

ANTHROPOLOGICAL RECORDS

7:1

**CULTURE ELEMENT DISTRIBUTIONS: XIX
CENTRAL CALIFORNIA COAST**

**BY
JOHN P. HARRINGTON**

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Map 1. Area "N" of the Element Survey, and local groups referred to.

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INTRODUCTION

BY A. L. KROEBER

In the spring of 1935, when Drs. Drucker and Driver took the field to collect culture-element data among the Indians of Southern California (area "O") and of the Southern Sierra Nevada region (area "M"), respectively, which were subsequently published as Culture Element Distributions: V and VI, Mr. J. P. Harrington, of the Bureau of American Ethnology, suggested that he could probably furnish more information from his notebooks than could still be secured from living natives of the southern coastal tracts of California.¹

Inasmuch as Mr. Harrington began collecting data from the few surviving descendants of the missionized Gabrielino, Chumash, and Salinans nearly thirty years before, had repeatedly interviewed probably every such informant, and as most of these old people had since died, I accepted the offer with gratitude. Mr. Harrington merely stipulated that in return we should not worry or upset the very few remaining aged survivors, among groups like the Kitanemuk and Chumash, with whom he enjoyed carefully cultivated relations. This we refrained from doing; and he, in turn, added list data on the Northern and Southern Costano.

The result is a mass of data almost certainly fuller and more authentic than Drs. Drucker and Driver could have secured so late as 1935 from the scattered and thoroughly Mexicanized Indians of the area between Los Angeles and San Francisco; the more so as they would have had first to find the "buried" informants and then to approach them as strangers.

The lists, as is always the case when notebooks instead of personal questioning are used, come out somewhat different. Negative answers especially are proportionally fewer. Nevertheless the returns are much the most valuable that could have been secured, and constitute an integral part of our Element Survey. The gaps and discrepancies in this lot of lists are due chiefly to time. The California missions were

secularized 101 years earlier; and some of them were founded more than a century and a half before 1935. No other investigator has collected one-tenth as much information on the ethnography of the area as has Mr. Harrington: the task is a difficult one and calls for incredible patience and pains.

His list is based mainly on Dr. Driver's, with some supplements from Dr. Drucker's; but in each case it is the prefield list, based partly on Gifford's and Klimek's Pomo list, which was available to him. Both investigators of course subsequently altered their lists in the field to accord with the data encountered; which Mr. Harrington did not feel free to do.

Our genuine thanks are due Mr. Harrington for his coöperation.

ETHNOGRAPHY

I have extracted from these lists a number of the more important or distinctive features whose distribution is reasonably certain and definite. These yield something of an outline picture of the culture of the area, especially in comparison with the remainder of California.

Features common to all groups in the area are: domed living house thatched, without earth covering; bedrock and portable mortars; slab mortar with basketry hopper asphalted on (!? for Salinan and Costano); paddle for stirring; skins dressed by men, with rib-scraper, on inclined post or pole, brains rubbed in, but no smoking; sinew-backed bow (Fernandeño, but not Gabrielino); slings for birds and small game, but not for war; no shields; no armor; headbands of yellowhammer; rabbit-fur blanket, with string weft; men and children naked; all habitually barefoot; hammock-like carrying net; twined tule mats; string of Apocynum and of Asclepias, rolled on thigh; whole Olivella and Olivella-disk beads as "money"; tobacco gathered wild for smoking, also eaten with lime; cocoon rattle (Costano not certain) and split-stick rattle; bull-roarer as toy; berdaches; chief's rank by inheritance, wealth only incidental (no Costano data); mother warmed or baked in pit after childbirth; weather-control shamans; grizzly-bear shamans, turn into bears, return to life.

¹Assistance in the preparation of these materials was furnished by the personnel of Work Projects Administration Official Project No. 66-1-08-62, Unit A15.

Common to all groups except the Costano: menstrual hut; grooved steatite arrow straightener; sewn as well as twined tule mats; hand-held feather ornaments for dancing; coiled basketry cap for carrying loads; net-sack carried in hand (Salinan not certain); boiling baskets coiled (Costano twined); mortar hopper coiled; Y-frame cradle (except Gabrielino U-ladder); *Urtica* (nettles) used for string; beads measured around hand.

Other southern traits, which however have failed to penetrate to the Salinan as well as Costano: sudatory built against a bank; curved, flat throwing-club for small game; palut type of feathered net skirt; seed beater with parallel warps; carrying basket flat-bottomed, coiled; deer-hoof rattle; mourning ceremony, with images burned (west only to Ventura Chumash); Wamkish cult.

Features limited to the two northern groups are few. Costano and Salinan: carrying basket conical and twined. Costano only: boiling baskets twined; women shamans prominent. Salinan only: tule mats as house cover, alternative with thatch (Yokuts import to missions?); musical rasp. This short list probably reflects meagerness of Costano-Salinan culture, largely. It may however be partly due to the list being constructed with reference to Yokuts-Chumash-Gabrielino and weighted for elements known to occur there, with nothing to compensate on behalf of the two northern groups.

Chumash specialties: earth-covered assembly house; with ladder; scaffold beds; bird-skin blanket; spear-thrower; tule-mat unroofed ceremonial enclosure.

Chumash and Kitanemuk only: daily sweating; erect headdress of roadrunner tail-feathers; trees or seed-tracts owned by households; also eagle nests; extended burial; grave planks, and grave masts; shell cylinders as treasure (perhaps Salinan also).

Chumash and Gabrielino only: plank boat; double-ended paddle; yellowhammer bands untrimmed (viz. feathers rather than quills); hung on pole as banner (Fernandeño).

Gabrielino, or Gabrielino-Fernandeño, specialties are fewer than Chumash or Chumash-Kitanemuk: U-ladder cradle frame; bull-roarer in initiation ritual; Chungichnich, and Raven his messenger; tobacco not used as offering.

Some limited or irregular distributions: communal dwellings, multiple household, but without separate doors or fires: Salinan, Chumash, Kitanemuk.

Name of dead taboo until regiven to a child: Costano, Chumash, Kitanemuk; taboo indefinitely or permanently: Salinan, Gabrielino (Chumash and Kitanemuk also specified--presumably in case the name was not rebestowed).

When these specific major or diagnostic features are added up, their ethnic frequency is as follows:

Found among:		Traits
C	S Ch K G	40
	S Ch K G	11
	Ch K G	9
C	2
	S	2
C	S	1
	Ch	6
	Ch K	8
	Ch G	4
	G	5
43	54 78 68 69 (totals)	

It appears that Chumash culture is the richest; Gabrielino-Fernandeño and Kitanemuk next; Salinan definitely more meager; Costano meagerest of all.

INTERTRIBAL STATISTICAL CORRELATIONS

Mr. Harrington's data, being taken from notebooks, contain a smaller percentage of negatives or absences than the answers to list questions put in the field. This has been our universal experience. At that, many of his negatives are universals. That is, they relate to features which do not occur at all in his area and whose significance lies in comparison with other areas.

There are however 115 traits on which his list contains both positive and negative answers: that is, in which there are intertribal differences within the area. The number of unqualified positive or negative answers to these 115 elements is 585, or about five for each element. In this count the several informants from one locality have been treated as a unit: B1 and B2 have been lumped as Ba or Chumash of Santa Barbara. This makes eleven "tribal" groups out of eighteen informants, as follows:

Group	Abbrev.	+	-
Costano, Northern	Cn	20	3
Costano, Southern	Cs	35	15
Salinan, Antoniano	An	24	29
Salinan, Migueleño	Mi	17	30
Chumash, Inezeño	In	18	43
Chumash, Barbareño	Ba	19	42
Chumash, Ventureño	Ve	32	54
Chumash, Emigdiano	Em	12	20
Shoshonean, Serrano speech group, Kitanemuk	Ki	25	59
Shoshonean, Gabrielino speech group, Fernandeño	Fe	10	19
Shoshonean, Gabrielino speech group, Gabrielino	Ga	21	38

Within the framework of these 115 varying elements, all the groups show an excess of negative entries, as is usual, except the two Costano divisions. The reason for this exception is not clear. The list furnished Mr. Harrington though originally developed among the Pomo, was subsequently given more southerly orientation by Drucker and Driver; so that negatives rather than positives might have been expected to be particularly numerous among the Costano, who lived farthest north. Possibly the cause is greater paucity of surviving information among the Costano, which made Mr. Harrington cautious about entering any but clearly remembered facts, and these would tend to be positive.

The following are the a, b, c, d intertribal values:

Cn-Cs	20	0	0	3
-An	5	5	1	0
-Mi	6	5	1	0
-In	3	14	1	0
-Ba	2	11	1	0
-Ve	4	15	2	0
-Em	1	6	1	0
-Ki	2	17	1	0
-Fe	1	8	1	0
-Ga	1	14	3	0

Cs-An	9	9	5	2
-Mi	8	10	4	0
-In	6	20	4	1
-Ba	4	19	4	0
-Ve	6	27	11	0
-Em	2	9	1	0
-Ki	3	24	9	0
-Fe	1	12	1	0
-Ga	2	21	9	0

An-Mi	25	1	1	32
-In	13	13	8	19
-Ba	10	6	12	18
-Ve	12	19	13	19
-Em	4	5	7	13
-Ki	8	23	12	16
-Fe	2	7	7	6
-Ga	4	23	7	21

Mi-In	14	8	7	21
-Ba	10	7	7	21
-Ve	14	11	11	22
-Em	4	3	7	15
-Ki	9	16	10	18
-Fe	2	5	7	8
-Ga	4	17	20	9

In-Ba	21	1	0	38
-Ve	22	3	0	41
-Em	10	1	1	19
-Ki	15	12	4	36
-Fe	7	4	2	15
-Ga	12	12	13	25

Ba-Ve	21	0	0	40
-Em	10	0	1	20
-Ki	14	6	4	35
-Fe	7	3	2	16
-Ga	12	10	13	25

Ve-Em	11	0	1	20
-Ki	18	9	4	44
-Fe	9	3	1	16
-Ga	17	12	17	27
Em-Ki	9	1	2	18
-Fe	6	2	1	13
-Ga	7	5	6	13
Ki-Fe	8	2	1	16
-Ga	14	5	21	33
Fe-Ga	9	1	1	18

While the absolute values are small--the lowest totals only 8 items--they seem sufficient to operate with. However, of the 55 sets of values, 22 contain a 0: 16 for "d" in Costano-non-Costano comparisons, and 6 for "b" or "c" in intra-Costano and intra-Chumash comparisons. These invalidate the use of the Yule Q_d formula. I have therefore had r_{hk} and Z computed (see tables 1 and 2, p. 4). The r_{hk} values convert into the diagram of figure 1.

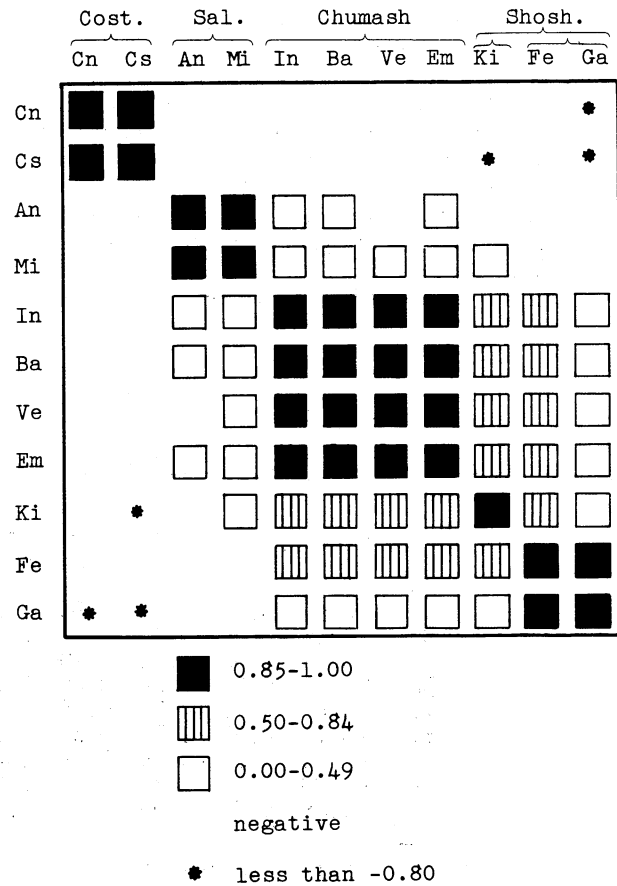


Fig. 1. Graphic presentation of r_{hk} coefficients.

ANTHROPOLOGICAL RECORDS

TABLE 1

Intertribal Coefficients by Formula r_{hk}^*

	Cn	Cs	An	Mi	In	Ba	Ve	Em	Ki	Fe	Ga
Cn		1.00	-0.29	-0.26	-0.47	-0.55	-0.52	-0.67	-0.55	-0.67	-0.84
Cs	1.00		-0.19	-0.44	-0.45	-0.64	-0.73	-0.53	-0.82	-0.71	-0.87
An	-0.29	-0.19		0.93	0.24	0.21	-0.02	0.09	-0.21	-0.32	-0.13
Mi	-0.26	-0.44	0.93		0.39	0.34	0.23	0.22	0.00	-0.17	-0.49
In	-0.47	-0.45	0.24	0.39		0.97	0.91	0.86	0.50	0.55	0.16
Ba	-0.55	-0.64	0.21	0.34	0.97		1.00	0.94	0.62	0.61	0.20
Ve	-0.52	-0.73	-0.02	0.23	0.91	1.00		0.94	0.62	0.72	0.20
Em	-0.67	-0.53	0.09	0.22	0.86	0.94	0.94		0.78	0.70	0.27
Ki	-0.55	-0.82	-0.21	0.00	0.50	0.62	0.62	0.78		0.76	0.31
Fe	-0.67	-0.71	-0.32	-0.17	0.55	0.61	0.72	0.70	0.76		0.85
Ga	-0.84	-0.87	-0.13	-0.49	0.16	0.20	0.20	0.27	0.31	0.85	

$$*r_{hk} = (ad-bc) / \sqrt{[(a+c)(b+d)(a+b)(c+d)]}.$$

The following inferences can be drawn from these tabulations.

1. The intergroup relations are regular, and linear according to geography, in order from northwest to southeast.

2. All high coefficients are internal to linguistic groups. For instance, all four Chumash groups are more similar to one another than to any non-Chumash group; this in spite of the fact that the Emigdiano were neighbors of the Kitanemuk, and the Ventureño of the Gabrielino, but that both were some distance east of the Inezeño Chumash. In short, ethnic relationship as evidenced by speech made for closer cultural similarity than did geographical proximity, in this area.

3. With second-rank coefficients also con-

sidered, a block consisting of Chumash, Kitanemuk, and Fernandeno is evident. That the Gabrielino do not adhere to this block is surprising, because of the similarity of their speech to that of the Fernandeno. Evidently their outlook and relations were southward.

4. With medium coefficients included, the Gabrielino as well as the Fernandeno are seen to belong with the Chumash and Kitanemuk; and the Salinan go with the Chumash, but only with them.

5. The Costano have only negative coefficients, except as between their two divisions, and possess much the most divergent culture in the area.

The values for Z come out very close to those for r_{hk} . In fact all the significant rank orders and groupings are the same.

TABLE 2

Intertribal Coefficients by Formula Z^*

	Cn	Cs	An	Mi	In	Ba	Ve	Em	Ki	Fe	Ga
Cn		1.00	-0.09	0.00	-0.67	-0.71	-0.62	-0.75	-0.80	-0.80	-0.89
Cs	1.00		-0.12	-0.27	-0.55	-0.70	-0.73	-0.67	-0.83	-0.86	-0.88
An	-0.09	-0.12		0.93	0.21	0.22	-0.02	0.17	-0.19	-0.27	-0.09
Mi	0.00	-0.27	0.93		0.40	0.38	0.24	0.31	0.02	-0.09	-0.48
In	-0.67	-0.55	0.21	0.40		0.97	0.91	0.87	0.52	0.57	0.19
Ba	-0.71	-0.70	0.22	0.38	0.97		1.00	0.94	0.66	0.64	0.23
Ve	-0.62	-0.73	-0.02	0.24	0.91	1.00		0.94	0.65	0.73	0.21
Em	-0.75	-0.67	0.17	0.31	0.87	0.94	0.94		0.80	0.73	0.29
Ki	-0.80	-0.83	-0.19	0.02	0.52	0.66	0.65	0.80		0.78	0.29
Fe	-0.80	-0.86	-0.27	-0.09	0.57	0.64	0.73	0.73	0.78		0.86
Ga	-0.89	-0.88	-0.09	-0.48	0.19	0.23	0.21	0.29	0.29	0.86	

$$*Z = (a+d-b-c) / (a+d+b+c).$$

INFORMANTS AND ABBREVIATIONS

INFORMANTS

Costanoan, Northern.--Information from San José Mission and vicinity.

Costanoan, Southern.--Information from San Juan Bautista, Carmel, and Soledad missions.

Antoniano Salinan.--Antonio Gomez. Of Antoniano descent.

Miguelero Salinan.--Pacífico Gallego. Of Miguelero descent.

Inezeño Chumash.--Maria Solares. Partly of Tulareño (Yokuts) descent. However, her information was checked, and it is pure Inezeño.

Barbareño Chumash.--(B1) Luisa Ignacio. Of Barbareño and Spanish descent. (B2) Juan de Jesus Justo. Of Barbareño descent. Little information from B2.

Ventureño Chumash.--(V1) Fernando Librado. Partly of Island Indian descent, but Ventureño information. (V2) Simplicio Pico. Mother Ventureño, father Spanish. (V3) Candelaria Valenzuela. Partly of Fernandero descent, and had visited among Kitanemuk. (V4) José Peregrino Romero. Pure Ventureño descent. Nearly all information from V1 and V3.

Emigdiano Chumash.--Juan Valdez. Of mixed Chumash and Kern Lake Yokuts descent.

Kitanemuk Serrano.--(K1) Eugenia. Of mixed Kitanemuk and Kawaiisu descent. (K2) José Juan Fustero. Of mixed Kitanemuk and Alliklik descent. Nearly all information from K1.

Fernandero.--Sétimo Lopez. Of Fernandero descent.

Gabrielino.--(G1) José Maria Zaldidea. Of mixed Gabrielino and Shoshonean Island descent. (G2) José de los Santos Juncos. Of Juaneño (Ajachme) descent, but reared at San Gabriel. (G3) Felicitas Montaña. Of mixed Gabrielino and Shoshonean Island descent. Information mostly from G3.

TRIBAL ABBREVIATIONS IN THE ELEMENT LIST

Cn	Costanoan, Northern
Cs	Costanoan, Southern
An	Antoniano Salinan
Mi	Miguelero Salinan
In	Inezeño Chumash
B1, B2	Barbareño Chumash
V1, V2, V3, V4	Ventureño Chumash
Em	Emigdiano Chumash
K1, K2	Kitanemuk Serrano
Fe	Fernandero
G1, G2, G3	Gabrielino

CULTURE ELEMENT DISTRIBUTIONS LIST

SYMBOLS USED IN THE ELEMENT LIST

- | | | | |
|---------|---|---|--|
| + | Present | R | Recent |
| - | Absent | * | Asterisk indicates that there is a note |
| (+) (-) | Probably present, or absent, or said to be; doubt on part of ethnographer | | to the element under "Ethnographic Notes on the Element List." |
| . | Inquired into but uncertain | | |

ELEMENTS	OCCURENCE																	
	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
HUNTING																		
1. Communal drive: with fire				-				-							-			
2. Over cliff, occasionally, by chance															+			
3. Antelopes into enclosure														+	+			
4. Rabbits		+																
5. Rabbits into net					-	-								+		+		+
6. Running down deer			+	+	+	+		+					+	+	+			+
7. Individually			+	+	+	+		+					+	+	+			
8. In relays, or back and forth			-	-	-	-		-					-	-	-			
9. Spring-pole snare: for deer																		
10. For small birds				+	+	+								+				
11. For ducks, trigger under water			-	-	-			-										
12. Running noose for deer														-				
13. Fences with nooses in gaps for deer, rabbit, quail														-				
14. Long nets for: deer														-				
15. Rabbits														+		+		
16. Quail														-				
17. Ducks or geese														-				
18. Pocket nets for small game														-				
19. Woodpecker net trap														-				
20. Basketry trap for quail, long														-				
21. Deadfalls: for large game														-				
22. For small game		*	*											-				
23. With acorn "trigger"					+									+				+
24. Pitfalls for large game														-				
25. Booths and blinds*			+	+	+	+		+						+				
26. Live-bird decoys*					-	-		-						-				-
27. Stuffed bird skins*					-			-						-				-
28. Deer- (antelope-) head disguise			+	+	+	+		+		+	+	+	+	+				(+)
29. Grass or brush deer-disguise worn				+														
30. Bolas, 2 bones on string, for birds			+															
31. Flares for flying geese, etc.																		
32. Dogs for hunting				+														
33. Rat nests burned		+	+	+	+	+	+						+	+				+
34. Fan for blowing smoke into ground-squirrel holes		+	+		+	+								+				
35. Feather fan, brush on occasion		+	+			+												
FISHING																		
36. Seine net, dragged or circled																		(+)
37. Gill net, set																		-
38. Dip net*																		+

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
39. Casting net							-	-										
40. Stone sinker: transverse groove							(+)	(+)										
41. Longitudinal groove							(-)	(-)										
42. Holed sinker							(-)	(-)										
43. Net floats							(-)	(-)										
44. Long fishtrap twined of slender sticks						+												
45. Fishing scaffold									-									
46. Harpoon with foreshaft*							+		+									
47. Inserted							+											
48. Single toggle							+											
49. Of bone, pitch, and cord							+		+									
50. Quills used in toggle							-		-									
51. Toggle barbed							+											
52. Fish "spear" with one point			+															
53. Bone point, one barb			+															
54. Fish "spear" with 2 points, 1 barb each			+				-		-									
55. Several prongs spread by ring							-		-									
56. Gaff for raking fish																		
57. Double-pointed "hook" (gorget).							-		-									
58. Sharp-angled hook of cactus spine							-		-									
59. Of bone, 2 points							+		+									
60. Circular hook							+	+	+						+			(+)
61. Of haliotis							+	+	+						+			
62. Of mussel shell							+		+									
63. Artificial fly of hair, feathers, etc.																		
64. Large fish scoop of sticks																		
65. Catching crawfish with hands																		
66. Fish club																		
67. Neck of fish broken																		
68. Bonfire for night fishing			+															
69. Fish poisoning	+	+			+	+	+	+	+				+					
ANIMALS EATEN																		
70. Dog	+	+				+			+				+					(+)
71. Wolf													+					
72. Coyote				+									+					
73. Fox													+					
74. Bear	+	+	+			+							+					+
75. Puma	+	+	+			+							+					
76. Wildcat	+	+	+			+							+					
77. Skunk	+	+	-	+		(+)							+					
78. Raccoon			+										+					
79. Tree squirrel	+	+	+			+							+					
80. Mole			+			+							+					
81. Eagle			-										+					
82. Buzzard			(-)	(-)									(-)					
83. Raven			-										(-)					
84. Hawk	+	+	+										+					
85. Owl			-	(-)									(-)					
86. Dove	+	+				+	+						+					+
87. Mud hen	+	+	+	+		+	+						+					+
88. Snake	+	+	+	+		+	+						(+)					
89. Lizard (guicos)	(+)	+				(+)							+					
90. Tortoise	+	+				+	+						+					
91. Frog			(-)			(-)							(-)					

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
189. Door on level of ground, facing water																		
190. No smoke hole																		
191. Entrance rectangular																		
192. Door of weeds																		
193. Stone platform outside door																		
194. Fireplace near center																		
195. On surface of ground, no pit																		
196. Large sweat house earth-covered all over																		
197. Fireplace in center, or nearly																		
198. Posts of different heights set contiguous																		
199. Dwelling domed (See 204 f.)	+	+	+	+	+	+		+					+	+		+	+	+
200. Dwelling conical	+	+																
201. Dwelling gabled, only from mission times			R	R		R												R
202. 2-pitch roof			R	R		R												R
203. Nearly flat roof			R	R		R												R
204. Domed dwelling circular	+	+	+	+	+	+		+					+					+
205. Peripheral posts a step apart, no. varying, no central posts			+	+	+	+		+					+					+
206. Thatch of tule, wild alfalfa, fern, carrizo			+	+	+	+		+		+			+					+
207. Pole binders for thatch			+	-	-	-		-		-			-					-
208. Mats as covering			+	-	-	-		-		-			-					-
209. Of tule			+	-	-	-		-		-			-					-
210. Earth cover all over			-	-	-	-		-		-			-					-
211. Skins for cover			-	-	-	-		-		-			-					-
212. Entrance faces "street" or beach, so would not face N wind					+	+		+					+					+
213. Smoke hole the main entrance			-	-	-	-		-		-			-					-
214. Second side or back entrance			-	-	-	-		-		-			-					-
215. Entrance rectangular or nearly so			+	+	+	+		+					+					+
216. Entrance covered with mat of tule			*		+	+		+					+					+
217. Entrance flush with wall, no tunnel			+															+
218. Stone platform outside door			-	-	-	-		-		-			-					-
219. Fireplace in center, or nearly so			+	+	+	+		+					+					+
220. Fireplace on surface or slight hollow from throwing out ashes					+	+		+					+					+
221. Communal house *			+	+	+	+		+					+					+
222. Separate entrances					-	-		-					-					-
223. Separate fires					-	-		-					-					-
224. Separate allotments of space						+		+					+					+
225. Partitions mere tule mats						+		+										+
226. Families related						+		+										+
227. Beds on raised scaffold *						+		+		+								+
228. Mats for bedding *			+	+	+	+		+		+			+					+
229. Skins for bedding, esp. bearskins			+		+	+		+		+			+					+
230. Whale-vertebra stool					+	+		+		+								+
231. Ladder (only in large sweat house)						+												+
232. Earth oven inside house, separate from fire			*			-		-					-					-
233. Houses in single or double row *					+			+					+					+
234. Brush-fence ceremonial structure			+		+	+		+		+			+		+			+
235. Of tule mats					+	+		+		+								+
236. Only in summer								-					-					-
237. Primarily for mourning ceremony								-					-					-
238. Circular			*		+	+		+					-					-
239. Center post					-	-		-					-					-
240. Direction of entrance fixed *

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
287. Sunk in ground		*	(+)															
288. Pounding slab		+	+	+														
289. Hopper basket: set on			(-)	(-)														
290. Asphalted on		+	+	+														
291. Pestles of wood		(+)	(+)	(+)														
292. Pestles of stone	+	+	+	+														
293. Natural		+	+	+														
294. Shaped		+	+	+														
295. Ring near top (?)		+	+	+														
296. Ring near bottom											+							
297. With bulb end											(-)							
298. Long, slender (ca. 2 ft.), for deep stone mortar.		+			+	+					+							+
299. Metates or grinding slab, more or less oval (?)		(+)	(+)	(+)	+	+					+		(+)					+
300. Used on one side					+	+					+							
301. Used on both sides						+												+
302. Sunk in ground					+	+					+							+
303. Mullers: oval			(+)	(+)	+	+	+	+	+	+	+	+	(+)	+	+	+	+	+
304. Squared, Mexican style	+	+	(-)	(-)	-	-	-	-	-	-	-	-	(-)	-	-	-	-	-
305. Looped			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
306. 2-horned										(-)								
307. Back and forth motion, Mexican style	+	+																
308. Round or elliptical motion			(+)	(+)	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HOUSEHOLD IMPLEMENTS																		
309. Brushes: soaproot	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
310. Hair	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
311. Mealing	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
312. Agave fiber			(-)	(-)						(-)			(-)					(-)
313. Other fiber			(-)	(-)						(-)			(-)					(-)
314. Roots for hair			(-)	(-)						(-)			(-)					(-)
315. Pine burr for hair			(-)	(-)						(-)			(-)					(-)
316. Porcupine tail for hair	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
317. Swab for sipping		-	(-)	(-)						(-)			(-)					(-)
318. Food stirrer: 1-stick			(-)	(-)	(-)					(-)			(-)					(-)
319. 3-stick			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320. Paddle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
321. Looped stick			(-)	(-)	(-)	-				(-)			(-)					(-)
322. Stone lifter: looped stick			(-)	(-)	(-)	(-)				(-)			(-)					(-)
323. 2-sticks			(-)	(-)	(-)	(+)				(+)			(+)					(+)
324. Split stick			(-)	(-)	(-)	(-)				(-)			(-)					(-)
325. Spoons: horn			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
326. Shell, natural	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
327. Wood			(-)	(-)	(-)	(-)				(-)			(-)					(-)
328. Pottery			-	-	-	-				-			-					(-)
329. Gourd (dipper)*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
330. Bark platter for meat			(+)	(+)	(-)	(-)				(-)			(+)					(-)
331. Wood platter for meat			(-)	(-)	(-)	(-)				(-)			(-)					(-)
332. Wood bowls			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
333. Cylindrical box with lid			(-)	(-)	(-)	(-)				(-)			(-)					(-)
334. Steatite fry-pan			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
335. Trapezoidal, holed			(+)	(+)	+	+	+	+		+	+	(+)	(+)	+	+	+	+	+
336. Small-mouthed vessels, spheroid (olla)			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
337. Open cooking vessel, directly over fire.			(+)	(+)	+	+	+	+	+	+	+	+	+	+	+	+	+	+
338. Flat bottom			(-)	(-)	-	-				-			(-)					(-)
339. Rounded bottom			(+)	(+)	+	+	+	+	+	+	+	+	(+)	(+)	+	+	+	+

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
388. "Hook"						(+)		(+)										
389. Cetacean						(+)		(+)		(+)								
390. Quadrupe						(+)		(+)										
391. Cog-wheel stones						(+)		(+)										
392. Cylindrical vase (steatite)						(-)		(-)										
393. Wands with perforated stones and feathers						(+)		(+)		(+)			(+)					
394. Charmstones plummet shaped								+		+			+					
395. Charmstones spindle shaped (Yokuts type)								(+)		(+)			+					
396. Bear-paw stones						(-)		(-)		(-)								
397. Pictographs	+	+	+	+	+	+		+		+		+	+		+	+		+
398. Petroglyphs			+	+	+	+		+		+		+	+					+
WEAPONS																		
399. Self bow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
400. Length 3 1/2 feet, or less	+	+	+	+			+											+
400a. Length 3 1/2 - 4 1/2 (5) feet					+	+		+		+			+	+				
401. Tips, or whole, sinew wrapped		+	+										+					
402. Ends recurved	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
403. Sinew-backed bow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	(-)	(-)	(-)
404. Length 3 feet			+		+	+	+			+	+	+	+	+	+			
405. Length 3-3 1/2 (4) feet	+	+	+					+										
406. Width 1 1/2 inches	+	+	+	+	+	+	+	+		+	+	+	+	+	+			
407. Imported			-	-	-	-	-	-	-	-	-	-	-	-	-			
408. Made locally	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
409. Ends recurved (sometimes)			+					+		+			+					
410. Bowstring, sinew	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
411. Vegetable fiber	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
412. Two or three-ply (pre-Caucasian)								+	+	+		+	+					+
414. Two-ply	+	+	+	+	+					+			+	+				
415. Position when shooting: horizontal (or nearly)		+																
416. Slanting	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
417. Bow kept strung	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
418. Wood from one side of tree (N,E,S,W)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
419. Wristguard					+			+		+			+				+	+
420. Arrows single shaft, no head								+		+								
421. For birds, sharp								+		+								
422. For war								-		-								
423. Ring-pointed for water skipping			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
424. Bird arrow with cross sticks		+	+	+	+	+	+	+	+	+	+	+	+	+	+			(+)
425. Foreshafted, no other head	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
426. Foreshafted, stone or bone head	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
427. No shaft, but head								+		+								
428. Of cane, hardwood foreshaft	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
429. Pyrographic ornament		+														+	+	+
430. 2 wooden points, featherless for fish*			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
431. Arrowheads of stone*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
432. Tanged										(+)				(+)				
433. Not tanged						+		+										
434. Single base notch		+				+		+										
435. Triangular		+				+		+										
436. Laurel leaf						+		+										
437. Arrowheads of bone								-					-					
438. Feathering: radial, 3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
439. 4			-	-	-	-		-		-			-					-
440. Spiral								+					+					
441. Tangential, double			-	-	-	-		-		-			-					-

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
668. For coolness			-					+										
669. Buckskin bandolier across shoulders . .					-	-		-										
670. Bandolier as regalia								(+)										
POSTURES																		
671. Sitting: crosslegged (Turkish)	+	+	+	+	+	+		+	+				+					+
672. On knees and toes, buttocks on heels, feet crossed*	+	+	+	+	+	+		+	+				+					+
673. Feet drawn back, both same side	+	+	+	+	+	+		+	+				+					+
674. One leg drawn back, as above, other stretched out	+	+	+	+	+	+		+	+				+					+
675. One leg drawn back, as above, other knee up	+	+	+	+	+	+		+	+				+					+
676. Knees drawn up, clasped	+	+	+	+	+	+		+	+				+					+
677. Both legs stretched out in front.	+	+	+	+	+	+		+	+				+					+
678. Feet crossed (occasionally)	+	+	+	+	+	+		+	+				+					+
679. Squatting more frequent than sitting	+	+	+	+	+	+		+	+				+					+
683. Sexual: girl scratches at first intercourse			+	+														
684. Hymen, no word obtainable*			-	+	+		+	+					+					+
685. Foreskin habitually retractive, probably in certain individuals									+									
686. Foreskin habitually covering glans			+					+										
BURDENS																		
(Carrying Baskets under Basketry)																		
688. Pack strap: skin	+	+	+	+	+	+		+	+				+					(+)
689. Woven			(+)	+	+			(+)										
690. Spreading			(-)	(-)	-													
691. Across head	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
692. Across shoulder-chest	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
693. Pack string for bringing home wood							+	+					+					
694. Small net sack, often in hand			(+)	(+)	+	+		+	+				+		+			+
695. Trapezoidal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
696. Large back net ("hammock")	+	+	+	+	+	+		+	+				+			+	+	+
697. Adjustable loop								+	+				+					
698. Large back net sack					+	(+)		(+)	(+)									
699. Frames on back			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
700. "Coolie yoke"								+	+									
701. For hoops of fish								-	-									
702. Rolled case of twined stems*					+	+		+	+				+		+	+	+	+
703. Folded case of skin			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
704. Whole cased skin "bag," deer					-	-		-	-				-					-
705. Loads on head, willowbark or rag rings*	+	+						+	+									+
706. Litter, for sick								(+)	(+)				(+)					
707. For dead	+	+						+	+			+	+					+
BASKETRY																		
708. Coiling: clockwise (when looking into basket)	+	+	+	+	+	+		+	+				+					+
709. Counterclockwise			-	-	-	-		-	-				-					-

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
710. To left of worker			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
711. To right of worker			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
712. Awl enters inside of basket . . .			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
713. Awl enters outside of basket . . .			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
714. Foundation: bundle			+	+				(+)	+				+				+	+
715. Single-rod			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
716. Multiple-rod					+	+	+	+	+				(-)				(+)	(+)
717. Bottom: coiled			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
718. Checker			(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
719. Solid piece of wood			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
720. Twining: clockwise (when looking into basket)	+	+			+			+		+								
721. Counterclockwise								-		-								
722. To left of worker								-		-								
723. To right of worker					+			+		+								
724. Downward lean (\) of outer weft, basket upright					(+)					(+)								
725. Upward lean (/) of same					(-)					(-)								
726. Weft: plain 2-strand	+	+			+					+								
727. Wrapped (1-weft around slat).					-					-								
728. Lattice (2-wefts and slat)					-					-								
729. Diagonal					-					-								
730. 3-strand in courses only . . .					+					+								
731. Overlay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
732. Closework	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
733. Openwork	+	+																
734. Cross warp					-	-		-		-								
735. Bottom (starting knot) 4 warps (2 pairs)*	+	+	(+)	(+)	+	+		+		+			+					+
736. Checker or wicker			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
737. Cap: round top*			(+)	(+)	(+)	(+)		+		+			+					(+)
738. Flat top			(+)	+	+	+		+		+			+					+
739. Twine, plain or diagonal					-	-		-		-			-					-
740. Coiled			+	+	+	+		+		+			+		+			+
741. Decorated			(+)	(+)	+			+		+			+					(+)
742. Woven on								+					+					
743. Painted on								-					-					
744. Seed beater: oval with handle, simple twined	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
745. Circular			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
746. Twined: "parallel" warp with hoop and handle					+	+		+		+			+					+
747. Spoke warp*			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
748. Wicker			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
749. Stick with loop			+															
750. Winnowing and sifting basket: triangular* .	+	+	(+)	(+)	-	-		-		-			-					-
751. Diagonally twined			(+)	(+)	-	-		-		-			-					-
752. Circular (coiled)			(+)	(+)	+	+		+		+			+		+		+	+
753. Oval					-	-		-		-			-		-		-	-
754. Plain twining	+	+			-	-		-		-			-		-		-	-
755. "Parallel" warp*	+	+			-	-		-		-			-		-		-	-
756. Close	+	+			-	-		-		-			-		-		-	-
757. Coiled (circular)			(+)	(+)	+	+		+		+			+		+		+	+
758. Decorated	+	+	(+)	(+)	+	+		+		+			+		+		+	+
759. Bone tapper when sifting			-	-	-	-		-		-			-		-		-	-
760. Leaching basket (if distinct): twined openwork	+	+																
761. Gambling tray			(+)	+	+	+		+		+			-					-
762. Coiled			(+)	+	+	+		+		+			-					-

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
763. Decorated			(+)	+	+	+		+		+			-					-
764. Boiling basket: coiled			+	+	+	+		+		+							+	+
765. Twined	+	+																
766. Decorated											+							
767. Water bottle (definitely necked): pitched													+					
768. Asphalted			(+)	(+)	+	+		+		+		+						
769. Flat bottom			(+)	(+)	+	+		+		+		+						
770. Pointed bottom			-	-	-	-		-		-		-			+			
771. Rounded bottom*			-	-	-	-		-		-		-			+			+
772. Twined			+	(+)	(+)	+	+	+		+								
773. Diagonal													+					
774. 3-strand in courses only						+	+	+		+								
775. Coiled			-	-	-	-		-		-		-			-	-	-	-
776. Decorated																		
777. Basket hopper, twined*			+	-	-	-		-		-		-			-	-	-	-
778. Coiled			+	+	+	+		+		+		+	+		+		+	+
779. Decorated			(+)	(+)	+	+		+		+		+	+		+		+	+
780. Nonutilitarian or fancy basket for dancing: bottleneck (2- or 3-course neck or no neck)						+	+	+		+		+	+		+			+
781. Rounded shoulder	+	+				+	+	+		+		+	+		+			+
782. Sharp shoulder						-	-			-								-
783. Feathers at shoulder								(+)		(+)								
784. With considerable neck			+	+														
785. Twined	+	+	-	-	-	-		-		-		-			-	-	-	-
786. Coiled			+	+	+	+		+		+		+	+				+	+
787. Woven decoration	+	+	+	+	+	+		+		+		+	+				+	+
788. Attached decoration			+	+				+		+			(+)					
789. Quail plumes			+	+				+		+								
790. Patterns in feathers (2 colors of feathers)			-	-				-		-								
791. Shell beads			+	+				+		+								
792. Haliotis pendants								(+)		(+)								
793. Carrying basket: true conical, pointed bottom			+	+	+	-	-	-		-								-
794. Curved conical, rounded bottom						+	+	+		+			+					
795. Truncated cone, flat bottom						+	+	+		+			+					+
796. Bell-shaped (Pomo)			-	-	-	-		-		-		-			-	-	-	-
797. Twined	+	+	+	+	+	-	-	-		-		-			-	-	-	-
798. Plain			+	+	+													
799. Open			+	+														
800. Made by women			(+)	(+)														
801. Close			+	-	-													
802. Made by women			+															
803. Coiled			-			+	+	+		+			+					+
804. Decorated			-			+	+	+		+			+					+
805. Bottom reinforced or coated						-	-	-		-			-					
806. Fishing basket			-	-	-	-		-		-		-			-	-	-	-
807. Tule basketry and bags: twined baskets			+	(+)	-	-		-		-		-			-	-	-	-
808. Warp and weft 2-ply			+	(+)	-	-		-		-		-			-	-	-	-
809. Quill overlay			-	-	-	-		-		-		-			-	-	-	-
810. Feather insertions			-	-	-	-		-		-		-			-	-	-	-
811. Tule coiling			(-)	(-)	-	-		-		-		-			-	-	-	-
812. Sacks			(-)	(-)	-	-		-		-		-			-	-	-	-
813. Southern complex: coarse coiling (4-6 per inch) on Epicampes			+	+	+	+		+		+		+	+		+	+	+	+
814. Mortar hopper			+	+	+	+		+		+		+	+		+	+	+	+
815. Flat basket (plate, tray, winnow)			(+)	(+)	+	+		+		+		+	+		+	+	+	+
816. Shallow basket			+	+	+	+		+		+		+	+		+	+	+	+

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
817. Large deep basket (storage, carrying) . . .					+	+		+		+			+					+
818. Small globular basket (trinkets)			+	+	+	+		+		+		+	+		+			+
819. Geometric designs			+	+	+	+		+		+		+	+		+			+
820. Realistic designs (pre-Caucasian)			+	+	+	+		+		+		+	+		+			+
821. Twined in Juncus, etc.: rough openwork			+	+	+	+		+		+			+		+			+
822. Deep or globular shape								+										+
823. Wash-basin shape			+	+				+										+
824. For straining			+	+				+										+
825. For sifting			-	-				(-)										(-)
826. For leaching			-	-				(-)										(+)
827. For gathering			-	-				(+)										(+)
828. Made by women			(+)	(+)				(+)										(+)
829. Xerophyllum complex			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
830. Twined rackets for ball game			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
831. Basketry lids or handles (modern?)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
832. Large baskets used for ferrying			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
833. Rectangular (box) shapes			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
834. Banded woven ornament			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
835. 3-color patterns (red and green of Juncus, black of dyed Juncus)					+	+		+		+								+
836. Patterns painted on					-	-		-		-			-		-			-
837. Ownership marks					-	-		-		-			-		-			-
838. Plants used: tule			+	(+)	-	-		-		-			-		-			-
839. Leaf			+	(+)														
840. Root			-	(-)														
841. Rush (Juncus sp.)	+		(+)	+	-	-		-		-			-		-			-
842. Leaf			(+)	+	-	-		-		-			-		-			-
843. Stem			(+)	+	+	+		+		+			+		+			+
844. Grass (Epicampes rigens), stalk			(-)	(-)	(+)	(+)		+		+			+		+			+
845. Squaw grass (Xerophyllum tenax), leaf			-	-	-	-		-		-			-		-			-
846. Slough grass (Carex barbarae)			-	-	-	-		-		-			-		-			-
847. Redbud (Cercis occidentalis)			-	-	-	-		-		-			-		-			-
849. Squawbush (Rhus trilobata), stem			-	-	+	+		+		+			+		+			+
850. Willow (Salix sp.), stem	+	+	+	+	+	+		+		+			-		-			-
851. Root			-	-	-	-		-		-			-		-			-
852. Sapwood			-	-	-	-		-		-			-		-			-
853. Bark for basketry			-	-	-	-		-		-			-		-			-
854. Hazel (Corylus rostrata)			-	-	-	-		-		-			-		-			-
855. Pine (Pinus sp.)			-	-	-	-		-		-			-		-			-
856. Pitch for waterproofing			-	-	-	-		-		-			+		-			-
857. Other conifers			-	-	-	-		-		-			-		-			-
WEAVING AND NETTING																		
858. Rabbitskin blankets: coiled without foundation			-	-	-	-		-		-			-		-			-
859. Checker			-	-	-	-		-		-			-		-			-
860. Twined	+	+																
861. Warp twisted with string			+	+	+	+		+		+		+	+		+			+
862. Wefts of string	+	+	+	+	+	+		+		+		+	+		+			+
863. Wefts of fur			-	-	-	-		-		-			-		-			-
864. Frame horizontal								+					+					
865. Frame vertical								-					-					
866. Perforated stick to twist skin								-					-					
867. Made by women								+					+					

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
1090. Private by shaman								-	-									
1091. Produces wind, rain, health, etc.								-	-									
1092. Musical bow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1093. With finger	+	+	+	+	+	+	+	+					+					+
1094. With stick	-	-	-	-	-	-	-	-					-					-
1095. With arrow			-	-	-	-	-	-					-					-
1096. Modern, with peg	+	+	*	+				*	+									
1097. Also without peg	+	+																
1098. Hunting bow					+								+					
1099. Separate instrument	+	+	+					+					+					+
1100. Whistles: bone	+	+	(+)	+	+	+		+		+			+					+
1101. Single	+	+																+
1102. Double								-										
1103. Bird bone	+	+	+	+	+	+		+		+			+					+
1104. Animal bone								+										
1105. Wood (cane or elder), mere tube, 1 end closed					+			+										+
1106. Stop of gum or pitch.			-	-	-	-	-	-										-
1107. Stop of asphalt			+	+	+			+		+								+
1108. Flutes (without reed)			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1109. Four holes			(+)	(+)	(+)	(+)		+					+		+	+	+	+
1110. Or six holes								+										
1111. End blown	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1112. Side blown			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1113. Mouth blown	+	+			+	+		+										+
1114. Flattened around hole	-	-			-			-										-
1115. Of wood	+	+																
1116. Elder	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1117. Of cane								(-)										-
1118. Of bone	-	-						+		+						+	+	(+)
1119. Flageolet (with reed)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALENDARS AND COUNTING																		
1120. Descriptive calendar	+	+	+	+	+	+		+		+			+					+
1121. Seasonally named moon calendar			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1122. Numeral or finger-name calendar			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1123. 2-solstice calendar																		+
1124. Winter solstice observed in calendar.	+	+		+	+			+		+								+
1125. Summer solstice observed in calendar.																		+
1126. Stars as month markers	+	+	+	+	+	+		+		+			+			+	+	+
1127. Numeral system: counting by sixteens.			+	+	+	+		+										
1128. Decimal	+	+											+	+	+	+	+	+
ASTRONOMY, ETC.																		
1129. Moons in year (no.)			?	?	?	?	?	?		?			*12		?		*10	*10
1130. Star or constellation names for:																		
Orion (3 in row)				+				+					+					
1131. Pleiades (bunch of little ones shaking)	+	+																
1132. Maidens			+	+	+	+		+		+			+		+	+	+	+
1133. Polaris (star never moves).			+	+	+	+		+		+			+					+
1134. Constellation (or star) named: hand or arm			-	-	-	-	-	-	-	-	-	-	-	-				(+)
1135. Buzzard			-	-	-	-	-	-	-	-	-	-	-	-				(+)
1136. Gathering pole or crook			-	-	-	-	-	-	-	-	-	-	-	-				-

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
1137. Coyote								(+)					+					+
1138. Mountain sheep			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1139. Lazy star			(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	(+)
1140. Milky Way: ghosts' road			(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1141. Antelope's (deer's) road			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1142. Dust (ashes) road			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1143. Night's backbone					+	+												
1144. Road of the piñon gatherers								+		+		+	+					
1145. Rainbow: good				(+)	+			(+)					+					+
1146. Coyote's penis			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1147. Falling stars: bad	+	+																
1148. Indifferent			+	+	+	+		+					+					
1149. Indicate death	+	+															+	+
1150. Comet bad	+	+																
1151. Ball lightning dangerous						+		+					+	+				
1152. Cannibal																+	+	+
1153. Thunder: male			(+)	(+)	+		+						+					
1154. Bird or "dragon"			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1155. Lightning from eye	+	+			+	+		+		+			+					(+)
MARRIAGE																		
1156. Negotiated marriage price			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1157. Presents (indeterminate amount for bride)	+	+			+	+		+		+			+				+	+
1158. Service for bride								(+)										(+)
1159. Exchange of presents			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1160. "Half-marriage"			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1161. Polygamy optional			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(-)
1162. Usually chiefs only					+	+		+		+	+	+	+					(+)
1163. Separate houses for wives					(-)			(-)										
1164. Informal polyandry*					(+)			(+)										
1165. Husband's younger brother								(+)										
1166. Wife shaving by male namesakes								(-)										
1167. Sororate								(+)										
1168. Simultaneous					-			-					-					
1169. Successive					+			+					+					
1170. Optional					+			+					+					
1171. Sister of barren wife					(+)			(+)					+					
1172. Levirate*					-			-		-			-					
1173. Optional								(+)										
1174. Preferential or permitted marriage: man to wife's daughter*					(+)			(+)										
1175. Child betrothal, with exchange of presents (occasional)					+			+									(+)	(+)
1176. Rare					-			-									-	-
1177. Exogamy: local village endogamy per- mitted if no kinship*			+	+	+			+					+					+
1178. Marriage to other tribes			+	+	+	+		+					+					+
1179. Residence: first residence matrilocal																+	+	+
1180. Wife's mother's house																+	+	+
1181. Final residence patrilocal								+		+			+					+
1182. Husband's father's house								+		+			+					+
1183. Final residence matrilocal								-		-			-					-
1184. Alternating, no definite rule								-		-			-					-

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
BERDACHES																		
1226. Berdaches ostracized	+	+																
1227. Not in sweat house						-		-										
1228. Not in dances						(-)		(-)										
1229. Not initiated						+		+										
1231. Berdaches live with men	+	+	+	+	+	+		+		+								+
1232. Berdache-making ritual*			+	+	+	+		+		+								+
1233. Female berdaches					(-)	(-)		(-)		(-)								(-)
1235. Special functions at burial, mourning, shamanism			-	-	-	-		-		-								-
1236. Accompanied women seed-gather- ing					+			+		+								+
SOCIOPOLITICAL ORGANIZATION																		
1237. "Tribes" are dialectic divisions only .	+	+	+	+	+	+		+		+								+
1238. Villages and village groups the unit			+	+	+	+		+		+								+
1239. Dialectically separate.			+	+	+	+		+		+								+
1240. Centralized authority* .								+										
1241. Lineages or villages political unit or basis of same			(+)	(+)	(+)													(+)
1242. Moieties: but names no longer obtainable					+	+		+		+			+	+		+		(+)
1243. Wildcat-Coyote moieties																(+)		(+)
1244. Possibly Bear-Deer moieties . .	*+		+	(+)														
1245. Moiety names of totemic impli- cation*					+													
1246. Apparently southern Yokuts sys- tem with lack of moieties . .						+		+	+	+	+	+	+	+				
1247. Clans (nonlocalized): patrilineal chief and family descent			+	+	+	+		+		+			+	+				+
1248. Totemic names, etc.*					+													
1249. Women carry clan names			-	-	-	-		-		-			-	-				-
1250. Ritual functions of clans, or clan tales of war and migra- tion unobtainable	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+
1251. Names of totemic reference, one uncertain one obtained					*+													
1252. Single totem, killed, eaten . .					(-)													
1253. Exogamous, presumably					*+													
1254. Patrilineal lineages ("clans"): only village chiefs remembered			+	+	+	+		+		+			+					+
1255. Fetish, house, territory, mi- gration tales not remembered.			+	+	+	+		+		+			+					+
1256. Single totem: not remembered . .			+	+	+	+		+		+			+					+
1257. Killed, eaten					(-)													
1258. Exogamous, presumably					*+													
1259. Lineage-owned names, names of totemic reference, ceremonies conducted by lineages not re- membered	+	+	+	+	+	+		+		+			+					+
1260. Ceremonial parties not remembered . . .	+	+	+	+	+	+		+		+			+					+
1261. Villages autonomous	+	+	+	+	+	+		+		+			+					+
1262. Multiple-clan villages	(+)	(+)	(+)	(+)	(+)	(+)		(+)		(+)			(+)					(-)
1263. Multiple-lineage villages	(+)	(+)	(+)	(+)	(+)	(+)		(+)		(+)			(+)					(+)

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
1303. Is chief	+	+																
1304. Chief at times orated									+				+					
1305. Speaker for chief (e.g. Luiseño paha)					(+)			+					+				+	+
1306. Herald or messenger: each chief has 2 messengers			(+)	(+)	+	+	+	+	+	+	+	+	(+)	+	-	-	-	-
1307. Messengers carry money, assist chief in put- ting on ceremonies, invite other villages			(+)	(+)	+	+	+	+	+	+	+	+	(+)	+	-	-	-	-
1308. Firetender at rituals					+	+		+		+			+		+	+	+	+
1309. Singer (hauinik): sings crea- tion song					-			-										-
1310. Manet official distinct from paha.						(+)		(+)					(+)				(+)	(+)
1311. Paha conducts manet ceremony together with manet official .						(+)		(+)					(+)				(+)	(+)
PROPERTY AND INHERITANCE																		
1312. Land tribal, everything in commonalty .			-	-	-	-		-		-			-					-
1313. Privately (household) owned: seeds, acorns, trees *					+	+		+					+					
1314. Eagles or eagle nests								+				+	+					
1315. Boundaries recognized by natural land- marks													+					
1316. Inheritance of property by sons	+	+	+	+	+			+					+					+
1317. Partly to daughters			+	+	+			+						+				
WAR																		
1318. Wars to avenge witchcraft													+	+				
1319. Between villages only													+	+				
1320. For adventure					-	-	-	-					-	-				
1321. Surprise attacks													+	+				
1322. War-chief office					-	-	-	-					-	-				
1323. Chiefs make peace														+				
1324. Scalps or heads taken	+	+																
BIRTH																		
1325. Special hut at childbirth			-	+	+				+				+					
1326. Mother sits at delivery					+								+					+
1327. Holds to cord from roof, or to stake . .					+													
1328. Midwife assists	+	+	+	+	+			+					+					+
1329. Shaman assists			-	-	-			-					-					-
1329a. In some births only					+													
1330. Goes outside somewhere for birth, bringing child home few hours later (occasionally)					+													
1331. Baking in pit after birth	+	+	+	+	+	+			+				+					+
1332. Pit plant-lined			+	+	+	+			+				+					+
1333. Delivery in pit			-	-	-			-										-
1334. Childbirth drink for mother: warm water	+																	
1335. Thin acorn mush					+				+				+					+

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
1436. Duration of restrictions: during menstruation									+						+			
1437. Indefinite	+	+																
1438. Husband cannot hunt									+						+			+
1439. Cannot fish									(+)						(+)			(+)
BOYS' PUBERTY																		
1440. Old men had boys out in night, gave them pounded toloache root mixed with water									+									
1441. Toloache given to boys after which they danced																		
1442. Vision quest: toloache taken (with society)*	(+)	(+)																
1443. Toloache initiation of Luiseño type*																		+
1444. Sand-painting altar																		+
1445. Moral discourses																		+
1446. HorLoi ("war dance"): initiates en masse																		+
DEATH																		
1447. Corpse kept in house overnight									+	+					+			+
1448. Taken out of house before death									-	-					-			-
1449. Corpse taken immediately out of house									-	-					-			-
1450. Buried same day as death	+	+																
1451. Corpse left in house until interment									-	-					-			-
1452. Corpse washed	-	-							(-)	-					-			
1453. Buried as died, clean or dirty, naked or clothed									-	-					-			
1454. Corpse painted									(-)						-			
1455. Corpse passed through wall	-	-							-	-					-			-
1456. Interment of dead		+							+	+			+	+				*+
1457. Flexed		+																
1458. Extended, wrapped in tule mat or blanket*																		
1459. Grave planks									+	+					+			
1460. Grave masts									+	+					+			
1461. Cemeteries outside town, but near	+	+							+	+					+			
1462. Cemeteries within town									-	-					-			
1463. Sand in grave																		
1464. String from grave																		
1465. Cremation																		+
1466. Sometimes, if had not wherewith to burn, buried		+																+
1467. Destruction of property (at funeral)									+	+					+			
1468. Even pulled up crops, burned house, moved away		+																
1469. Undertaker: 1 man or woman who carries corpse on back to grave followed by mourners									+	+			+	+				
1470. Purification by washing									+	+								
1471. Mourners: widow's hair cropped									+	+					+			+
1472. Burned	+	+																
1473. Head pitched									-	-								
1474. Face pitched									+	(+)					+			

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
1475. Asphalted			+															
1476. Widow confined 1 year			+															
1477. No meat, salt, or grease for a year														+				
1478. Family (close kin) cut hair														+				
1479. Scratch faces, bodies														-				
1480. Taboo on name of dead	+	+	+	+	+	+		+						+		+		+
1481. Indefinitely (permanent).			+	+	+	+		+						+		+		+
1482. Till formally regiven	+	+			+	+		+						+				
1483. Alter kin terms after death	+	+		+	+	+		+						+				+
MOURNING CEREMONY																		
1486. Annually, for all year's dead	(+)	(+)	+	+														+
1487. Every 2 or 3 years, barely remembered									+		+		+	+				
1488. For prominent men only									+		+		+	+				
1489. For warriors only									-		-		-	-				
1490. Late summer									+		+		+	+				+
1491. At any season									-		-		-	-				-
1492. Held under ramada									+		+		+	+				+
1493. Song cycles used in mourning									+		+		+	+				+
1494. S. Calif. type ceremony with: retreat of clan-priest														-				(+)
1495. Bundle opened														-				(+)
1496. Shaman sanctions performance.														-				-
1497. Invited clans paid ceremonially														-				(+)
1498. Covering tracks of dead														-				-
1499. Clothes-washing														-				(+)
1500. Clothes-burning														-				(+)
1501. Eagle sacrifice														-				+
1502. For dead clan leader.																		-
1503. For eagle itself																		+
1504. Eagle given by opposite moiety																		(+)
1505. Feathers for images																		-
1506. Feathers kept in bundle																		+
1507. Feathers for regalia.																		+
1508. HorLoi type dance																+	+	+
1509. For general good luck only																		+
1510. Fire dance, fire stamped out.																		(+)
1511. Tatahuila dance										+			+	+		+		+
1512. Images made										+		+	+	+		+		+
1513. Image carrier shot at										-								-
1514. Images burned with offerings										+		+	+	+		+		+
1515. Special ceremony for toloache initiates			(+)	+	+													+
1516. Regalia buried in sand painting																		(+)
1517. Hut or poles for offerings			-	-	-	-								-				-
1518. Pole mourning ceremonies, offerings at foot			-	-	-	-								-				-
1519. "Pota" type ceremony, with images and enemy			-	-	-	-								-				-
1520. Eagle feathers abode for souls during ceremony.			-	-	-	-								-				-
1521. Mock battle			-	-	-	-								-				-
1522. Professional (paid) mourners	-	-	-	-	-	-								-				-
1523. Owl feather ropes or bands draped around house			-	-	-	-								-				-

	Cn	Gs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
1524. Oratory at mourning ceremony.			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHAMANISM																		
1525. Shamans: men only			+	+	+	+		+	+			+	+					+
1526. Mostly men	+	+	-	-	-	-		-	-			-	-					-
1527. Sometimes women	+	+																
1528. Sucked*			+	+	+	+		+	+			+	+		+			+
1529. Sang*			+	+	+	+		+				+						
1530. Used herbs*			+	+	+	+		+	+			+	+					+
1531. Dreamed								+					+					
1532. Do not cure								-					-					
1533. Special class of "dreamers" (clairvoyant)			-															
1534. Rattlesnake shamans						+				+			+					
1535. Handle rattlers						+												
1536. Power from sun						-							-					
1537. Weather shamans	+	+	+	+	+			+				+	+	+	+	+	+	+
1538. Make rain commence and stop	+	+	+	+	+			+				+	+	+	+	+	+	+
1539. Cure also			(-)		(-)							(-)						(-)
1540. Grizzly bear shamans: transform selves into bear	+	+	+	+	+	+		+	+	+		+	+	+	+	+	+	+
1541. By wearing bear skin.	-	-																
1542. By actually becoming bears			+	+				+	+			+	+		+			+
1543. Cure also			(-)	-	-			-				-						-
1544. Power of rapid travel								+	+			+	+		+			+
1545. Only such power as real bear has	+	+																
1546. Walk slow like a bear			+															
1547. Invulnerable								-					-					(-)
1548. Return to life	+	+	+	+	+	+		+	+			+	+		+		+	+
1549. Doctors poison; no special class of poisoners			+	+	+	+		+	+			+	+		+			+
1550. Secret poisons			+	+	+	+		+	+			+	+		+			+
1551. Source of power: prenatal dreaming			-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
1552. Dreams from childhood								+					+					
1553. Guardian spirit								+					+					
1554. Vision quest ca. puberty								+					+					
1555. Vision obtained from toloache			(+)		+	+												+
1556. Novices trained by older shamans	+	+						+										+
1557. Bathing for power			-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
1558. Public "doctor-making" dance			-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
1559. Power from "pains"			-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
1560. Power from guardian spirit			+	+	+	+		+	+			+	+					
1561. Sleight-of-hand, wand swallow- ing																		(+)
1562. Fire handling																		+
1563. Functions of shaman: curing	+	+	+	+	+	+		+	+			+	+					+
1564. Foretelling future (clair- voyance)	+	+			+			+	+			+	+					+
1565. Finding lost objects (clairvoyance)	+	+						+										
1566. Protecting people against snakes or sickness								-					-					
1567. Removes contamination	+	+						-					-					

	Cn	Cs	An	Mi	In	B1	B2	V1	V2	V3	V4	Em	K1	K2	Fe	G1	G2	G3
1690. Bird hovering in one's path bad	+	+																
1691. Dog howling near house bad . .	+	+																
<u>Various Items</u>																		
1692. Bad to point at rainbow					-			-										
1693. Special ancient dog names distinct from human personal names			+		+	+		+					+					(+)
1694. Dogs named with hereditary dog names		+																
1695. Dogs talked to			+	+	+	+		+					+					
1696. Wells			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1697. Very slight speech differences for sex.								+					+					
1698. Swimming: classic (breast stroke), dog fashion								+		+			+					
1699. On back (frog)										+								
1700. Crawl										(+)								
1701. Mole's front feet bitten for toothache.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1702. Males micturate squatting					-			-					-					
1703. Toilet: various soft plants for wiping self	+	+	+		+	+		+					+					
1704. Slain bear switched on belly for luck .													-					
1705. School for boys													-					
1706. Animals changed to men*			+	+	+	+		+					+					

ETHNOGRAPHIC NOTES ON THE ELEMENT LIST

REFERENCES CITED

Abbreviations:

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BAE-B Bureau of American Ethnology, Bulletin.
UC-PAAE University of California Publications in American Archaeology and Ethnology.
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[Handbook. See Kroeber.]
- Kroeber, A. L.
1925. Handbook of the Indians of California. BAE-B 78. Cited as Handbook.
- Steward, J. H.
1933. Ethnography of the Owens Valley Paiute. UC-PAAE 33:233-350.

HUNTING; FISHING

22. Cn, Cs: Heavy board, one end propped, for mice; or twig cage, one end propped, for quail.
25. No details remembered.
- 26, 27. Not remembered.
38. No details remembered. The dip net may have been mounted on semicircular or circular hoop.
46. Harpoon described by Luisa Ignacio (Bl) as "like an arrow."

FOOD GATHERING, PREPARATION, STORAGE

124. Kl: Occurs, but scarce.
162. Spanish bayonet is Yucca, the species presumably whipplei. Entries for element 126 give it as not used. The "cabbage cooking" is typical of SW Agave treatment. (Ed.)
170. Cs: "Like little square house."
174. See Handbook, pl. 54.

HOUSES; NAVIGATION

178. No details obtainable.
- 180-181. Small sweat house often built onto an earth bank. Both kinds said to be for sweating only, details hazy.
216. Cs: Thatch also of grass.
221. Communal house claimed to be nothing more

than large dome-shaped "jacal," in spite of historical sources.

227. Beds made of crotched willow posts and cross poles, possibly dating from mission times only.
228. Mat bedding, whether on scaffold "cuatres" or on ground.
232. Cs: For woman and baby after childbirth.
233. Houses more commonly in single crude row, than in double row with street between.
238. Cs: Like windbreak; boughs piled and leaned together; for fiestas.
240. Not remembered which direction entrance faced.
248. No details remembered.
254. No details remembered.
259. 16-26 ft. long, sometimes wing boards at sides, little skeleton, depending on keel (?) for strength; 1 to 8 passengers; for ocean.

GRINDING UTENSILS; HOUSEHOLD IMPLEMENTS; WEAPONS

287. Cs: Can be sunk, but not necessarily.
329. Costano, in Mexican times.
430. See Steward, 251.
431. Archaeological specimens more dependable than informants' statements.
446. But possibly heard of this through immigrant Indians in mission times.

BODY ADORNMENT--HABITUAL

- 488-540. Wherever description of the element is followed by "m, f," the entry + means that the item applies to both males and females, except as may be otherwise stated in these notes.
488. Some women had it to knee.
499. Cs: Women only.
503. In, Kl: Men only.
504. The hair pencils of the Buena Vista Lake burials must be Mohave.
506. Vl, V3: Women in mission times. Cs: Alleged for men.
507. Cn, Cs: Women only.
- 512-513. Cn, Cs: Sex not specified.
516. There was evidently quite a little tattooing throughout the region. Cn, Cs: Sex not specified.
517. Details and sex not remembered.
525. Men thought to have worn necklaces, too.
- 525-527. An, Mi: Sex not specified.
535. Indian hemp not specified for Costano.
544. Red ocher remembered as ritual paint only, aside from Costano.
546. Bl: Heard of a boy who daubed his buttocks white.

BODY ADORNMENT--RITUAL AND FESTIVAL

593. See everyday dress (536) for elderwood (?) and carrizo ear tubes, not regarded as regalia. No regalia ear sticks or tubes remembered.

595. Heard mentioned, never seen by informants.

600. No specimens preserved. Possibly the informants remembered San Fernando style.

607, 608. But confused with hairpins.

CLOTHING; POSTURES

622. Technique under Basketry.

626. Mentioned in a historical source.

639. Details not remembered, probably unfringed.

666. Cs: Men only specified.

672. Not specified for Costano whether feet crossed.

684. To break a maidenhead is rendered "to break a girl."

BURDENS; BASKETRY; WEAVING, NETTING;
CRADLES; CORDAGE

702. Of Juncus or tule, "Indian trunk." Not recognized as clan fetish container.

705. Also used by Mexican women at the missions.

735. See Barrett, pl. 15.

737. See Handbook, pls. 53, 73.

747. See Handbook, pl. 29.

750, 755. See Handbook, pl. 50e.

771. See Handbook, pl. 55e.

777. See Handbook, pl. 44.

880, 881. See Handbook, pl. 40m.

882. See Handbook, pl. 40c.

883. See Handbook, pl. 39f.

885. See Handbook, pls. 39, 40, 40k.

886. See Handbook, pl. 39b.

888. See Beals, 411.

889. No details remembered.

920. See Gifford, 28.

GAMES; MUSICAL INSTRUMENTS; PIPES; ASTRONOMY

933. Costano courses often many miles.

939. Turn toes in a little so they go squarely against the ball.

947. An, V1: Betting sometimes. There is no remembrance in the area whether or not the sides represented moieties or "clans."

980. An: Three Olivella shells strung together.

988. Cs: 24. An: 12. V1, K1: 15.

992. But two on a side can play; and Cs specified two, not four.

1055. Presumably on stone (or cane ?) pipe.

1096. An, V1: But replacing older usage.

1129. K1, G2, G3: Questionable entries.

MARRIAGE, ETC.

1164. Details forgotten.

1172. Denied or forgotten.

1174. Pre-Caucasian customs forgotten.

1177. But not sure of pre-Caucasian custom.

1203. At least in mission times.

KINSHIP USAGES; BERDACHES

1206. Details not remembered.

1232. Forgotten.

SOCIOPOLITICAL ORGANIZATION

1240. Possibly there were allied village groups under a "big chief."

1244. Indications in a fragment of myth of bear and deer moieties for Costano.

1245, 1248. Name of white goose remembered as lineage or individual pet, implying Yokuts-like system.

CHIEFS AND OFFICIALS; PROPERTY AND INHERITANCE

1284. Clan and lineage identified with village chief.

1284a. Called "big chief."

1313. For example, an old woman would own a certain oak.

BIRTH

1338. Warm water specified for Cs.

1362. In, G3: Occasionally.

1388. In mission times.

GIRLS' PUBERTY; BOYS' PUBERTY

1417. Practiced at San Fernando and sporadically in adjacent parts of Ventura County.

1418. In mission times.

DEATH; MOURNING CEREMONY

1442. Details forgotten.

1443. Remembered to have existed.

1456, 1465. Coast Gabrielino both buried and burned the dead as far south as mouth of Santa Ana River.

1458. In mission times. Aboriginal body position and orientation not remembered.

SHAMANISM

1528-1530. But not known to be a special class.

1593. Nothing remembered.

1594. Among groups for which minus entered, nothing is remembered.

1601. Cn, Cs: Shaman paid or given presents either before or after curing or even if unsuccessful or has refused case.

MISCELLANEOUS RELIGIOUS TRAITS; VARIOUS ITEMS

1647. Some chiefs become stars.

1706. No examples remembered.

CHUNGICHNISH CULT RELIGION

1612. Evidently penetrated from south into Chumash area.