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8:4

**CULTURE ELEMENT DISTRIBUTIONS: XXIV
CENTRAL SIERRA**

**BY
B. W. AGINSKY**

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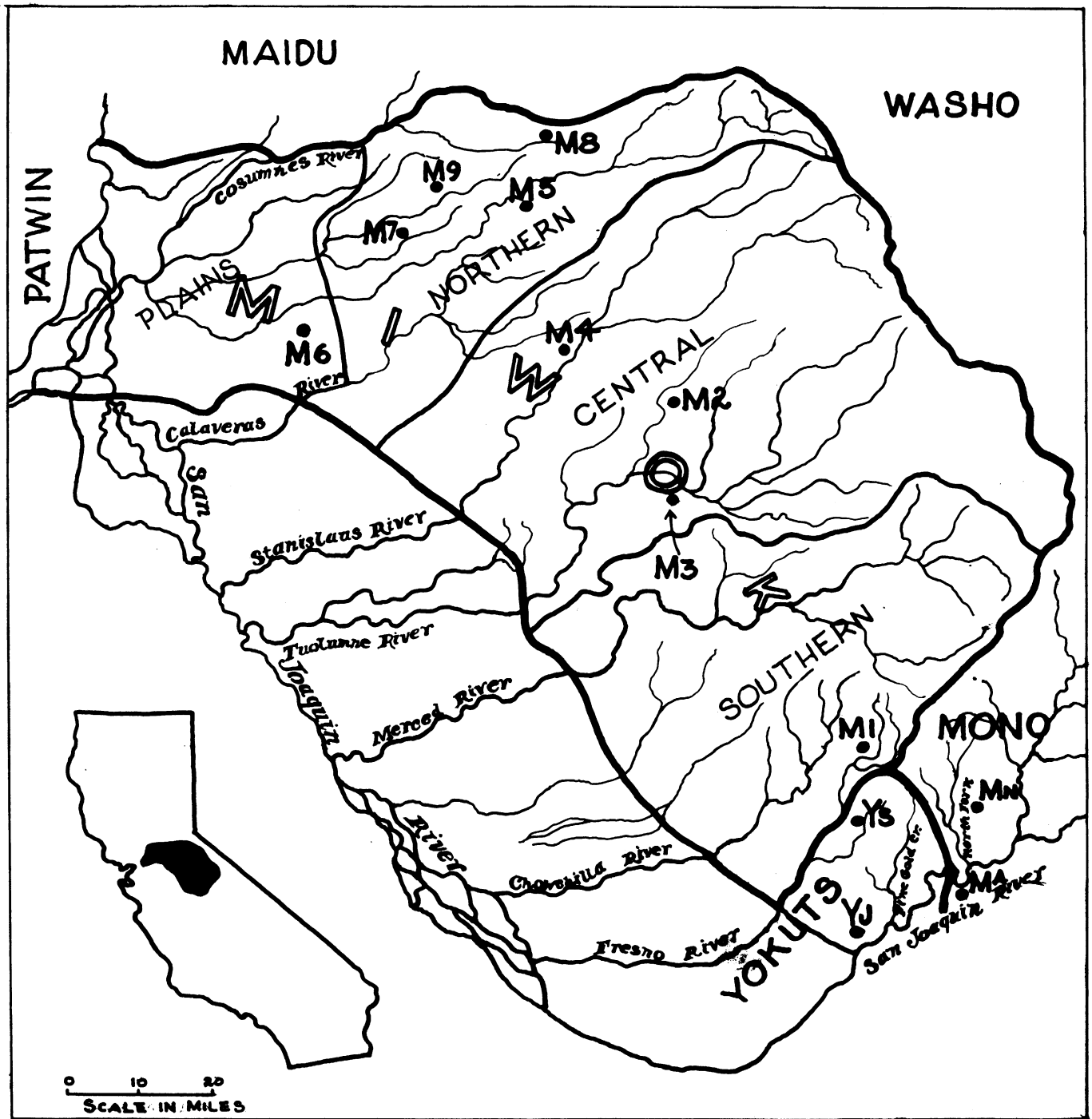
MANUFACTURED IN THE UNITED STATES OF AMERICA

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Map 1. Modern residence of Miwok groups surveyed.

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B. W. AGINSKY

INTRODUCTION

The data for this study in the Culture Element Distributions Survey were secured and arranged in the six months from January to June of 1936. Indebtedness is acknowledged to A. L. Kroeber for the opportunity to participate, and for his counsel and guidance. E. W. Gifford and H. E. Driver were of tremendous assistance in explaining, coaching, and advising me as to techniques, pitfalls, and devices, without which aid the work would have been far more difficult.*

The study was intended to cover the Miwok. Driver had previously surveyed the Yokuts and Mono and a number of Shoshonean groups beyond them,¹ all situated to the south of the Miwok. However, he had not reached the most northerly Yokuts and Mono settlements, immediately adjacent to the Miwok. I therefore secured lists from four of these groups, two Yokuts and two Mono, in addition to eight lists from as many Miwok groups.² A ninth Miwok list (M7) was begun, but had to be abandoned³ on account of illness of the only available informant at that locality. My Yokuts-Mono extension presents the technical advantage that the line of demarcation between the field work of Driver and myself does not coincide with the linguistic line of demarcation between Miwok on the one hand and Yokuts and Mono on the other.

My engagement was for six months. The first six weeks were utilized in surveying the literature on the southern Sierra and San Joaquin Valley tribes and reworking Driver's list to make it more specifically applicable to the Yokuts. I was in the field two months. The remaining time was used to prepare the data for publication. An average of five days was spent with each group--perhaps five when an interpreter was necessary, four without. Little time was lost between lists. The groups live so close together that

*Assistance in the preparation of these materials was furnished by the personnel of Work Projects Administration Official Project No. 65-1-08-62, Unit A15.

¹H. E. Driver, Culture Element Distributions: VI--Southern Sierra Nevada, this series, 1:53-154, 1937.

²Two Southern, two Central, three Northern, and one Plains Miwok, according to the usual classification.

³It covers only traits 1-27, 34-39, 45, 49-68, and 814-987, plus a few entries in the notes under nos. 1011a-1013 and 1088a-e.

an hour or two suffices to reach one from the other by car. I came provided with names of informants from the University, and usually could drive over of an evening and make arrangements for working with an informant of the next group before I had completed work with the preceding.

Driver's Southern Sierra list of traits was used as a basis, and for more ready comparability his trait numbers were retained. Where I added items, they are designated by added letters. Items of his which I dropped from my list, or on which I secured no data, are represented by gaps in my numbering. Thus, Driver's traits 1-2307 correspond to my 1-2324. The captions under numbers 1, 3-13 are identical; 1a, 5a-d, 8a, 11a-d, 12a, 13a-c occur only in my list; 2, 7 only in his. Thus identical and divergent elements in the two lists can be distinguished at a glance, on comparison.

As regards the local groups of Indians and their designations, I at first headed columns with simple one-letter abbreviations of the current American name of the place near which the group now lives. Thus, F for Friant. These are Yokuts living on the San Joaquin River. As Friant is not readily identifiable ethnologically, the abbreviation Yo-SJ was later substituted. This is retained at the head of the column on the first page only of the element list (p. 395). Subsequently, more compact abbreviations were found desirable for wide-range interlist comparisons; Yj was substituted for Yo-SJ, in conformity with the map and tabulation in Kroeber's CED:XI--Tribes Surveyed.⁴

I add a table (top of following page) of all localities, group name abbreviations, and ethnic affiliations.

After some trial, I concluded that symbols like (+) and -? were too indefinite, and restricted my entries to + and - when the informant's answer was definite, and . when his answer was uncertain, hesitant, variable, or seemed unreliable. In short, my symbol "." includes the ., (+), (-), +?, -?, and ? symbols of other field collectors. A blank space indicates that the trait was not inquired about; an "o," that the trait cannot occur in the local culture because an involved material, animal, or condition is absent from the environment.

⁴This series, 1:435-440, 1939.

Modern residence of group	Original symbol	Later designation	Final designation	Ethnic classification
Friant	F	Yo-SJ	Yj	Yokuts, of Valley speech division, tribal name not secured, living on San Joaquin River
Auberry	A	Mo-Au	Ma	Mono, Gashowu of Auberry ^a
North Fork ...	N	Mo-NF	Mn	Mono, of North Fork of San Joaquin River
Coarsegold ...	C	Yo-Ch	Ys	Yokuts, of Northern Hill speech division, Chukchansi tribe of Coarsegold
Ahwahnee	A	SM-A	M1	Miwok, Southern
Tuolumne	T	CM-T	M2	Miwok, Central
Groveland	G	SM-G	M3	Miwok, Southern
Murphy	M	CM-M	M4	Miwok, Central; a borderline group
Westpoint	W	NM-W	M5	Miwok, Northern
Lockeford	L	PM-L	M6	Miwok, Plains
(Buena Vista).	(B)	(NM-B)	(M7)	(Miwok, Northern)
Indian Diggins	I	NM-I	M8	Miwok, Northern
Pine Grove ...	P	NM-P	M9	Miwok, Northern

^aIn the Handbook of the Indians of California, p. 481, map pl. 47, the Gashowu are given as Yokuts, and Auberry as in their territory.

INFORMANTS

- Yj. John Ned Jones, age 74.
 Ma. Topsy Strombeck, age over 50; her son Jimmie Lee interpreting. Lucy and Dick Sherman, both about 90, living 10 miles from the Indian settlement at Auberry, were also used. White Jeff Marvin was available as interpreter.
 Mn. Hausen Lavell, 65, and his wife.
 Ys. Matilda Neal, over 80, and Mandy Lewis, age unknown; Henry Jones, interpreter.
 M1. Jack Roan, over 80.
 M2. Julia Read, 85 or over; Lorena Thompson, interpreter.
- M3. Bill Tadd, over 80. Half breed.
 M4. Charley Miranda, about 85.
 M5. Susie Jeff, "over 105," with Laura Geto as interpreter; also Tom Carsoner, 62, without interpreter.
 M6. Mary Martinez, over 90, and Charley Maximo; Elinor McCaully, interpreter.
 (M7. Frank Powell.)
 M8. Pedro O'Connor, 75. His wife, the M9 informant, interpreted.
 M9. Lily O'Connor, 45.

CULTURE ELEMENT DISTRIBUTIONS LIST

SYMBOLS USED IN THE ELEMENT LIST

- | | |
|--|---|
| <p>+ Trait present in the culture.</p> <p>- Trait absent from the culture.</p> <p>· Informant did not remember, was uncertain, said no and then yes, answered only after prompting, said yes but perhaps did not understand, or gave any other answer than a clear yes or no as to presence.</p> | <p>o Absent because of environment.</p> <p>pl Plural.</p> <p>N, S, E, W North, south, east, west.</p> <p>a All (under Marriage).</p> <p>* See "Ethnographic Notes on the Element List," p. 451.</p> |
|--|---|

ELEMENTS	OCCURRENCE														
	Yo-SJ	Mo-Au	Mo-NF	Yo-Ch	SM-A	CM-T	SM-G	CM-M	NM-W	PM-L	NM-B	NM-I	NM-P		
	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M7	M8	M9		
SUBSISTENCE															
<u>Hunting</u>															
Driving and Trailing															
1. Into enclosure	-	+	-	+	-	-	*	-	-	*	-	-	-	-	-
*1a. Surround	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3. Over cliff	+	-	.	-	+	-	-	+	-	-	-	+	+	-	+
4. Into water	-	-	+	-	-	+	-	-	-	+	-	-	+	+	+
5. With fire	+	+	.	+	+	-	-	-	+	+	-	+	+	+	+
5a. In fall of year	+	+	.	+	+	-	-	-	+	+	-	+	+	+	+
5b. Toward center of circle	+	+	.	+	+	-	-	-	-	.	-	-	+	+	+
5c. Hunters stationed in clearing	+	+	.	+	+	-	-	-	-	.	-	-	+	+	+
*5d. Taboo against drinking water	-	-	.	-	.	-	-	-	-	-	-	-	*	+	+
6. To concealed hunters	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8. Deer along trail or canyon	+	+	+	-	.	+	+	+	+	+	+	+	+	+	+
*8a. Trailing	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
*9. Running down	+	-	+	+	-	-	+	+	+	+	+	+	+	+	+
10. Individually	-	-	-	+	-	-	-	-	+	+	.	-	-	-	-
11. In groups	+	-	+	-	-	-	-	+	-	.	-	-	+	+	+
11a. In relays	+	-	+	-	-	-	-	+	-	.	-	-	+	+	+
11b. Doctor (religious) accompanies hunter	+	+	+	+	-	-	-	+	-	.	-	-	+	+	+
11c. Receives share of kill	+	+	+	+	-	-	-	+	-	.	-	-	+	+	+
11d. Hunters had own medicine	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+
12. With dog	-	+	+	+	.	+	+	+	+	.	+	+	+	+	+
12a. Dogs highly prized	-	+	+	+	.	+	+	+	+	.	+	+	+	+	+
13. Smoke signals	+	-	+	-	+	-	-	-	-	.	.	*	+	+	+
13a. Large game cleaned where killed	+	+	+	+	+	+	+	+	+	+	*	+	+	+	+
13b. Entrails saved	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
*13c. Stomach cleaned and filled with blood, etc.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Traps, Nets, and Snares															
14. Spring-pole snare	+	+	+	+	-	-	+	+	+	.	+	-	.	.	.
15. For deer and large game	+	+	+	-	-	-	-	+	-	.	-	-	.	.	.
16. For small game	+	-	+	+	+	-	+	+	+	.	+	-	.	.	.
17a. Cracked acorns buried in mud under water	-	-	+	-	+	-	-	-	-	.	.	.	+	+	+
17b. Net on poles set to fall over place	-	-	+	-	+	-	-	-	-	.	.	.	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M7	M8	M9
17c. Song sung to bring birds (quail, etc.)	-	-	+	-	-	-	-	-	-	.	.	*	+
17d. Signal by man	-	-	+	-	-	-	-	-	-	.	.	+	+
17e. Another man in near-by pit	-	-	+	-	-	-	-	-	-	.	.	+	+
17f. Releases net when birds under water	-	-	+	-	*	-	-	-	-	.	.	+	+
18. Fences with nooses in gaps	+	+	+	-	+	+	+	+	+	+	+	+	+
19. For deer	+	+	-	-	-	-	-	-	-	-	-	-	-
20. For rabbits	+	+	.	-	+	*	+	-	-	+	+	+	+
21. For quail	+	+	+	-	+	+	+	+	+	+	+	+	+
21a. Bird nests robbed when birds about to fly	+	+	+	+	+	+	+	+	+	+	+	+	+
21b. Woodpecker nests stopped up	+	+	.	+	.	-	+	+	+	+	+	*	+
21c. Flesh eaten	+	+	+	+	+	+	+	+	+	+	+	+	+
21d. Crests sold	+	+	+	+	+	+	+	+	+	+	+	+	+
22. Running noose on trail for deer	+	+	+	-	-	-	-	-	-	-	-	.	-
22a. Nets set to drop over springs	+	-	+	-	-	-	-	-	-	.	.	*	+
*22b. Nets set low near water where birds drink	+	+	+	-	-	-	-	-	-	.	.	+	+
23. Nets, long	+	-	.	-	-	-	-	-	+	.	+	+	+
24. For deer	+	-	.	-	-	-	-	-	-	.	-	-	-
25. For rabbits	+	-	.	-	-	-	-	-	+	.	.	+	+
26. For quail	+	-	-	-	-	-	-	-	-	.	-	+	+
26a. Quail hunter professional	+	+	+	-	-	+	+	+	+	+	+	+	+
26b. Quail fences less than 2 ft. high	+	-	+	-	+	-	*	-	-	-	-	-	-
26ba. 2-3 ft. high	+	-	*	*	*	+	+	+	+	+	+	+	+
26c. Diagonally up slope	+	-	.	-	-	-	-	*	+	.	+	+	+
26ca. Straight across ridge	+	-	.	-	-	-	+	+	+	.	.	-	-
26d. Snare of women's hair hung in openings	+	-	-	-	-	+	+	+	+	+	+	+	+
26e. Women sold hair to owner of fences	+	-	-	-	-	-	-	-	+	+	+	+	+
26ea. Own wife only	-	-	-	-	-	+	+	+	-	-	-	-	-
26f. Group affair, sharing proceeds	-	-	-	-	-	-	-	-	-	-	-	*	*
26fa. Owned by one man	-	-	-	-	-	+	+	+	+	+	+	+	+
26g. Snares emptied morning and afternoon	*	-	-	-	-	-	-	-	+	.	.	+	+
26ga. Emptied at night	-	-	-	-	-	-	+	+	-	+	+	+	+
26h. Beat up to snares and empty	-	-	-	-	-	*	-	-	+	.	-	-	-
26i. Meat dried	+	+	+	-	-	*	+	+	+	+	+	+	+
26j. Traded for other things	+	-	*	-	-	-	+	+	+	+	+	+	+
27. Lone nets for ducks or geese	-	-	-	-	-	-	-	-	+	.	+	+	+
28. Pocket nets for small game	+	-	-	-	-	-	-	-	+	.	.	.	-
29. Woodpecker net trap	+	-	-	-	-	-	-	-	-	.	.	*	+
31. Basket traps	-	-	-	-	-	-	-	-	-	+	.	+	+
32. For quail, long	-	-	-	-	-	-	-	-	-	-	.	*	+
34. Deadfalls	+	+	+	+	+	+	+	+	+	+	+	+	+
35. Stone	+	+	+	+	+	+	+	+	+	+	+	+	+
36. For big game	+	+	-	-	-	-	-	-	-	-	-	-	-
37. For small game	+	+	+	+	+	+	+	+	+	+	+	+	+
38. Meat bait	+	+	+	-	-	-	-	-	-	-	-	-	-
39. Acorn bait	+	+	+	+	+	+	+	+	+	+	+	+	+
40. Pitfalls	+	-	+	-	-	-	-	-	-	.	.	*	+
41. Depth in feet, approximate	10	-	8	-	-	-	-	-	-	.	.	11	+
42. With crossbars (covered over)	+	-	+	-	-	-	-	-	-	.	.	+	+
43. Stake at bottom for impalement	+	-	-	-	-	-	-	-	-	.	.	-	-
44. Noose at bottom	+	-	+	-	-	-	-	-	-	.	.	*	-
45. Booths and blinds	+	+	+	+	+	+	*	-	*	+	+	+	+
45a. Several used	+	+	+	-	.	-	-	-	-	.	.	+	+
45b. Pine or fir branches	+	+	+	+	+	+	+	-	-	.	.	+	+
45ba. Rock walls	+	+	-	-	+	+	-	-	-	+	.	+	+
45c. Same one used every few days (45 to 45b)	+	+	+	-	.	.	-	-	-	.	.	+	+
46. Bird snaring, noose on stick	+	+	+	*	-	-	-	-	-	.	.	-	-

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M7	MB	M9
47. Game shooting	+	+	+	+	+	+	+	+	+	+		+	+
Decoys and Disguises													
49. Deer (antelope) head, sometimes including most of the hide	+	+	+	-	+	-	-	+	-	-	-	-	-
49a. Horns only						+	+	-	+	+	+	+	+
49b. Made of wood	+	-	+	-	-	+	+	-	-	-	-	-	-
50. Grass, tule, or brush worn	+	+	+	-	-	-	-	-	-	-	-	-	-
51. For deer	+	+	+	-	+	-	+	-	-	+	+	+	+
52. For rodents	+	-	+	-	-	-	-	-	-	-	-	-	-
53. Stuffed bird skin, floating	+	-	+	-	-	-	-	-	-	+	+	+	+
54. Live birds	+	-	+	+	-	-	-	-	-	+	+	+	+
55. Auditory, leaf or grass, for deer	+	-	+	+	-	+	*	+	+	+	+	+	+
56. Whistle, mouth	+	+	+	+	+	+	+	+	+	+	+	+	+
56a. Instrument (wood or bone)	+	-	+	-	+	-	+	-	+	+	+	+	+
*57. Vocal; shout	+	+	+	-	-	+	*	-	-	+	+	+	+
Various													
58. Fire at night for birds	+	-	-	+	-	*	+	+	+	+	+	*	+
59. Sharp stick for rodents	+	+	+	+	+	+	-	-	-	+	+	+	+
60. Single-bone-barbed rodent hook	+	-	+	+	-	-	-	-	-	-	-	-	-
61. Rodents smoked out	+	+	+	+	+	-	+	-	-	+	+	+	+
*61a. Stamp on ground								+	+	+	+	+	+
62. Feather fan	+	+	+	+	-	-	+	-	-	+	+	+	+
62a. Hide fan	+	-	-	-	-	-	-	-	-	-	-	-	-
63. Basket fan	+	+	+	+	-	-	-	-	-	+	+	+	+
64. Rodents drowned out, with digging	+	+	+	+	+	+	+	-	-	+	+	+	+
65. Rat nests burned	+	+	+	+	+	+	-	+	+	+	+	+	+
66. Rat nests prodded with stick	+	+	+	+	+	+	+	+	+	+	+	-	-
67. Grasshoppers caught in trench	+	+	+	-	+	*	+	*	+	+	+	+	+
67a. Ground burned over				*					+	+	+	+	+
68. Caterpillars caught in trench	+	+	+	-	-	*	-	+	+	+	+	+	+
*68a. Spoken to, picked off tree				+	+	+	+	+	+	+	+	+	+
Animal Foods Not Used (+, avoided; -, eaten; o, reported not in area)													
69. Dog	-	-	-	-	+	-	.	.	+	+		o	o
70. Wolf	-	-	-	o	o	.	o	o	+	o		o	o
71. Coyote	-	-	-	+	+	-	+	+	+	o		-	-
72. Fox	-	-	-	-	-	-	-	-	-	+		-	-
73. Black bear (<i>Ursus americanus</i>)	-	-	-	-	-	-	-	-	-	+		-	-
73a. Grizzly bear (<i>Ursus horribilis</i>)	o	o	-	o	-	-	-	-	-	+		-	-
74. Puma	-	-	-	-	-	-	-	-	-	+		-	-
75. Wildcat	-	-	-	-	-	-	-	-	-	+		-	-
76. Skunk	+	-	-	+	+	+	+	+	+	+		+	+
77. Mole	+	+	-	+	-	+	+	-	+	-		-	.
78. Eagle	+	+	+	+	+	+	+	+	+	+		+	+
80. Buzzard	+	+	+	+	+	+	+	+	+	+		+	+
81. Hawk	-	-	-	-	+	+	-	+	-	-		-	-
82. Crow	-	o	o	-	+	.	+	-	-	-		-	+
83. Great horned owl	-	-	-	+	+	+	+	*	+	+		-	-
84. Road runner	-	+	+	.	.	+	.	.	+	+		+	.
86. Rattlesnake	-	-	-	-	+	+	-	+	+	+		+	+
87. Nonpoisonous land snakes	-	-	-	-	-	+	-	+	+	+		+	+
88. Water snakes	-	+	-	-	+	+	+	+	+	+		+	+
89. "Lizards"	-	-	-	-	-	+	+	-	+	+		-	-
*90. Tortoise	+	-	+	-	-	+	-	-	-	-		-	-

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
123m. Everyone eats mush	+	-	+	-	-	-	+	+	+	-	+	+
123n. Everyone gathers after that	+	-	+	-	-	-	+	+	+	-	+	+
123o. Dance or ceremonials	+	-	+	-	-	-	+	+	+	-	+	+
123p. Offerings in fire	+	-	+	-	-	-	+	+	+	-	+	+
123pa. Thrown on and over house							+	+	+	-	+	.
123q. Large game property of whole camp	-	+	+	+	+	+	*	+	+	-	+	+
123r. Small game property of killer	+	+	+	+	+	+	+	+	+	+	+	+
123s. Fishing bar in stream owned by chief.	-	-	-	-	-	-	+	+	+	+	+	+
124. Sacklike nets	+	+	+	+	+	+	-	-	+	.	+	.
125. Flat nets	+	+	+	-	-	-	-	+	+	.	+	+
126. "Gill" net, set	+	-	-	-	-	-	-	-	-	.	.	.
126a. Floats above spring pole at bottom	+	-	-	-	-	-	-	-	-	-	-	-
127. Dip net on circular pole	+	-	+	+	*	.	-	*	-	+	+	+
128. Small bag net, dived with	+	-	-	-	-	-	-	-	-	.	+	+
128a. A fish caught with hand (diving).							+	+	+	+	+	+
129. All-willow, grapevine, etc., "seine," dragged.	+	-	+	.	-	-	-	-	-	+	+	+
129a. Special net for salmon	+	+	+	+	o	o	o	+	+	+	-	-
129aa. Lamprey-eel fishing	-	-	-	*	-	+	+	+	+	+	+	+
129ab. With net							+	+	+	.	.	+
129b. Brush basket	-	-	-	-	.	-	.	.	+	+	-	-
129c. Willow basket	-	-	-	-	.	-	-	-	+	+	+	+
129d. Length, in feet	-	-	-	-	.	-	-	-	6	.	.	+
129e. Balloon shape	-	-	-	-	.	-	-	-	-	+	+	+
129f. Size of mouth, in feet	-	-	-	-	-	.	-	-	3	.	1	1
129g. Tied under falls	-	-	-	-	-	.	-	-	-	+	+	+
129h. With wild-grape vines	-	-	-	-	-	.	-	-	-	+	+	+
129j. Untied and several men haul it rapidly ashore	-	-	-	-	-	.	-	-	*	+	*	+
Net appurtenances:												
131. Stone sinker	+	+	+	*	-	-	-	+	+	+	+	+
132. Perforated	+	+	+	-	-	-	-	-	.	.	-	-
133. Grooyed	+	+	+	-	-	-	-	+	.	.	+	+
134. Bone sinker	+	+	-	-	-	-	-	-	-	.	-	-
135. Net floats	+	-	+	-	-	-	-	*	*	.	-	-
136. Weir	+	+	+	-	-	+	-	+	+	+	+	+
137. Basketry fishtraps	+	-	+	-	+	+	+	+	+	+	+	+
138. Long type	+	-	+	-	+	+	+	+	+	+	-	-
139. Conical, open at apex	+	-	+	-	+	+	-	-	-	+	+	+
140. Double cone	+	-	-	-	-	-	-	-	-	.	+	.
141. Stone pens or dams	+	+	+	+	+	+	*	*	*	+	+	+
142. Stick pens	+	+	+	+	-	-	-	+	-	+	+	.
143. Maze entrance	+	+	+	-	-	-	-	+	-	.	-	-
144. Fishing scaffold	+	+	+	-	-	*	-	+	.	.	+	+
144a. Walk in river and spear							+	+	+	.	+	+
145. Covered booth for gigging	+	+	-	-	-	-	-	-	.	.	-	-
146. Fish driven and stranded	+	+	+	+	*	-	+	-	+	+	+	+
147. Harpoon (detachable point)	+	+	+	+	-	-	*	+	+	+	-	-
148. Double pointed (2 toggles).	+	+	+	+	-	-	-	+	.	.	-	-
149. Foreshafts lashed on	+	+	+	+	-	-	+	+	+	+	+	+
150. Toggle of bone	+	-	+	-	-	+	-	+	+	+	-	-
151. Pitch used in toggle	+	+	+	+	-	-	+	+	+	+	-	-
152. Fish spear (fixed point)	+	+	+	+	-	+	.	-	+	+	+	+
153. Double pointed	+	+	+	+	-	+	-	-	.	.	-	.
154. Simple pole	+	+	+	+	-	+	-	-	+	+	+	+
155. Bone point	+	-	+	-	-	+	-	-	+	+	+	+
156. Fish spear, 1 of 2 points detachable	+	+	+	-	-	-	-	-	.	-	-	-
157. Spearing (harpooning) from balsa	+	-	+	-	-	-	-	-	-	+	+	+
158. White stones on bottom	+	+	.	-	-	-	-	*	*	.	+	.
159. Angling	+	+	+	-	-	-	-	-	-	.	-	-
160. Acute-angled hook	+	+	+	-	-	-	.	-	-	.	-	-

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
212. Buckeye nuts eaten	+	+	+	*	*	*	*	*	+	*	+	+
212a. Boiled in hot water				+	+	+	+	+	+	+	+	.
212aa. Buried until sprouted	+	-	+	-	-	-	-	-	-	-	-	.
212b. Leached in fresh water	+	+	+	+	+	+	+	+	+	-	+	+
*212c. Eaten like potatoes	-	-	+	+	+	-	-	-	-	-	-	-
212d. Also made into flour	+	+	+	-	-	+	-	-	+	-	-	+
212e. Leached with boiling water	+	+	.	+	-	+	+	+	+	+	+	.
212f. Used as a drink	-	-	+	-	-	+	-	-	+	+	.	.
213. Cactus fruit eaten	+	-	+	0	0	+	0	0
215. "Sunflower" seeds eaten	+	-	+	+	*	-	0	+	+	.	+	.
216. Digging stick for roots	+	+	+	+	+	+	+	+	+	*	+	+
216a. Manzanita cider	+	+	+	+	+	+	+	+	+	*	+	+
216b. Mushroom and tree fungi	+	+	+	+	+	+	+	+	+	*	+	+
216c. Stored for winter	+	+	+	+	+	+	+	+	+	-	+	+
216d. Eaten dry, flavoring acorn soup	+	+	+	+	+	+	+	+	+	+	+	+
*216e. Preserved grasses also for this.	+	+	+	-	-	+	+	+	+	+	+	+
217. Soaproot	+	+	+	-	-	-	+	-	+	+	+	+
218. Fish poisoning (cf. 177).	+	+	+	-	+	+	-	+	+	+	+	+
219. Washing	+	+	+	+	+	+	+	+	+	+	+	+
220. Medicine (emetic or purgative).	+	-	+	-	-	-	.	-	-	-	+	+
220a. On outside of body								+	-	-	+	+
221. Root eaten	+	-	.	-	-	+	+	-	-	-	+	+
222. Green shoots eaten	+	-	+	+	+	+	+	+	.	+	+	+
223. Adhesive for coating baskets	+	+	+	+	+	+	+	+	+	-	+	+
225. Mineral salt	+	-	+	*	*	*	*	*	+	*	*	+
226. "Grass" burned for salt (cf. 245d)	+	+	+	*	*	+	-	-	+	*	+	+
227. Small mammals roasted whole	+	+	+	+	-	+	-	+	+	*	+	+
228. Pounded before cooking	+	-	+	-	*	-	-	*	+	*	+	+
229. Dried mammal meat (jerky)	+	+	+	+	+	+	+	+	+	+	+	+
230. Pulverized or pounded	+	+	+	+	+	+	+	+	+	+	-	.
231. Dried fish	+	+	+	+	+	+	+	+	+	+	+	+
232. Pulverized	+	+	+	+	+	-	+	.	.	+	-	-
232a. Fish stored in baskets with pieces of fat	+	+	+	-	.	*	-	-	-	*	-	-
232aa. With salt											+	+
232b. Meat stored in baskets with pieces of fat	+	+	+	-	-	+	-	-	-	-	-	-
232ba. With salt											+	+
232c. Kept in house for winter	+	+	-	+	-	+	+	-	+	-	+	.
232d. Buried under acorns	+	-	+	-	-	-	-	-	-	-	-	-
233. Fish cooked, boned, squeezed into balls	+	+	+	+	-	+	+	-	-	-	+	.
234. Ground bone cooked (boiled)	+	+	+	+	+	*	*	-	+	+	*	*
235. Marrow extraction	+	+	+	+	+	+	+	+	+	-	+	+
235a. Animal and fish bones pulverized and eaten	-	+	+	+	+	+	-	-	+	-	-	.
236. Earth oven	+	+	+	+	-	+	*	+	+	+	+	.
237. Vegetable food	+	+	+	+	-	+	-	+	+	+	+	.
238. Animal food	+	+	+	+	-	+	-	+	+	+	+	.
239. Leaves or grass to cover food	+	-	+	+	-	+	+	+	+	+	+	.
240. Water sprinkled into	+	+	+	+	-	+	+	+	+	+	+	.
241. Stone boiling in baskets	+	+	+	+	+	+	+	+	+	+	+	+
241a. Only steatite used	+	+	+	+	+	+	*	+	+	+	+	+
242. Stone boiling in pots	+	+	+	-	-	-	-	-	-	-	-	.
242a. Boiling, pots directly on fire	+	+	+	+	+	-	-	-	-	-	-	-
243. Blood cooked in paunch	+	+	-	+	+	+	+	+	+	-	+	+
243a. Hot food believed unhealthy	-	-	-	-	-	-	-	+	+	+	+	+
244. Parching with coals in basket	+	-	+	+	+	-	+	+	+	+	+	+
244a. Broiling over coals or in hot ashes	+	+	+	+	+	+	+	+	+	+	+	+
245. Drying of food	+	+	+	*	+	+	+	+	+	+	+	+
245a. With salt	+	+	+	+	+	+	-	-	.	-	+	+
245b. Taken in at night (cf. 246)	+	-	.	+	-	-	-	-	.	*	+	+
245d. Salt spring or marsh owned (cf. 225-226)	-	-	-	-	-	*	+	-	+	-	-	-
245e. Traded for salt	+	+	+	+	+	-	+	-	-	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
337. Each sweater has wood	*	-	+	+	+	+	+	-	*+	+	*	-
<u>Dwellings</u>												
Furnishings												
339a. Pine needles on floor	+	+	+	+	+	+	+	+	+	o	+	+
339b. Loose grass on floor or bed	+	-	+	+	+	+	+	+	+	+	+	+
339c. Leaves	+	-	+	-	+	+	+	+	+	+	+	+
339d. Tule								+	+	+	+	+
340. Mats on floor or bed	+	+	+	+	-	-	-	-	+	+	+	.
341. Whole skins for bedding	+	+	+	+	+	+	+	+	+	+	+	+
341a. Duck-feather blankets										+	+	.
342. Rabbitskin blankets for bedding	+	+	+	+	+	+	-	+	-	*+	+	+
342a. Foxskin blankets (patch quilt)									+	*+	+	+
342aa. Deerskin blankets for bedding	+	+	+	+	+	+	+	+	+	+	+	+
342c. Population shifts after a death	+	+	-	-	-	*	-	-	-	-	-	-
Arrangement in Town												
343. Scattered	+	+	+	+	+	+	+	+	+	+	+	+
348. Common shade	+	+	+	-	.	-	+	-	+	+	+	+
*348a. Separate shades (cf. 356)				+	.	-	+	+	-	-	+	+
349. Shade circular (cf. 356)	-	-	+	-	.	-	*	-	-	-	+	+
349a. Rectangular	+	+	+	+	.	-	+	+	+	+	-	-
<u>Communal Houses</u>												
350. Two or more families	+	+	+	+	+	+	+	+	+	+	+	+
351. Families related	+	+	+	+	+	+	*	+	+	+	+	+
354. Separate allotment of space	-	+	-	-	-	-	+	-	+	*	+	+
<u>Various</u>												
356. Flat shade before house (cf. 348-349a)	+	+	+	+	+	-	-	+	+	+	-	-
357. Windbreak before house	+	+	+	+	-	+	+	+	+	+	+	+
358. Flat shade for summer dwelling	+	+	+	-	+	+	+	+	+	*	+	+
359. Circular brush enclosure, roofless for summer dwelling	-	+	+	+	-	+	-	-	-	-	+	+
359a. Same, roofed							+	+	+	-	+	+
360. Conical or domed summer brush or bark house	-	+	-	-	-	-	-	-	-	-	-	-
360a. House moved after a death	-	+	+	-	*	+	+	+	+	+	+	+
360b. To escape another misfortune	+	+	+	-	+	+	+	+	+	+	+	+
360c. House burned after owner's death	+	+	+	+	+	+	+	+	+	+	+	+
<u>Dog House</u>												
361. Made for dogs	-	+	+	+	.	-	*	+	+	-	-	-
362. Conical or domed, grass covered	-	+	+	+	.	-	-	+	+	-	-	-
363. Semisubterranean, earth covered	-	-	+	-	.	-	-	-	-	-	-	-
363a. Not dug out, but earth covered								+	+	-	-	-
364. Circular ground plan	-	+	+	+	.	-	-	+	+	-	-	-
NAVIGATION												
385. Balsa	-	+	+	-	-	-	-	-	+	+	.
386. Prow curved up	-	+	-	-	-	-	-	-	+	+	.
387. Lashed together	-	+	+	-	-	-	-	-	+	+	.
388. Max. no. of passengers	-	pl	5	-	-	-	-	-	2	2	.

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
389. Log raft	+	+	+	*	-	-	+	-	*	+	+	+
389a. Pull basket across on cable above water			+	.	+	-	-	*	-	-	.	.
390. Ferriage in baskets	*	-	-	-	-	-	-	-	-	*	+	+
391. Paddles and poles	-	-	-	-	-	-	-	-	-	+	*	.
392. Single-blade 1-piece paddle	-	-	-	-	-	-	*	-	-	+	-	.
393. Poling rod	+	-	+	+	-	-	-	-	+	+	-	.
394. Single log across stream as bridge	+	+	+	+	-	+	+	+	+	+	+	+
SWIMMING												
395. Pseudo breast stroke	+	+	+	-	-	+	+	-	+	+	+	+
396. Side stroke	+	+	+	-	+	-	+	-	+	.	+	+
397. Dog fashion	+	+	+	+	+	+	+	*	-	+	+	+
398. Double overhand	-	+	+	-	-	+	-	-	+	.	-	-
399. On back, frog stroke	+	-	+	-	+	+	+	-	+	+	+	+
TOOLS, UTENSILS, TECHNOLOGICAL PROCESSES												
<u>Grinding</u>												
400. Bedrock mortar	+	+	+	+	+	+	+	+	+	+	+	+
401. Made by coyote or puma	+	+	.	+	+	.	+	-	+	-	+	+
402. Made by humans	+	+	+	-	-	.	-	+	-	-	-	-
403. Portable stone food mortar	+	+	+	+	+	+	+	+	+	+	+	+
404. Made by coyote or puma	+	+	-	+	-	.	-	-	+	-	+	+
405. Made by humans	+	+	+	-	+	.	+	+	-	-	-	-
406. Outside natural, unshaped	-	-	-	-	-	+	-	+	+	+	+	+
407. Outside ground or shaped	+	+	+	+	+	-	+	-	-	-	-	-
408. Small stone mortar for tobacco, etc.	+	+	+	+	+	+	+	+	+	+	+	+
409. Wood mortar	+	+	+	+	+	+	+	+	+	+	+	+
410. Deep	+	+	+	+	-	+	+	+	+	-	-	-
411. Shallow	+	-	+	+	*	+	-	+	+	+	+	+
412. Sunk in ground	+	+	+	+	-	-	+	+	+	-	+	+
418. Stone pestle	+	+	+	+	+	+	+	+	+	+	+	+
419. Natural, unshaped	-	-	-	-	-	+	-	+	+	+	+	+
*420. Cylindrical	+	+	+	+	+	+	+	+	+	+	+	+
*421. Tapering	+	+	+	+	+	+	+	+	+	+	+	+
422. Long, slender, for deep wood mortar	+	+	+	+	.	-	+	+	+	-	-	-
423. Metates or grinding slabs	+	+	+	+	+	+	*	+	+	-	+	+
424. Natural shape of rock	-	-	+	+	+	+	-	+	+	-	+	+
425. Squared	+	+	-	-	-	-	-	-	-	-	-	-
426. Used on both sides	+	+	-	-	-	-	-	-	-	-	+	+
428. Mullers	+	+	+	+	+	+	+	+	+	-	+	+
429. Oval or natural	+	+	+	+	+	+	+	+	+	-	+	+
431. Back-and-forth motion	-	+	+	+	+	+	+	+	+	-	+	+
432. Round or elliptical motion	+	+	+	+	+	+	+	+	+	-	+	+
<u>Brushes</u>												
433. Soaproot	+	+	+	+	+	+	+	+	+	+	+	+
433a. Leaves glued to stick with pitch	+	-	+	-	+	-	-	-	-	-	-	-
435. For mealing	+	+	+	+	+	+	+	+	+	+	+	+
435a. Wing of bird										+	+	.
436. Pine burr for hair	+	-	.	-	.	-	-	-	-	-	+	+
437a. Straight twigs	+	-	+	+	.	-	-	-	-	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
<u>Stirrers and Stone Lifters</u>												
438. Paddle	-	-	-	-	-	-	-	-	-	+	+	+
439. Looped-stick food stirrer (oak)	+	+	+	+	+	+	+	+	+	-	-	-
440. For lifting stones out of basket	+	+	+	+	+	+	+	+	+	-	-	-
441. 2 sticks to lift stone out of fire	+	+	+	+	+	+	+	+	+	+	+	+
<u>Spoons</u>												
442. Shell, natural	-	-	+	-	-	+	+	+	+	+	+	+
443. Rabbit or squirrel-foot swab	+	.	+	-	-	-	-	-	-	-	-	-
<u>Receptacles</u>												
Wood												
444. Wood platter for meat	+	.	+	-	+	-	.	-	-	-	+	+
445. Bark platter for meat	+	.	+	+	+	-	.	-	-	-	-	.
446. Wood bowls	+	+	+	+	-	-	.	-	-	-	+	.
446a. Spoons	-	+	+	-	-	-	.	-	-	-	+	+
Steatite												
447. Shallow dishes	+	-	+	+	+	-	-	+	+	-	+	+
448. "Handled" shallow dish	+	-	+	+	-	-	-	-	.	-	+	.
449. Open cooking vessel	+	+	+	+	+	-	-	+	.	-	+	+
450. Flat bottom	+	+	-	+	+	-	-	+	.	-	+	+
451. Rounded bottom	+	+	+	-	-	-	-	-	.	-	-	-
452. Placed directly over fire	+	+	+	+	+	-	-	+	+	-	+	+
452a. Fired to harden	+	-	+	+	+	-	-	+	+	-	+	+
<u>Knives</u>												
453. Flint	+	+	+	+	+	+	-	+	+	+	+	+
454. Horn handle	+	+	+	+	-	-	-	-	-	-	-	-
454a. Bone handle	+	+	+	-	-	-	-	-	-	-	-	-
455. Wood handle	-	-	+	+	-	-	-	-	-	-	-	-
456. Buckskin wrapped	+	+	+	-	-	-	-	+	+	-	+	+
457. For butchering	+	+	+	+	+	+	+	+	+	+	+	+
458. Cane, for butchering	-	+	-	-	-	-	-	-	-	-	-	-
459. Shell	+	-	+	-	-	+	-	-	-	-	+	.
459a. Quartz	+	-	+	-	-	.	+	-	+	-	+	.
<u>Awls and Needles</u>												
460. Bone awl	+	+	+	+	+	+	+	+	+	+	+	+
461. Deer cannon	+	+	+	+	+	+	+	+	+	+	+	+
462. Deer ulna	+	+	+	+	+	+	+	+	+	+	+	+
463. Cactus-spine awl	+	-	+	-	-	-	-	-	-	-	-	-
464. Awl handles wrapped (buckskin, sinew, or cord)	+	+	+	-	+	-	+	+	+	-	+	+
466. Awl handle covered with pine pitch	+	-	+	-	.	-	-	+	+	-	-	-
467. Needle (with eye)	+	+	+	-	-	-	-	-	-	*	-	-
468. Bone	+	+	+	-	-	-	-	-	-	+	-	-
469. Wood	+	+	+	-	-	-	-	-	-	+	-	-
<u>Drilling</u>												
470. With bone awl in fingers	+	+	+	+	+	+	+	+	+	+	+	+
471. With tiny flint held in fingers with buckskin.	+	+	+	-	+	+	-	+	+	+	+	+
472. Composite drill, shaft and point	+	+	+	-	-	+	-	-	+	-	.	.

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
473. Stone point	+	-	+	-	-	+	-	-	+	-	.	.
474. Bone point	+	+	+	-	-	+	-	-	+	-	.	.
475. Rotated with both hands opposed	+	+	+	-	-	+	-	-	+	+	.	.
476. Rotated between hand and thigh	+	-	+	-	-	+	-	-	+	-	.	.
477. "Vise" for drilling	+	-	+	-	-	+	-	-	-	-	.	.
478. One hand	+	-	+	-	-	-	-	-	-	-	.	.
479. Knees	+	-	+	-	-	-	-	-	+	-	.	.
480. Toes	+	-	+	-	-	-	-	-	+	-	.	.
482. Perforated (doughnut) stone	+	+	+	-	-	-	-	-	+	-	.	.
<u>Mauls</u>												
483. Natural cobble	+	+	+	+	+	+	+	+	+	+	+	+
483a. Crudely polished mace	+	-	+	-	+	-	+	-	-	-	-	.
483b. Willow handle	+	-	+	-	-	-	-	-	-	-	-	.
484. Wooden club for pounding	+	+	+	+	-	-	-	-	+	+	+	+
485. Shaped	+	+	+	+	-	-	-	-	+	+	+	+
<u>Flint Flaking</u>												
486. Retouching by pressure	+	+	*	+	*	+	+	+	+	-	+	+
487. Antler flaker	+	+	+	+	+	+	+	+	+	-	+	+
489. Retouching by percussion	+	+	+	-	-	-	-	-	-	+	-	-
<u>Fire Making</u>												
490. Drill, hand-rotated	+	+	+	+	+	+	+	+	+	+	+	+
491. 1-piece	+	+	+	-	1	+	+	+	+	+	+	+
494. Percussion	+	-	+	+	+	-	+	-	+	-	+	.
<u>Skin Dressing</u>												
496. Ashes to aid in dehairing	+	+	+	*	.	-	-	-	+	+	+	.
497. Flesher of bone (usually deer)	+	+	+	+	+	+	+	+	+	-	+	+
498. Rib	+	+	+	+	-	+	+	+	+	-	+	.
500. Ulna	+	-	+	-	+	+	+	+	+	-	+	.
500a. Flesher of rock										+	+	+
501. Brains applied to hide	+	+	+	+	+	+	+	+	+	+	+	+
502. Blunt rubbing post	+	+	+	+	+	+	+	+	+	+	+	+
503. Rubbing with stone or stick	+	+	+	+	+	+	+	+	+	+	+	+
504. Skin smoked or "roasted"	-	-	+	-	-	-	-	*	+	+	-	.
*504a. In sun				+	+	-	+	+	+	+	-	.
505. Dressing done by men	+	+	+	+	+	+	+	+	+	+	+	+
WEAPONS												
<u>Bows</u>												
507. Self bow	+	+	+	+	+	+	-	-	+	-	-	-
507a. War bow	-	-	-	+	-	-	-	-	+	+	+	+
507b. Hunting bow	+	+	+	+	+	+	+	+	+	+	+	+
508. Sinew-backed	+	+	+	-	+	+	+	+	+	+	+	+
509. Made locally	+	+	+	+	*	+	+	+	+	-	+	+
510. Ends recurved	+	+	+	-	+	+	+	+	+	+	+	+
511. Of juniper	-	-	+	*
511a. Cedar	+	+	-	.	*	+	+	+	+	.	-	.
511b. Ash									+	.	.	.
512. Oak	+	-	+	.	+	-	-	-	+	.	.	.
512a. Pepperwood	+	+	*	.	+	-	-	-	+	.	*	.

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
<u>Coiffure</u>												
614. Part in middle	+	+	+	+	+	+	+	+	+	+	+	+
614a. Part painted red	+	-	+	-	-	-	-	-	-	-	+	.
615. One tie at back of neck	*	+	+	+	+	+	+	+	+	-	+	+
616. Knotted (done up) in back or on top of head.	+	-	.	+	-	+	+	+	+	-	+	+
617. Braided	+	+	.	+	-	-	+	-	+	+	.	+
618. 1 down back	+	+	.	-	-	-	+	-	-	-	*	+
619. 2 down back	+	+	.	+	-	-	-	-	+	+	+	+
620. 2 in front of shoulders	+	+	.	-	-	-	-	-	-	-	+	+
<u>Various</u>												
621. Mud or clay applied to head	-	-	-	-	-	-	+	+	-	-	+	+
621a. Soaproot	+	+	+	+	+	+	+	+	+	+	+	+
622. Nettle roots to wash head	-	-	.	-	-	+	+
622a. Deer-bone marrow				+	+	+	+	+	+	+	+	+
623. Hair greased with animal fat	+	+	+	+	+	+	+	+	+	*	+	+
623a. Acorn oil									+	-	+	+
<u>Mutilations</u>												
624. Ear lobe bored	+	+	+	+	+	+	+	+	+	+	+	+
625. Nasal septum bored	+	+	+	+	+	+	+	+	+	+	+	+
626. Intentional head deformation or shaping	-	-	+	+	+	+	+	+	+	+	+	+
627. Fronto-occipital flattening	-	-	-	+	-	-	-	+	+	+	+	+
628. Shaping toward "normal"	-	-	+	-	+	+	+	-	-	-	-	-
629. Tattoeing	+	+	+	+	+	+	+	+	+	*	+	+
629a. Puncture with bunch of pine needles	+	+	+	-	.	-	.	.	+	-	-	-
629aa. With bone, stone, or obsidian.				+	+	+	.	.	+	-	+	+
629c. Coloring of charcoal (manzanita).				+	+	+	+	+	.	-	*	*
630. Chin, vertical lines	+	+	+	+	+	+	+	+	+	-	+	+
631. Cheeks, horizontal or radiating across.	+	+	+	+	+	-	-	+	+	-	+	+
632. Forehead, vertical lines	+	+	+	+	+	-	-	+	+	-	+	+
633. Arms	+	+	+	+	+	-	-	+	+	-	+	+
634. Legs	+	+	+	+	+	-	-	+	+	-	+	+
635. Chest	+	+	+	+	+	+	+	+	+	-	+	+
635a. Women on vulva	+	.	.	.	+	-	.	-		-	+	+
<u>Powder</u>												
636. Acorn meal ground fine				+	*	-	-	-	*	*	+	+
636a. Powdered steatite to prevent chafing	+	+	+	-	-	+	+	-	+	-	+	.
636b. Oak balls	+	+	+	-	.	-	-	-	-	-	-	-
<u>Clothing</u>												
<u>Headgear</u>												
637. Basketry cap (technique under 833-834)	+	-	+	-	-	-	-	-	-	-	*	+
638. For carrying only	-	+	+	-	+	-	-	-	-	*	+	+
639. Cap of animal fur (e.g., raccoon, weasel, or fox)	+	-	+	-	-	-	-	-	+	-	-	.
640. Cap of buckskin	+	-	+	-	+	-	-	-	-	-	+	+
<u>Robes and Capes (over shoulders)</u>												
641. Hide, hair on	+	+	+	+	+	+	+	+	+	*	+	+
642. Wildcat skins	+	+	+	+	+	+	-	+	+	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
696. Leather (hide) sandal	+	-	+	-	.	-	-	-	-	-	+	.
697. Buckskin moccasins made by women	+	-	+	-	-	-	+	+	.	-	-	-
698. Buckskin moccasins made by men	+	+	+	+	+	+	+	+	+	-	+	+
699. Snowshoes	-	+	.	-	-	+	+	+	+	-	+	+
699a. Bent willow or hazel	-	+	.	-	-	+	+	+	+	-	+	+
700. Circular type	-	+	.	-	-	+	+	+	*	-	+	+
701. Lashings of thongs	-	+	.	-	-	+	+	+	+	-	+	+
701a. Netting	-	+	.	-	-	+	+	+	+	-	+	+
702. Lashings of vegetable-fiber string	-	+	.	-	-	+	-	+	+	-	+	.
702a. Feet lashed tight, no heel play	-	+	.	-	-	+	-	+	+	-	+	+
702aa. Heel play									+	-	-	-
702b. Used for making trails around village (wood)	-	-	.	-	-	+	+	+	+	-	+	+
702c. Used for hunting							+	+	+	-	+	+
705. Fur (e.g., bear) snowshoe	-	-	.	-	-	-	-	+	+	-	+	+
<u>Adornment and Ceremonial Dress</u>												
Feather Regalia												
*706. Eagle-down-robe crown	+	+	+	+	-	+	+	+	*	*	+	+
*707. Down-feather strings or ropes	+	+	+	+	+	+	+	+	+	+	+	+
*708. In hair or to tie hair	+	+	+	+	+	+	-	+	+	+	+	+
*709. Around arms	+	+	+	+	-	.	-	+	-	-	-	-
*710. Around legs	+	+	+	+	-	-	-	+	-	-	-	-
*711. Around neck	+	+	+	+	+	-	-	+	+	-	-	-
*712. Held in hands	+	+	+	+	+	+	-	+	+	*	+	+
713. Eagle feather or down-robe skirt	+	+	+	+	+	+		+	-	+	*	-
713a. 1 white feather behind each ear					+			+	-	-	-	-
*714. Yokuts djuj	+	+	.	+	+	+	+	+	+	+	.	.
714a. Erect feathers eagle	+	+	+	+	+	+	+	+	+	+	-	-
715. Erect feathers magpie	+	-	.	-	*	.	.	+	+	+	+	+
716. Erect feathers road runner	+	+	+	+	*	.	.	+	-	-	.	.
717. Base feathers crow	+	o	+	-	.	o	o	o	.	.	o	o
718. Feather garment on net foundation	+	+	+	+	+	-	+	+	.	*	+	+
719. Short type	-	+	+	+	+	-	-	-	.	-	-	-
720. Full length, neck to ankles	+	-	-	-	-	-	-	-	.	-	+	+
720a. Waist to ankles								+	+	-	-	-
721. Yellowhammer (flicker) quill band	+	+	+	+	+	+	+	+	+	+	+	+
722. Feather tips at intervals	+	+	+	+	*	+	+	+	+	+	+	+
723. Feathers solid, edge trimmed	+	-	+	-	.	+	+	+	+	-	+	+
724. Feathers solid, untrimmed	-	+	+	+	.	+	+	+	+	+	+	+
725. Worn across forehead	+	+	+	+	+	+	+	+	+	+	+	+
726. Worn down back	+	+	+	-	+	-	*	+	-	+	-	-
727. Worn as belt	-	-	+	-	+	+	-	+	-	-	-	-
728. Worn as bandolier	+	+	+	-	-	+	*	+	+	+	-	-
729. Worn as arm bands	+	-	-	-	-	-	-	+	+	-	-	-
730. Mallard drake green belt	+	+	.	+	*	*	-	+	.	+	-	-
731. Woodpecker scalps on band	+	+	+	*	*	+	-	-	+	+	+	+
732. Belt	+	+	+	-	-	+	-	-	+	+	+	+
733. Headband	+	+	+	-	-	+	-	-	+	.	-	-
734. Glued on buckskin	+	+	+	-	-	+	-	-	+	+	+	+
735. Sewed on woven vegetable fiber	+	+	+	-	-	+	-	-	-	-	-	-
736. Single row	+	+	+	-	-	+	-	-	+	+	-	-
736a. Double row											+	+
737. Feather forks and darts	+	+	+	-	-	+	-	-	+	+	+	+
738. Yellowhammer-quill attachment	+	+	+	-	-	+	-	-	+	-	+	+
738a. Hand-held bunches of feathers	+	-	+	+	-	+	-	+	-	+	+	+
738b. Hand-held bunches of feathers on stick									+	.	+	.

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
Fur Regalia												
739. Mustela (weasel, mink) fur	+	+	+	+	.	-	-	+	+	.	-	-
740. Worn on head or neck	+	+	+	+	.	-	-	+	+	.	-	-
741. Worn on arms	+	-	+	-	-	-	-	-	-	.	-	-
742. Worn on legs	+	-	+	-	-	-	-	-	-	.	-	-
Ear Ornaments (See 761)												
743. Wooden ear stick	+	-	+	*	*	+	*	+	+	+	+	+
743a. Ceremony when ear pierced	+	-	+	-	-	-	-	-	-	-	*	.
743b. Only dancers' ears pierced	-	.	-	-	-	-	-	-	-	+	+
743c. After learning to dance	-	.	-	-	-	-	-	-	-	+	+
743d. Same sex do piercing	+	+	+	+	+	-	-	*	+	+	+
743da. Women do it	+	+	+	+	+	-	-	-	+	-	-
743e. Holes gradually made larger	-	-	+	+	+	-	-	-	-	-	+	+
744. Painted	+	-	+	-	-	-	-	+	-	-	+	+
745. Feather ornamented	+	+	+	*	*	+	+	+	+	.	+	+
746. Bead ornamented	+	+	+	+	+	+	+	+	+	.	+	+
747. Bone ear tube, hollow	+	+	+	-	-	+	+	+	+	-	+	+
747a. Decorated with feathers	+	+	+	-	-	-	+	+	+	-	+	+
748. Shell cylinder or columella	+	+	+	-	-	-	+	+	+	-	+	+
749. Haliotis pendants	+	+	-	+	+	+	-	+	+	-	+	+
750. Cane or cane pipe	+	-	+	-	-	-	-	-	-	.	-	-
751. Feathers alone	+	+	+	-	-	+	-	+	.	*	*	.
Nose Ornaments												
752. Shell cylinder or columella	+	+	+	-	-	-	-	+	.	*	+	+
752a. Tearing out is an insult	-	+	+	.	-	-	.	.	*	.	.
752b. Wives punish husbands that way	-	+	+	.	-	-	.	.	*	.	.
753. Bone	+	+	+	+	+	+	+	+	+	-	+	+
754. Hollow (bird)	+	-	+	-	-	+	+	+	+	-	+	+
755. Solid, bipointed (mammal)	-	+	+	+	+	-	+	+	-	-	+	.
756. Cane or cane tube	+	-	+	-	-	-	-	-	-	-	-	-
757. Wood	+	-	+	-	-	+	+	+	+	-	+	+
758. Feather alone	+	-	+	-	-	-	-	+	-	-	*	+
Beads												
759. Shell beads, strung	+	+	+	+	+	+	+	+	+	+	+	+
760. In hair or to tie hair	+	+	+	-	-	+	-	+	+	+	+	+
761. Small strings in ears	+	+	+	-	-	+	+	+	+	-	+	+
761a. Necklace	+	+	+	+	+	+	+	+	+	+	+	+
762. Belt	+	+	+	+	-	+	-	+	+	+	+	+
Claws and Hoofs												
764. Claws around neck	+	+	+	+	+	-	-	+	-	-	+	+
765. Bear	+	+	+	+	+	-	-	-	-	-	+	+
766. Eagle	+	+	+	*	+	-	-	+	-	-	+	+
767. Deer-hoof necklace	+	+	+	-	+	-	-	-	-	-	+	.
Paint												
769. Red spruce fungus	+	+	.	-	.	.	-	.	-	-	-	-
770. Red mineral, from ground	+	+	+	+	+	+	+	-	*	+	+	+
771. Red mineral, scum off pools	+	+	.	-	-	.	-	-	-	-	-	-
772. Blue mineral	-	+	+	-	-	-	-	-	-	.	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
773. White mineral	+	+	+	+	+	+	+	+	+	+	+	+
774. Yellow mineral	+	+	+	-	-	-	-	-	-	-	+	+
775. Black mineral	+	+	+	+	+	+	-	+	-	+	+	+
776. Charcoal for black	+	+	+	-	-	+	+	+	+	+	+	+
778. Grease or marrow mixed with pigments	+	+	+	*	*	-	.	-	+	-	+	+
778a. Water mixed with pigments						+	+	+	-	+	-	-
779. Applied to face	+	+	+	+	+	+	+	+	+	+	+	+
780. Applied to body	+	+	+	-	+	+	+	+	+	+	+	+
781. According to inherited totem or guardian spirit	+	+	-	-	.	-	+	.	-	+	+
782. Applied by fingers	-	+	+	+	+	+	+	+	+	+	+	+
783. Applied by stick	+	+	.	-	-	+	-	-	-	-	-	-
784. Grease on face	+	+	+	-	-	-	+	-	+	-	+	+
785. Applied as paint base	+	+	+	-	-	-	-	-	-	-	+	+
786. Applied alone as cosmetic	+	+	+	-	-	-	+	+	+	-	+	+
Various												
787. Wood hairpins	+	+	+	-	-	+	+	-	+	-	+	+
788. Bone hairpins	+	+	+	-	-	-	-	-	.	-	+	+
789. Bird, hollow	+	+	+	-	-	-	-	-	.	-	-	.
790. Mammal, solid	+	+	+	+	-	-	-	-	.	-	+	+
791. Head net	+	+	+	-	-	-	-	-	-	-	+	.
792. Down filled	+	+	+	-	-	-	-	-	-	-	+	.
793. Headdress of human hair	+	.	-	-	-	-	-	-	-	+	.
794. Flowers in hair or ear	-	-	+	+	+	+	*	-	.	+	.	.
794a. Haliotis pendants	+	-	+	*	*	-
794b. As charm against rattlesnake	+	-	.	-	+	*	-	-
794c. Banjo shaped	+	-	+	-	-	-	-	-
794d. Carried snake weed (root)									*	+	+	+
CARRYING												
795. Pack strap woven	+	+	+	+	+	-	-	-	-	*	+	+
795a. Netted over forehead	*	*	+	-	-	-	-	-	-	-	-	.
796. Twined	+	+	+	+	-	-	-	-	-	-	-	.
797. Checker	+	+	+	-	+	-	-	-	-	-	+	+
798. Sewn	+	+	+	-	-	-	-	-	-	-	-	.
799. 2-ply warp	+	+	-	+	+	-	-	-	-	-	-	.
800. Pack strap braided, 3-ply	+	-	+	-	-	-	-	-	-	-	-	-
801. Pack strap twisted (rope), 3-ply	+	-	+	-	-	-	-	-	-	-	-	-
801a. Pack strap vegetable fiber	+	+	+	+	*	-	-	-	-	-	+	+
802. Pack strap buckskin	+	.	+	-	+	+	+	+	+	-	+	+
803. Pack strap worn across head by women	+	+	+	+	+	+	+	+	+	-	+	+
803a. Across breast	+	+	+	-	+	+	+	+	+	-	+	+
804. Across shoulder, chest by men	+	+	+	+	*	+	+	+	+	-	+	+
805. Across forehead											+	+
806. Large back net, "hammock"	+	+	+	+	+	-	-	-	-	-	-	-
808. Cased skin bag (not quiver).	+	+	+	-	+	+	-	+	-	-	-	-
809. Deerskin	+	+	+	-	+	+	-	+	-	-	-	-
810. Head carrying, by women	+	+	+	+	+	+	+	+	+	*	+	+
811. Grass, tule, bark, etc., ring	+	-	+	-	+	-	-	-	+	-	-	.
811a. Buckskin ring											+	.
812. For liquids mainly	+	+	-	*	+	+	+	+	+	-	-	-
812a. Wood, acorns, etc. also					*		*				+	+
813. Litter for dead, ladder-like	+	+	+	.	-	+	*	+	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M7	M8	M9
880. Bottom covered.	+	+	+	+	+	+	+	+	+	+	-	+	+
881. Coated with soaproot	+	+	+	+	.	+	.	-	+	-	-	+	+
882. Berrying basket	+	+	+	+	+	+	+	+	+	+	+	+	+
883. Plain twined	+	+	+	+	+	+	+	+	+	+	+	+	+
<u>Miscellaneous</u>													
885. Small globular basket	+	+	+	+	+	+	+	+	+	+	+	+	+
886. Geometric designs	+	+	+	+	+	+	+	+	+	+	+	+	+
887. Banded woven ornament	+	.	.	-	.	.	-	-	-	-	-	-	-
888. 3 colors (2 in pattern).	+	+	+	+	+	+	+	+	+	-	-	-	-
888a. Only black pattern										+	+	+	+
889. Patterns painted on	+	+	+	+	+	-	-	-	-	-	-	-	-
890. Twined tule bags	+	.	+	+	-	-	-	-	-	+	-	+	.
<u>Plants Used in Basketry</u>													
890a. "Tule" leaves	+	-	+	+	-	-	-	+	-	+	-	+	.
890b. Bunch grass (<i>Epicampes rigens</i>)	+	+	+	+	+	-	-	+	+	-	-	-	-
890c. Redbud (<i>Cercis occidentalis</i>)	+	+	+	+	+	-	+	+	.	-	0	-	-
890d. Bark	+	+	+	+	+	+	+	+	.	-		-	-
890e. Whole stem	+	+	+	-	+	+	+	+	.	-		-	-
890ea. Pine						+	+	+	.	-	+	+	+
890f. Willow (<i>Salix</i>)	+	+	+	+	+	+	+	+	-	+	+	+	+
890fa. Maple									+	-	-	+	+
890g. Whole stem of willow	+	+	+	-	-	+	+	+	-	+	+	+	+
890h. Split stem	+	+	+	-	+	+	+	+	-	+	+	+	+
890i. Root	+	+	.	+	+	+	-	-	-	-	-	-	-
890j. Bark	+	+	+	+	+	-	-	-	-	-	-	+	.
890k. Fern roots	+	+	+	+	+	-	.	+	+	+	+	+	+
<u>WEAVING AND NETTING</u>													
891. Rabbit skin blankets	+	+	+	+	+	*	+	-	+	*	*	+	+
892. Warp 1-ply, of skin	-	-	-	+	-	-	-	-	-	.	.	+	+
893. String twisted in warp	+	-	+	-	-	-	-	-	-	.	.	+	-
894. Warp 2-ply, of skin	+	+	+	-	+	-	-	-	-	.	.	-	-
895. Wefts of skin	+	-	-	-	-	-	-	-	-	.	.	+	-
896. Wefts of string	+	+	+	+	+	-	-	-	-	.	.	-	-
896a. Wefts of buckskin												+	+
897. Stick to twist skins	+	+	+	+	+	-	-	-	-	.	.	+	+
898. Perforated	+	-	-	+	-	-	-	-	-	.	.	-	-
899. Split	+	-	+	-	-	-	-	-	-	.	.	-	-
900. Hooked or notched	+	+	+	-	+	-	-	-	-	.	.	-	-
900a. Straight												*	+
902. Frame horizontal	-	-	-	+	+	-	-	-	-	.	.	+	-
903. Frame vertical	+	+	+	-	-	-	-	-	-	.	.	-	+
906. Checker weaving	+	-	-	-	-	-	-	-	-	.	.	-	+
907. Twined	+	+	+	-	+	-	-	-	-	.	.	+	-
908. Sewed	+	+	+	-	-	-	+	+	-	.	.	-	-
909. Made by men	+	-	-	+	-	-	-	-	-	.	.	+	+
910. Made by women	-	+	+	-	+	+	-	+	-	.	.	-	-
912. Blankets of shredded vegetable fiber	-	.	+	-	-	-	-	-	-	.	.	.	+
913. Mats of tule, whole stems	+	-	+	+	-	-	-	-	-	+	-	+	+
914. Twined	+	-	+	-	-	-	-	-	-
915. Sewn, whole stems pierced	-	-	+	-	-	-	-	-	-	+	-	.	.

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M7	M8	M9
CRADLES													
916. Lying type	+	+	+	+	+	+	+	+	+	*	+	+	+
918. Soft tule bed on frame	+	-	-	-	-	-	-	-	-	-	-	-	-
919. Soft tule bed, separate	+	-	-	-	-	-	-	-	-	-	-	-	-
920. Basketry, double warps	+	+	+	+	+	+	+	+	+	+	+	+	+
920a. Basketry, vertical warps	+	+	+	+	+	+	+	+	+	+	+	+	+
921. Hood	+	+	+	+	+	+	+	+	+	*	+	+	+
922. Basketry	+	+	+	+	+	+	+	+	+	+	+	+	+
923. Twined	+	+	+	+	+	+	+	+	+	+	+	+	+
924. Parallel warp	+	+	+	+	+	+	+	+	+	+	+	+	+
925. Vertical warp	+	+	+	+	+	+	+	+	+	+	+	+	+
926. Hoop or frame	+	+	+	+	+	+	+	+	+	+	+	+	+
927. Pendants	+	+	+	+	+	+	+	+	+	+	-	+	+
928. Lashing, buckskin	+	+	+	+	+	+	+	+	+	+	+	+	+
929. Vegetable fiber	+	+	+	+	+	+	+	-	+	+	-	-	-
930. Woven	+	+	+	+	.	-	-	-	-	-	-	-	-
931. Cradle strap across mother's breast	+	+	+	-	-	-	+	+	+	+	-	+	+
932. Across mother's forehead	+	+	+	+	+	+	+	+	+	+	+	+	+
933. Sex of child indicated	+	+	+	+	+	+	+	+	.	.	-	+	.
934. By hood design	+	+	+	+	+	-	+	+	.	.	-	+	.
935. By bed design	+	+	+	-	+	+	+	+	.	-	.	+	.
935a. Buckskin covering	+	.	+	+	-	+	+	+	+	+	+	+	+
CORDAGE													
936. Milkweed (Asclepias)	+	+	+	+	+	.	+	+	+	-	+	+	+
938. Number of ply, 2	+	+	+	+	+	+	+	+	+	+	+	+	+
938a. Number of ply, 3	-	-	+	-	-	-	-	+	+	-	-	-	-
939. Rolled on thigh, by hand	+	+	+	+	+	+	+	+	+	+	+	+	+
940. Stick for twisting	+	+	+	-	+	+	-	-	+	-	+	+	+
941. Perforated	+	-	+	-	-	-	-	-	+	-	-	-	-
942. Notched	+	+	+	-	-	+	-	-	+	-	-	-	-
943. Made by men	+	+	+	+	+	+	+	+	+	+	+	+	+
945. Braided rope	+	+	+	-	-	+	-	-	+	.	l	+	+
946. Ropes or withes of grapevine, willow, etc.	+	.	+	+	+	*	*	+	+	+	+	+	+
947. Coated	+	.	+	-	-	-	-	-	.	-	-	-	-
948. Asphalt	-	.	.	-	-	-	-	-	.	-	-	-	-
948a. Soaproot	+	-	-	.	-	-	-	-
948b. Pitch	+	.	+	-	-	-	-	-	.	-	-	-	-
*949. POTTERY													
GAMES													
966. Intervillage games for gambling	+	+	+	+	+	+	+	+	+	*	+	+	+
966a. Played after larger dances	+	+	+	+	*	+	*	+	+	+	+	+	+
966b. Betting in hands of specified men	+	+	+	+	+	+	*	+	+	+	+	+	+
966c. Medicine to help players	+	+	+	+	+	+	+	+	+	+	+	+	+
966d. Makes opponent sleepy	+	+	+	+	+	+	+	+	+	+	+	+	+
966e. Cheating common	+	+	+	*	-	+	-	+	+	-	-	-	-
966f. Cheaters brag	+	+	+	+	-	+	-	-	-	-	-	-	-
966g. Restitution if discovered	-	-	+	-	+	-	-	+	+	+	+	+	+
966h. Substitution of unmarked bones	+	.	+	-	+	+	-	+	+	+	-	-	-
966i. Man and wife on opposite sides	+	+	+	+	-	+	+	+	-	+	+	+	+
966j. Men play	+	+	+	+	+	+	*	+	+	+	+	+	+
967. Women play	+	+	+	+	+	+	+	*	+	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M7	M8	M9
<u>General Features of Athletic Games</u>													
968a. Win at both ends of a course								+	+	+	+	+	
969. Along a course and return	+	+	+	+	+	+	-	-	-	.	+	-	-
970. Puck is wooden ball	+	+	+	+	+	-	-	-	-	.	+	+	+
970a. Tule ball	-	-	-	-	-	-	-	-	-	.	+	+	+
971. Stuffed buckskin ball	+	+	+	-	-	+	-	+	+	+	+	+	+
972. Hoop	+	-	+	+	.	-	-	+	-	.	+	+	+
973. Stick	+	+	+	+	.	+	-	+	-	.	+	+	+
*973a. Throw long stick with string (amentum)	-	.	+	+	+	+	-	+	-	.	.	+	+
974. Propulsion: with curved stick	+	+	+	+	+	-	-	-	-	.	+	+	-
975. With straight stick	-	-	-	-	-	-	-	+	-	.	-	-	+
975a. Flat on end												+	+
976. With feet	+	-	-	-	-	+	-	+	+	+	+	+	+
978. Hole for goal	+	+	+	+	+	-	-	-	-	-	+	*	+
978a. Stake for goal	+	+	+	-	-	-	-	-	-	.	-	-	.
979. Stake at far end of course	+	+	+	-	-	-	-	-	-	.	-	-	.
979a. Home man catches on stick	+	+	+	.	-	-	-	-	-	-	-	-	.
980. Paired posts at course end for goal	+	+	-	-	+	-	+	+	+	+	+	+	.
981. Bent-over poles for goal	+	-	-	+	.	+	+	-	-	-	-	-	.
982. Speed wins	+	+	+	+	+	+	+	+	+	+	+	+	.
*984. Number of sides	24	.	2	2	2	2	2	2	2	2	2	2	2
986. Sides villages	+	+	+	+	+	+	+	+	+	+	+	+	+
<u>Ball Race</u>													
986a. Intervillage	+	+	+	*	+	+	+	+	+	-	+	+	+
986b. 1 goal	+	+	+	+	-	-	*	-	-	-	-	-	-
986ba. 2 goals					+	+	+	+	+	+	+	+	+
986c. 2 upright posts	+	+	+	+	+	-	+	+	+	+	+	+	+
986ca. Arched together							+	+	-	-	-	-	-
986d. Rabbit-fur ball	+	+	+	-	-	-	-	-	-	-	-	-	-
986e. Ball of soft grass wrapped with string	+	+	+	-	+	-	-	-	-	+	+	+	+
986f. Buckskin cover on ball	+	+	+	*	*	+	+	+	+	+	+	+	+
986g. Each side has ball	+	+	+	*	+	+	+	+	+	+	+	+	+
986h. Ball made by man of good luck	-	-	+	.	+	+	-	+	+	+	+	+	+
986i. Players talk to ball	-	-	+	-	+	-	-	+	+	.	+	+	+
986j. No. of players on a side	*4+	+	*3+	+	+	+	pl	8	pl	pl	pl	12	12
986k. Ball kicked	+	+	+	+	+	+	+	+	+	+	+	+	+
986kk. Ball pushed with stick	-	-	+	-	+	-	-	+	-	-	-	+	+
986m. Handling ball forbidden	+	+	+	+	+	+	+	+	+	+	+	+	+
986n. Molesting opponent's ball forbidden	+	+	-	-	+	+	+	+	+	+	+	+	+
986o. Bets put at betting post	+	+	+	-	-	.	-	-	-	*	+	+	+
986oa. On ground in piles							+	+		+	+	-	-
986ob. In baskets				+	+	.	+	+	+	-	+	+	+
986p. Play morning after dance	+	+	+	+	+	-	-	-	+	+	+	+	+
986pa. Play any time during day						+	-	-	-	+	+	+	+
986s. Speakers review rules of game	+	+	+	-	-	-	-	+	+	+	+	+	+
986t. Variant played between men and women	+	+	.	+	.	+	+	-	+	+	+	+	+
986u. 2 goals	+	+	.	-	.	+	+	-	+	+	+	+	+
986v. 1 ball	+	+	.	+	.	+	+	-	+	+	+	+	+
986w. Women use hand also	-	.	.	-	.	+	+	-	*	*	+	+	+
986wa. Women use basket also											+	+	+
986x. Men only use feet	+	+	.	-	.	-	+	-	+	+	+	+	+
<u>Shinny</u>													
987. Men play	+	+	+	+	.	-	-	+	+	.		+	+
988. Women play	+	+	+	+	.	-	.	+	+	.		-	-
989. Puck, wood ball	+	+	+	+	.	-	.	-	.	.		+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1105a. Played on blanket, or mat			+	+	+							
<u>Dice, Disk Type</u>												
1106. Men play	+	+	+	+	+	+	+	-	+	.	+	+
1107. Women play	+	+	+	-	+	+	+	+	+	.	+	+
1109. No. of dice					6	5	.	.	.	.	4	.
1109a. Split acorn kernels, or shells	+	.	+	+	+	+	+	+	+	.	+	+
1110. Shell and pitch inlay	+	+	+	+	.	-	-	.	+	.	-	-
1111. Half walnuts	+	+	+	+	.	-	-	.	-	.	.	.
1112. Asphalt filled	-	-	+	-	.	-	-	-	-	.	-	.
1113. Pitch filled	+	+	+	+	.	-	-	.	.	.	+	+
1114. Shell inlay	+	+	+	+	.	-	-	.	.	.	-	-
1115. Wooden hemispheres	+	-	+	-	-	-	-	-	-	-	-	.
1116. Pottery hemispheres	-	-	+	-	-	-	-	-	-	-	-	.
1117. Painted on flat side or inside	+	.	+	-	-	-	-	-	-	.	+	+
1118. Points for all flat side up	+	+	+	+	+	+	+	+	+	.	+	+
1119. Points for all flat side down	+	+	+	+	+	+	+	+	+	.	+	+
1120. No. of scoring combinations	2	2	2	3	3	3	4	.	.	.	2	2
1122. No. of counters	12	10	10	10	10	10	10	10	10	.	10	10
1123. Counters in one pile at start	+	+	+	+	+	+	+	-	.	.	+	+
1124. Played on basket tray	+	+	+	+	+	+	+	+	+	.	+	+
1125. Played on blanket, hide, or mat	+	-	+	-	-	-	-	+	-	.	+	+
1126. Scored with scoring circuit	+	+	+	+	+	-	-	.	.	.	+	+
1126b. Acorns thrown on basket tray	+	-	+	+	+	+	+	+	+	.	+	+
1126c. Winning throw 2 up and 2 down	-	-	-	-	-	-	+	.	.	.	+	+
1126d. Woman's game	+	-	+	+	+	-	+	.	.	.	+	+
<u>Various</u>												
1127. Scoring circuit for dice	+	+	+	-	.	-	-	-	.	.	-	-
1128. Curvilinear	-	+	+	-	.	-	-	-	-	.	.	.
1129. Cross . . . . .	-	+	+	-	.	.	.	.	.	.	.	.
1130. Sticks in ground . . . . .	+	+	+	-	.	.	.	.	.	.	.	.
1131. No. of sticks	4	.	6	-	.	.	.	.	.	.	.	.
1132. Foot-bone dice . . . . .	+	+	+	-	+	-	.	.	.	.	.	.
1133. Men play	+	+	+	-	+	-	-	.	.	.	-	-
1134. Women play . . . . .	+	+	+	-	+	.	.	.	.	.	-	-
1135. No. thrown	6	.	2	-	4	.	.	.	.	.	.	.
1136. No. of counters	18	.	10	-	10	.	.	.	.	.	.	.
1137. Jacks . . . . .	.	+	+	+	+	+	-	-	.	.	-	-
1140. Stones . . . . .	.	+	+	+	+	+	-	-	.	.	-	-
1141. Foot bones . . . . .	.	-	+	-	-	-	-	-	.	.	-	-
1142. Juggling	+	-	+	-	-	+	-	+	.	.	-	.
1146. Stones	+	-	+	-	-	+	-	+	.	.	-	.
1147. Number	3	-	3	-	-	3	-	8	.	.	-	.
1148. Tops	+	+	+	+	+	.	+	+	.	.	+	+
1151. Acorn	+	+	+	+	+	.	+	+	.	.	+	+
1152. Pitch lump	+	-	+	-	-	.	-	-	.	.	+	.
1153. Buzzer . . . . .	+	+	+	+	+	-	+	-	.	.	.	.
1156. Acorn . . . . .	+	.	+	-	-	-	-	-	.	.	.	.
1157. Rawhide . . . . .	+	+	+	-	-	-	.	-	.	.	.	.
1157a. Sinew . . . . .	+	.	.	+	*	-	+	-	.	.	.	.
1158. Bone or horn . . . . .	+	+	+	+	+	-	+	-	.	.	.	.
1160. Wood . . . . .	+	+	+	-	-	-	-	-	.	.	.	.
1161. Haliotis . . . . .	+	+	-	-	-	-	-	-	.	.	.	.
1162. Rattles of snake	+	+	.	-	-	-	-	-	.	.	-	.
1163. Archery	+	+	+	+	+	+	+	+	+	*	+	+
1164. Stationary mark	+	+	+	+	+	+	+	+	+	+	+	+
1165. Mark rolled	+	+	+	-	+	+	+	-	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1166. Mark thrown in air	+	+	+	-	+	+	+	+	+	+	+	+
1167. For distance	+	+	+	+	+	+	+	+	+	+	+	+
1168. Gambling for arrows	+	+	+	+	-	+	+	+	+	+	+	+
1169. Cat's cradle	+	+	+	+	+	-	-	+	+	.	+	.
1170. Men play	+	+	+	+	+	-	-	-	+	.	+	.
1171. Women play	+	+	+	+	+	-	-	+	+	.	+	.
1172. Static figures	+	.	+	+	+	-	-	+	+	.	+	.
1173. Moving figures	+	.	+	+	+	-	-	+	+	.	+	.
1174. Toes worked in	+	.	+	+	.	-	-	+	+	.	+	.
1174a. Throw rocks at stick	+	+	+	-	.	+	+	*	.	.	+	+
*1174b. Player has special rock	+	+	+	-	.	+	+	+	.	.	+	+
1174c. Boys bet on jumping over rock	+	-	+	-	.	+	-	-	.	.	-	.
1174d. When tire, stumble, eliminated	+	-	+	-	.	*	-	-	.	.	-	.
<u>Pebble Game</u>												
1174e. 2 people	+	.	+	-	.	-	-	-	.	.	-	.
1174f. Sit 5 yds. apart	+	.	+	-	.	-	-	-	.	.	-	.
1174g. Gradually approach	+	.	+	-	.	-	-	-	.	.	-	.
1174h. Deride each other, act angry	+	.	+	-	.	-	-	-	.	.	-	.
1174i. When close guesses hand	+	.	+	-	.	-	-	-	.	.	-	.
MONEY AND BEADS												
1175. Clamshell disk beads	+	+	+	+	+	+	+	+	+	+	*	*
1175a. Beads imported	+	+	+	-	-	.	+	+	+	+	+	+
1175b. Shells imported	+	-	+	-	+	.	+	-	-	-	-	-
1175c. Beads most important as wealth	+	+	+	+	+	+	+	+	+	+	+	+
1176. Haliotis disk beads	+	+	.	+	+	+	-	+	+	+	+	+
1176a. Haliotis triangular				+	+	+	+	+	+	+	+	+
1177. Olivella	+	+	+	+	+	+	+	+	+	+	+	+
1178. Whole shell as bead	+	+	+	+	+	+	+	+	+	+	+	+
1179. Disk beads	+	+	+	+	+	+	+	+	+	+	+	+
1180. Square beads	+	-	+	+	+	+	+	+	+	+	+	+
1181. Shell cylinders as treasure	+	+	+	+	+	+	+	+	+	+	+	+
1183. Steatite disk beads	+	-	+	+	+	-	-	-	-	-	-	-
1184. Human-hair string	+	-	.	+	-	+	-	-	.	.	+	+
1185. Beads measured around palm	+	.	+	+	+	.	-	-	.	-	+	+
1185a. Along arm	+	.	+	-	+	.	-	-	.	+	+	+
1185b. Around neck	+	.	.	+	-	.	.	-	.	-	+	+
1185ba. Counted by 5							+	+	.	.	+	+
1185c. Counted by 20	+	.	-	-	.	.	-	-	.	.	+	+
1185d. Counted by 100.								+	.	.	+	+
1186. Loans at interest	+	+	+	-	.	-	-	-	.	-	+	.
1187. 50 per cent	+	-	.	-	-	-	.	-	+	.
1189a. No interest				+		+	+	+	.	-	-	.
PIPES												
1190. Tubular	+	.	+	+	+	+	+	+	+	+	+	+
1191. Wood	+	+	+	+	+	+	+	+	+	+	+	+
1192. Cane	+	+	+	-	-	-	-	-	-	-	+	+
1194a. Clay (unfired).	-	-	+	-	-	-	-	-	-	-	-	-
1195. Mouthpiece of cane.	+	.	-	-	-	-	-	-	-	-	-	-
1195a. No special mouthpiece				+	+	+	+	+	+	+	+	+
1196. Mouthpiece of bone	+	.	-	-	-	-	-	-	-	-	-	-
1196a. End stopped up with wood				+	+	+	+	+	+	+	+	+
1196b. Single filling for whole company	+	+	+	*	-	*	+	+	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1252. Whistle, single hole	+	+	+	+	+	.	+	+	+	+	+	+
1253. Bone	+	-	+	-	+	.	+	+	+	+	+	+
1254. Bird or rodent	+	-	-	-	+	.	+	+	+	+	+	+
1255. Large mammal	+	-	+	-	-	.	-	-	-	-	-	.
1256. Wood or cane	+	+	+	+	+	.	+	+	+	+	+	+
1257. Stop of gum or pitch	+	.	+	.	+	.	-	+	+	+	-	-
1258. Stop of asphalt	-	-	-	-	-	.	-	-	-	-	*	-
1258a. Stop of wood . . . . .						.	+	-	.	+	+	+
1259. Single	+	+	+	+	+	.	+	-	+	+		
1260. Double, 2 instruments bound together.	+	.	+	-	+	.	+	+	+	+	+	+
1261. Flute, multiple holes, without reed	+	.	+	+	+	+	+	-	+	.	+	+
1262. No. of holes	6	.	6	5	5	.	5	-	5	.	3	.
1263. End blown	+	.	+	+	+	+	+	-	+	.	+	+
1264. Mouth blown	+	.	+	+	+	+	+	-	+	.	+	+
1265. Flattened (squared) around holes	+	.	+	+	+	.	+	-	+	.	+	.
1266. Of elderwood	+	.	+	+	+	+	+	-	+	.	+	+
1266a. Of cane	+	.	+	-	-	-	-	-	-	.	+	+
1266b. Rattle of elderwood	+	+	+	+	+	+	+	+	+	+	+	+
1266c. About 1 ft. long	-	+	+	+	+	+	+	+	+	+	+	+
1266d. Burned ornamentation	+	+	-	-	-	-	-	-	.	.	*	-
1266da. Painted ornamentation			+	+	+	+	-	+	+	.	+	+
1266e. Foot drum	-	.	+	-	-	+	+	+	+	+	+	+
1266ea. Foot plank on ground						-	+	+	+	+	+	+
1266f. Section of burned log	-	.	+	-	-	+	-	-	*	+	-	.
1266g. Placed over hole in ground	-	.	+	-	-	+	+	+	+	+	+	+

ARCHAEOLOGICAL RESIDUUM

1267. Charmstones	+	+	+	-	+	+	-	+	+	+	+	.
1267a. Plummet-shaped, asymmetrical	+	-	+	-	.	-	-	+	-	.	+	.
1267b. Spindle-shaped, symmetrical	+	-	.	-	.	-	-	-	-	.	-	.
1267d. Doughnut stones	+	-	+	-	.	-	-	+	-	.	+	.
1267e. For boiling	+	.	-	-	-	-	-	+	-	-	+	.
1267f. Curved chipped stone implements . . . . .	.	.	+	-	-	-	-	-	+	.	+	.
1267h. Pictographs made by shamans	+	-	+	-	-	-	-	-	.	.	-	-

CALENDAR

1268. No. of seasons	4	.	4	.	4	.	*	4	4	4	4	4
1268a. No. of moons named	12	.	.	.	6	13	13	11	12	.	12	12
1269. Numeral or finger name	+	.	+	.	.	.	-	.	+	.	+	+
1270. 2-solstice calendar . . . . .	+	.	-	.	.	.	.	.	.	.	-	-
1271. Winter solstice observed . . . . .	+	.	+	.	.	.	.	.	+	.	+	.
1271a. Calendar began winter solstice	+	.	+	.	.	.	-	+	+	.	+	.
1271b. Summer months counted	+	.	.	.	6	+	+	+	+	.	+	.
1271c. Record kept by sticks	+	.	+	+	.	.	-	-	-	.	*	.
1271d. Charge of old man	+	.	+	+	.	.	-	+	+	.	+	.
1271g. Month depends on seasons	-		+	.	+	.	-	+	+	.	-	.
1271h. Old men argue which month	+		+	.	.	.	+	+	+	+	+	.
1271i. Often fisticuffs . . . . .	+		.	.	.	.	-	-	-	.	.	.

COUNTING

Numeral Systems, Pointing

1272. Decimal above 10	-	+	+	+	+	-	+	-	-	.	-	-
1272a. Indicate direction by head	+	+	+	-	-	-	+	+	+	.	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1272aa. Indicate direction with finger				+	+	+	+	+	+	.	+	+
1272b. Pursing lips	+	-	+	+	.	+	-	+	+	.	+	+
1272c. Nodding head for yes	+	+	+	+	+	+	+	+	+	.	+	+
1272d. Shake for no	+	+	+	+	+	+	+	+	+	.	+	+
1273. Quinary below 10	+	-	+	+	-	-	-	-	-	.	-	-
1274. 4 related to 2	+	-	+	+	-	-	-	+	+	.	-	-
1274a. By 20	+	-	-	-	-	+	+	+	+	.	+	+
<u>Mnemonic Devices</u>												
1276. Counting on fingers	+	+	+	+	+	+	-	+	+	.	+	+
1277. Counting on toes	+	-	-	-	+	+	-	+	+	.	+	+
1278. Stick for	+	+	+	-	+	+	+	+	+	.	+	+
1279. 1 (e.g., in games)	+	+	+	+	+	+	+	+	+	.	+	+
1280. 10	+	+	+	-	-	-	-	-	-	.	-	-
1281. 100	+	+	+	-	-	-	-	-	-	.	-	-
1282. Scratch on ground for	+	+	+	-	+	+	-	-	.	.	+	+
1283. 10	+	+	+	-	-	-	-	-	.	.	-	-
1284. 100	+	+	+	-	-	-	-	-	.	.	-	-
1285. Beads over stick, feather, bone	+	+	+	+	-	-	-	-	.	.	+	+
1285a. Plain sticks								+	.	.	+	+
1286. For messages	+	.	+	+	-	-	-	+	.	.	+	+
1286a. As calendar mnemonic	+	.	+	.	-	-	-	-	.	.	-	-
1287. Knotted string for messages	+	.	+	-	-	+	+	+	+	.	+	+
ASTRONOMY AND COSMOLOGY												
<u>New Moon Observances</u>												
1353. Monthly birth and death theory	+	+	+	.	-	+	+	+	.	+	+	+
1354. All go out to see	+	+	+	+	+	+	-	-	-	.	+	+
1356. Racing	-	-	+	-	-	-	-	-	-	.	+	+
1357. Face rubbing	-	-	+	+	.	-	-	-	-	.	+	+
1358. Praying	-	-	+	+	-	-	-	-	-	.	+	+
1359. Shouting or speaking	+	+	+	+	-	-	-	-	-	.	+	+
1361. Babies tossed in air	-	+	+	-	-	-	-	-	-	.	+	+
1362. Finger gets sore or drops off if pointed at moon	-	-	+	-	-	-	-	-	-	.	-	-
1363. Position of horns significant	+	+	+	+	+	+	+	+	+	+	+	+
1364. Horizontal, full of water	+	+	+	-	-	+	+	-	+	.	+	+
1365. Rain	+	+	+	-	-	+	+	-	+	.	+	+
1366. Dry weather	-	-	-	+	+	-	-	+	-	.	-	-
1368. Vertical: rain	-	-	-	+	+	-	-	+	-	.	*	*
1369. Dry weather	+	+	+	-	-	+	+	-	+	.	-	-
1370. Cold	+	-	+	+	+	-	-	-	-	.	-	-
<u>Eclipses</u>												
1371. Eclipse of moon known	+	+	+	+	+	+	+	+	+	+	*	+
1372. Eating theory	+	-	.	+	+	-	-	+	+	.	-	-
1373. Condor	+	*	.	*	*	-	-	-	.	.	-	-
1377. Moon's husband lying on her	+	-	.	-	-	-	-	-	.	.	-	-
1379. Shouting	+	+	.	+	+	-	-	-	.	.	+	+
1379a. Pray								+	.	.	+	+
1380. Eclipse of sun known	+	+	+	+	+	+	+	+	+	+	+	+
1381. Eating theory	-	-	.	+	+	-	-	+	+	.	-	-
1383. Condor	+	+	.	+	.	-	-	-	.	.	-	-
1386. Condor in front of	+	+	.	-	-	-	-	-	.	.	-	-
1387. Shouting	+	+	.	+	+	-	-	-	.	.	+	+
1387a. Pray								+	.	.	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
<u>Various</u>												
1388. Sun male	-	.	.	-	-	-	-	-	.		+	+
1390. Moon male	+	.	.	-	-	-	-	-	.		+	+
1393. Tree and river in the moon	-	-	-	-	-	-	-	-	.		+	+
1394. World a tree, roots north	-	-	-	-	-	-	-	-	.		+	.
1397. Top of world in E, bottom W	-	-	.	.	-	-	-	-	.		*	.
1398. No. of directions	4	4	4	4	4	4	4	4	4	4	4	4
<u>MARRIAGE</u>												
<u>Polygamy</u> (a, all; pl., plural)												
1399. Polygyny, unrelated wives	-	-	+	*	+	+	+	+	.	+	+	+
1400. Max. no. of wives "paid" for	*l	l	a	a	*a	+	+	a	.	+	a	a
1401. Max. no. in same house	l	-	.	pl	pl	pl	pl	pl	.	pl	pl	pl
1402. Usually prominent men (not necessarily chief)	-	*	+	+	+	+	-	+	.	-	-	-
1402a. Any man	-	-	-	-	-	-	+	-	.	+	+	+
1403. Concubines in separate towns	-	-	-	+	+	+	+	-	.	.	+	+
1404. Polyandry, unrelated husbands	-	-	-	-	-	*	+	-	.	-	+	+
1405. Max. no. who "paid"	-	-	-	-	.	a	*	-	.	-	+	+
1406. Max. no. in same house	-	-	-	-	-	2	l	-	.	-	pl	pl
1407. Lovers in separate towns	+	-	+	+	+	+	+	+	+	+	+	+
1407a. Wife-lending between chiefs	-	-	+	+	.	-	-	-	.	-	*	+
1407b. Wife-lending between friends											+	+
<u>Ceremony</u>												
1408. Child betrothal, before puberty	+	+	+	+	+	+	+	+	.	+	+	+
1409. With exchange of presents	+	+	+	+	+	+	+	+	.	+	+	+
1410. Binding	+	-	+	-	+	+	+	-	.	+	+	+
1411. Usually chief's or prominent families	-	-	-	+	-	-	-	-	.	+	+	+
1412. Presents for bride	+	+	+	+	+	+	+	+	+	+	+	+
1413. Exchange of presents	-	+	+	+	+	+	+	+	+	+	+	+
1414. Marriage feast	+	+	+	+	+	+	+	+	+	+	+	+
1415. Given by bride's side primarily	+	+	+	-	-	-	+	-	-	-	-	-
1416. Given by groom's side	-	-	-	+	+	+	-	+	+	+	+	+
1417. Both contribute	+	+	+	+	+	+	-	+	+	+	+	+
<u>Marriage of Affinal Relatives</u>												
1418. Sororate	+	+	+	+	+	+	+	+	+	+	+	+
1418a. Wife's brother's daughter like wife's sister	+	-	-	+	.	+	+	+	.	-	+	+
1418b. Also paid for	-	-	-	+	.	+	+	+	.	-	+	+
1419. Simultaneous (polygynous)	-	-	-	-	.	+	+	-	.	-	+	+
1420. Max. no. of wives "paid" for	-	-	pl	a	a	a	a	a	.	pl	pl	pl
1421. Max. no. of wives in same house	l	l	l	l	pl	pl	pl	pl	.	pl	pl	pl
1422. Sister of barren wife	*+	+	-	+	*+	+	+	+	+	+	+	+
1423. Successive (post-mortem)	+	+	+	+	+	+	+	+	+	+	+	+
1424. Said to be obligatory	-	-	-	-	-	-	-	-	-	-	+	+
1425. Depends on attitude of parents	-	-	+	*	*	-	-	-	-	-	+	+
1426. With additional "payment"	+	+	+	+	+	+	+	+	+	+	+	+
1427. Levirate	+	+	+	+	+	+	+	+	+	+	+	+
1427a. Husband's sister's son like husband's brother	-	-	-	+	+	*	*	+	.	-	-	-

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1428. Simultaneous (polyandrous)	-	-	-	-	-	+	-	-	.	-	-	-
1429. Max. no. of brothers who paid	pl	o	pl	pl	pl	pl	pl	pl	.	pl	pl	pl
1430. Max. no. of brothers in same house	-	o	o	o	o	pl	l	o	.	-	pl	pl
1431. Successive (post-mortem)	+	+	+	+	+	+	+	+	+	+	+	+
1432. Said to be obligatory	-	-	-	-	-	-	-	-	-	-	+	+
1433. Depends on attitude of parents	-	-	+	+	+	-	-	-	-	-	+	+
1434. With additional payment	+	-	+	+	+	+	+	+	+	+	+	+
1435. Marriage of man to stepdaughter	-	-	-	-	-	-	-	-	-	-	+	+
1436. Man to wife's brother's daughter	+	-	-	+	.	+	+	+	.	-	+	+
<u>Postnuptial Residence</u>												
1437. First residence patrilocal	-	-	-	-	+	+	-	*	-	-	-	-
1437a. Haphazard	-	-	+	-	-	-	-	-	+	-	-	-
1437b. Alternating	-	-	+	-	-	-	-	-	-	-	-	-
1438. Husband's parents' house	-	-	-	-	+	+	-	-	-	-	-	-
1439. Own house	-	-	-	-	+	-	-	-	-	-	-	-
1440. First residence matrilocal	*	+	+	+	-	-	+	-	-	+	+	+
1442. Wife's parents' house	+	+	+	+	-	-	+	-	-	+	+	+
1443. Own house	+	+	+	-	-	-	+	-	-	*	-	-
1444. Final residence patrilocal	-	-	-	-	+	+	-	-	-	-	-	-
1445. Husband's parents' house	-	-	-	-	+	+	-	-	-	-	-	-
1446. Own house (later)	+	+	+	+	+	+	+	+	+	-	+	+
1447. Variable, informant gives no rule	-	-	-	-	-	-	-	-	+	-	-	-
<u>Adultery</u>												
1448. Unfaithful wife beaten	+	+	+	-	+	+	+	+	+	.	+	+
1449. Unfaithful wife killed	-	+	+	-	-	+	-	+	+	.	+	+
1450. Paramour assailed by husband	-	+	-	-	-	+	+	-	+	.	-	-
1451. Paramour killed	*	+	-	-	-	+	+	-	-	.	-	-
1452. Compensation for adultery	-	-	-	-	-	-	-	-	-	.	+	+
<u>Divorce</u>												
1453. For infidelity	+	+	+	.	+	+	+	+	+	*	+	+
1454. Barrenness	+	+	+	+	+	-	-	+	+	.	-	-
1455. Quarreling	+	+	+	+	+	+	-	+	+	.	+	+
1456. Laziness	+	+	+	+	+	+	-	+	+	.	+	+
1457. Repayment of bride price	-	-	+	.	-	-	-	-	-	.	+	+
<u>Remarriage of Widow or Widower</u>												
1458a. Without engagement period	-	-	+	-	-	+	+	-	-	-	-	-
1458b. After mourning period	+	+	+	+	+	+	+	+	+	+	+	+
1459. Former wife's parents paid by widower	-	-	-	-	-	-	-	-	-	-	+	+
1460. New husband pays for widow	+	+	+	+	+	+	+	+	+	+	+	+
<u>Prostitution</u>												
1464. Private, irregular, not any male accepted	+	+	+	+	-	+	-	+	+	.	*	+
1464a. Any male accepted	-	-	-	-	*	-	-	-	-	.	-	-
1465. Pay or gifts given, but no negotiated or fixed price	+	+	+	.	-	+	-	+	+	.	-	-
1465a. Negotiated price	-	-	-	+	+	-	-	-	-	.	-	-
1466. At "big times" chiefly	-	+	+	+	-	+	-	+	+	.	+	+
1467. Any time	+	+	+	-	+	+	*	+	+	.	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
BERDACHES												
1483. Present	+	-	+	+	+	+	+	+	.	*	+	+
1483a. Sweat with males	+	-	+	+	+	-	.	-	.	.	+	+
1484. Live with a normal man	+	-	+	+	+	+	.	-	.	.	+	+
1485. Function at burial	+	-	+	+	.	-	.	+	.	.	+	+
1486. Function at mourning ceremony	+	-	+	+	.	-	.	+	.	.	+	+
1486a. Dressed and talk as women	+	-	+	+	+	+	-	+	.	.	+	+
1486b. Associated with women	+	-	+	+	+	+	.	+	.	.	+	+
1486c. Never ridiculed	+	+	+	+	+	+	.	+	.	.	+	+
KINSHIP AVOIDANCES												
1487. Mother-in-law son-in-law	*	+	+	+	+	+	+	+	+	+	+	+
1488. Speak little	-	+	+	+	+	+	+	+	+	+	+	+
1489. Plural address in speech	+	-	-	-	+	+	+	+	+	+	+	+
1490. Head covered (mother-in-law)	-	.	+	-	-	-	-	-	-	-	-	-
1491. Turn aside on trail	-	+	+	-	+	+	+	+	+	+	+	+
1492. Eat together	-	-	+	-	+	+	-	-	-	-	+	+
1493. Laugh	-	-	+	-	+	+	-	-	-	-	-	-
1494. Respect, no obscenity	+	+	+	+	+	+	+	+	+	+	+	+
1495. For life	+	+	+	+	+	+	+	+	+	+	+	+
1497. Mother-in-law daughter-in-law												
1499. Plural address	+	-	-	-	+	+	-	+	+	+	+	+
1502. Respect, no obscenity	+	+	+	+	+	+	+	+	+	+	+	+
1503. For life	+	+	+	+	+	-	+	+	+	+	+	+
1505. Father-in-law son-in-law												
1507. Plural address	+	-	-	-	+	-	-	-	+	+	+	+
1510. Respect, no obscenity	+	+	+	+	+	+	+	+	+	+	+	+
1511. For life	+	+	+	+	+	+	+	+	+	+	+	+
1513. Father-in-law daughter-in-law												
1514. Speak little	-	+	+	+	+	+	+	+	+	+	+	+
1515. Plural address	+	-	-	-	+	+	+	+	+	+	+	+
1516. Head covered (daughter-in-law)	-	-	+	-	-	-	-	-	-	-	-	-
1517. Turn aside on trail (daughter-in-law)	-	+	+	-	+	+	+	+	+	+	+	+
1518. Eat together	-	-	+	-	+	+	-	-	-	-	+	+
1520. Respect, no obscenity	+	+	+	+	+	+	+	+	+	+	+	+
1521. For life	+	+	+	+	+	+	+	+	+	+	+	+
1523. Brother sister												
1527. Should not be alone together	-	.	+	+	+	+	+	+	+	+	+	+
1528. Before marriage	-	.	+	+	+	+	+	+	+	+	+	+
1529. After also	-	.	+	+	+	+	+	+	+	+	+	+
MOIETIES AND LINEAGES												
1530. Moieties	-	-	*	-	*	+	*	+	.	.	*	+
1530c. Own chief	-	-	+	-	+	-	-	-	-	.	+	+
1531. Nutuwuts and Troxelhiwic	-	-	+	-	+	-	-	-	-	.	-	-
1531a. K'at'awa oësumiti'						+	+	+	.	.	+	+
1532. East and West	-	-	-	-	+	-	-	-	.	.	+	+
1533. Moiety owned totems	-	-	+	-	+	+	+	+	.	.	+	+
1533a. Moiety owned personal names	-	-	+	-	+	+	*	+	.	.	+	+
1533b. Moiety owned paint designs	-	-	.	-	.	+	+	+	.	.	+	+
1533c. Moiety owned offices	-	-	.	-	+	-	-	-	.	.	+	+
1534. Paternal descent	-	-	+	-	+	+	+	+	.	.	+	+
1534a. Exogamy	-	-	-	-	+	+	+	+	.	.	+	+
1535. Reciprocal functions	-	-	+	-	+	+	+	+	.	.	+	+
1536. Games	-	-	-	-	-	-	-	-	.	.	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1537. Mourning ceremony	-	-	+	-	+	+	+	+	.	.	+	+
1538. Sweating	-	-	+	-	-	-	+	-	.	.	+	+
1539. Lineages	+	+	+	+	+	+	+	+	+		+	+
1540. Paternal descent	+	+	+	+	+	+	+	+	+		+	+
1541. Single inherited totem	+	+	-	+	+	+	-	+	+		+	+
1542. Taboo on killing	+	+	+	+	+	-	-	-	-		-	-
1543. Taboo on eating	+	+	+	+	+	-	-	-	-		-	-
1544. Mother's totem taboo	-	-	-	*	+	-	-	-	-		-	-
1545. Wife's totem taboo	-	-	-	*	+	-	-	-	-		-	-
1546. Bought from other lineages	+	-	-	-	-	-	-	-	-		-	-
1547. Exogamous	-	+	-	+	+	+	+	.	+		+	+
1547a. Influence on marriage	-	+	-	+	+	+	+	.	+		+	+
1548. Lineage owned names	+	+	+	+	+	+	+	+	+		+	+
1549. Male from father's father	+	+	+	+	+	+	+	+	+		+	+
1550. Male from mother's father	+	-	-	-	-	-	-	-	-		-	-
1551. Female from father's mother	+	+	+	+	+	.	-	-	-		-	-
1552. Female from mother's mother	+	-	-	-	-	.	+	+	+		+	+
1552a. Lineage owned offices	+	+	+	+	+	-	-	+	.		+	+
1553. Lineage body paint designs	+	+	+	+	-	-	-	.	.		-	-
1554. Ceremonies conducted by	+	+	+	+	+	-	-	.	.		-	-
CHIEFS AND OFFICIALS												
1555. Head chief	+	+	+	+	+	+	+	+	+	+	+	+
1555a. No. of chiefs. (Cf. 1575).	2?	2	1	1	2+	2+	1	1	1	4	*3	*3
1555b. Chief could cure	-	-	-	-	-	-	-	-	-	-	+	+
1555c. Chief had more power than shaman	-	-	-	-	-	-	-	-	-	-	+	+
1555d. Chief may resign	+	-	-	-	-	+	+	+	+	-	-	-
1555e. Inherited title not office	+	+	+	+	+	+	+	+	+	+	+	+
1555f. By election	*	-	-	*	*	-	-	-	-	*	-	-
1555g. Men vote	+	-	-	*	*	-	-	-	-	.	-	-
1555i. Old men approve chief's actions	+	+	+	+	+	+	+	+	+	+	+	+
1555j. Chief selects successor	+	-	+	+	+	-	-	-	-	-	-	-
1555k. Chiefly lineages	+	+	+	+	+	+	+	+	+	+	+	+
1556. Hereditary	+	+	+	+	+	+	+	+	+	+	+	+
1557. To son	+	+	+	+	+	+	+	+	+	+	+	+
1558. To brother	+	+	+	*	*	+	+	+	+	+	+	+
1559. To brother's son	+	+	+	*	*	+	+	+	+	+	+	+
1560. To sister's son	+	-	-	-	-	-	-	-	-	-	-	-
1561. To son's son	+	+	+	+	+	+	+	+	+	+	+	+
1562. To daughter's son	+	-	-	-	-	-	-	-	-	-	-	-
1563. Son outranks brother	-	+	+	+	+	+	+	+	+	+	+	+
1564. Brother outranks son	+	-	-	-	-	-	-	-	-	-	-	-
1565. Younger brother's son out-ranks sister's son	+	+	+	+	+	+	+	+	+	+	+	+
1566. Son's son outranks daughter's son	+	+	+	+	+	+	+	+	+	+	+	+
1567. Primogeniture	+	+	+	+	+	+	+	+	+	+	+	+
1568. Oldest in paternal line	+	-	+	-	-	-	-	-	-	-	-	-
Titles:												
1570. Individual title for chief	+	+	+	+	+	+	+	+	+	+	+	+
1571. Chief's paternal male blood kin called chief	+	+	+	+	+	+	-	+	+	+	+	+
*1575. No. of individual chiefs	1	1	1	1	2	1	1	1	1	1	3	3
*1576. No. of lineages of chiefs	1	1	1	1	2	1	1	1	1	1	3	3
1577. Female chiefs	*	+	+	+	+	+	+	+	+	+	+	+
1578. Same root term as male chief	+	+	+	+	+	+	-	+	+	+	+	+
1579. Nominal only, or male chief also	+	+	+	+	+	+	+	+	+	+	+	+
1581. Sister of male chief	+	+	+	+	+	+	-	+	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1582. Daughter of male chief	+	+	+	+	+	+	-	+	+		+	+
1583. Wife of male chief	-	-	-	-	-	-	+	-	-		-	-
1584. Functions as stewardess	+	+	+	+	+	+	+	+	+		+	+
1585. Gives orders to men or sends messenger (winatum) with orders	+	+	+	+	+	+	+	+	+		+	+
Prerogatives and duties:												
1587. Without actual authority	-	-	-	-	+	+	-	-	-		-	-
1587a. Does own hunting	-	-	-	*	-	-	-	+	-		+	+
1587b. Chief advises people	+	+	+	+	+	+	+	+	+		+	+
1587c. Restrains them from trespass	+	+	+	+	+	+	+	+	+		+	+
1587d. Tells when to begin gathering acorns.	+	+	+	+	-	+	+	+	+		+	+
1587e. Makes fire drives	+	.	+	+	+	-	-	-	-		+	+
1587f. Arbitrates disputes	+	+	+	+	+	+	+	+	+		+	+
1587g. Final veto power	+	+	+	+	.	+	+	+	+		+	+
1587h. Official host	+	+	+	+	+	+	+	+	+		+	+
1587i. Chief always wealthy	+	+	+	+	+	+	-	+	+		+	+
1587j. Feeds visitors	+	+	+	+	+	+	+	+	+		+	+
1588. Son or other relative hunts for him .	+	+	+	+	+	+	+	+	+		+	+
1589. Food bought by chief	-	+	+	+	+	+	+	+	+		+	+
1590. Food given him free	+	+	+	+	+	+	+	+	+		+	+
1591. Fed visitors, impoverished	+	+	+	+	+	+	+	+	+		+	+
1592. Provided more food for a feast than others	+	+	+	+	+	+	+	+	+		+	+
1593. Provided more money or property for a ceremony than others	+	+	+	+	+	+	+	+	+		+	+
1594. Approval necessary for every public ceremony	+	+	+	+	+	+	+	+	+		+	+
1595. Makes speech (prayer) at public ceremony	+	+	+	+	+	+	+	+	+		+	+
1596. Owned all eagles and aeries	-	-	+	-	*	-	*	.	.		+	+
1597. Buys captive eagles or pays to have them released	+	-	+	+	+	-	.	.	.		+	+
1598. Settles disputes	+	+	+	+	+	+	+	+	+		+	+
1599. Sanctioned killing of certain persons (e.g., poisoners)	+	+	+	+	+	+	+	+	+		+	+
1600. Paid to kill (or hire killed) certain persons	+	+	+	-	.	+	-	-	-		+	+
1601. Goes to war	+	+	+	-	-	-	+	+	-		-	-
1601a. Does not fight	+	+	+	+	+	+	+	+	+		+	+
Chiefs (of highest or equivalent status) for:												
1603. Village	+	-	-	+	+	+	+	+	+		+	+
1604. Moiety	-	-	+	-	+	-	-	-	-		+	+
1605. Assistant chief	-	-	-	-	-	-	-	*	+		-	-
1606. No. per tribe	-	-	-	-	-	-	-	-	pl		-	-
1607. Hereditary, paternal line	-	-	-	-	-	-	-	-	+		-	-
1608. Lifelong office	-	-	-	-	-	-	-	-	+		-	-
1609. Paternal male blood kin called by title	-	-	-	-	-	-	-	-	+		-	-
1610. Paternal female blood kin called by title	-	-	-	-	-	-	-	-	+		-	-
1611. Advises chief	-	-	-	-	-	-	-	-	+		-	-
1614. Functions as steward	-	-	-	-	-	-	-	-	+		-	-
1615. Messenger	+	+	+	+	+	+	+	+	+		+	+
1616. Hereditary, paternal line	+	+	+	+	+	+	-	-	+		+	+
1617. Lifelong	+	+	+	+	+	+	+	-	+		+	+
*1618. No. of individuals	pl	pl	1	1	2	*2+	1	pl	pl		2	2
1619. No. of lineages	1	1	1	1	2	1	0	0	1		2	2
1621. Functions as: messenger for chief . .	+	+	+	+	+	+	+	+	+		+	+
1622. Messenger for shaman	+	+	+	-	+	-	-	-	-		-	-
1623. Messenger for anyone	+	+	+	-	+	-	-	-	-		-	-

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1624. Welcomes visitors	+	+	+	+	+	+	-	+	+		+	+
1625. Steward at feast	+	+	+	+	+	+	-	+	+		+	+
1626. Orders hunting for chief	+	+	+	-	+	+	+	-	+		+	+
1627. Builds fire for ceremony	+	+	+	+	+	.	-	-	+		-	-
1629. Cane (stick) as symbol of office	+	+	+	+	+	-	-	.	+		+	+
1630. Painted	+	+	+	+	+	-	-	.	+		-	-
1631. Feathers attached	+	.	+	-	-	-	-	.	+		+	+
1632. Female messenger	+	+	+	+	+	-	-	.	-		+	+
1633. Term same root as male	+	+	+	+	+	-	-	.	-		+	+
1634. Sister of male	+	+	+	+	+	-	-	.	-		+	+
1635. Daughter of male	+	+	+	+	+	-	-	.	-		+	+
1637. Welcomes female visitors	+	+	+	+	+	-	-	.	-		+	+
1638. Steward at feast	+	+	+	+	+	-	-	.	-		+	+
1639. Goes alone as messenger	+	-	+	+	+	-	-	.	-		+	+
1639a. Master of ceremonies	+	*	-	-	-	+	+	+	-		*	*
1640. Crier, orator, or clown	+	*	-	-	-	+	+	+	-	-	*	*
1641. Hereditary, paternal line	+	.	-	-	-	-	-	.	-	-	-	-
1642. Sister or daughter of male	+	.	-	-	-	-	-	.	-	-	-	-
1643. Lifelong	+	.	-	-	-	+	+	.	-	-	-	-
1644. No. of lineages	1	.	-	-	-	0	0	.	-	-	-	-
1645. Appointed by chief	-	-	-	-	-	+	+	-	-	-	-	-
1646. Daily announcements around camp	-	-	-	-	-	+	-	-	-	-	-	-
1647. Only when there is "news"	+	*	-	-	-	-	+	+	-	-	-	-
1648. Only at ceremonies	-	-	-	-	-	-	+	-	-	-	-	-
1649. Moral lectures to children	+	.	-	-	-	-	-	-	-	-	-	-
1650. Steward at feast	+	.	-	-	-	+	-	+	-	-	-	-
1651. Dance manager functions	+	.	-	-	-	.	.	.	-	-	-	-
1652. Clowns and ridicules	-	.	-	-	-	+	+	.	-	-	-	-
1653. Clown, distinct from crier	+	.	+	-	-	-	+	-	-	-	+	+
1654. Hereditary	+	.	+	-	-	-	-	-	-	-	+	+
1655. Lifelong	+	.	+	-	-	-	-	-	-	-	+	+
1656. Appointed by chief	-	.	+	-	-	-	-	-	-	-	-	-
1656a. Appointed by leader of dance	-	.	+	-	-	-	+	-	-	-	-	-
1657. No. of individuals	2	.	.	-	-	-	1	-	-	-	2	2
1658. Clowns at ceremonies paid	+	.	.	-	-	-	*	-	-	-	+	+
1659. Dance manager	*	.	.	-	-	+	+	+	-	-	*	*
1660. Hereditary, paternal line	-	.	.	-	-	-	-	+	.	-	-	-
1661. Lifelong	-	.	.	-	-	-	-	+	.	-	-	-
1662. Appointed by chief	-	.	.	-	-	+	-	-	.	-	-	-
1662a. Appointed by head dancers	-	.	.	-	-	+	+	+	.	-	-	-
1663. Schedules dances	-	.	.	-	-	+	+	+	.	-	-	-
1664. Shouts during dancing	-	.	.	-	-	+	-	+	.	-	-	-
1665. Hand over mouth "Indian yell"	-	.	.	-	-	+	-	+	.	-	+	+
1666. Females also	-	.	.	-	-	+	*	.	.	-	+	+
1667. War chief	+	.	+	+	.	.	*	+	-	-	+	+
1668. Hereditary, paternal line . . . . .	+	.	.	.	.	.	-	-	-	-	+	+
1669. Lifelong . . . . .	+	.	.	.	.	.	-	-	-	-	+	+
1670. Appointed by chief	-	.	.	+	.	.	-	+	-	-	-	-
1671. No. of individuals	1	.	.	pl	.	.	-	1	-	-	2	2
1672. Leads whole tribe or village	1	.	.	+	.	.	+	+	-	-	+	+
1678. Divider of food (not messenger)	-	-	+	-	+	+	+	+	+	-	.	.
1679. Hereditary, paternal line	-	-	-	-	+	+	-	+	+	-	.	.
1680. Appointed by chief	-	-	+	-	-	-	+	-	-	-	.	.
1681. Number	-	-	1	-	*2	1	1	1	1	-	.	.
1682. Singer or song leader	+	+	+	-	.	+	+	+	+	-	+	+
1683. Hereditary, paternal line	-	-	-	-	+	+	-	+	+	-	+	+
1683a. No. of individuals in tribes	pl	pl	1	-	2	3	*3+	*3+	1	-	2	2
1684. Lifelong	-	+	-	-	+	+	+	+	+	-	+	+
1684a. Paternal line	-	-	-	-	+	+	.	+	+	-	.	.
1685. Appointed by chief	+	-	+	-	-	-	*	-	-	-	-	-

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1687. Sang solos	+	+	+	-	+	+	-	+	+		+	+
1688. Females	+	+	+	-	-	-	-	-	-		+	+
1689. Same term as for males	+	+	+	-	-	-	-	.	-		+	+
1690. Sister of male	-	-	-	-	-	-	-	.	-		+	+
1691. Daughter of male	-	-	-	-	-	-	-	.	-		+	+
*1692r. Made speech when killed own totem	-	.	-	-	+	-	-	.	.		+	+
1692s. Restrictions on killing any totem animal	+	+	-	+	+	-	-	-	-		-	-
LAND OWNERSHIP												
1693. Tribal, everything in commonality	+	+	+	+	+	+	+	+	+		+	+
1694. Private, household	+	+	+	+	+	+	+	+	+		+	+
1700. Tree crop claimed by pole	-	-	+	*	+	+	+	+	+		*	-
1702. Fishing places	-	-	+	-	-	-	-	-	-		*	*
1703. For a season only	-	-	+	+	+	+	+	+	+		-	-
WAR												
1706. Tribal wars	+	+	+	+	*	+	*	+	+		+	+
1707. Cause: witchcraft	+	+	+	+	.	-	-	.	.		+	+
1708. Murder	+	+	+	+	.	+	-	.	.		+	+
1709. Poaching	*	*	+	+	.	+	+	+	.		+	+
1709a. Due to trespass	*	*	+	+	.	+	+	+	.		+	+
1709b. Killing on sight	*	*	-	-	.	+	+	-	.		+	+
1709c. Champions for dueling	+	.	-	-	.	-	-	-	.		-	-
1709d. Young women spared	+	+	+	+	.	-	-	-	.		+	+
1709e. Raped by all in party	+	+	+	.	.	+	+	+	.		-	-
1710. Abduction of women and children	-	.	+	-	.	-	-	-	.		*	+
1710a. Abduction of women for rape	+	-	.	+	+	+	.		+	+
1711. Slight on chiefs	+	-	.	+	-	-	+		-	.
1712. Adventure	+	.	+	.	.	+	*	+	.		+	+
1713. Dance of incitement	+	+	+	-	.	-	-	+	.		-	-
1714. Dancers abreast (row)	-	.	+	-	-	-	-	-	.			
1714a. Around the fire							+	+	.			
1715. Dance of settlement, both tribes present	+	.	+	-	-	-	-	-	.		-	-
1715a. Only fighters dance						+	*	+	.		-	-
1716. War paint	+	+	+	-	-	-	*	+	.		+	+
1717. Black	+	+	.	-	-	-	+	-	.		+	+
1718. Red	+	+	+	-	-	-	-	-	.		+	+
1719. White	+	+	+	-	-	-	-	+	.		+	+
1720. According to totem or guardian spirit	+	+	+	-	-	-	-	-	.		+	+
1721. Prearranged battles	+	+	+	-	-	-	-	-	.		+	+
1722. Surprise attacks only	-	-	-	*	.	+	*	+	.		-	-
1723. Scouts	-	-	-	-	-	+	+	+	.		-	-
1725. Chiefs neutral in battle	+	+	+	+	.	-	-	-	.		-	-
1726. Chiefs make peace	+	+	+	+	.	-	-	-	.		+	+
1727. Scalps or heads taken	-	-	+	-	.	*	-	-	.		+	+
1728. Victory dance	-	-	+	-	.	+	+	+	.		+	+
1729. Scalp on pole	-	-	-	-	.	-	-	-	.		+	+
1730. Women captives taken	+	+	+	-	-	+	*	+	.		-	-
1731. Neighboring tribes hired for war	-	-	+	-	-	+	*	+	.		+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
BIRTH												
(Numbers refer to days after birth unless otherwise specified)												
<u>Delivery</u>												
1732. Feast after birth	30	*10	9	*+	-	*+	*+	*+	*+	*+	*+	*+
1732a. Bad luck if omitted	+	-	+	+	-	-	-	+	+	*	*+	*+
1732b. Die in next childbirth	-	-	+		-	-	+		+	-	+	+
1732c. Baby would die										+	+	+
1733. Parturient kneels	-	-	+	-	-	-	-	-	-	-	-	-
1733a. On one knee											+	+
1734. Squats	+	+	-	+	+	*+	+	+	+	-	-	-
1735. Lies flat on back	-	-	-	-	-	-	-	-	-	*+	-	-
1737. Holds to stake	+	+	+	-	-	-	-	-	-	-	-	-
1738. Holds to cord from roof	+	-	-	-	-	-	-	-	-	-	-	-
1739. Midwife assists	+	+	+	+	+	+	+	+	+	-	-	-
1739a. Husband assists							*+	+	+	-	+	+
1740. Shaman assists if difficulty	+	+	+	+	+	-	-	-	+	*+	-	-
1742. Bear parts to hasten delivery	+	+	+	+	+	*-	-	-	-	.	-	-
1743. Paw or claws on abdomen	*+	-	+	-	-	-	-	-	-	.	-	-
1744. Concoction drunk	+	+	*+	+	+	-	-	-	+	*+	*+	+
1744a. Buckskin thong tied around woman								+	+	.	+	+
1745. Puma parts on abdomen to hasten delivery	*+	.	+	-	-	-	-	-	-	.	-	-
1746. Baking in pit after birth	-	+	+	+	-	-	-	*+	-	-	-	-
1747. Delivery in pit	-	-	-	-	-	-	-	+	-	-	-	-
1748. Afterbirth buried	+	+	+	+	+	+	+	+	+	+	*+	+
1749. Turned over to change sex of offspring	+	-	+	-	-	-	-	-	-	.	-	-
1750. Turned over to prevent further offspring	-	-	-	-	-	-	-	-	*+	.	*-	*-
1751. Afterbirth burned or buried in ashes to prevent offspring	-	+	+	-	+	-	-	+	+	.	*-	-
1751a. Put on ant hill	+	.	+	-	-	-	-	-	-	-	-	+
1753. Afterbirth dried and kept to prevent offspring	-	+	.	-	-	-	*	-	-	-	-	-
1753a. Buried and sealed tightly to prevent offspring				+	+	-	+	+	+	.	+	+
1754. Child bathed at birth	+	*+	+	+	+	*+	+	+	+	+	+	+
1755. Mother and child steamed	+	+	+	?	-	+	-	+	+	*	*+	*+
1757. Navel cord: cut with flint	-	+	-	-	-	-	-	+	+	.	-	-
1757a. With elderberry	+		-	+	+	-	-	-	-	-	-	-
1758. With cane	-	-	+	-	-	-	-	-	-	-	-	-
1758a. With own teeth						+	*+	-	-	-	-	-
1759. With shell	+	-	-	-	-	-	-	-	-	-	-	-
1759a. With fingernail						+		-	.	-	-	-
1760. Tied with mother's hair	+	-	+	+	+	-	-	+	+	-	-	-
1761. With vegetable-fiber string	+	+	-	-	-	-	-	-	-	*	*	-
1761a. Long enough to make a knot of it						+	+	-	.		+	+
1762. Tied with buckskin string	+	+	+	-	-	-	-	-	.		+	+
1763. Seared and pinched together, not tied	-	-	+	-	-	-	-	-	-	-	-	-
1764. Detaches in ... days	*4+	5	.	4	4	4	4	4	4		4	4
1765. Tied on cradle	-	+	-	+	-	*+	*	-	-	-	-	-
1765a. Hang on tree	+		+	-	+	-	-	-	-	-	-	-
1768. Put on an ant hill	-	-	-	+	+	-	-	-	-	-	-	-
1769. Buried	-	-	-	-	-	-	-	-	+		+	+
1770. Buried on the shady side of a bush	-	-	-	-	-	-	-	-	-		+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
<u>Restrictions on Mother</u>												
1771. Meat products taboo	+	+	+	*	*	*	*	*	*	*	*	*
1771a. Grease taboo	+	+	+	*	*	*	*	*	*	*	*	*
1772. Salt taboo	+	+	+	*	*	*	*	*	*	*	*	*
1773. Cold water taboo	+	-	+	-	+	*	4	+	4	+	*	*
1774. Combing hair taboo	+	+	+	*	+	+	*	+	+	+	+	+
1775. Scratches with stick	+	+	+	+	+	+	+	+	+	+	+	+
1777. Making baskets taboo	+	-	+	+	*	*	-	+	+	+	+	+
1778. Cooking for family taboo	+	+	+	+	-	+	+	+	+	+	+	+
1779. Travel taboo	+	-	+	+	+	+	+	+	+	+	+	+
1780. Loud talk taboo	-	-	+	+	+	+	+	+	+	+	+	+
1781. Stays in pit	0	5	*	*	-	-	-	4	-	-	-	-
1782. Special childbirth hut	-	-	-	-	-	-	-	-	+	-	-	-
1783. Purification ceremony with bath	+	+	+	+	+	+	+	+	+	+	+	+
1783a. Delivery in house	+	+	+	+	+	+	+	-	-	+	+	+
1783b. Child put in cradle	+	+	+	+	+	+	+	+	+	-	+	+
1783c. Wrapped in wire grass	+	.	-	-	-	-	-	-	+	-	+	+
1783ca. Buckskin or cased fur . . . . .	.	.	.	.	.	+	+	+	+	+	+	+
1783d. No sex relations	*	*	+	+	*	*	+	*	+	+	*	*
1783e. Baby wiped with foxskin	+	.	+	+	+	.	.	+	+	.	+	+
<u>Restrictions on Father</u>												
1784. Meat products taboo	+	+	+	-	-	*	-	*	+	+	-	-
1784a. Grease taboo	+	+	+	-	-	*	-	*	+	+	-	-
1785. Salt taboo	+	+	+	-	-	*	*	*	+	+	-	-
1786. Cold water taboo	+	-	+	-	-	-	-	+	+	+	-	-
1787. Combing hair taboo	-	-	+	-	-	-	-	+	+	-	-	-
1788. Scratches with "stick"	-	-	+	-	-	-	-	+	+	-	-	-
1789. Sweating mandatory	-	-	+	-	-	-	-	+	+	-	+	+
1790. Sweating taboo	+	-	-	-	-	-	-	-	-	-	-	-
1791. Must remain indoors	*	+	+	+	-	-	-	*	+	-	-	-
1792. Must lie down	+	-	+	-	-	-	-	-	.	-	-	-
1793. Loud talk taboo	-	-	+	-	*	-	-	-	+	-	-	*
1794. Wears hunger belt	-	+	+	.	*	-	-	.	.	.	*	*
1795. Smoking taboo	+	+	+	-	+	-	-	.	+	.	-	-
1796. Gambling taboo	+	+	+	+	+	+	-	+	+	.	+	+
1797. Travel taboo	+	-	+	+	+	-	-	-	+	.	+	+
1798. Hunting deer taboo	+	-	+	+	+	+	-	-	+	.	+	+
1799. Runs	+	+	+	-	-	-	-	-	-	-	+	+
1800. East in morning	+	±	+	-	-	-	-	-	-	-	+	+
1801. West in evening	+	±	+	-	-	-	-	-	-	-	+	+
1802. And jumps over a big rock	-	-	+	-	-	-	-	-	-	-	+	+
1803. Purification ceremony, bath	*	10	+	-	-	-	+	+	+	-	+	+
1804. Swaps or changes clothes	+	+	+	-	-	-	*	+	+	-	+	+
<u>Abortion</u>												
1806. Medicine eaten or drunk	+	+	*	+	+	+	+	-	.	*	*	+
1808. Blows	+	+	.	-	-	-	-	-	.	-	-	-
1809. Pressure	+	+	.	-	-	-	-	-	.	-	-	-
1810. Lifting	+	-	.	-	-	-	-	-	.	-	-	-
<u>Infanticide</u>												
1811. Infanticide practiced	+	+	-	+	+	+	+	+	+	-	+	+
1812. Chiefly bastards	+	-	-	+	+	+	.	+	+	*	+	+
1813. Sometimes twins	-	-	-	-	-	+	.	-	-	-	-	-
1814. Deformed	+	-	.	-	-	-	.	-	-	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1814b. Child killed by mother's parents	+	+	.	+	+	+	-	+	+	-	+	+
1814c. Support of child by father	-	-	+	.	.	-	-	-	-	-	-	-
1814d. Compulsory marriage to man	-	-	+	.	.	-	-	-	-	-	+	+
<u>Weaning</u>												
1815. Years of age	*+	3	+	1+	1+	*1+	*2	2	.	1+	1+	1+
1816. Parents' sex restrictions until weaning . . .	-	-	-	.	+	-	*	-	-	-	-	-
1817. Adultery of either parent sickens nursing child . . . . .	-	-	.	.	+	.	-	.	.	.	.	.
<u>Mutilations</u>												
1818. Ears pierced soon after birth	+	-	*	-	+	+	+	-	-	*	+	+
1819. Age in years	0	18	+	1	0	0	0	1	-	.	+	+
1820. Nose pierced soon after birth	+	-	*	-	-	-	-	-	-	-	+	+
1821. Age in years	0	18	-	*10	*	*12	*	1	.	.	+	+
1822. Girl's tattoo, age in years	*+	.	+	15	15	*	*	.	.	*	12	-
1822a. Before puberty	+	.	+	-	-	+	-	.	.	-	+	+
1822b. About puberty	-	.	+	+	+	+	-	.	.	-	+	+
1822c. After puberty	-	.	+	+	-	+	-	.	.	-	+	+
1822d. Any time up to maturity	+	-	+	+	-	+	+	.	.	-	+	+
1822e. Tattooed self	+	+	+	+	-	+	+	.	.	-	+	+
1823. Boy's tattoo, age in years	*+	.	+	-	-	+	+	.	-	13	13	.
1823a. Before puberty	+	.	+	-	-	+	+	.	.	-	+	+
1823b. About puberty . . . . .	-	.	+	-	-	.	.	.	.	-	+	+
1823c. After puberty . . . . .	-	.	+	-	-	.	.	.	.	-	+	+
1823d. Any time up to maturity . . . . .	+	+	+	-	-	.	.	.	.	-	+	+
1823e. When adult	+	+	+	-	-	.	+	.	.	-	+	+
1823f. Tattooed self	+	+	+	-	*+	+	+	+	+	-	+	+
<u>Milk Teeth</u>												
1824. Thrown away	+	+	+	+	+	+	+	+	+	*	-	-
1825. Toward sun	-	+	+	+	-	-	-	-	-	+	-	-
1825a. Morning star	+	.	-	-	-	-	-	-	-	-	-	-
1825b. In gopher hole . . . . .	.	.	.	.	.	.	.	.	.	+	+	+
1827. Direction (N,S,E,W)	-	E	E	E	+	-	-	-	-	*	-	-
1828. Back over shoulder	+	+	+	+	*+	-	-	-	-	-	-	-
1829. With eyes shut	+	+	+	+	*+	-	-	-	-	-	-	-
1831. Placed in clump of grass	-	-	+	-	-	-	-	-	-	-	-	-
GIRLS' PUBERTY												
<u>Restrictions</u>												
1833. Meat products taboo	+	+	+	+	+	*	+	*	+	+	+	+
1834. Salt taboo	+	+	+	+	-	+	+	.	+	+	+	+
1835. Cold water taboo	+	-	+	+	+	+	+	.	+	+	+	+
1836. Confined in house	+	+	+	+	-	+	+	.	+	+	+	+
1837. Talks softly or little	+	+	+	+	-	-	+	.	+	+	+	+
1838. Covered or veiled when going outside	+	-	+	+	-	-	-	.	-	+	+	+
1839. Skin or rabbitskin blanket	+	-	+	+	+	+	-	.	-	+	+	+
1840. Combing hair taboo	+	+	+	-	.	-	-	.	+	+	+	+
1841. Scratching stick used	+	-	+	+	+	+	-	.	+	+	+	+
1843. Looking at fire taboo	+	-	.	-	-	-	-	.	-	+	+	+
1844. Looking at sun, moon taboo	+	-	.	-	-	-	-	.	+	+	+	+
1845. Work taboo	+	+	+	+	-	+	-	.	+	+	+	+
1846. Pounding acorns taboo	+	+	+	+	+	+	+	.	+	+	+	+
1847. Getting wood taboo	+	+	+	+	+	+	+	.	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1848. Making baskets taboo	+	+	+	+	+	+	+		+	+	+	+
1849. Gathering	+	+	+	+	+	+	+		+	+	+	+
1851. Girl deloused	+	+	+	+	+	+	+		+	+	+	+
1852. Purification, bath	+	+	+	+	+	+	+		+	+	+	+
1852a. Clothes changed	+	+	+	+	+	+	+		+	+	+	+
1853. Clothes exchanged or given away . . .	+	-	.	-	-	+	-		.	-	+	+
1855. Clothes destroyed	-	+	+	+	.	-	-		-	+	-	-
<u>Public Recognition</u>												
1856. Feast for neighbors	+	+	+	+	+	+	+		+	*	+	+
1857. For all girls	+	+	+	+	+	+	+		+	-	+	+
1858. One girl at a time	-	+	+	+	+	+	+		+	-	+	+
1859. Duration, 1 day or less	+	+	+	+	+	+	+		+	-	+	+
1860. Dancing	+	+	+	+	+	-	-		+	-	+	+
1861. Night	+	+	+	+	+	-	+		+	-	+	+
1862. Outdoors	+	+	+	+	+	-	-		-	-	+	+
1862a. Indoors						-	+		+	-	+	+
1863. Men and women dance together	+	+	+	+	+	-	-		-	-	+	+
1864. In circle	+	+	+	+	-	-	-		.	-	-	-
1865. Girl dances	+	+	*	+	+	-	-		.	-	-	-
1866. Singing	+	+	+	+	+	-	-		+	-	+	+
1867. Cocoon rattle	+	-	+	+	-	-	-		-	-	+	+
1867a. Split-stick rattle					+	-	-		+	-	+	+
1868. Gourd rattle	+	-	+	-	-	-	-		-	-	-	-
1869. Rite conducted by chief	+	-	+	+	-	-	-		+	-	+	+
1870. Girl ceremonially washed	+	.	+	+	+	+	+		+	-	+	+
1871. Girl ceremonially painted	+	-	+	+	+	+	-		-	-	+	+
1872. Girl tattooed	+	-	+	-	-	-	-		-	-	+	+
<u>MENSTRUATION</u>												
1873. Fasts ... days for 1st menses	6	10	*1	2	*	4	4	4	4	*8	*	*
1873a. Meat products taboo	+	+	+	+	+	+	+	+	+	+	+	+
1874. Salt taboo	+	-	+	+	-	+	+	+	+	+	+	+
1875. Cold water taboo	+	-	+	+	-	+	+	+	+	+	+	+
1875a. Allowed out alone	+	+	+	-	+	-	+	+	-	-	-	-
1876. Confined to house	+	-	+	-	-	-	+	+	+	+	+	+
1877. Combing hair taboo	-	-	+	-	-	-	-	+	+	+	+	+
1878. Scratching "stick" used	+	-	+	+	+	+	-	+	+	+	+	+
1879. Cooking for others taboo	+	-	+	+	+	+	+	+	+	+	-	-
1880. Cooking meat taboo	+	-	+	+	+	+	+	+	+	-	-	-
1881. Bathing taboo	+	+	+	-	-	+	+	+	+	+	+	+
1882. Purification (bathing) compulsory at end . .	+	+	+	+	+	+	+	+	+	+	+	+
*1883. Restrictions extend to husband	-	-	+	-	-	-	-	-	-	+	+	+
1884. Hunting taboo	-	-	+	-	-	-	-	+	+	+	+	+
1885. Fishing taboo	-	-	+	-	-	-	-	+	+	+	+	+
1886. Gambling taboo	-	-	+	+	-	-	-	+	+	+	+	+
1887a. Taboo to step over husband	+	.	+	+	+	+	+	+	+	+	+	+
1887b. Taboo to touch husband	+	-	+	+	+	+	+	+	+	+	+	+
1887c. Must not touch husband's property	+	-	+	+	+	+	+	+	+	+	+	+
<u>VARIOUS</u>												
1887d. Young people bathe every morning	+	+	+	+	*	+	*	+	+	+	+	+
1887e. Sexes separate	+	+	+	+	+	+	-	+	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
1994h. Water	+	+	+	+	+	+	+	+	+	+	+	+
*1994i. Wormwood in nostrils	+	+	+	+	+	-	+	+	+	-	+	.
1994j. Chew it	+	-	+	+	+	+	+	+	+	+	+	+
1994k. Rub on body	+	*	+	+	+	+	-	+	+	+	+	+
1994ka. Hold in hand and smell						+	+	+	+	*	+	+
1994L. Sprinkle on fire to extinguish	+	-	+	-	-	-	-	-	-	-	+	+
1994m. Funeral of chief and commoner different	-	.	-	-	-	-	-	-	-	-	+	+
1994n. Burial in father's cemetery	-	+	+	*	.	+	+	+	+	-	*	*
1994o. In mother's cemetery	+	-	-	*	.	+	.	-	-	*	+	+
1994p. Brought remains home if death in foreign place	+	-	+	+	+	+	+	+	+	+	+	+
1994q. Chief in charge	+	.	+	-	.	+	*	+	+	+	+	+
1994r. All property on pyre	+	+	+	+	+	+	+	+	+	+	+	+
1994s. Little at a time	+	-	-	-	-	-	-	-	-	-	-	-
<u>Mourners</u>												
(Numbers refer to days; M, until tribal mourning ceremony; LM, until little mourning ceremony)												
Widow												
1995. Hair cut	+	+	+	*	+	4	4	3	LM	-	+	+
1996. Ends saved	+	+	+	-	+	-	.	+	-	-	+	+
1997. Made into mourning belt	+	-	-	-	-	-	.	-	-	-	-	-
1998. Thrown in river	-	+	-	-	-	-	.	-	-	+	-	-
1999. Burned	+	-	+	+	+	-	.	+	+	+	-	-
1999a. Buried						+	.	-	-	-	*	+
2000. Face not washed	M	M	M	M	M	M	M	M	M	M	M	M
2000a. Head or face pitched	-	-	.	-	-	-	-	-	-	-	+	+
2001. Dirt or ashes on head	-	-	+	-	+	-	-	-	-	+	+	+
2002. Meat products taboo	*	*	*	6	.	-	-	M	.	4	*	*
2002a. Parents-in-law were paid before eating	+	-	+	.	-	-	-	-	+	-	+	+
2003. Confined, or stayed at home	*	+	+	6	*	*	*	M	+	*	*	*
Blood Relatives												
2004. Touching corpse taboo	+	-	-	+	+	*	-	-	-	-	*	-
2005. Women cut hair	+	+	+	+	+	+	+	+	+	+	+	+
2006. Meat products taboo	*	*	*	6	-	-	-	+	+	+	+	+
2007. Salt taboo	*	*	*	6	-	-	-	+	+	+	+	+
2008. Hunting taboo	+	+	+	*	-	-	*	-	+	-	+	+
2009. Gathering taboo	+	+	+	*	-	-	-	-	+	-	+	+
Name Taboo												
2010. Name of dead taboo	+	+	+	+	+	+	+	+	+	+	+	+
2011. Indefinitely (permanent).	*	-	+	+	+	+	+	+	+	+	+	+
2012. Till formally regiven	+	-	+	+	+	+	+	+	+	+	+	+
2013. Till mourning ceremony	+	+	-	-	-	-	-	-	-	-	-	-
2014. Only in presence of kin	+	+	+	+	+	*	-	-	-	-	-	-
2015. Change name at death of namesake	-	+	-	-	-	-	-	-	-	-	-	-
2016. Circumlocution at death of namesake	+	-	-	-	-	-	*	-	-	-	-	-
Ghosts												
2018. Visible	+	+	+	+	+	+	*	+	+	*	+	+
2019. Audible	+	+	+	+	.	+	+	+	+	-	+	+
2019a. Faint when see one . . . . .	.	+	+	+	.	-	-	+	+	-	-	-
*2019e. "Big Bird" carried people away	+	+	.	.	+	+	+	+	-	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
2019f. Owl kidnaps baby										+	+	+
2020. Leaves grave, days after death	*0	+	3	.	.	-	.	.	+	*	4	4
2021. Direction (N, S, E, W)	W	.	.	-	.	-	.	.	.	-	S	S
2022. Soul flight and return		+	+	.	.	-	-	-	.	-	-	-
2024. Dream of dead (appearance of ghost) ill omen.	-	+	+	+	.	-	-	*+	+	-	-	-
2025. Bay leaves on door	+	+	+	+	.	-	-	-	+	-	-	-
2025a. Woodpecker, etc., feather . . . . .		.	+	+	.	-	-	-	-	-	-	-
2026. Tobacco on door	+	+	.	+	.	-	-	-	-	-	-	-
2026a. Wormwood									+		+	+
2027. Datura on door	+	-	.	+	.	-	-	-	.	-	-	-
2027a. Beads											+	+
2028. Angelica chewed and spat on door . . . . .	.	+	.	.	.	-	-	-	.	-	-	-
2030. Ghost told to leave . . . . .	.	+	+	+	.	-	-	-	+	-	+	+
2031. Datura drunk	-	-	+	*	.	-	-	-	-	-	-	-
2032. And spat on door	-	-	+	*	.	-	-	-	-	-	-	-
2033. Doctor visited if sick	+	+	+	+	.	+	+	+	+	-	+	+
MOURNING CEREMONY												
<u>Little Mourning Ceremony</u>												
2034. Present	+	+	+	+	-	+	+	+	+	+	+	+
2035. Time after death, days	*+	+	*+	+		8	+	8	8	8	6	6
2035a. After cremation						4	4	4	4	4	4	4
2036. Lasts, days	4	4	3	2		1	*+	1	1	1	2	2
2037. For one dead	-	+	+	+		+	+	+	+	+	+	+
2038. Chief sanctions	+	+	+	+		+	+	+	+	+	+	+
2039. For members of own tribe, only	+	+	+	+		+	+	+	+	+	+	+
2040. Mourners washed by blood relatives	-	-	-	-		-	-	-	-	+	-	-
2041. Nonrelative	+	+	+	+		-	*+	-	-	+	-	-
2042. Opposite moiety	-	+	+	-		+	+	-	-	-	+	+
2043. Anyone of own tribe	+	-	-	-		-	-	-	-	+	-	-
<u>Tribal Mourning Ceremony</u>												
2044. Individual, each dead separate	-	+	+	+		-	+	-	+	+	+	+
2045. Group, for several dead together	+	+	*+	-		+	-	+	-	-	-	-
2046. For all dead, as above	+	-	*+	-		+	+	+	+	+	+	+
2048. No. of years after death	2	2	1	2		1	1	*1	1	1	1	1
2049. Annual	-	-	-	-		+	-	+	-	-	-	-
2050. Irregular	+	+	+	+		-	+	+	+	+	+	+
2050a. Spring	+	+	+	+		+	-	-	+	-	+	+
2050b. Summer	+	+	+	+		+	-	-	+		+	+
2050c. Fall	+	+	+	+		-	-	-	+		+	+
2050d. Winter	+	+	+	+		-	-	-	+		+	+
2051. Other tribes invited	+	+	+	+		+	+	+	+	+	+	+
2053. Lasted, days	6	7	7	3		7	4	4	2	2	4	4
2054. Sanctioned by chief	+	-	+	+		+	+	+	+	+	+	+
2055. Loans by mourners	+	+	+	+		-	-	+	-	.	*	-
2056. To another tribe	-	-	-	+		*	-	+	-	.	-	-
2058. Opposite moiety	-	-	+	-		-	-	-	-	.	-	-
2059. Anybody	-	-	-	+		-	-	+	-	.	-	-
2061. Structure round or elliptical	-	+	+	+		+	+	*+	+	+	+	+
2061a. Round house (assembly house)							+	+	+	+	+	+
2062. Rectangular	+	+	-	-		-	-	-	-	-	-	-
2063. Brush fence, roofless	-	-	+	+		-	-	-	-	∟	-	-
2064. Flat shade	+	+	-	-		-	-	-	-	-	-	-
2065. Fence plus flat shade	-	-	-	-		+	-	-	-	-	-	-
2066. Dance in or under structure	+	+	+	+		+	+	+	+	+	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
2067. Dance in open	+	+	+	+	+	-	-	-	-	-	-	-
2068. Center pole	+	-	-	-	*	-	-	-	-	-	-	-
2069. Main entrance(s) face(s) (N,S,E,W) . .	-	-	.	-	W	-	S	N	NE	E	E	E
2069a. On account of wind					+	+	+	+	+	+	.	.
2071. Seating or eating allotment, dual	-	-	*	-	.	-	-	-	-	-	+	+
2072. Multiple	-	.	-	-	-	-	-	+	-	-	-	-
2073. According to geography	-	.	-	-	-	-	-	+	-	-	-	-
2074. Tribes	+	.	-	-	.	-	-	-	-	-	-	-
2075. Moieties or villages	+	.	+	-	.	-	-	-	-	-	+	+
2077. Husband and wife of different tribes separated	-	±	-	±	-	-	-	-	-	-	-	-
2078. Husband and wife of different vil- lages or moieties separated	-	±	-	±	+	-	-	-	-	-	+	+
2079. Two "tables"	-	±	-	-	-	*	-	-	-	-	+	+
2080. Professional performers	+	+	+	+	+	*	*	*	-	+	+	+
2081. Paid in beads	+	+	+	+	+	-	-	-	-	+	+	+
2082. Paid in other property	+	+	+	+	+	-	-	-	-	-	+	+
2083. Allowed to choose from offerings . .	-	-	*	*	.	-	-	-	-	-	+	+
2084. Shamans	+	+	+	+	-	-	-	-	-	-	+	+
2085. Berdaches	+	-	+	+	-	-	-	-	-	-	+	+
2086. Oratory ("preaching")	+	+	+	+	+	+	+	+	+	+	+	+
2087. By chief	+	+	+	+	-	+	+	+	+	+	+	+
2087a. By doctor (shaman).	+	-	-	+	+	-	-	-	-	-	-	-
2088. By orator	+	-	+	-	+	+	+	+	+	+	-	-
2089. Images	+	+	-	-	*	+	-	.	-	-	.
2090. Made by: relatives of dead	+	+	-	-	-	-	-	.	-	-	.
2090a. Anyone	-	-	.
2091. Appointed by chief						+	.	-	.	-	-	.
2092. Burnt with offerings	+	+	-	-	+	-	-	.	-	-	.
2093. Burnt at cemetery	-	+	-	-	-	-	-	.	-	-	.
2093a. Outside						+	-	-	.	*	-	.
2109. Hut for offerings	+	-	+	-	.	*	-	-	.	*	-	-
2110. Hole (grave) for offerings	-	-	+	-	-	-	-	-	.	-	-	-
2110a. Offerings on bearskin, near fire											+	+
2111. Poles for offerings, carried	-	-	+	-	-	-	-	-	.	-	-	-
2113. Sham battle	-	-	-	+	.	-	-	-	-	-	-	-
2114. For admittance to enclosure	-	-	-	+	-	-	-	-	-	-	-	-
2116. Mourners washed	+	+	+	+	+	+	+	+	+	+	+	+
2117. By opposite moiety	-	-	+	-	-	+	+	+	-	-	+	+
2118. By visiting tribe	+	-	-	+	+	-	-	-	+	-	-	-
2119. Paired tribe, specifically	+	-	-	-	+	-	-	-	+	-	-	-
2120. Nonrelative	-	-	+	+	+	+	+	+	+	+	-	-
2121. Washers paid	+	+	+	+	+	+	+	+	+	+	+	+
2122. Washer gives clothes washed	+	+	+	-	-	-	-	-	-	-	-	-
2123. Everyone in mourners' tribe or moiety washed	-	-	+	-	+	+	+	+	-	-	+	+
2123a. Gambling and merriment after ceremony	+	+	+	+	+	+	+	+	+	+	+	+
2124. "War" dance	+	+	+	+	+	+	+	+	+	*	+	+
2125. At end of festivity	+	+	+	+	+	+	+	+	+	-	+	+
2126. In circle, both sexes together	+	+	+	*	+	+	+	+	+	-	+	+
SHAMANISM												
<u>Herb Doctor</u>												
2127. Hereditary, patrilineal	+	+	+	-	-	+	+	+	+	-	+	+
2128. Instruction given	+	+	+	-	-	+	+	.	+	-	+	+
2129. Supernatural experience	+	+	+	-	-	-	-	-	.	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
2130. Mostly men	+	+	+	-	-	+	+	+	-	-	+	+
2132. Both sexes	+	+	+	-	-	+	+	.	+	-	-	-
<u>Deer Doctor</u>												
2132a. Deer shaman	+	+	+	-	.	-	-	-	-	-	+	+
2132b. Foretold success of hunt	+	+	+	-	.	-	-	-	-	-	+	+
2132c. Entices fawns	+	.	+	-	.	-	-	-	-	-	+	+
2132d. Told people where to go	+	+	+	-	.	-	-	-	-	-	+	+
<u>"Spirit Doctor"</u>												
2133. Hereditary, patrilineal	-	-	+	+	+	*	-	+	+	*	*	.
2133a. Bought . . . . .	-	+	-	-	-	-	-	-	.	.	.	.
2134. Instruction given	+	+	+	+	+	+	-	+	+	+	.	.
2134a. Received from dreams						-	+	+	+	.	.	.
2135. Men only	-	-	-	-	-	-	-	-	-	+	-	-
2136. Mostly men, some women	+	+	+	+	+	*	+	+	+	-	-	-
2137. Supernatural experience	+	-	+	+	+	.	+	+	+	.	-	-
2138. Dreams in normal sleep	+	-	+	+	+	.	+	+	+	.	-	-
2138a. In childhood (before puberty)	+	-	+	-	+	.	*	.	.	.	-	-
2139. When adult (after puberty) . . . . .	+	-	+	+	+	.	.	.	.	.	-	-
2140. Age of first dreams	*10	-	*10	+	*15	.	.	.	.	.	-	-
2141. Guardian spirit or totem	-	+	+	+	+	.	-	.	.	.	-	-
2142. Songs	+	+	+	+	+	.	+	+	+	.	-	-
2143. Curing methods	+	+	+	+	+	.	+	+	+	.	-	-
2143a. General, not confined to prospective doctors	-	-	+	+	.	.	-	-	-	.	-	-
2147. Vision quest with isolation	+	+	+	+	+	-	+	+	.	.	-	-
2148. Age of first quest . . . . .	.	20	.	*	*17	.	.	.	.	.	-	-
2149. Repeated in later life . . . . .	+	+	+	+	+	.	.	.	.	.	-	-
2150. Isolation, days or nights	*2+	+	+	2	1	.	.	.	.	.	.	.
2152. Repeated until power comes . . . . .	+	+	+	+	+	.	.	.	.	.	.	.
2153. Fasts from food, days	*+	+	+	2	+	.	.	.	.	.	.	.
2154. Fasts from water, days . . . . .	*+	+	+	-	+	.	.	.	.	.	.	.
2155. Fasts till power comes . . . . .	+	+	.	-	+	.	.	.	.	.	.	.
2156. Ants eaten . . . . .	+	-	.	-	-	.	.	.	.	.	.	.
2157. Tobacco eaten . . . . .	+	+	+	-	*	.	.	.	.	.	.	.
2158. Datura drunk in isolation	+	+	+	.	-	+	-	+	+	.	.	.
2159. Bathes in lake or stream . . . . .	+	.	+	+	+	.	-	.	.	.	.	.
2160. Under water . . . . .	*+	.	+	+	.	.	-	.	.	.	.	.
2160a. Under rocks in mountain . . . . .	+	+	+	+	-	.	-	.	.	.	.	.
2161. Sees guardian spirit or totem . . . . .	+	+	+	+	+	-	.	.	.	.	.	.
2162. Hears guardian spirit or totem . . . . .	+	+	+	+	+	.	.	.	.	.	.	.
2163. Feels guardian spirit or totem . . . . .	+	+	+	+	*	.	.	.	.	.	.	.
2164. Gets song . . . . .	+	+	+	+	*	.	.	.	.	.	.	.
2165. Gets curing technique . . . . .	+	+	+	+	*	.	.	.	.	.	.	.
2166. Vision quest general, not confined to prospective doctors	-	-	+	-	-	-	-	-	-	.	.	.
2168. Power from sun	-	+	.	+	*	-	-	.	+	.	.	.
2169. Power from trance or faint . . . . .	.	+	.	+	+	-	-	.	+	.	.	.
2170. Sick, days or nights . . . . .	.	-	+	*	7	-	-	.	+	.	.	.
2171. Nose or mouth bleeds . . . . .	.	-	+	+	+	+	+	.	+	.	.	.
2172. Guardian spirit or totem . . . . .	.	+	+	+	+	.	-	.	.	.	.	.
2173. Songs curing technique . . . . .	.	+	+	+	+	.	-	.	.	.	.	.
2173a. Curing technique . . . . .	.	+	+	+	+	.	-	.	.	.	.	.
2174. Diagnoses by singing and dancing	+	+	+	+	+	+	-	+	+	+	+	+
2175. Split-stick clapper	+	-	+	+	+	+	-	+	+	-	+	+
2176. Cocoon rattle	+	-	+	+	+	-	-	+	+	+	+	+
2177. Whistle	+	-	+	+	*	+	-	+	+	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
2178. Rubs Datura on eyes to see poison . .	+	-	+	-	-	-	-	.	.	-	-	-
2178a. Drinks Datura	+	-	+	-	+	-	-	.	.	-	-	-
2179. Guardian spirit tells location of poison	+	+	+	+	+	-	-	.	.	.	-	-
2180. Cures by sucking	+	+	-	+	+	+	+	+	+	+	+	+
2180a. Through pipe	-	-	+	-	-	-	-	-	-	-	-	-
2181. Scarification or blood letting . . .	+	+	+	+	+	+	+	+	+	+	+	+
2182. Extracted poisonous object (always) exhibited	+	+	+	+	+	+	+	+	+	-	+	+
2182a. Recovers lost soul	-	-	+	.	.	-	-	.	.	.	+	+
2182b. Shaman recovers . . . . .	-	-	+	.	.	-	-	.	.	.	.	.
2182c. Sends guardian spirit . . . . .	-	-	+	.	.	-	-	.	.	.	.	.
2183. Brushes or fans away disease	+	+	+	+	-	-	-	-	+	.	+	+
2184. With feathers	+	+	+	-	-	-	-	-	+	-	-	-
2185. Weasel skin	+	+	+	-	*	-	-	-	.	.	+	+
2186. Sprays water or saliva from mouth	+	+	+	+	*	*	+	.	+	+	+	+
2187. Blows tobacco smoke	+	+	.	+	*	-	-	-	-	-	+	+
2188. Ashes applied to patient	+	+	+	+	+	-	-	+	+	-	+	+
2190. Uses quartz crystal	+	+	.	-	-	+	-	.	.	.	+	+
2191. Uses charmstone	+	+	+	.	-	+	-	.	.	.	+	+
2192. Assistant(s), number	pl	l	*pl	-	-	-	-	-	-	-	2	2
2193. Patient decides amount of fee	+	+	+	+	+	+	+	+	+	*	+	+
2194. Paid before cure	-	+	+	+	+	+	+	.	.	+	-	-
2195. Paid after cure	+	+	+	-	-	-	-	.	.	-	+	+
2197. Returned or not taken if unsuccessful	+	-	*	+	+	-	-	-	-	-	+	+
2197a. "Fetish sack" or outfit bundle	+	.	+	+	+	+	.	.	+	+	+	+
2198. Liability for declining case	+	+	+	+	+	-	-	+	+	*	-	-
2200. May be accused of poisoning	+	+	+	+	+	+	-	.	+	+	-	-
2201. Poisoning by doctors	+	+	+	+	+	+	+	+	+	*	+	+
2201a. "Bullets" shot	+	+	+	+	+	+	+	+	+	*	.	.
2204. Class of doctor killers	+	+	*	+	+	+	-	+	+	-	*	*
2205. Men	+	+	+	+	+	+	-	+	+	-	.	.
2206. Hired by chief	+	+	+	+	-	+	.	.	+	-	+	+
2207. Hired by anyone	-	+	-	-	+	+	-	.	-	-	-	-
2208. Kill by natural means	+	+	*	+	+	+	*	+	+	-	+	+
2208aa. Kill by sorcery	+	+	+	+	+	+	+	+	+	-	+	+
<u>Singing Doctor or Talker</u>												
2208a. Patient saw ghost in dream	+	+	+	+	-	.	+	+	+	*	+	+
2208b. Doctor drives ghost away by singing	+	+	+	+	.	*	.	+	+	-	+	+
2208c. Shakes cocoon rattle	+	+	+	+	+	.	.	+	+	-	+	+
2208d. Goes out and consults spirits	+	+	+	+	+	.	.	+	+	-	+	+
2208e. Puts ashes on patient's head, blows them off.	+	+	+	+	+	l	.	-	+	-	+	+
2208f. Dream of food cause of food taboo	+	+	+	+	+	.	.	.	+	-	+	+
2208g. Wanderers caused by spirits calling them . .	+	+	+	.	-	.	.	.	.	-	+	.
<u>Public Competitions</u>												
2209. By "spirit doctors"	+	+	+	+	*	-	*	-	+	-	-	-
2210. At mourning ceremony	+	-	+	+	+	-	-	-	+	-	-	-
2211. "Bullets" shot	+	-	+	*	+	-	-	-	+	-	-	-
2212. With circular basket tray	+	-	+	+	+	-	-	-	-	-	-	-
2213. Visible to all	+	-	+	+	+	-	-	-	+	-	-	-
2215. From fire, ultimately sun . . . . .	.	.	+	+	+	-	-	-	.	-	-	-
2216. Recipient may return	+	-	+	.	+	-	-	-	-	-	-	-
2217. Contortions by performers	+	+	+	.	+	-	-	-	+	-	-	-
2218. Losers cured by winners	+	+	+	.	+	-	-	-	+	-	-	-
2219. Losers sometimes die	+	+	+	.	-	-	-	-	.	-	-	-
2220. Performers paid	+	+	+	+	+	-	-	-	.	-	-	-

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
2220a. Shaman contests	+	+	+	.	-	-	-	-	.	-	-	-
2220b. Calls totemic animal	+	+	+	.	-	-	-	-	.	-	-	-
2220c. Failure equals death	+	+	+	.	-	.	.	-	.	-	-	-
2220d. Rival called pet away	+	.	+	.	-	.	.	-	.	-	-	-
<u>Rattlesnake Shamans</u>												
2221. Hereditary, patrilineal	+	+	+	+	+	*	-	-	+	-	*	*
2222. Instruction given	+	+	+	+	+	.	-	-	.	-	+	+
2223. Supernatural experience required	+	+	+	+	+	+	-	-	.	-	-	-
2224. Rattlesnake guardian spirit or totem.	+	+	+	+	+	+	-	-	-	+	+	+
2225. Immune to rattlesnake bite	+	+	+	+	+	+	-	-	-	+	+	+
2226. Power from sun	+	-	.	.	+	-	-	-	-	+	+	+
2227. Mostly men, some women	-	+	+	-	-	+	-	-	-	-	-	-
2228. All men	+	-	-	+	+	+	-	-	-	+	+	+
2229. Bone whistle to call snakes	+	+	+	+	+	-	-	-	-	-	-	-
2229a. Sings to call snakes											+	+
2230. Snakes kept in bottleneck basket	+	+	+	-	+	-	-	-	-	+	+	+
2230a. Snakes kept in plain basket						+					-	-
2231. Cures snake bite	-	-	*	+	+	+	-	-	-	+	+	+
2233. Rattlesnake ceremony	+	-	.	+	+	*	-	-	.	-	+	+
2234. Annual	+	-	.	-	-	.	-	-	.	-	+	+
2235. Spring	-	-	.	*	-	.	-	-	.	-	+	+
2236. Summer	+	-	.	*	-	.	-	-	.	-	-	-
2237. Entire gathering lasts ... days	6	-	.	+	*2+	-	-	-	.	-	4	4
2238. Actual ceremony lasts ... days	2	-	.	+	1	-	-	-	.	-	*1	1
2239. Chief provides food	+	-	.	.	+	-	-	-	.	-	+	+
2240. Shamans provide food	+	-	.	.	-	-	-	-	.	-	-	-
2241. Sham curing rite	+	-	.	.	+	-	-	-	.	-	+	+
2242. Stepping rite, snake in hole	+	-	.	.	-	-	-	-	.	-	+	+
2243. Snakes handled	+	-	+	*	+	-	-	-	.	-	+	+
2244. Similar performance at mourning ceremony	+	-	.	+	-	-	-	-	.	-	-	-
<u>Other Shamans</u>												
<u>Weather Shamans</u>												
2245. From other tribes	-	-	+	-	+	-	-	-	+	*	*	-
2245a. Hereditary, patrilineal	*	+	.	-	+	-	-	-	.	-	+	+
2246. Instruction given	+	+	.	-	+	-	-	-	.	-	+	+
2247. Supernatural experience required	+	+	.	-	+	-	-	-	.	-	-	-
2248. Men mostly	+	+	+	-	+	-	-	-	.	-	+	+
2249. Both sexes	-	+	.	-	-	-	-	-	.	-	-	-
2250. Make rain	+	.	+	-	+	-	-	-	.	-	+	+
2250a. Make windstorm	+	+	+	-	+	-	-	-	.	-	+	+
2252. Charmstone	+	.	+	-	-	-	-	-	.	-	-	-
2254. Sprinkle or throw dirt	+	.	+	-	-	-	-	-	.	-	-	-
2255. Contortions	+	+	+	-	-	-	-	-	.	-	-	-
2256. Shouting	+	+	+	-	-	-	-	-	.	-	*	+
2257. Make rain stop	+	+	+	-	.	-	-	-	.	-	+	+
2258. Perform at mourning ceremony	+	+	.	-	.	-	-	-	.	-	+	+
2258a. No particular occasion	+	+	+	-	.	-	-	-	.	-	+	+
2259. Perform at any time	+	+	+	-	.	-	-	-	.	-	+	+
2260. Separate public ceremony	+	.	.	-	.	-	-	-	.	-	+	+
2261. Paid for performing	+	-	+	-	+	-	-	-	.	-	+	+
2262. Bet on outcome	+	-	+	-	.	-	-	-	.	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
<u>Bear Shamans</u>												
2263. From other tribes, not local	+	-	-	-	+	-	-	-	.	-	-	*
2263a. Power by supernatural experience	+	-	+	+	+	+	-	-	.	-	+	+
2263b. Kept in she-bear's den a winter	+	-	+	-	*	-	-	-	.	-	+	+
2263c. Hereditary, patrilineal	+	-	+	+	+	.	+	-	.	-	+	+
2264. Instruction given	+	-	+	+	+	.	+	-	.	-	+	+
2265. Supernatural experience	+	-	+	+	+	+	+	-	.	-	+	+
2265a. Dreams	+	-	+	+	+	.	+	-	.	-	+	+
2266. Bear guardian spirit or totem	+	+	+	+	+	+	+	-	.	-	+	+
2267. Mostly men	+	+	+	+	+	+	+	-	.	-	+	+
2268. Both sexes	-	-	-	+	-	.	-	-	.	-	-	-
2269. Wear bearskin	-	+	+	-	-	-	-	+	.	-	-	-
2270. Wear bear claws	-	+	+	+	-	-	-	+	.	-	-	-
2271. Transformation to bear	+	+	-	.	+	+	-	-	+	-	+	+
2272. Invulnerability	+	+	-	.	-	+	-	+	+	-	+	+
2273. Power of rapid travel	+	+	.	+	.	+	-	+	+	-	+	+
2274. Public bear dance	+	+	+	+	+	-	-	+	+	-	+	+
2275. Fall	-	-	-	*	*	-	-	+	.	-	-	-
2275a. Spring	+	+	+	*	*	-	-	-	.	-	+	+
2276. Winter	+	+	+	*	*	-	-	-	.	-	-	-
2277. Whole gathering lasts ... days	6	7	7	6+	7	-	-	6	.	-	4	4
2278. Actual bear dance (days)	1	1	1	*	2	-	-	2	4	-	1	1
2279. Bear lineage provides food	-	-	-	.	-	-	-	.	.	-	-	-
2279a. Everyone provides food											+	+
2280. Performers paid	+	+	+	+	-	-	-	.	4	-	+	+
2281. Perform at mourning ceremony	+	+	+	+	+	-	-	.	+	-	+	+
2281a. Bears carried people away and married them	+	+	+	.	+	-	-	.	.	-	+	+
2281b. Children half-bear	+	+	+	.	*	-	-	.	.	-	+	+
2281c. Money Finders			+	-	-	+	-	-	-	-	+	+
2282. From other tribes, not local	-	+	.	-	-	*	-	-	-	-		
2282a. Hereditary, patrilineal	+	+	.	-	-	-	-	-	-	-	+	+
2283. Instruction	+	+	.	-	-	-	-	-	-	-	+	+
2284. Supernatural experience	+	+	.	-	-	+	-	-	-	-	+	+
2285. Full-length feather cloak	+	+	.	-	-	-	-	-	-	-	+	+
2285a. Full-length buzzard-feather cloak											+	+
2286. Condor feathers	+	+	.	-	-	-	-	-	-	-	-	-
2287. Carry long stick or two	+	+	.	-	-	-	-	-	-	-	+	+
2288. Money hidden	+	+	.	-	-	-	-	-	-	-	*	*
2289. Shaman whistles	+	+	.	-	-	-	-	-	-	-	+	+
2290. Shakes cocoon rattle	+	-	.	-	-	-	-	-	-	-	+	+
2291. Listens to hear money rattle	+	+	.	-	-	-	-	-	-	-	+	+
2293. Function at mourning ceremony	+	-	.	-	-	-	-	-	-	-	+	+
2294. Function at any public gathering	+	+	.	-	-	-	-	-	-	-	+	+
<u>Various</u>												
2294a. Fire handling	+	+	+	.	*	+	-	-	+	-	+	+
2294b. Fire eating	+	+	+	.	*	+	-	-	+	-	+	+
2294c. Walk in fire									+	-	+	+
VARIOUS RELIGIOUS CONCEPTS												
<u>Offerings</u>												
2295. Eagle down	+	+	+	+	-	-	-	-	+	-	-	-
2296. Meal or seeds	+	+	+	+	-	-	-	-	+	-	+	+

	Yj	Ma	Mn	Ys	M1	M2	M3	M4	M5	M6	M8	M9
2297. Tobacco	+	.	+	+	-	-	-	-	+	-	+	+
2298. Shell beads	+	+	+	+	-	-	-	-	+	*	+	+
<u>Whirlwind</u>												
2299. Ghost in	-	-	-	-	.	+	-	+	+	-	+	+
2299c. Headache if contact	+	+	+	+	.	+	+	+	+	*	*	+
2299ca. Bad luck if contact . . . . .					.	+	+	+	+	-	+	+
2299d. Crazy if contact	+	+	+	+	.	-	+	+	+	-	-	-
2300. Spirit (not ghost) in	+	+	+	+	+	+	+	+	-	-	-	-
2303. Spit at to stop	+	-	-	+	-	+	*	-	+	-	+	+
2303a. Scrape some stone in fire . . . . .					.				.		+	.
2304. Throw water at	+	-	-	+	-	-	-	-	+	-	-	-
2304a. Pray								+	-	-	+	+
2305. Point at or motion to	+	+	-	+	-	+	-	-	+	-	+	+
2305a. Blow at it					*	+	+	-	-	-	+	+
2306. Dodge it	+	+	+	+	-	+	+	-	-	-	+	+
2306a. Talk to it			+	+	-	+	+	+	+	-	+	+
<u>Bird Ceremony</u>												
2307. Buzzard (turkey vulture)	-	-	-	-	-	-	-	-	-	-	+	+
2307a. Eagle	+	+	+	+	+	+	-	+	+	-	+	+
2307b. Crow	+	-	-	-	-	-	-	-	-	-	.	.
2307c. Coyote	+	+	+	+	+	+	+	.	-	-	+	+
2307ca. Bear						+	+	+	+	-	+	+
2307f. Eagles captured	+	+	+	+	+	+	-	+	+	-	+	+
2307g. Have dance	+	+	+	+	+	+	+	+	+	-	+	+
2307h. Everyone pays hunter	+	+	+	-	+	-	-	+	+	-	+	+
2307i. Sold to another tribe	-	+	+	-	-	-	-	+	+	-	-	-
2307j. Dance by men	+	+	+	+	*	+	+	+	+	-	+	+
2307k. Dance by women	+	+	+	+	-	+	+	+	+	-	+	+
2307kk. All dance	+	+	+	+	-	+	+	+	-	-	+	+
2307m. Eagle dances also											*	*
<u>Personal Names</u>												
2308. Named after totem animal	+	-	.	+	+	+	-	+	+	*	+	+
2309. Inherited from paternal side	+	+	+	+	+	+	+	+	+	-	*	+
2311. Same sex to same sex	+	+	+	+	+	+	+	+	+	-	+	+
2312. After living relative	+	+	+	+	+	+	+	+	.	-	+	+
2313. Named after relative dead how long (years) . .	0	2	1	*	1	-	-	-	.	-	-	-
2314. Named after own parent	+	+	+	+	-	-	-	-	-	-	-	-
2315. Nicknames	+	+	+	+	+	+	+	+	+	-	+	+
2316. More than one name	+	+	+	+	-	+	+	+	+	-	+	+
2317. Names changed in later life	-	+	-	-	-	-	-	-	-	-	-	-
2318. Two persons with same name	+	+	+	+	+	-	-	-	-	-	+	+
2319. Regard each other as brothers	+	-	+	+	+	-	-	-	-	-	+	+
2321. Share property	+	-	+	-	+	-	-	-	-		+	+
2323. Parents as own parents	+	-	+	.	+	-	-	-	-		+	+
2324. Use of proper name an insult	-	-	-	-	-	+	+	+	+	-	-	-

ELEMENTS DENIED BY ALL INFORMANTS

SUBSISTENCE

Hunting

Driving and trailing--Into enclosure with V-shaped chute. Traps, nets, and snares--Spring-pole snare for ducks, trigger under water. Maze-entrance enclosure for ducks, roofed. Basket traps for woodpeckers. Game shot from booths or blinds with arrow with string attached; blind on tule balsa. Animals not used as food--Prairie falcon, woodpecker, magpie, yellow-jacket larvae, grasshoppers, caterpillars (chrysalids), river mussels (i.e., eaten). Hunting observances--Deer heart taboo to young. Quail eggs taboo to young only. First to reach kill has choice. Hunter gets front quarters; hind quarters; head. Eagle down offered slain deer.

Fishing

Nets close automatically. Lamprey eel fishing communal. Fish creel, spindle shaped.

Gathering, Preparation, Storage of Food

Acorn bread mixed with earth (clay). Pulverized animal and fish bones eaten for strength. Long cedar-bark tubes as granaries. Maize, beans, pumpkin, watermelons. Storage in pits. Irrigation of wild-food crops.

Pets

Prairie falcons kept in cages. Wings of game birds plucked. Shaman told individual his totem animal.

HOUSES

Special huts--Ground plan rectangular. Built elliptical or elongated. Living houses--Single ridgepole. Posts supporting ridge. Hip-roofed. Double lean-to (gabled). Four-double-pole foundation. Single center post. Earth covering all over. Sweat house--Construction directed by doctor. For certain diseases. Two sweaters only have wood. Assembly house--Rectangular ground plan. Construction supervised by doctor. Dwellings--Population shifts annually. Arrangement in town: rows, single rows; double rows, street between; north and south rows; east and west rows. Communal houses--Several entrances. Separate fires. Partitions.

TOOLS, UTENSILS, TECHNOLOGICAL PROCESSES

Grinding--Squared mullers. Brushes--Hair

glued to stick with pitch. Porcupine tail for hairbrush. Awls and needles--Awl handles covered with asphalt. Fire making--Composite drill. Slow match. Skin dressing--Done by women (i.e., only men dress skins).

WEAPONS

Bows--Vegetable-fiber bowstring only on self bow. Vertical or nearly vertical position when shooting. Bow strung when not in use. Bow wood from special side of tree. Arrows--Two wooden points, for birds. Asphalt adhesive for attaching feathers. Rattlesnake poison. Arrow release: Mongolian; Mediterranean. Quivers--Woven tulle, twined. Glue for weapons--Fish skin; lamprey skin. Slings--For war.

BODY AND DRESS

Men's hair length to shoulders. Beard plucked on part of face each time. Females remove pubic hair with stone flake; shell tweezers; split cane or wood tweezers. Juice of blue flower squeezed in tattooing. Robes and capes of mt. sheep hide. Loin covering of woven bird skins. Back apron of woven bird skins. Snowshoe of bent willow or hazel; lashings of withes; "handled" type (like white man's snowshoe). Ashes for gray or white paint.

BASKETRY

Coiling technique--Triangular foundation. Twining technique--Diagonal, two-strand.

WEAVING AND NETTING; CRADLES; CORDAGE

Hand only to twist skins. Bird-skin blankets made same way as rabbitskin blankets. Y frame for lying-type cradle. Cordage of reed (Phragmites). Cordage made by women.

GAMES

General features--Along a course, not returning. In all games sides are moieties. Shinny--Propulsion with netted stick. Hoop-and-pole--Pole over hoop scores. Pole under hoop scores.

PIPES; TOBACCO

Pipe of stone; pottery. Bowl on end.

Tobacco pruned; irrigated; weeds removed; plants thinned. Straw-sack container.

MUSICAL INSTRUMENTS; ARCHAEOLOGICAL RESIDUUM

Cocoon rattle used other than by doctors and in dancing. Dried deer ear for rattle.

Pictographs made by recent humans; by anybody; by baby.

CALENDAR; ASTRONOMY

Old men have set of fire stirrers, one for each moon, when set burned up, year (winter) is ended. Only children go out to see new moon. Moon's horns vertical signifies death. Moon eclipse due to "bugs" eating; to coyote's tail in front. Sun eclipse due to gopher eating; coyote; coyote's tail in front. Sun female. Moon female. Coyote in moon.

MARRIAGE; KINSHIP AVOIDANCES

Levirate after divorce of brother. Former husband's parents paid by female divorcée. Divorced wife's parents paid by ex-husband. New husband pays for divorcée.

Avoidances.--All parents-in-law and children-in-law: temporary, when newlywed or until first child. If of same sex: speak little; turn aside on trail; not laugh. Father-in-law and daughter-in-law: not laugh. Brother and sister: speak little; plural address; head covered.

VARIOUS SOCIAL INSTITUTIONS

Personal names inherited from maternal side. Wives shared; husbands shared.

MOIETIES AND LINEAGES; CHIEFS AND OFFICIALS; LAND OWNERSHIP

Moieties localized or isolated; subdivided; moieties have assistant chiefs; moieties purely ceremonial.

Chieftainship to widow. Female chief head chief. Assistant chief substitutes for head chief when latter absent; provides money for public

ceremony. "Judge" or counselor as office. Song leader chosen by people.

Private or household ownership of tobacco land; seed tracts or trees; hunting tracts. Boundaries marked.

BIRTH; GIRLS' PUBERTY; MENSTRUATION

Birth.--Mother sits at delivery. Navel cord worn by child; kept in house. Restrictions on mother: scratches with bone. Restrictions on father: washes own clothes in purification ceremony. Milk teeth thrown toward new moon; placed in excrement; buried on shady side of bush.

Girls' puberty.--Scratching bone used. Work or exercise compulsory. Clothes washed at purification.

Menstruation.--Girl sleeps in menstrual hut.

DATURA

Group drinking.--Sexes separated. Before sexual experience only. Drinking in sweat house; dwelling-house type. Foot race after drinking. Ant fortitude ordeal: external biting.

DEATH; MOURNING CEREMONY

Corpse taken out of house immediately. Only those in charge dance around fire.

Mourners washed by members of another tribe. Mourning ceremony for prominent persons only. Loans by mourners to paired group only; returned double. Center pole for mourning structure bought from another tribe. Seating or eating allotment according to lineages. Images made by chief. Some images burnt with offerings. Images given away; images thrown to crowd. Single stationary pole for offerings.

SHAMANISM

Herb doctor.--Mostly women. "Spirit doctor".--Eats part of corpse for power. Patient decides amount of fee: instalments throughout night. Financial liability for declining case. Unsuccessful doctor killed; his body burned. Public competitions.--Spirit "bullets" shot visible only to doctor.

ETHNOGRAPHIC NOTES ON THE ELEMENT LIST

[The notes in this section are additions to the list proper and explanations of some of the elements which I added to Driver's list. They are indicated in the lists by asterisks. If any further information concerning the elements is desired, it will be best to refer to Driver's work which preceded mine and which was the foundation for my list.]

SUBSISTENCE

Hunting

Driving and trailing.--

1. M3: Men placed at deer runs; 1 or 2 would go into brush, scare deer out. This repeated at other places where deer likely to be. M6: 2 parallel fences were constructed about 50 feet long, 1 foot high, and 1 1/2-2 feet apart. 1 end was closed. Loops of women's hair or of horse-tail hair placed in gaps in both fences and on ground. Grass seed used for bait. Entrance not wider than rest of trap. Leader of quail usually entered trap first, rest following. Menstruating women or women with children never allowed near trap.

1a. Several men would encircle a territory and gradually draw together for purpose of shooting deer. Other animals also killed at this time.

5d. Taboo to drink water when using fire for hunting purposes. M8: Bad luck if drank water while hunting deer; never drank then.

8. M5: Mountain sheep occasionally killed in mountains.

8a. Locating deer by following their trail.

9. Hunter, within sight of a deer, keeps it moving so it is unable to sleep or eat. This continues for several days. When deer tires, hunter gets within shooting distance and kills it. Sometimes hunter loses deer in night, but tracks it next morning and repeats process. M3: Ran deer down on foot. Hunter slept at night, continued early next morning, keeping this up for 3 or 4 days if necessary.

10. M5: 2 men also.

12. M8: No dogs in prewhite days.

13. M8: Certain kind of "medicine" is burned; when deer smells smoke, becomes dazed, is easily killed. Deer will approach anyone carrying certain roots because of smell. All this is aside from hunters' magical powers which aided them in same manner.

13a. M7: Cleaned at home.

13c. At time deer was butchered, stomach was cleaned, filled with blood, pieces of the heart, liver, and choice bits of meat, and cooked and saved for winter. When ready to eat it, recooked amount to be eaten. M4: Fire built in specially dug hole in ground. When earth thoroughly heated,

fire was removed and stomach placed in and covered up. Next day stomach taken out, stored for winter use. M8: Eaten at big time. Not saved for winter.

Traps, nets, and snares.--

17c. M8: Sung by Indian doctor.

17f. M1: Trap used here.

20. M2: Became dizzy, ill if saw young rabbit.

Nobody ate them.

21b. M8: Stops it up and then opens it and gets each one as it comes out.

22a. M8: Captured almost every kind of animal.

22b. Birds get entangled in nets.

26b. M3: Greasewood fence, 1/2-mile long, in thick brush for quail.

26c. Mn: Along top of high hill. Remained there all day. Catch divided among all village. Ys: Went up a hill, along top, down other side. M1: Trap near water only. M4: Placed on W side in spring, on E side in fall, because quail go into mountains in spring, into valley in fall.

26f. M8,9: 2 or 3 men do it; not necessarily related. Usually man, his grandfather, his brother, his son, and grandsons do it together. Net owned by oldest male, usually grandfather. "He is like a boss."

26g. Yj: According to time element, i.e., when nothing else to do or when thought was about time.

26h. M2: Every 2 or 3 days.

26i. M2: Quail hung in trees for about 4 days, i.e., duration of hunt. Then taken home, cleaned, made soup from them or roasted them and dried remainder for winter. Divided among everyone in village. M3: Not allowed to eat quail with salt. Quail only trapped; bad luck if caught any other method.

26j. Mn: At times.

29. M8: Opening placed against opening of nest.

32. M8: Young ones captured also; taken home and reared. When mature, eaten.

40. M8: Deer brush hung above pit. When deer eats it, falls through.

44. M8: Then shot with arrow.

45. M3: Made house of willow near spring. Shot rabbits, gray squirrels, and so on. M5: Just hid in bushes.

46. Ys: Foot trap with string and stick which snaps over and kills bird.

Decoys and disguises.--

51. M8: Purpose: to get deer to come close, to shoot it.

55. M3: "Deer brush" leaf to call deer to hunter. Put in mouth, draw air in; leaf between lips; sounds like squeal.

57. Element can be divided into: (a) Sharp shout to startle deer. Causes it to stop, allowing hunter to shoot. (b) Imitating mating call of deer, which draws it to hunter. Since both methods prac-

ticed and, according to informants, used at same time, I have not separated them. M3: Noise deep in throat. Draw air in. Pharyngalized fricative.

Various.--

58. M2,8: Pine torch. Shot birds out of trees.

61a. Stamp on ground with feet or stick to scare out rodents.

67. M2: Large basket, sometimes more than 1, placed in clearing. People circle and close in on basket, making noise and stamping on ground to cause grasshoppers to jump into basket. Also build fence, toward which women chase grasshoppers. Also soak in warm water and eat. M4: Driven into creek, picked up with basket and placed in hot water. M5: Catch by putting water in trench.

67a. Ys: Just burned over ground and picked them up.

68. M2: Knocked off of branches with sticks, and caught in baskets.

68a. When caterpillars fat and crawling on trees and bushes, women go out and yell "hlo:' hlo:'." Caterpillars hang by their heads and shake (quiver). Placed in hot water, boiled and, after water squeezed out, eaten.

Animal foods not used.--

83. M4: Very much afraid of owls; ran away when heard them.

90. Either land or water tortoise, or both.

Animals feared.--

96a. M6: Only captain and members of his family unafraid.

Hunting observances.--

98. M6: Did not bring heart back. Since had to pack deer from mountains, just best parts brought home.

99. M1: Because disagreeable taste. M6: Only ate them if they had hair. Young people not allowed to eat them because could still have children, which would be born crazy. They were not allowed to eat young rabbits either. M8: "Makes one crazy."

102. Ys: First 10 deer taboo to him. M3: Had to kill about 4 first. M8: Allowed to eat part of 4th one. "They have a 'big time' then."

105. M8,9: Has to bathe and wait about 2 hours.

107. M4: Individual sweat houses with room enough for 1 man and a fire. All deer hunters used sweat house, but only 1 at a time. Rocks placed in water in which have been steeped strongest smelling weeds obtainable; hunters wash themselves with it. M8,9: Rubs medicine all over self also.

108. M3: It would "make the stomach too heavy." M6: Chewed on something to keep thirst quenched. M8: Just a little acorn soup.

111. M8,9: Danced for 4 days and nights in round house; everyone attended. In old days no round house, only sweat house; more than 200 could fit in.

112, 112a. In some places sweat house different from round house. Sweat-house ceremony attended only by hunters, while round-house ceremony attended by all community. This problem continually vexed me since sweat house and round house same in some groups, while in others sweat house used only by mature hunters. These 2 elements could have been broken up into several.

113. M1: All men go hunting for 4 days and all come back together. Chief sets date; calls all the people together, and also invites other villages by means of messenger. First night after hunt, dance and sing. Gathering lasts 3-6 days. Visitors bring nothing. No gambling at this time, just big hunt. M4: Sing and pray 4 days for eagle.

117. Yj: Killer gets no meat, only honor. Ma: Killer has choice.

Fishing

122. M3: Net about 10 feet long (willow). Dam built across river with opening in middle. Wild-grape vine used to tie willow basket approximately 10 feet long in opening of dam.

122a. M8,9: Men fashioned a "drag" long enough to stretch from 1 side of river to other. This manufactured out of willow, grapevine, brush, or the like. As "drag" was pulled upstream toward a stationary net stretched across river, men walked behind stamping on river bed with long poles, thus causing fish to move ahead of the "drag." Other people scooped the fish out of space between "drag" and net. Fish also speared at this time.

122b. M3: Other villages invited for the eating.

122d. Net hung horizontally on 2 poles forming a V.

123c. Mn: Straight across.

123f. M5: Just a "big time" before fishing.

123k. M2: Acorns cracked and dried for 4 days. All contributed. Pounded by everyone. Young men went hunting for deer and had a big time. No special night. M3: First acorns of season gathered by everyone. Then men hunted for 4 days. Then had big feed.

123q. M3: Hunter divides it, but of his own accord.

123s. M3: Chief owned fishing grounds, but all used them.

127. M1: On half circle, like bow. M4: Net mouth attached to bowlike object, i.e., bent stick with string attached to both ends keeping stick bent. When fish in net either mouth closed below bent stick with hands or contraption tilted so net mouth closes.

129aa. Ys: Used to spear them. If one caught, great many more came and easily caught. M2: Have hands full of grass and grab eels. M3: Eels hang onto rocks near waterfalls. Hooked off with crooked hook fastened on end of stick. Thrown on shore. M4: Clasp eel in teeth and push stick on string through gills; many placed on 1 stick.

129j. M5: There was a big cave where men chased

fish out into baskets set outside with a net. 3 or 4 men pulled the whole thing out. M8: 2 or 3 men (usually relatives) do it.

131. Ys: A few men held net down, others drove fish over net; then all raised net at once; kept repeating process. Also dragged river; men went ahead to spear and scoop fish out.

135. M4,5: Men hauled net upstream. No floats (M5). Other men dived and pushed sinkers along.

141. M3,4,5: Rock dam built across river where quite shallow. Contains spillway where trap placed. Trap shaped somewhat like cone with 1 side slightly flattened. This side placed on river bed. Trap mouth placed so spillway flows into it; is large enough to project above water level. Principle: fish come over spillway into trap; force of water keeps them from escaping over spillway.

144. M2: When, or where, water very low, one walked in river and speared fish; when river high, done along banks.

146. M1: Fish further down river; only some trout here during part of year.

147. M3: Spearhead so constructed that could not be easily withdrawn by fisherman or shaken loose by fish.

158. M4,5: Picked place where river bed already covered with white stones.

171. M4,5: After poisoning.

173. M4: Nets hung across river with floats and sinkers. When stick moved, went in and took salmon out. Only used nets for salmon. 1 net placed on a riffle; other dragged slowly toward first; fish caught in between. Dived down and moved rocks (sinkers) along river bed as net was moved.

174. To draw fish to fisherman and to see fish so can be speared and scooped out of water.

179. M1: Only small fish here. Held in hand and hit on rock. M4: Afraid. M8,9: Sometimes thrown in sun and die.

184. M4: Limb of tree which can be used like rope. Wild-grape vine.

Gathering, Preparation, Storage

185. M2: Hazelnut sticks used for whipping acorns down. M4: Limbs cut off before quite ripe. Also nuts shaken and knocked down. M6: Waited until acorns dropped off, then picked them up. Knocked rest off with straight willow pole, 20-30 feet long. Never climbed tree; very particular about that. M8,9: Acorns knocked off only for acorn rite, otherwise waited until fell off.

186. M3: Chokecherry.

190b. M6: Big time held so everything would be eaten. Traded for meat and so on. M8,9: Other people are called to pick them up.

190c. Ys: Often traded for different kinds of acorns, e.g., black oak for white oak.

190d. M2: Only for trip. M3: 4 days.

190f. M2: Used dry, and eaten with acorn soup or mush.

190g, h, i. Ys: Pulverized and eaten dry before mush.

190h, i. Ma: Mixed with other things, e.g., acorn.

190i. M8,9: Little biscuit.

190j. M6: Traded for it. Pounded with acorns and cooked. Salt added to kernel, and mashed and eaten with acorns. Very infrequently used.

191. Sand-basin is artificially constructed on a frame. M1: Acorns gathered when green, brought to temporary camp where husked, placed on flat rocks to dry in sun for from 3 to 4 days depending upon weather. When thoroughly dry, taken to permanent village, stored for winter. As needed, taken out of granary, pounded into fine flour in bedrock or portable mortar. Then fire made near stream and the cooking rocks placed in it until quite hot. Meanwhile flour placed in large basket containing about 4 or 5 gallons of water and stirred thoroughly. Then mixture scooped out with small basket and poured into sand-basin. After water seeps through and acorn flour dry, hot water, made by dropping the heated rocks from fire into basket of water, poured over. This repeated several times, waiting until flour dry each time, until flour in sand-basin is brown on top. This brown flour finest grade; is scraped off and put to one side. Remainder of the flour much coarser. By this time bitterness has been removed from flour. Bottom layer placed in basket and hot water poured over; stirred into thin mixture about consistency of milk. Then 3 or 4 hot rocks put in at one time; repeated until mixture begins to boil. Usually 2 women take care of all these operations simultaneously; 1 stirs rocks in mixture so baskets will not burn, other takes care of fire, heats and transports rocks to and from fire. After acorn flour cooked (determined by taste), rocks taken out, mush placed in other baskets and taken home. Then cook fine flour in same baskets used for first batch, in same way. When finished, second batch a little thicker than cream whereas first batch even thicker. Amount made sufficient for family under ordinary circumstances for 2 or 3 days. Sand-basin construction: frame of 4 posts with the crosspieces covered with circular layers of brush, then twigs, then grass, and finally sand. 3 1/2 feet in diameter, about 2 1/2 feet above ground. Some grass is placed on top of the sand so when poured in the acorn gruel will not splash or lap over sides. Sand-basin leveled so acorn gruel will be same depth throughout.

191a. "Hard ground" is a natural place where shallow hole dug. The sand-basin allows the water to drain off more rapidly than this arrangement.

191, 191a. Mn, M2: Hole in hard ground and about 1 foot of sand in it.

192. M6: Grass placed where water is poured so flour will not run off.

196. M6: Valley acorns could not be cooked on rocks to make bread. Bread had to be made in baskets, as mush was made, only with less water.

212. Ys: Boiled and peeled, then left in running water. M1: Buckeye nuts placed in hot ashes and rolled around until shell soft; then taken out. 2 or 3 women constantly peeling them while another stirs them around in ashes. Then nuts broken into small pieces about size of tip of small finger and placed in basket. Ashes washed off and nuts placed in another basket. (It is almost evening by now and they began in the morning.) Left in cold water overnight. Next morning all bitterness gone; ready to be eaten. M2: Boiled all day. Leached and stirred with hands. M3: Hot rocks placed in basket of water until water boils. Then buckeyes placed in, shelled, mashed and left in running water overnight. Ready to eat next morning. M4: Boiled and dried. When skin bursts, buckeyes rubbed with rocks and peeled. Ground, soaked for week, then heated. M6: Boiled with hot rocks, shelled, and cooked again with hot rocks; finally has consistency of mashed potatoes. This done a few times; then cold water added which makes it like gravy, which drunk.

212c. Buckeyes are boiled whole, peeled and eaten.

215. M1: Seeds too small to be worth while gathering; also "not good to eat."

216a. M6: Manzanita does not grow in the region. Traded for the berries and made their own drink.

216b. M6: Cooked in basket half filled with water, then washed in cold water and eaten.

216e. Special grasses in addition to grass-seeds are stored and saved for flavoring acorn soup.

225. Ys: Obtained salt in mountains by breaking piece off big rock and bringing home. Then, whenever necessary, pounded and ground as much as needed. Also gathered salt in valley (alkali?). Scraped pure part off top of ground. M1: Paiute from Inyo County, Bishop Creek, and Mono Lake brought it over. 4 or 5 of them brought a load of salt to the Ahwanee group where they had relatives and then would stay all summer. Salt brought in cakes, which they broke into small pieces and gave some to every person in village. M2: Salt gathered and cooked in 1 day. Grass placed around it and it is buried in large fire. Then fire allowed to die out. Salt taken out in form of large solid mass. M3: Owned salt spring which they called "Salts." White part accumulated on top of water (the water does not run off); was scooped off with baskets. Looked like frost on top of water. Fire built over pit; grass put on top of fire and salt on top of that. Fire was started from bottom. Salt melted and accumulated in pit or hole. Was as hard as rock. Had pleasant odor, nice flavor. Was traded. Was a special salt, called muS'muS'Sa'. M4: Collected natural salt out of potholes in a certain place and pounded it. In the mountains rotten wood put in salt-water spring to absorb salt. Then wood burned, salt melting. M6: Out of bark in

the hills. M8: Like frost on a rock; is scraped off.

226. Ys: Hot water poured over grass to get salt. M1: Found salt on rock surface.

227. M6: Whole buried in ashes (entrails removed). Stomach sewn up. When finished, skinned so as to be nice and clean.

228. M1: Into hash. M4: Old people only. M6: After cooking, it is pounded and then eaten.

232a. M2: Without fat. M6: Stored in sacklike deerskin, which sewn up. Some "sacks" of basketry, but mostly hide. Fat eaten immediately; spoils meat. Fat meat not stored. With rabbit, squirrel, etc., pounded bones and all in a deep mortar and ate that way.

234. M2: Backbone of deer pounded by old people, saved for winter. M3: Gray-squirrel bones only. Makes them healthy. M8,9: Old people.

236. M3: Salmon only.

241a. M3: Although steatite preferred, when unobtainable, other rocks used. Other rocks often broke causing considerable inconvenience to users.

245. Ys: Only meat.

245b. M6: Covered at night.

245d. M2: Salt mixed and pounded with rotten maplewood and eaten for the stomach.

245f, g. Mn: Salt for seasoning placed in basket; solidified. Whenever needed, small piece broken off, ground up, used.

246. Yj: Also over pit for smoke and heat. M6: Deermeat (rabbit, etc.) first half-dried outdoors on frame. Length of time depends upon weather. Then brought into storehouse, which separate from living quarters, and smoked on frame.

247. Yj: Also over pit for smoke and heat. M5: To keep flies away.

248. Yj: Also over pit for smoke and heat. Ys: On limbs of trees.

251. M1: After acorns brought to permanent camp and spread out to dry, sunflower stalks about thickness of thumb gathered in mountains to make granaries. Selected spot in open where sun reached all times; not under or against tree. Granaries loosely woven so air could reach acorns (to prevent spoiling) but not rain. 3 or 4 young pine trees about 10 feet long (diameter varied according to number of posts) set in circle and imbedded 1 1/2-2 feet in ground. 3 feet from ground horizontal crosspieces lashed to uprights from which limbs had not been cut. These crosspieces projected around sides making platform about 6 inches wide, upon which people walked. Uprights used as ladders, although special ladders also used. Granary proper 5 feet high, 3 feet in diameter at base and trifle less than 2 feet wide at top. Thus structure 8 feet high aboveground. Mat, woven of sunflower stalks (warp) and leatherwood (weft), was doubled over, sewn together, and wrapped around posts. Branches, usually pine, 1 1/2 inches in diameter, were bent around mat to hold it fast to uprights. After granary filled, grass, leaves, and cedar bark piled on top in order named, to keep rain out. Roof almost level, about 2 feet

square; had slight ridge. 2 men filled granary: 1 on ground handed baskets of acorns to other on ledge who dumped acorns into granary through hole on top, until completely filled. 2 or 3 granaries constructed if crop warranted them. M2: Woven basketry, soaprooted on outside; frame of pine boughs. M6: Buried in hole in ground about 10 feet square, 5 feet deep. Acorns just dumped in; other things, such as grass seeds, placed in baskets. Dry thick layer of certain kind of grass placed around hole so things will not rot. Whole again covered with grass. When anything needed, dug out.

252. Mn: Mainly.

255b. M1: Limbs left on posts for climbing.

255d. Ys, M8,9: Cracked, hulled, dried in sun; kept for use. Mixed with oak-tree fungus and mushrooms, eaten.

256. Ys: Tule tied and put over top to keep rain out. M3: Granary woven on bark platform: willow for warp; grapevine with pine needles and grass for weft. This placed on top of single post, then 4 or 5 more posts set against granary to keep it steady. M4,5: Wild grapevine weft, hazel warp.

258a. Ys: Where sun reaches.

Pets; Various

272. M6: Captain acquires young eagles, rears them. Ties live rabbit on 1 end of pole, about 30 feet long. Places pole in upright position so rabbit easily seen from air certain time every day. Thus eagle trained to return home every night. M8: By just 1 man, the doctor. People carry special stick to slap snakes. Rattlesnakes keep away from these sticks even at night. Thus few people bitten.

272a. M4: And given basket to live in. "You could see the beads, baskets, feathers, acorns, etc., all around. He is God."

278c. M6: Bad luck so not kept.

283. M1,3: To clean brush out.

HOUSES

Special Huts

287a. Ys: Visitors had to bathe before visiting victim. Doctors tried but never succeeded in saving victim. M1: When one of group of hunters bitten by rattlesnake, known that one of them has slept with his wife. That man must get out of sight because makes victim weak if he looks at him and may make cure impossible. M4: Victim stays home first night. Then wanders around 1 or 2 years, staying each place 1 night; otherwise would go crazy and die. Would see snakes in bed if stayed home. M6: If still alive brought home.

287b. M6: Permanent.

287c. M2: Place fixed in house where widow cannot be seen.

287d. M2: Rattlesnake victim kept in brush hut constructed of wormwood.

Living Houses

Covering.--

297. Ys: First cedar bark, like shingles, then fine grass; tied all around.

298. Yj: Gathering place for tule about 2 or 3 days' journey distant.

303c. Yj: Like shingles.

Entrance.--

307. M2,6: According to wind.

309. M2: Stoop to get in.

313. Yj: Also tule.

Fireplace.--

315b. Ys: Long logs kept in fire with ends toward door; kept pushing in as burned.

Sweat House

See also notes 334, 337.

318. M6: Round and sweat house one and same.

319. M2: Hunters owned sweat house. Used it so deer would not smell them.

324. M1: Captain announces that wood will be brought to sweat house. This done for day. Then men sweat 3 or 4 times, plunging into cold water after each sweat. Following morning, start into mountains for hunt, taking sufficient acorn-meal for 4 days. Upon returning, send 3 or 4 other men to pack deer in. Deer, minus skin and intestines, hung in sun to dry. No singing.

327. M1,8: By old men with no wives.

329. M8: Sick people remain in sweat house until well.

Assembly House

331a. M8,9: Came later. Dance house was sweat house; was owned by chief, people having some rights.

331aa. Ys: Just danced in the open. M8,9: See 331a, M8,9.

331e, f. M3: Belongs to both chief and people, but decisions about it are made by the captain.

331n. M2: According to direction of wind; door placed to keep out wind.

331s. M3: Square drum, hole 3 feet deep, 2 1/2 feet wide.

331t. Yj: On E side of door. M3: Square drum, hole 3 feet deep, 2 1/2 feet wide.

Sweat House

See also notes 318-329.

337. Yj: Young men get wood. M5: Chief tells orator to announce: "Sweat tonight." Everyone helps get wood for sweaters. Man appointed to make fire and keep throwing wood on. M8: 3 special men brought wood.

DwellingsFurnishings.--

342. M6: Traded for.

342a. M6: Blankets made of any kind of skin, such as raccoon, except coyote skin. Did not know how to make rabbitskin blankets; traded for them. Duck feathers braided into blankets. Grass also used.

342c. M2: Moved every summer for fishing, etc., but had regular permanent village which always returned to for winter.

Arrangement in town.--

348a. These were separate shades distinct from those in front of each house. Used by more than 1 family but not moiety or lineage owned.

349. M3: Went to hills for oak limbs. Since had no axes, limbs usually different lengths. 4 limbs sunk in ground in upright positions. Cross-pieces tied with wild grapevines to uprights to form shade. This interlaced with grapevines and strips of deerskin. Willow limbs placed on top and tied there and also interwoven to make whole sunproof.

Communal Houses

351. M3: Maybe a friend--not always related.

354. M6: Brush placed around beds. Unmarried young men lived in round house.

Various

358. M6: Slept outside, moved bed according to individual desires. Did not leave village.

Picked acorns, returned to village every night.

360a. M1: When owner died, house was burned. If some other occupant died, house was moved.

Dog House

361. M3: Dog lived in house with owner. Worth life itself to owner, who would give it his last piece of meat. Was trained to tree squirrel and cause it to jump off, when would catch it as it hit ground; then treed another. Man would shoot squirrel (bow and arrow) if possible.

NAVIGATION; SWIMMING

389. Ys: Plain flat raft of logs with tule on top. M5: Tied together with grapevine. 1 man swims across and then pulls raft across. Current very swift.

389a. M4: Wild grapevine, etc., stretched across river or canyon. Men, women, and children, also baskets, etc., pulled across.

390. Yj: For children. M6: Large baskets pushed by swimmer.

391. M8: Hands used to paddle through water.

392. M3: Swimmer pushes.

397. M4: Swam only to get fish; no other reason.

TOOLS, UTENSILS, TECHNOLOGICAL PROCESSES

Grinding

411. M1: Had hole in bottom where set upon rock. Thus acorns pounded without damaging basket.

420, 421. Usually found that way. Sometimes shaped a bit.

423. M3: Ground on basket (manzanita).

Awls and Needles; Flint Flaking; Skin Dressing

467. M6: Hole made with bone awl, then needle thrust through. Never had shell-bead money, but used baskets, mats, etc., as currency. Wore haliotis beads.

486. Mn: Asphalt obtained from other tribes used occasionally. M1: Piece of toughest part of buckskin, the neck, placed upon left hand and flint held with it. Spike of young buck held in right hand used to press against flint.

496. Ys: Soaked first.

504. M4: In wintertime if it is cloudy.

504a. Skin was worked in sun until soft, or left in sun until pliable.

WEAPONS

Bows

509. M1: Obtained higher up in mountains.

511. Ys: Special hard springy wood.

511a. M1: Of cedar when purchased. Cedar is brittle and hard but when sinew is applied it causes whole thing to become pliable, springy, and strong.

512a. Mn: Mainly. M8: Informant knows of willow only.

Arrows

525. M1: Only for quail, practice, and children.

538a. M3: Quill of eagle or duck used to hold pitch for arrowhead.

538d. M4: Used dead person's liver and blood. M8: Only for war.

562. Ys: Heated over fire and bent until straight.

563. M1: Arrow made hot first. M3: Heated over fire and straightened with teeth.

564. M1: Notch cut in it, not a groove.

571. M1: Hard wood.

Quivers; Spears

580. M2: Foxskin for every group. Also used deer hide.

580a. M4: Dog.

584. M2: For fish only.

587. M3: 1 man went into bear's den and tried to chase bear out. Sometimes had to kill him, but object was to get him outside so men waiting in trees could kill him. Meat divided among all participants. M5: 1 man would go into bear's cave and stand motionless near a crevice with pine-pitch knot ablaze. Smoke would cause bear to run out. Men stationed outside would shoot bear. Man in cave stepped into crevice as bear started out. Crevice chosen always just large enough for man, too small for bear.

BODY AND DRESS

Sitting Postures; Hair

602. M3,5,6: Preferred.

602b. M6: When in company, women and girls kneel on ground, sit on their legs; men and boys also kneel, but cross their legs. Children taught to sit in this fashion so will have straight strong legs and will become good runners. When not in company one could sit any position.

603. M8: Hair taken from dead person put in basket; basket set on long pole. Dead man's name called as arrow shot into basket. This starts fight with dead man's relatives.

603d. M8: Small buckskin cap.

605. M6: Some. Were afraid to burn it that close.

608. M6: Ashes used to trim eyebrows. Did not have beards, or hair on any part of the body except eyebrows. Trimmed nails on rock.

615. Yj: Mainly.

618. M8: Men in front and women in back, sometimes one down the back.

623. M6: Melted ground-squirrel fat in shell.

Mutilations; Powder

629. M6: Informant repeatedly said tattooing done further up in hills, not in valley. Done in her youth but not before.

629c. M8,9: Elderberry.

636. M1: Burned and ground oak bark. M5: Sugar-pine bark ground fine is best powder. M6: Acorn shells ground fine in mortars, not metates; sifted; "better than anything."

Clothing

637. M8: Not generally; only a few.

638. M6: Carrying on back or shoulder.

641. M6: Hair always taken off before weaving.

646, 647. M1: Mainly.

648. M6: Made dark brown, but not painted.

650. M5,6: Traded.

656. M5: Informant never saw them. Too young.

M6: Informant not sure what skins used, but de-haired and woven.

659. M6: Informant saw on old-timers when they danced, but does not know much about them.

663. M1: Ends tucked in. M6: Men wore apron in front, tied around waist by string. Informant had heard both men, women went naked in prewhite days.

664-666. Ma: All 1 piece.

686. M2: Only men, to keep hands warm in winter when hunting or gathering wood.

690. M6: Informant claims no footgear used in prewhite days, even for hunting. No snow in valley, thus no use for snowshoes. If person hurt his foot, a man, not a woman, fashioned pseudo-moccasin of deerskin--sort of wrap-around affair; was discarded as soon as foot sufficiently healed.

700. M5: Also with ends crossed and protruding in back.

Adornment and Ceremonial Dress

706-712. Chicken hawk, road runner, sparrow, etc., feathers also used.

706. M5: White chicken-hawk down stuck on face with grease. Bad luck to use eagle feathers without giving eagles a dance; since dance expensive, eagle feathers not often used. M6: Also duck feathers.

712. M6: 1 or 2 feathers.

713. M8: Buzzard feathers used.

714. Cf. Kroeber, Handbook of the Indians of California, BAE-B 78:508, 1925. J. H. Steward, Ethnography of the Owens Valley Paiute, UC-PAAE 33:233-350.

715, 716. M1: Tail feathers tied together for dance.

718. M6: About 1 foot wide from waist to ankles in back; on a belt which went around waist. Ione people used to buy pattern of dance outfit and songs from Lockeford people.

722. M1: Eagle feathers.

726. M3: Eagle-down rope.

728. M3: Beads.

730. M1,2: Used only on display baskets, not acorn baskets.

731. Ys, M1: Used only on baskets.

743. Ys, M1: Only old women. M3: Ear-plug. Red feathers skinned off bird and placed on stick; skin has sufficient glue to make it adhere to stick.

743a. M8: No eating or drinking for 4 days.

743d. M5: Did not matter which sex did it. Only a piece of straw was kept in ear; everything hung over ears. Women wore feathers behind their ears.

745. Ys, M1: Wear mountain quail topknot tied up.

751. M6: Few men with pierced ears. M8: Woodpecker scalps.

752. M6: Pure white rock.

752a, b. M6: Worn only when dancing and would not happen then. Nothing worn other times.

758. M8: Woodpecker scalps.

766. Ys: Hawks, etc., also.

770. M5: Red paint manufactured from pine knots also.

778. Ys, M1: Clay had grease in it. Just heated and applied.

794. M3: Tiny flowers twisted into eyelashes. "Look pretty."

794a. Ys: Large shiny shell worn. Rattle-snake seeing its shine, does not come close. M1: Something like garlic; saved until spring. Rub it over legs. Snakes will not come close or harm one.

794b. M2: Root (we'ne:) worn around ankle as charm.

794d. M5: Special snake root carried around. Snake would rattle--sort of salutation--then go away.

CARRYING

795. M6: No pack strap; carried on shoulder, not on back.

795a. Yj, Ma: Reported this as being a net over forehead and front of head, with thin band which came just above eyebrows.

801a. M1: Mainly.

804. M1: When old, worn like women.

810. M6: Carried empty only.

812. Ys: Almost anything.

813. M1: In buckskin or blanket. M3: Carried to pyre on deerskin by 4 or 6 people.

WEAVING AND NETTING; CRADLES; CORDAGE

891. M2: Got from other tribes. Legs and arms cut off; remainder in form of square, which sewn together as patch-quilt. M5: Got from other tribes. M6: Informant had seen but does not know about them.

900, 900a. M8: One end held; moved in circle.

916. M6: "Baby kept in large basket and covered with buckskin."

921. M6: Baby placed in basket with deerskin over it to keep out sun.

946. M2,3: Children twined flowers in eyelashes, but not elders. Done while playing so would look pretty.

POTTERY

949. The following has been transposed from the list proper because only one informant (Ys) was able to supply information.

- 949x. Pottery +
- 949a. Informant has seen it made -
- 949c. Sex of informant M

Manufacture

950. Coiled -

- 951. Without paddle, scraping -
- 952. With fingers +
- 953. With cobblestone (often steatite). . . +
- 954. Coiling clockwise (looking into vessel). -
- 955. Temper +
- 956. Sand +
- 957. Crushed rock +
- 958. Rim bound with fiber
- 959. Firing in open wood fire -

Shapes, Uses, Decoration

- 960. Truncated cone, flat bottom -
- 961. Hemispheroid bowl, flat bottom +
- 962. Lugs, straight type, 2 3
- 963. Pottery spoon -
- 964. Incised decoration -
- 965. Painted +

GAMES

966. M6: Never heard of them.
 966a. M1,3: Also during big times.
 966b. M3: Money (beads, baskets, blankets, skins, etc.) for gambling placed between 2 sides in 2 piles about 1 foot apart. Each side has special man to take care of betting, who wagers whatever he wishes for his team and takes care of this. When everything in his care lost, stands up and says, "All gone," ending gambling for then. More valuables may be contributed to gambling fund by people. If large enough accumulation, gambling resumes.

966e. Ys: Man watching as judge decides.
 966j. M3: Sometimes 1 man on each side, sometimes as many as 5 or 6.
 967. M4: Women used to go into the brush with members of opposite side purposely so own side would win. Would sleep on other side for same reason.

General Features of Athletic Games

973a. This does not fit into the continuity of the list. It was a separate game in which a man propelled a stick quite a distance through the air by means of a looped string fitted into a notch in the stick, on the same principle as Roman amentum.
 978. M8: Between 2 stakes.
 984. The element "Number on a side" preceded this but the answers were very unsatisfactory. The answers were: Yj, 4; Ma, plural; Mn, 4; Ys, 5; M1, 3-4; M2, plural; M3, plural; M4, 8; M5, 8 or more; M6, .; M7, plural; M8, 12; M9, .

Ball Race

986a. Ys: Shinny played that way.
 986b. M3: Goals at each end. Win at either.
 986f. Ys, M1: Deer hair inside.
 986g. Ys: Shinny played that way.

986j. Yj: 4-6. Mn: 3-4.

986o. M6: Captain took care of it. He had all the stuff in front of him.

986w. M5,6: Women use basket; men use their feet.

Shinny

990a. Piece of buckskin thrown about by means of stick.

1000. M2: Woman's game.

1006. M2: Women only.

Hoop-and-Pole

1011a-1013. M7: Minus entries.

1017. Ys: Pointed stick thrown into air. When falls, if pointed end in ground and stick upright, player wins.

1032. Ys: 3-4 on a side.

Guessing, Hand, Grass, or Peon Game

1033. M6: Not played in old days. Had no games, only danced.

1044. M3: 2 men on each side. 1, of team A, guesses "middle" or "outside." If says "middle" and 1 of team B has an unmarked (woman) bone in his hand next to his partner, that man eliminated. If both of team B have unmarked bones in "middle," both eliminated. When 1 eliminated, attempt to eliminate second. Man who guesses does so because he received inspiration or hunch. Either man allowed to guess first.

1053. M2: When women gambling, hid bones in their bare hands and crossed their arms.

1054. M8,9: Women only.

1060. Yj: 8-9. Ma: 4, 5, or 6.

1088a-e. M7: Minus entries.

Dice, "Stick" Type; Disk Type

1097. Ys: Shaken in basket.

1118, 1119. M1: 3 up, 3 down; 1 point. All up or all down: 2.

Various

1157a. M1: Went to ocean for it.

1163. M6: Not in Lockeford.

1174a. M4: Each man has tapered stick about 2 1/2 feet long. Large end has diameter of 1 inch. Stick hit against ground so rebounds opposite direction of player and travels about 400 yards. Men wager on which one's goes farthest.

1174b. Each player has a special "lucky" rock which he saves to play this game.

1174d. M2: Hole made in ground. Rocks thrown toward it; win when in hole.

MONEY AND BEADS; PIPES; TOBACCO

1175. M8,9: Never made beads; unlucky to do so.

1196b. Ys: Each has own pipe. M2: Elderberry with hole. One end stopped up with stick so only small opening left, other end filled with tobacco.

1197. M3: "Each side does it to see which has the best tobacco."

1200. M1: Nothing done to tobacco; grew wild along river. Only green leaves gathered. Wanted it to look green when used. Gathered tobacco several times, to have enough for winter.

1206. M1: Mostly.

1208c. Ma, Mn: Some old women also. M2: Also women 20 years old.

1209. M1: Tobacco placed in special rock mortar for that purpose only; pounded and ground very fine. Some oyster shells (gathered in valley by 3 or 4 men who had made special trip for year's supply) placed in fire which was fanned until shells quite soft, when placed in mortar with tobacco, pounded and ground together. Water added to dissolve mixture. Moisture allowed to evaporate, leaving mixture hard and dry. This put away for future use. Always kept at hand: If person felt sick, would break a piece off, grind and dissolve it with water in special rock mortar, and "eat" it. Usually 4 or 5 men and women assembled for that purpose after evening meal. Piece of tobacco, large enough for group, broken off and prepared as just described. To sample mixture, small rock, 4-5 inches long, 1 1/4 inches in diameter, ends round, smooth, was immersed about 1 1/2 inches in solution by each person in circle about fire. Some only hiccupped, some vomited. Then rock immersed completely, smearing and rubbing in solution with fingers. First man, who was host and had invited others, "ate" all the tobacco off rock (licked it off), repeating this 3 or 4 times depending upon amount he thought he could stand. He never left any tobacco on rock. When ready to vomit, went little distance and did so. Then others followed same procedure until all had vomited. Then went to respective homes to sleep until next morning. Some did this every night in prewhite days. Seemingly no other reason for tobacco "eating."

MUSICAL INSTRUMENTS

1215. Yj: 2 or 3. M8: 3 or 4.

1225. Yj: Wild muskmelon.

1230. Yj: 2-3. M2: 8-9. M5: 3-4.

1237-1239. Ys: Everyone uses.

1249. M3: Held near mouth and blown on like on jew's-harp.

1258. M8: With pitch.

1262. M3: 4 played; fifth always open to catch air.

1266d. M8: With charcoal, and paint with white.

1266f. M5: Used a section of a burned tree, but made planks of it.

CALENDAR; COUNTING

1268. M3: Informant does not remember, but they used to have long arguments about the moons, how many there were and which moon they were in. They started their count each year when the acorns ripened.

1271c. M8: Sticks put in sack.

1280. Yj: By 20.

ASTRONOMY AND COSMOLOGY

1368. M8,9: Lots of acorns. Everybody happy. Much merrymaking, dancing, etc.

1371. M8: Eclipse means sun and moon are fighting. If sun won, world would be consumed by tremendous fire. So people place in the fire acorns, grass seed, meat, beads, baskets, etc. (small amount at a time). This causes moon to win every time and fight stops. No harm is done to the sun by the moon winning. After eclipse, always rains. Sun and moon never sleep together.

1373. Ma: Eagle covers with wings. Ys, M1: A big bird, name unknown.

1397. M8: World upside down.

MARRIAGE

1399. Ys: As many as 6.

1400. Yj: Man would not marry promiscuous woman. M1: Man would not pay for his bride if she had been promiscuous.

1401. Ys, M1: Only if sister.

1402. Ma: Only chief.

1404. M2: When both husbands home, wife sleeps between them.

1405. M3: Separate houses for men. Last husband pays first, and woman goes back and forth.

1407a. M8: Wife-lending to any visitor by anyone; never fights about that.

1422. Yj, M1: Only.

1425. Ys, M1: Partly.

1427a. M2,3: There is no marriage of a woman to her husband's sister's son (a man to his mother's brother's wife). With patrilineal moieties they would be marrying their own moiety member.

1433. Ys, M1: Partly.

1437. M4: Went to chief's house (round house), where were 20 beds each way from middle. Since each bed approximately 6 feet long and there were 40 beds, round house 240 feet long; made of brush, straw, and dirt on top. Grass used to grow on top. In his youth informant saw 4 such and 20 ruins scattered about. One lived there about a year and then made own house.

1440. Yj: 2-3 yrs.

1443. M6: Father-in-law built home for son-in-law; that is, large enough for entire family.

1451. Yj: Employ poison doctor to kill paramour.

1453. M6: Never heard of divorce for infidelity.

1464. M8: Not really prostitution.

1464a. M1: If price right.

1467. M3: Men used to grab women and take them into the bush even against the woman's desire. Her father could not say anything.

BERDACHES; KINSHIP AVOIDANCES

1483. M6: Never heard of any.

1487. Yj: Son-in-law tells mother-in-law where good seeds are when he meets her in the woods.

Father-in-law and daughter-in-law the same.

1488, 1514. M1: Only when absolutely necessary.

MOIETIES AND LINEAGES

1530. Mn: Moieties supposed to be endogamous, but they did not prohibit marriage of members of different moieties. When this took place, woman lost her rights to her own moiety and became a full-fledged member of her husband's moiety. She could not participate in the ceremonies, dances, etc., of her inherited moiety after that. Inter-marriage not frowned upon, but marriage to one's own moiety member was patterned and usual thing. Ideologically few cases of marriage outside own moiety: "being too much trouble"; "you could not be with your relatives in your happiness or sorrow"; "you lost your rights." In time available, I was unable to find out what these rights were, but they appeared to be rights substituted by rights received when woman became member of opposite moiety. Each moiety had own chief and messenger. At mourning ceremony, moiety which had lost a member gave "big time." Members of opposite moiety were guests and arranged all matters, washed faces of mourners, and took care of cremation; supplied meat and wood. Mourners supplied grass seeds, acorns, and did all work. Moieties were: Eagle and Lion; Coyote and Buzzard. Not 4 clans; as far as I could learn Eagle supposed to marry Lion, and Coyote to marry Buzzard. Each moiety had four-legged pet and bird as "totem" animals and guardian spirits. If marriage occurred between members of different moieties, payment had to be made. M1: Coyote and Eagle moieties; subdivisions unknown. Bear was Eagle and Buzzard was Coyote. Moieties exogamous. M3: Exogamous patrilineal moieties. Moiety A had Deer and Coyote as totem animals. Moiety B had Bear and Eagle as totem animals. These 4 animals kept as pets. Moiety A also had "Little Frog," which was affiliated only with Deer. Moiety B had "Bull Frog," which was affiliated with Bear. Moiety A owned all spring water, moiety B all running water. This division seems based upon main difference in air, land, water animals. Both sides were water people. Two moieties always debating relative importance of spring water and running water. One

would say, "How would you live if you could not drink from our springs?"; to be answered by: "We have our own water"; which in turn brought: "Your water dries up, while ours does not," and in answer: "What about the fish you get out of our water?" There are secret names for these moieties which informant refused to disclose; "We never tell anyone the names." Main groupings are Bear and Deer and they were mainly for regulating marriage. If a person was asked what he was, answered either "Deer" or "Bear." I did not have time to learn purpose of subsidiary groupings. M8: One sat between drum and general direction of his home or village.

1533a. M3: Personal names secret; one would never reveal his own or anyone else's name.

1544, 1545. Ys: Absolutely must pay.

CHIEFS AND OFFICIALS

1555a. M8,9: Head chief and moiety chiefs.

1555f. Yj: Scout (messenger) selected outstanding man; chief rejected or accepted. Ys, M1: Oldest son always approved. M6: If chief has son, people talk it over and say he will be chief when his father dies; so it is. He is selected from all male members of direct male line.

1555g. Ys, M1: Oldest son always approved.

1558, 1559. Ys, M1: If no son.

1575, 1576. A chief is here construed as "individual" when there are no other chiefs having the same prerogatives, duties, and authority. Although his brothers and sisters may be called "chief," they are not actual chiefs. All children of "chief" called by that title. Apparently "chiefs" a class or group distinct from remainder of population; all belonged to same family lineage. (Cf. Driver's note 1575-1576 in his CED:VI, page 133.)

1577. Yj: If all men of family died; only happened once.

1587a. Ys: Was best hunter and marksman in group.

1596. M1: If he is an eagle man. M3: Informant has seen eagles strapped like a baby in baskets so could only move their heads.

1605. M4: Brothers of chief, i.e., sons of chief.

1618. Usually eldest son real messenger, his brothers helping him, sometimes his sisters. Number varied according to need and family, and whether or not moieties present. M2: 2 or 3.

1639a, 1640. Ma, M8,9: No separate individual. Chief and messenger took care of these duties.

1647. Ma: Messenger.

1658. M3: Allowed to steal anything could get hands on.

1659. Yj: Chief through messenger. Ma, M8,9: No separate individual. Chief and messenger took care of these duties.

1666. M3: 8 dancers, 4 men and 4 women.

1667. M3: Head man is war chief also.

1681. M1: One for each moiety.

1683a. Ma: As many as could sing. M3,4: 3-4.

1685. M3: Appointed by dance leader.

1692r. The following totems of officials were deleted from list proper because answers unsatisfactory. Chief: eagle (Yj, Ma, Ys, M1); war chief: prairie falcon; assistant chief: screech owl; messenger: dove (Ys); crier: crow (M1); clown: coyote; also bear, puma, Cooper's hawk, road runner, raven, mockingbird.

LAND OWNERSHIP

1700. Ys: Scar tree to claim crop. M8: Chief, owner of all acorn trees, called people together when acorns ready to be gathered. Each family head paid chief amount of money according to number of individuals in family. Then chief designated tree or trees from which that family could gather. Never trouble about trespassing on rights of another family. "You pay for the privilege."

1702. M8,9: Same as 1700.

WAR

1706. M1: Never heard of any. M3: An unmarried woman had been kidnapped. Surprise raid planned to rescue her. Someone notified other group (name unknown), who sent women and children to high hill and prepared to meet raiders. Attackers beaten back; retreated to spot in brush where were surrounded and without food and water. While in retreat, however, one man escaped, returned to home village and reported happenings. Rescue party went, beat group surrounding raiders, killing several. Rescuers and rescued went to village, found abducted girl, destroyed everything and set fire to houses. Only "war" informant ever heard of. In old days used to capture Paiute and kill them. Would hang baby in its basket in trees. Raped women, then killed them.

1709a,b. Yj, Ma: Never heard of any.

1710. M8: 10 or more men kidnap woman, rape her in "bush," then let her go home. 2 or 3 men go out and capture 2 or 3 women, bring them to chief, ask permission to marry them. Up to chief to grant or withhold permission. If consents, couples get married on consecutive days; not all at one time. Young men sleep in sweat house and have girls with them; 1 man to 1 girl. Later on, when they have selected their spouses, get married.

1712. M3: Informant saw following done often: Some men captured woman from another tribe, brought her to round house where 50 to 60 men raped her all night. Turned her loose next day, but she did not go away. Next night men did same thing. Then she went home. Then men captured another, did same thing. Personal name of leader in capturing women: bump'ilo. He usually went by

himself and brought woman to "bush" or to round house; arranged men's turn. His title is: osaiwelo:p''pe.

1716. M3: Only used charcoal. Had no time for other things because they did it immediately upon coming in. Only fighters danced; in a row, which done only at big times.

1722. Ys: Only to kill doctors. M3: Usually after sundown.

1727. M2: Scalps taken in old days; hung in house, called by name.

1730. M3: Only brought own woman back.

1731. M3: Victors always gave other side presents. Starters of war usually victorious because prepared.

BIRTH

Delivery

1732. Ys: After woman well, about 2 mos. M2: 1-3 mos. M3: 1 month. M4: 3-4 mos. M5: 1 month. Baby fed at 4 days and then at 1 month. M6: 5 mos. M8: Head chief is doctor at childbirth.

"He talks to baby and it has to come out." Woman on her feet, husband holding her from behind under her arms. Doctor rubs her stomach and helps her. Woman on 1 knee when baby born. M9: 2 mos.

1732a. M6,8,9: Religiously done or baby would die.

1734. M2: On rolled-up blanket.

1735. M6: "No one allowed to watch, but I heard it." Woman's mother helped.

1739a. M3: Husband of woman forces baby out by pressing with his hands. Important thing is to get afterbirth out, not baby. If afterbirth does not come out, must press woman with hands and force it out. If necessary, buckskin cord tied around it and pulled it out.

1740. M6: Hands medicine in but not allowed in.

1742. M2: Woman married bear; in spring bear helped woman dig Indian potatoes. "Just like being married to a man." No children.

1743. Yj: "Baby gets afraid and comes out."

1744. M8: Pine-needle drink. Woman lies flat on back for 4 days after birth. Mn: Woman drinks brew made of scraped she-bear's claws. M6: Hot acorn soup drunk.

1745. Yj: "Baby gets afraid and comes out."

1746. M4: Many weeds placed upon fire. Then hot rocks on weeds and covering of grass. Water sprinkled upon this, causing steam. Woman and baby placed on this, covered with buckskins, bark, and so on; receive thorough steam bath.

1748. M8: Because if Coyote found it, baby would die.

1750. M5: If that fails, element 1751 resorted to. M8,9: Large flat rock placed over afterbirth when buried, so woman will have no more children.

1751. M8: "Then get lots of babies" (sic).

1753. M3: Buried, but no special place.

1753a. Afterbirth buried in ground and sealed tightly by placing large rock over.

1754. Ma: 1 day later. M2: After 4 days.

1755. M6: Bathed in warm water. Facts about birth secret. M8: Large fire made in house. M8,9: Bark of young pine tree used.

1758a. M3: Whoever took care of birth chewed navel cord off.

1761. M8,9: Buckskin tied around child's middle to hold it.

1764. Yj: "Good man 4 days, bad man 6 days. Very bad man, it takes a long time."

1765. M2: When child about 4, mother tells him to throw it into creek. M3: Just thrown away.

Restrictions on Mother

1771, 1771a. Ys: 2 mos. M1,2,3,5: 1 month. M4: 1 yr. M6: 5 mos. M8,9: First baby 3 mos., rest 2.

1772. Ys: 2 mos. M1,2,3,5: 1 month. M4: 6 mos. M6: 5 mos. M8,9: 2-3 mos.

1773. M2: 1 month. M8,9: 2-3 mos.

1774. Ys: Used new brush. M3: 1 month.

1777. M1,2: 1 month.

1781. Mn: 3 hrs. Ys: Until sweats well.

1783d. Yj: 2 mos. Ma: 1 month. M1: Until weaned. M2,4: 6 mos. M8,9: 2-3 mos.

Restrictions on Father

1784-1786. M2: 1 month. M4: 4-5 mos.

1785. M3: For 4 days, until navel cord falls off.

1791. Yj: Until navel cord drops off. M4: Must go to another village.

1794. M1: Woman wears it. M8,9: Does not watch dancing, etc. Sits with wife.

1803. Yj: After navel cord falls off.

1804. M3: For first baby only. Clothes taken away, given new.

Abortion; Infanticide; Weaning

1806. Mn: Had abortion but does not know how. M6: Never heard of it. M8: Doctor gives woman medicine.

1812. M6: Never heard of unmarried female becoming pregnant.

1815. Yj: When baby stopped of own volition; about 2 or 3 yrs. of age. M2: 1-2 yrs. M3: Informant was "suckled" until reached puberty, because he "liked it." Usually mother stops baby before that age.

1816. M3: "It is a lie. Who is going to wait 2 years?"

Mutilations; Milk Teeth

1818. Mn: Not of baby but of anyone of own sex who wants it done. Less bleeding if done by own sex. M6: No rule.

1819. M8,9: 1 day.

1820. Mn: Not of baby but of anyone of own sex who wants it done. Less bleeding if done by own sex.

1821. Ys: 10-15 yrs. M1: Old women only. M2: 12-15 yrs. M3: Any time. M8,9: 1 day.

1822. Yj: 1 month. M2: Done any time for fun of it. M3: Any time. Just for the fun of it. M6: Never tattoo.

1823. Yj: 3 mos.

1823f. M1: Just for fun of it when young.

1824. M6: Thrown where sun can shine on tooth; for example, side of hill. One stands up straight, looks at sun; can only keep eyes open second; impossible to see where tooth falls. Sometimes placed in gopher hole.

1827. M6: At noon.

1828, 1829. M1: More to side than over shoulder.

GIRLS' PUBERTY

1833. M2: Basket material tied around ankles, legs, thighs, wrists, and so on, to make girl strong. Menstruation: certain women heat rocks and girl made to urinate. M4: Mother only person who knows. Menstruation thought to mean girl had been with a man. Mother ashamed.

1856. M6: Never tell anyone girl has menstruated; kept secret.

1859. M8: If 1 girl. If 2 or more, have big time for 4 days.

1861. M8,9: Day also.

1862. M8,9: If too hot. Only 4 men and 4 women dance, men on one side, women on other.

1865. Mn: Girl not present.

MENSTRUATION; VARIOUS

1873. Mn: 1 or 2 days. M1: Until well. M6: Only drink acorn soup first 4 days, then grass, etc., and after 8 days allowed to eat meat. M8, 9: 2-3 mos.

1883. Never to same degree.

1887d. M1: While morning star still visible. M3: Even in February when deep frost jump in pond every morning, take bath.

DATURA

1889. M2: Some doctors. Some do it for "fun" of it, so will be strong. Only root used. M3: One gives presents to his relatives. Face-washer paid after finished with duties. M5: Secret. No one knows. M6: Never heard of it. M8: Never drank around here. Did that in Tuolumne and other places.

1891a. M2: Any time in spring or summer. One drinks it and goes crazy: runs around countryside without knowing what doing for week or two. Frightened of and runs away from people. Has to be captured and taken care of.

1893. Mn, M1: To show how big a doctor he is.

1897. Ma: Doctors and medicine men. Ys: 2 or 3. M1: 1 or 4. M2: 1 or 2.

1898. Ys: Old. M1: Young man has old man take care of him, one who knows all about it. Old man continually says, "You must be careful to treat your mother and father with respect and do what they ask you to. You must obey them. You must be good to the people. You must do right all of the time." During this, young man drinks liquid made out of roots. Old man sings and tells all about roots, what kind of a doctor young man is to be, what roots to do to and for him, how will cure people and all about his success; tells young man how much to drink. After drinking, young man tells what he sees; does not dance much or do anything; his mouth and lips get dry; next day remembers nothing. Old man is the control. M2: Mature up to old age. M3: 20 to 80. Age does not matter.

1900. Ys, M1: 1 month. M2: No one supervises it. One does it himself to become a doctor. Little at a time taken. No rules, except cannot drink water or acorn soup hot; must be cold.

1901. M1: 1 month.

1902. Yj: As long as can stand it. Must ask permission from chief before drinking. M3: For 4 days keep away from everything.

1903. Ma: Wooden mortar.

1906. M3: Informant drank it. It is mixed in a small mortar, first pounded, then water added. After 15 minutes, juice drunk. In about half-hour, crazy. M4: Secret. Only doctors know how. Nobody else.

1907. M2,3: Person drinks it and goes away. Does not know what he is doing; is just like crazy. Idea is that a person gives it to another little at a time, without recipient knowing, to make doctor out of him. Sometimes overdose given and man goes crazy, temporarily or permanently.

1914. M3: "You have to stay away from women for 4 months before drinking. And you must dream while you are drinking."

1915. M3: "You don't walk. You run around. You are crazy and it lasts until you eat food. Then it leaves you immediately. You are supposed to keep away from food and drink for 10 days after you drink the concoction. You ask the air (the universe) if you are going to sing. You ask for anything you want and it comes to you."

1927. M3: "Don't sleep. You have the power of traveling great distances in a short time."

1938. M3: "You need a quick man to take care of you. He usually is a relative. You can outrun a horse. Anybody can drink it. You must keep clean. You get the root from a certain place otherwise it will kill you. It is poison. They used to get it at Pleasant Valley. Each village had its own place to get the root."

1945. M2: After becoming a doctor, he continues drinking it.

ANT ORDEAL

1951. M8,9: 4 or 5 men compete and chief gives prize to man who endures longest. Person lies

down in ant hill also; stands in a yellow-jacket nest and allows bees to crawl over body and sting. Tests of person's strength.

1954. M2: If baby born with disease from parents, mother mashes some ants, applies it externally to child.

DEATH

Treatment of Corpse

1955. M2: Crying all 4 days. M3: Crying great deal for day or two. Until get things ready. M6: Informant never saw them burn a body.

1969. M3: When deceased not owner of house, all his belongings placed on him on pyre and burnt. If is owner, house also burnt. Sometimes man burns house for his wife, but not always. House not moved.

1973a. M2: After everything burned, bones placed in basket with shells (not money) and large basket placed on top and everything buried in hole next to pyre.

1975. Mn: Wood over corpse also.

1979. M6: No dogs at that time.

1980. Only if owner dies, not for son-in-law or child. At that time house usually moved. M2: After 1 month, house burned and 3 good hunting dogs killed. M6: House burned if any occupant dies, and rest move to another spot.

Undertaker

1982. M2: No special undertaker.

1987. M6: Father or some other close relative does it.

1988. M2: 2 or 3 men. Chief talks to relatives of dead man first and says he will send them over.

1990-1992. Ys: 2-3 days.

1994. M2: Done outside. Partition constructed on one side where stay for 3 months.

1994a. Yj: Stay in one place and dance. M3: Crying continuously and wailing. "You do not really dance, it is like the War dance--all around the fire."

1994b. Yj: Stay in one place and dance.

1994i. Wormwood is placed under bed and pillow.

1994k. Ma: Only on head.

1994ka. M6: Also take bath with it at end.

1994n. Ys: Where burned. M8,9: Man and wife buried in same place.

1994o. Ys: Where burned. M6: Buried with wife's people. "You belong to your wife's people after you are married, not to your own."

1994q. M3: Chief keeps preaching all the time. Tells people what to do, that it is serious, and they should deport themselves properly, and so on.

Mourners

1995. Ys: Woman not allowed to speak to any

man for 1 year, then house with everything in it burned.

1999a. M8: Buried on top of bones of deceased.

2002. Yj, Ma, Mn: 1 month. M8,9: 2 mos.

2003. Yj, Mn: 1 month. M1,3,6,8,9: 1 yr.

M2: "Nobody talks to you or sees you for 3 months."

2004. M2: "You touch and hold his hand and cry over him, 'You will never come back, never see me anymore,' and so on. This is done before he is dressed up and laid out." M8: Would dream of departed if did so.

2008. Mn, Ys: 1 month. M3: Hunt for food for big time which takes place fourth day, when face-washing takes place.

2009. Mn, Ys: 1 month.

Name Taboo

2011. Yj: 2 yrs.

2014. M2: "May hear about your saying it."

2016. M3: Names secret, i.e., first name received; rest not secret.

Ghosts

2018. M3: If ghost talks to person, certain death. If person only sees ghost and struggles with it (or not) and fast, gets extremely sick but gets over it. Doctor makes him close eyes, refrain from speaking. M6: Never seen or heard. Dead talk to person only in dreams.

2019e. Hoot owl used to steal babies. When baby not found, owl keeping it. If found and brought home, died. Owl ate it or it disappeared.

2020. Yj: Immediately. M6: Do not have this belief. Just dream of dead but it has no significance.

2024. M4: Dreamer burns some of his clothes.

2031, 2032. Ys: Spread it all over bedding.

MOURNING CEREMONY

Little Mourning Ceremony

2035. Yj: 1 month plus 3 days. Mn: At burial.

2036. M3: 1 meal.

2041. M3: After person washes members of opposite moiety, washes members of own moiety. About 6 washers, chosen by relatives of deceased.

Tribal Mourning Ceremony

2045, 2046. Mn: For same moiety if died at same time.

2048. M3: Cry over everyone who died.

2055. M6: Baskets lent so will be sufficient in which to prepare acorn products.

2058. M1: Different village for washing, etc.

2061. M3: In round house.

2068. M1: Big house about 50-60 feet wide; circular; 4 posts in center with circular space above open as smoke hole. Fire in middle of 4

posts. Roof slopes. Informant claims this recent, during his life.

2071. Mn: Eating at separate times, visitors first, then opposite side, then mourners.

2077, 2078. Ma, Ys: No rule but often done.

2079. Ma: No rule but often done. M2: Tree with many branches cut down, placed outside. Meat hung from branches for 4 days, then cleaned, divided same as with acorn products, other things. No special person to procure tree (which is burned down) for this occasion. Tree left standing until rots, falls down of own accord, when used for fuel and another tree erected.

2080. M2: Washed first day. Then big speech and told to have a good time. M3: "Do not do that here. Only in the south." M4: Visitors dance. Each village by itself. "Your own people do not dance, not even the last day."

2083. Mn, Ys: Captain gets and gives to messenger who divides.

2089. M2: At each mourning ceremony chief appoints man to make body of deerskin stuffed with grass and straw and decorated with shells. Another person assists; neither are permanent officials. Image burned outdoors about 4 A.M.

2109. M2: Only relatives bring stuff. 1 woman takes care of it all in her own house. All burned with body. M6: Kept in own house. Went back and brought a string and put it around person's neck. Did this for each one.

2124. M6: No. And last dance is not for everyone, only dancers.

2126. Ys: Fire in middle.

SHAMANISM

Spirit Doctor

2133. M2: "From own father sometimes. Nobody knows about it. The 2 go into the hills by themselves. It was all secret." M6: Secret. Only doctor knew. M8: Secret. "Poison man only makes you sick and you may die. You pay him. You never call a poison man to cure you. You call a doctor."

2136. M2: Girls received power from father also. Could poison a tree and it would disintegrate.

2138a. M3: Man may be dreaming all the time, but does not tell anyone until ready to be a doctor. May go to hills and do lots of things, but all kept secret.

2140. Yj: 10-15. Mn, M1: Or over.

2148. Ys: About middle age. M1: Or over.

2150. Yj: 2-3.

2153, 2154. Yj: 5-10.

2157. M1: Always vomit. "That is why they eat it."

2160. Yj: Up to neck.

2163-2165. M1: Refrains from fresh meat for 10 months if necessary, to get power.

2168. M1: Whistles and looks at sun and finds out what is wrong.

2170. Ys: 1 month.

2177. M1: See note 2168.

2185. M1: Held in hand.

2186. M1: Puts water in mouth before sucking.

M2: Puts water in mouth only. Case of woman doctor singing, and stick clapper. Blood comes from nose.

2187. M1: Through man's ear if stopped up and cannot hear.

2192. Mn: According to how sick.

2193. M6: Person goes to doctor, pays him before he visits sick man.

2197. Mn: But given some for his trouble anyway.

2198. M6: Informant never heard of a case refused.

2201. M6: Informant never heard of poisoning. "Just got sick."

2201a. M6: Informant never heard of it.

2204. Mn: Special man selects killer. M8,9: "You told the chief you wanted to kill and he either gave you permission or not."

2208. Mn: Also get money by contribution of people. M3: Killed them but does not know how.

Singing Doctor or Talker

2208a. M6: "The doctor doctors. Man is still sick and then he gets better. Just sucks and sings to make a person better."

2208b. M2: Cured by sucking also. "Just 1 kind of doctor, who did both."

Public Competition

2209. M1: 4 shamans, 2 on each side, participate in a public "shaman contest." Captain (head man) officiates. Definite rules followed; contest almost "ritualized." Each side has small fire (approximately size of man's hand) between them. Head man walks about with stick in his right hand. Tells 1 shaman (called doctor and witch by informant) to get up and look at the sun. After doing this, shaman picks up flat basket, looks at sun and jumps around. He is "loaded up to shoot now." He moves basket over fire and looks at sun. He shoots bullet, a bead, into heart of 1 shaman on other side and knocks him down, dead. Head man says to other doctor (of first side), "Get that man," pointing with stick at survivor of other side. Same performance as before gone through. 2 men grab shot shaman, so he will not fall too hard and get hurt. Then shamans who did shooting fix 2 dead men up so they are alive again. Then other side have their inning. Men who are killed are walking around when shot at. M3: Did not do it here but in the south. Bill had it done to him. He dreamed that it was done to him in his groin and privates. He asked his wife, "Did your grandfather pass near me?"

She said, "Yes." He had done it. Bill had some money at that time and went to Jamestown to an Indian doctor who could suck. She was his wife's grandmother (mother's mother). "She didn't make it. Maybe couldn't or didn't want to." From there he went to El Portal and paid 10 dollars to have another person suck it out. She sucked him right under his testicles. She made believe she took a fishbone out but it was a fake. Another woman at Big Meadows (above El Portal) sent a friend of Bill's down to tell Bill he was going to die and to come up and she (a doctor) would cure him. This man motioned to Bill and Bill went away with him. That evening she sucked a nail out from under his testicles and Bill got well. "So they must have shot things in those days."

2211. Ys: Feather.

2221. M2: "Rattlesnake bit a young man. He died and they placed him on the pyre and tried to burn him but he got up. He cried 4 days. Took him off pyre. He was like a drunken man."

M8,9: Pedro's father's father. Lily's father.

2231. Mm: Tells some special person to cure.

2233. M2: Never dance in public. Bear people bring bears home and show them to rest of people, but people always afraid.

2235-2236. Ys: At any time of year in conjunction with other things.

2237. M1: 2-3 days.

2238. M8: Last day.

2243. Ys: Put all over body.

Other Shamans

2245. M6: Never heard of them. M8: Pedro's father's father. Hair taken out of own head, burned; causes rain. People bet on it.

2245a. Yj: Medicine man does it.

2256. M8: Talks and beckons to wind. It comes for 2 days.

2263. M9: Lily's father's father's brother was a bear man.

2263b. M1: 1 night.

2275-2276. Ys, M1: In conjunction with other big times.

2277. Ys: 6-7 days.

2278. Ys: Little while.

2281b. M1: Visit women for night. Informant knows of case.

2282. M2: Sometimes when man hunting, coyote would approach him the way a pet does at home. Man would try to shoot coyote but would be too weak. Then coyote would come very close. In 1 case, man told his dog to chase coyote away, but dog also too weak to do anything. When coyote left, man went home, put his bow and arrows (rifle) away, told his wife, "Coyote fools me, scares me, makes me crazy," and went to sleep. Man was crazy and sick for about 1 year; did not know what he was doing during that time. 1 day he announced, "Coyote man is coming." People placed 4 baskets of uncooked acorns outdoors and hid everything else. Man came out of house and ate the acorns--"like a person eats peanuts." After eating, man found everything that had been hidden and many things which had been lost. After this, doctor "sucks" him and he becomes normal again. Man does not remember how he was able to find various articles. Never remembers anything which happened during year.

2288. M8,9: When about to die, man hides his money. Money finder locates it and tells chief, who divides it among dead man's relatives.

2294a. M1: Just 1 man, who could jump into fire and not get burned.

2294b. M1: Throw self into fire.

VARIOUS RELIGIOUS CONCEPTS

2298. M6: Dancing men only offer them and people do not know why.

2299c. M6: Never bothered by whirlwind. Not afraid of it. Played near it. M8: Sick for few days and may die.

2303. M3: Just blow at whirlwind to stop it.

2306. M1: "Can't do anything. If it hits you you get consumption. Dry up and die."

2307j. M1: Mostly witches.

2307m. M8,9: Eagle keeps in time with dancers.

2308. M6: Informant does not know about it. Claims had no names.

2309. M8: If mother's mother, then actually own moiety through father.

2313. Ys: Name never given to another; he would get sick and die.

DISCUSSION

I am taking this opportunity of presenting, from a subjective point of view, some observations regarding the method, the validity of the data, what can be obtained from the results, the reactions of the informants, and the reliability of the material.

The actual organizing of the list is analogous to a comparative study where the worker tries to follow the distribution of traits over an area, finds that certain elements have not been reported, and then goes out to determine whether the unreported traits are present or absent. Besides being the only project which deals with between 2000 and 3000 elements, this study is bringing to light for the first time a mass of material which is truly comparable. For those individuals who are interested in comparative diffusionist work, it should prove extremely valuable. In this type of study the elements for all of the groups are listed, whether the particular element is found reported in only one group of the area to be visited, or in all of the groups. After this, the list is organized and refined and taken to the field in order to check the presence or absence of all of the elements in all of the groups. Thus from one angle it is primarily a listing of and a checking of previous field work, and a filling in of the blank spaces. In the preparation of the list before entering the field it may be found that one author has reported only the material culture of group A, another author has reported only subsistence for group B, while a third has written a general monograph on group C. Another general monograph on group D may not be at all comparable with the monograph on group C. When all of the elements from the various reports are fitted together and tested, a body of material which covers all of these points is obtained. In addition, new elements are added while the list is being tested.

It is surprising that with the great amount of travelling about, intermarriages, living with other groups on reservations, and so on, the informants had so many definite answers concerning their own culture. They were continually reiterating in reply to my questioning of their statements, "We did not do that here. The people in the south (north, east, or west) did that." It was easy to check the statements of the informants. Having become thoroughly familiar with the published material on the region, one knows the answers to approximately half of the questions and is reasonably sure of another twenty-five per cent. The remainder of the answers are readily checked by having the informant elaborate on his statements, a considerable portion of the time being spent on this. It is unnecessary to "double-check" the material known from published reports; direct questions usually suffice.

Much time, which in the field is ordinarily taken up by the actual labor of recording the information, is saved by the use of the prepared lists, since all that is necessary is to place a plus, minus, or dot in the appropriate spaces. Thus, in answering the question, "How did your people hunt deer in the old days?", the informant may cover twenty elements, which can be recorded as rapidly as he talks. It is not unusual for him to state, "The men used to take a sweat-bath before they went hunting. The sweat-house was owned by the leader of the hunters. A group of men went together. All of the game was divided equally. They stayed away for four days when they went in a group and only a day or two when they went by themselves. The group-hunting was done only before a 'big-time' when the other groups were invited for dancing and gambling," and so on. Being familiar with the list, one turns to the elements and jots the symbols down. Very seldom does an informant give the information in the same sequence which appears in the list, and very seldom do two groups have the same elements in the same complexes of traits. Thus the arrangement of elements is never quite satisfactory for any group. It is at best an approximation. Seeing how the complexes vary gives one an insight into the cultures, which is very enlightening. For example, the element "group-hunting" which is included in the same complex as entertaining visitors in one group, is part of the first acorn rite in another group, and part of the complex of the mourning ceremony in a third group. This, of course, comes out in a study of the monographs on any region, but not to as clear and definite a degree.

It was possible to have the informant give generalized pictures of family life, religion, war, and so on, during the day, when time was taken for a "smoke." The information, of course, fell short of being complete, but since all of the groups had so much in common, it did aid in conceptualizing the basic functioning culture and in fitting the elements into a generalized integrated picture of the going society. Some of the notes may be of aid to those interested in this aspect. The fact that there are notes is an indication that in some cases the "element" is in reality a complex of traits showing a high degree of specialization in a group, and has not been broken down into its component or minimum elements. It was impossible to use all of the minimum elements in the area. The time did not allow for that.

Again, time did not allow the investigator to record the relative importance of the elements, although he could not help but notice how an element is an integral part of different complexes of traits in the same and in different groups to such an extent that it can be phrased as "seeing

diffusion and change at work." It is truly remarkable how elements take on various functions in different cultures, how they become integrated with other and diverse elements, and yet remain unique and distinct. On the other hand, "independent invention" and "gestalt" become clearer when another culture, in rearranging the elements, brings something new into existence.

By listing the elements in an approximate continuity, the function of the element must be scanted, although one realizes that it is not the parts of a culture alone which are important, but also the interfunctioning of the elements. Of course, the limited number of possible ways for things to develop plays a large part. All

these theories of cultural understanding and change become clearer. The data check all of them, and it is possible, by using the material, to follow up the statements made here. Unfortunately, it was impossible to check them more fully in the field without spending more time than was available and also without doing sufficient work for a monograph on each group visited, which is not the objective of this project.

It is not possible to estimate how much of the preceding is uniquely mine, since, in discussing these ideas with my colleagues, there has been an intermixture of impressions and reactions to a considerable extent.