

QUIPU AS114

Museum identification: No. VA16148 (Museum Für Völkerkunde, Berlin)

Main cord: color HB-B

\$ 28.5 cm: group of 10 pendant cords (1-10), then space of 1.5 cm.

31.5 cm: group of 9 pendant cords (11-19), then space of 3.5 cm.

36.5 cm: group of 160 pendant cords (20-179), then space of 1.5 cm.

66.5 cm: group of 160 pendant cords (180-339), then space of 38.5 cm.

133.0 cm: end b

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	--	37.0ç	B	0	
2	--	40.0ç	B	0	
3	--	45.5ç	B	0	
4	--	42.5ç	B	0	
5	--	43.0ç	B	0	
6	--	42.0ç	B	0	
7	--	45.0ç	B	0	
8	--	45.5ç	B	0	
9	--	43.5ç	B	0	
10	--	37.5ç	B	0	
11	--	39.5ç	B	0	
12	--	39.0ç	B	0	
13	--	38.5ç	B	0	
14	--	40.5ç	B	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
15	--	39.5¢	B	0	
16	--	39.0¢	B	0	
17	--	40.0¢	B	0	
18	--	40.5¢	B	0	
19	--	39.0¢	B	0	
20	--	39.0¢	B	0	
21	1E(14.0)	39.5¢	B	1	
22	1E(14.0)	39.0¢	B	1	
23	1E(14.5)	39.0¢	B	1	
24	3L(14.0)	39.0¢	B	3	
25	3L(14.5); 1E(21.0)	36.0¢	B	3+1	
26	2L(14.0); 1E(21.5)	37.0¢	B	2+1	1:1.0
26s1	5L(23.0)	23.5b	B	0+5	
27	3L(13.5)	37.0¢	B	3	
28	2L(13.5)	40.0¢	B	2	
29	2L(13.5)	40.0¢	B	2	
30	--	44.0¢	W	0	
31	--	43.5¢	W	0	
32	--	46.5¢	W	0	
33	--	26.0b	W	0	
34	--	40.5¢	W	0	
35	--	38.0¢	W	0	
36	--	43.0¢	W	0	
37	--	33.5¢	W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
38	--	45.0¢	W	0	
39	--	42.0¢	W	0	
40	4s(13.5)	45.0¢	HB	40	
41	9L(23.0)	43.0¢	HB	9	
42	5s(13.5); 7L(23.5)	38.5¢	HB	57	
43	3s(13.0)	46.5¢	HB	30	
44	5s(13.5); 6L(22.5)	37.5¢	HB	56	
45	8s(14.0)	40.0¢	HB	80	
46	2s(12.5); 1E(22.0)	40.0¢	HB	21	
47	8L(23.0)	44.5¢	HB	8	
48	2s(13.5); 2L(22.5)	45.0¢	HB	22	
49	1s(13.5); 2L(23.0)	49.0¢	HB	12	
50	--	48.5¢	B	0	
51	--	48.0¢	B	0	
52	--	45.5¢	B	0	
53	--	49.5¢	B	0	
54	--	50.0¢	B	0	
55	--	47.0¢	B	0	
56	1s(8.5); 9L(21.5); 1E(22.5)	39.0¢	B	109+1	1:0.5
56s1	8L(23.0)	46.0¢	CB:B	8	
57	1s(8.0)	49.0¢	B	100	
58	8s(15.5); 8L(23.0)	30.0¢	B	88	
59	7s(15.0); 6L(22.0)	37.0¢	B	76	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
60	--	38.0¢	B	0	
61	--	40.0¢	B	0	
62	--	41.5¢	B	0	
63	--	39.5¢	B	0	
64	--	39.0¢	B	0	
65	--	39.0¢	B	0	
66	2s(9.0); 3s(15.0); 1E(22.0)	34.0¢	B	231	
67	2s(8.5); 4s(15.0)	32.5¢	B	240	
68	2s(9.0); 3s(16.0); 1E(23.5)	31.5¢	B	231	
69	1s(8.5); 5s(15.5); 2L(23.0)	32.0¢	B	152	
70	--	39.0¢	YB:B	0	
71	--	36.0¢	YB:B	0	
72	--	35.5¢	YB:B	0	
73	--	36.0¢	YB:B	0	
74	--	37.0¢	YB:B	0	
75	--	35.5¢	YB:B	0	
76	--	36.5¢	YB:B	0	
77	--	35.0¢	YB:B	0	
78	--	37.5¢	YB:B	0	
79	--	34.5¢	YB:B	0	
80	1s(8.5)	47.0¢	GØ	100	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
81	3s(14.5)	44.5¢	GØ	30	
82	3s(14.5); 2L(20.5)	40.5¢	GØ	32	
83	3s(15.0); 7L(21.5)	39.0¢	GØ	37	
84	6s(15.5); 1E(22.0)	40.0¢	GØ	61	1:1.0
84s1	1s(14.0)	43.0¢	CB	10	
85	--	45.5¢	GØ	0	
86	7s(16.0); 2L(22.5)	36.0¢	GØ	72	1:0.5
86s1	1s(14.5); 2L(22.0)	50.0¢	GY	12	
87	2s(14.5)	44.5¢	GØ	20	
88	2s(14.0)	45.5¢	GØ	20	
89	1s(9.0); 9L(22.5)	39.0¢	GØ	109	
90	--	48.5¢	B	0	
91	--	45.0¢	B	0	
92	--	33.5¢	B	0	
93	--	44.5¢	B	0	
94	--	42.5¢	B	0	
95	--	47.5¢	B	0	
96	--	46.5¢	B	0	
97	5L(20.5)	40.5¢	B	5	
98	5L(21.0)	39.0¢	B	5	
99	2L(21.0)	43.5¢	B	2	
100	--	51.5¢	YB	0	
101	5L(23.0)	48.5¢	YB	5	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
102	1s(15.5)	53.0¢	YB	10	
103	3L(22.5)	52.0¢	YB	3	
104	1s(15.5)	50.5¢	YB	10	1:1.0
104s1	3s(13.5); 6L(20.5)	31.0¢	GØ	36	
105	3s(15.5); 5L(22.5)	42.0¢	YB	35	
106	--	53.0¢	YB	0	
107	--	52.5¢	YB	0	
108	--	40.0b	YB	0	
109	--	50.5¢	YB	0	
110	--	38.0¢	B	0	
111	--	36.5¢	B	0	
112	--	40.5¢	B	0	
113	--	42.0¢	B	0	
114	--	39.0¢	B	0	
115	--	39.5¢	B	0	
116	1s(14.5); 2L(21.5)	37.0¢	B	12	1:1.0
116s1	3s(13.5); 6L(20.5)	34.5¢	B-W	36	
117	--	38.5¢	B	0	
118	--	38.0¢	B	0	
119	--	38.5¢	B	0	
120	--	37.5¢	W	0	
121	--	35.5¢	W	0	
122	--	39.5¢	W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
123	--	40.5¢	W	0	
124	--	38.5¢	W	0	
125	--	22.5b	W	?	
126	4L(22.0)	24.5b	W	4	
127	6L(21.5)	27.0b	W	6	
128	1s(14.5); 1E(22.0)	35.0¢	W	11	
129	2s(15.0); 1E(22.5)	23.0b	W	21	
130	--	41.5¢	CB	0	
131	--	41.0¢	CB	0	
132	--	37.5¢	CB	0	
133	--	40.5¢	CB	0	
134	--	41.5¢	CB	0	
135	5s(14.5); 8L(21.5)	27.5¢	CB	58	
136	1E(21.0)	39.0¢	CB	1	
137	2L(21.0)	40.5¢	CB	2	
138	4L(21.5)	34.0¢	CB	4	
139	6L(22.0)	34.0¢	CB	6	
140	--	50.5¢	B	0	
141	--	49.5¢	B	0	
142	--	50.5¢	B	0	
143	1s(15.0); 1E(22.0)	45.5¢	B	11	
144	2s(15.0); 1E(22.0)	43.5¢	B	21	
145	2s(15.0); 3L(22.5); 4L(27.0)	45.0¢	B	23+4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
146	--	47.5¢	B	0	
147	--	50.0¢	B	0	
148	--	48.0¢	B	0	
149	7L(21.5); 4L(26.5)	35.5¢	B	7+4	
150	1s(15.0); 1E(22.5)	35.0¢	CB:B	11	
151	1s(15.0); 3L(22.0)	33.0¢	CB:B	13	
152	2s(15.0)	36.0¢	CB:B	20	
153	1s(15.0)	36.5¢	CB:B	10	
154	1s(15.0)	36.5¢	CB:B	10	
155	1s(15.0)	35.0¢	CB:B	10	1:1.0
155s1	1s(13.0); 2L(19.5)	41.0¢	CB:B:W	12	
156	2s(15.0); 4L(22.0)	32.0¢	CB:B	24	
157	2s(15.0); 5L(22.0)	32.0¢	CB:B	25	
158	2s(15.0); 2L(22.5)	33.5¢	CB:B	22	
159	4L(21.5)	34.5¢	CB:B	4	1:0.5
159s1	3s(16.0); 7L(24.0)	30.5¢	CB:B	37	
160	2s(9.0); 3s(15.0); 4L(22.0)	32.0¢	GY:W	234	
161	2s(9.0); 2s(15.0); 3L(22.0)	37.0¢	GY:W	223	
162	2s(9.5); 2s(15.5); 3L(22.5)	36.0¢	GY:W	223	
163	1s(9.0); 2s(15.5); 3L(21.5)	35.0¢	GY:W	123	
164	1s(8.0); 2L(21.0)	38.0¢	GY:W	102	
165	1s(9.0)	43.5¢	GY:W	100	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
166	1s(8.5); 1s(15.0); 3L(22.5)	38.5¢	GY:W	113	
167	1s(9.0); 1s(15.0); 3L(22.0)	36.5¢	GY:W	113	
168	1s(8.5); 1s(14.5); 2L(21.5)	38.5¢	GY:W	112	
169	1s(8.5); 1E(22.0)	38.0¢	GY:W	101	
170	--	42.5¢	HB:CB	0	
171	--	50.0¢	HB:CB	0	
172	--	39.5¢	HB:CB	0	
173	--	40.5¢	HB:CB	0	
174	--	38.5¢	HB:CB	0	
175	--	36.0¢	HB:CB	0	
176	--	37.5¢	HB:CB	0	
177	--	36.0¢	HB:CB	0	
178	--	38.5¢	HB:CB	0	
179	--	39.0¢	HB:CB	0	
180	--	41.0¢	B	0	
181	1E(15.0)	39.0¢	B	1	
182	1E(15.0)	39.5¢	B	1	
183	1E(14.5)	39.5¢	B	1	
184	3L(15.0)	38.0¢	B	3	
185	3L(15.0); 1E(20.5)	36.5¢	B	3+1	
186	5L(15.0); 1E(20.5)	35.0¢	B	5+1	
187	4L(14.5)	36.5¢	B	4	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
188	4L(14.5)	37.0¢	B	4	
189	3L(15.0)	37.0¢	B	3	
190	--	42.0¢	W	0	
191	--	41.0¢	W	0	
192	--	43.5¢	W	0	
193	--	41.5¢	W	0	
194	--	42.5¢	W	0	
195	--	41.5¢	W	0	
196	--	27.0b	W	0	
197	--	43.0¢	W	0	
198	--	26.0b	W	0	
199	--	40.0¢	W	0	
200	4s(13.5)	35.0¢	HB	40	
201	1s(12.5)	42.5¢	HB	10	
202	5s(13.0); 3L(22.5)	33.0¢	HB	53	
203	3s(13.0)	39.0¢	HB	30	
204	7s(13.0); 4L(21.5)	29.5¢	HB	74	
205	7s(13.0); 5L(22.0)	28.5¢	HB	75	
206	2s(12.0); 2L(21.5)	37.5¢	HB	22	
207	2s(12.5); 2L(22.5)	38.0¢	HB	22	
208	2s(13.0); 3L(23.0)	36.5¢	HB	23	
209	2s(12.0); 1E(21.0)	37.0¢	HB	21	
210	--	39.0¢	B	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
211	--	39.5¢	B	0	
212	--	40.0¢	B	0	
213	--	39.0¢	B	0	
214	--	39.0¢	B	0	
215	--	43.0¢	B	0	
216	1s(8.0); 9L(21.5)	29.0¢	B	109	1:1.0
216s1	5L(21.5)	49.0¢	CB:B	5	
217	1s(8.0); 1E(22.5)	39.5¢	B	101	
218	1s(8.0); 1s(13.5)	39.5¢	B	110	
219	9s(15.0); 8L(18.0)	21.0¢	B	98	
220	--	38.5¢	YB:B	0	
221	--	39.0¢	YB:B	0	
222	--	37.5¢	YB:B	0	
223	--	39.0¢	YB:B	0	
224	--	38.5¢	YB:B	0	
225	--	41.0¢	YB:B	0	
226	2s(8.5); 3L(22.5)	33.0¢	YB:B	203	
227	2s(8.5); 1s(14.0); 2L(21.5)	29.0¢	YB:B	212	
228	2s(8.5); 1s(14.5)	37.5¢	YB:B	210	
229	2s(9.0); 1s(15.0); 3L(22.0)	34.5¢	YB:B	213	
230	--	42.0¢	B	0	
231	--	40.0¢	B	0	

Cord	Knots (no., type, position)	Length	Color	Value (no., position)	Subsidiaries (no., position)
232	--	40.0¢	B	0	
233	--	39.5¢	B	0	
234	--	49.0¢	B	0	
235	--	42.5¢	B	0	
236	--	53.0¢	B	0	
237	--	41.5¢	B	0	
238	--	39.5¢	B	0	
239	--	43.5¢	B	0	
240	1s(8.5)	41.5¢	GØ	100	
241	4s(14.5); 3L(21.0)	31.5¢	GØ	43	
242	4s(15.0); 1E(22.0)	40.0¢	GØ	41	
243	3s(15.0); 3L(22.0)	40.5¢	GØ	33	
244	6s(15.5)	37.0¢	GØ	60	1:1.0
244s1	1s(13.5)	41.0¢	CB	10	
245	--	45.0¢	GØ	0	1:1.0
245s1	2s(13.0); 4L(20.0)	32.5	GY	24	
246	1s(14.5); 5L(22.0)	40.5¢	GØ	15	1:1.0
246s1	1s(13.5); 3L(20.5)	41.0¢	GY	13	
247	1s(8.0); 5L(21.0)	35.5¢	GØ	105	
248	1s(14.5)	46.0¢	GØ	10	
249	1s(8.5); 1s(14.0); 9L(22.0)	34.5¢	GØ	119	
250	--	43.5¢	B	0	
251	--	41.0¢	B	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
252	--	40.5¢	B	0	
253	--	45.5¢	B	0	
254	--	43.5¢	B	0	
255	5L(21.5)	38.0¢	B	5	
256	--	44.0¢	B	0	
257	4L(21.5)	46.5¢	B	4	
258	4L(21.0)	40.0¢	B	4	
259	4L(22.0)	36.5¢	B	4	
260	--	39.0¢	YB	0	
261	8L(22.5)	26.0	YB	8	
262	5L(21.0)	30.0¢	YB	5	
263	1s(15.0)	43.0¢	YB	10	
264	7L(23.0)	33.0¢	YB	7	1:1.0
264s1	3s(13.5); 5L(20.5)	31.0¢	GØ	35	
265	4s(15.0)	36.0¢	YB	40	
266	1s(13.0); 5L(20.5)	32.5¢	YB	15	
267	--	40.5¢	YB	0	
268	--	40.0¢	YB	0	
269	--	39.0¢	YB	0	
270	--	44.0¢	B	0	
271	--	43.5¢	B	0	
272	--	42.5¢	B	0	
273	--	39.0¢	B	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
274	--	42.0¢	B	0	
275	--	39.5¢	B	0	
276	1s(14.0); 3L(21.0)	36.0¢	B	13	1:0.5
276s1	3s(13.0); 6L(20.0)	40.0¢	B-W	36	
277	--	39.0¢	B	0	
278	--	45.5¢	B	0	
279	--	43.0¢	B	0	
280	--	45.0¢	W	0	
281	--	40.5¢	W	0	
282	--	40.5¢	W	0	
283	--	39.0¢	W	0	
284	--	42.5¢	W	0	
285	5s(14.0); 1E(21.0)	35.0¢	W	51	
286	--	49.0¢	W	0	
287	--	49.5¢	W	0	
288	6L(25.0)	46.5¢	W	6	
289	1s(15.0)	45.0¢	W	10	1:1.0
289s1	1s(13.5)	24.5b	W	10	
290	--	37.0¢	CB	0	
291	--	37.5¢	CB	0	
292	--	37.5¢	CB	0	
293	--	50.5¢	CB	0	
294	--	39.0¢	CB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
295	5s(14.5); 8L(21.5)	26.5¢	CB	58	
296	2L(21.5)	39.0¢	CB	2	
297	2L(20.5)	48.0¢	CB	2	
298	6L(20.5)	36.5¢	CB	6	
299	8L(21.5)	31.5¢	CB	8	
300	--	38.5¢	B	0	
301	--	39.0¢	B	0	
302	--	35.0¢	B	0	
303	1s(14.0)	41.5¢	B	0	
304	2s(14.0); 3L(22.0)	42.0¢	B	23	
305	2s(14.0); 3L(21.5)	42.0¢	B	23	
306	--	40.5¢	B	0	
307	--	42.0¢	B	0	
308	--	43.5¢	B	0	
309	1s(14.0); 2L(21.5)	38.5¢	B	12	
310	1s(14.5); 2L(22.0)	36.0¢	CB:B	12	
311	1s(15.0); 3L(22.5)	33.0¢	CB:B	13	
312	1s(14.5); 4L(22.0)	34.5¢	CB:B	14	
313	1s(14.5); 3L(22.0)	36.5¢	CB:B	13	
314	1s(14.5); 2L(21.5)	35.5¢	CB:B	12	1:2.5
314s1	2L(18.0)	24.0¢	CB	2	
315	1s(14.5); 4L(21.5)	30.0¢	CB:B	14	1:0.5
315s1	2s(13.0)	50.0¢	CB:B:W	20	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
316	2s(15.0)	38.0¢	CB:B	20	
317	2s(15.0)	37.0¢	CB:B	20	
318	1s(14.0)	36.0¢	CB:B	10	
319	1s(14.5)	40.0¢	CB:B	10	1:0.5
319s1	2s(15.0); 3L(21.5)	37.5¢	CB:B	23	
320	2s(9.0); 5L(22.0)	37.0¢	GY:W	205	
321	2s(9.0)	27.0b	GY:W	200	
322	1s(9.0)	37.0¢	GY:W	100	
323	1s(8.5)	27.0b	GY:W	100	
324	2s(9.0)	41.5¢	GY:W	200	
325	2s(9.5)	28.5b	GY:W	200	
326	3s(10.0); 1s(16.0)	35.0¢	GY:W	310	
327	4s(10.0)	33.5¢	GY:W	400	
328	7s(10.0); 3L(22.0)	26.0¢	GY:W	703	
329	1s(9.0); 3s(16.0)	29.0b	GY:W	130	
330	--	43.0¢	HB:CB	0	
331	--	44.5¢	HB:CB	0	
332	--	45.5¢	HB:CB	0	
333	--	40.0¢	HB:CB	0	
334	--	42.5¢	HB:CB	0	
335	--	38.0¢	HB:CB	0	
336	--	41.5¢	HB:CB	0	
337	--	45.5¢	HB:CB	0	
338	--	42.0¢	HB:CB	0	
339	--	42.5¢	HB:CB	0	

Observations

1. This is one of several quipus acquired by the Museum in 1904 with provenance between Ica and Pisco. For a discussion of them, see AS98.
2. By spacing, there are 4 groups of pendants. The first 2 groups have 10 and 9 pendants respectively. The next 2 groups have 160 pendants each. By color, each of the latter groups are separated into 16 sets of 10 pendants each.
3. All pendants in groups 1 and 2 are zero-valued (or blank). A prepared pendant blank, the color of the pendants in group 2, was stored with the quipu. If this was intended for group 2, the quipu would be 340 pendants separated into 16, 16, and 2 sets of 10 pendants each.
4. The 2 groups of 160 pendants have the same color pattern with 1 exception. The pattern is 10 pendants of each color in the following order: B, W, HB, B, YB:B, B, GØ, B, YB, B, W, CB, B, CB:B, GY:W, HB:CB. The exception is that in the first group, the 5th and 6th colors are interchanged.
5. The 2 groups of 160 pendants have many of the same values in corresponding positions. In each of them, the 10 values in each of the 2nd, 6th, and 16th sets are zero; the first 5 values in each of the 4th, 5th, 8th, 10th, 11th, and 12th sets are zero; and pendants P_{11} , P_{46} , P_{56} , P_{76} , P_{87} , P_{91} , P_{98} - $P_{9,10}$, $P_{10,6}$, $P_{10,8}$, $P_{10,10}$, $P_{13,1}$ - $P_{13,3}$, and $P_{13,7}$ - $P_{13,9}$ are all 0. The same non-zero values occur in both groups in the following positions: P_{12} - P_{16} , P_{31} , P_{34} , P_{71} , $P_{12,6}$, $P_{12,8}$, and $P_{14,2}$. Thus, 90 of 160 positions have the same pendant values.
6. The 2 groups of 160 pendants also have similarly placed subsidiaries. The first group has 10 subsidiaries and the second has 8. Seven of each are in corresponding positions in both groups and, with 1 exception, are the same color.
7. In both of the 160 pendant groups, the long knots on the first 10 pendant cords

are positioned differently than on the other cords in the group. The clusters are higher on the cords so that they are where the others would have single knot clusters. (Note from #5 above, that 6 of these 10 values are the same in both groups.)