it was 3 in excess of the corresponding values; in the other case, there is a deficit of 2.