

REFERENCES

Abbreviations Used

AA	American Anthropologist
AAnt	American Antiquity
CFG	California Fish and Game
SAA	Society for American Archaeology
-M	Memoir
UC	University of California
-AR	Anthropological Records
-ASR	Archaeological Survey Report
-PAAE	Publications in American Archaeology and Ethnology

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Table 1. Occurrence of constituents in fifty Lovelock Cave coprolites

<u>Plant</u>	<u>Entrance</u> Specimens (n=20)	<u>Interior</u> Specimens (n=30)
<u>Pinus monophylla</u> , seeds	1	3
<u>Equisetum</u> sp., spores	-	1
<u>Typha latifolia</u> , seeds, fiber	19	16
<u>Distichlis stricta</u> , seeds, fiber	5	6
<u>Elymus triticoides</u> , seeds, fiber	5	10
<u>Sporobolus asperifolius</u> , seeds	-	1
<u>Panicum capillare</u> , seeds	1	-
<u>Phragmites communis</u> , fiber	-	2
<u>Eleocharis</u> cf. <u>palustris</u> , seeds	-	2
<u>Scirpus robustus</u> , achenes, fiber	19	30
<u>Scirpus</u> sp., achenes, tuber	0	1
<u>Juncus</u> sp., seeds, fiber	0	1
<u>Rumex</u> cf. <u>utahensis</u> , seeds	0	2
<u>Atriplex</u> sp., seeds	5	8
<u>Salsola</u> cf. <u>kali</u> , pollen	1	0
<u>Suaeda</u> sp., seeds, fiber	6	2
<u>Amaranthus</u> sp., seeds, pollen	0	2
<u>Stellaria</u> sp., seeds	1	2
<u>Chaenactis</u> sp., seeds	0	1
<u>Mentzelia gracilis</u> , seeds	0	1
<u>Unidentified plant remains:</u>		
Charcoal	9	13
Twigs	2	1
Pollen	1	3
Roots	0	1
Tubers	5	1
Stem, leaves	18	27

Table 1 (Continued)

<u>Animal</u>	<u>Entrance</u> Specimens (n=20)	<u>Interior</u> Specimens (n=30)
Molluscs		
<u>Gyraulus</u> sp., shell	3	6
<u>Stagnicola</u> sp., shell	1	2
Insects		
<u>Anthrenus</u> sp., body parts	7	11
<u>Ptinus</u> sp., body parts	2	6
Fish		
<u>Catostomus</u> <u>tahoensis</u> , scales, bones	1	1
<u>Gila</u> (=Siphateles) <u>bicolor</u> , scales, bones	13	15
<u>Rhinichthys</u> <u>osculus</u> <u>robustus</u> , scales, bones	4	0
Birds		
<u>Colymbus</u> sp., feathers	2	0
<u>Pelecanus</u> cf. <u>erythrorhynchos</u> , feathers	1	0
<u>Nycticorax</u> sp., feathers	1	0
<u>Chen</u> <u>hyperborea</u> , feathers	1	0
<u>Anas</u> sp., feathers, bones	1	0
<u>Nyroca</u> cf. <u>valisineria</u> , feathers	1	0
<u>Fulica</u> <u>americana</u> , feathers, bones	7	0
Mammals		
<u>Ursus</u> <u>americanus</u> , hair	0	1
<u>Bassaricus</u> <u>astutus</u> <u>nevadensis</u> , hair	0	3
<u>Canis</u> <u>latrans</u> , hair	1	4
<u>Citellus</u> sp., hair	0	1
<u>Eutamias</u> sp., hair	0	1
<u>Peromyscus</u> cf. <u>maniculatus</u> , hair	1	0
<u>Lepus</u> cf. <u>americanus</u> , hair, bone	1	0
<u>Sylvilagus</u> sp., hair	1	0
<u>Odocoileus</u> <u>hemionus</u> , hair	1	2
<u>Antilocapra</u> <u>americana</u> , hair	1	0
<u>Ovis</u> <u>canadensis</u> , hair	1	0
Human		
<u>Homo</u> <u>sapiens</u> , hair	6	7

Table 2

Approximate seasonal availability of sample constituents
of the Lovelock Cave Entrance and Interior coprolites

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Avifauna												
<u>Anas</u> spp.		flock			nest					migrate		
<u>Fulica americana</u>					nesting				mature			
<u>Chen hyperborea</u>				nest	hatch				mature			
Fauna												
<u>Bassariscus astutus</u>												
<u>Canis latrans</u>								prime fur				
<u>Antilocapra americana</u>					young					migrate		
<u>Ovis canadensis</u>												
Fish												
<u>Siphateles bicolor</u>					spawn			peak				
<u>R. osculus robustus</u>					spawn							
<u>C. tahoensis</u>				spawn				mature				
Gastropods												
<u>Gyraulus</u> sp.												
<u>Stagnicola</u> sp.												
Insect												
<u>Odonata</u>								mature				
<u>Siphonaptera</u>												
<u>Diptera</u>					maximum							
<u>Coleoptera</u>												
Flora												
<u>Typha latifolia</u>				pollen				seed				
<u>Distichlis stricta</u>								seed				
<u>Elymus triticoides</u>												
<u>Panicum capillare</u>												
<u>Phragmites communis</u>												
<u>Scirpus robustus</u>					tubers			seed				
<u>Atriplex</u> spp.									seed			
<u>Suaeda</u> spp.								seed				
<u>Scirpus nevadensis</u>									tuber (?)			

Note: The density of the shading indicates the months of maximum availability of the coprolite constituents listed in column one.

Notes for Figure One

Figure One depicts the spatial relationships of the Lahontan Basin cave sites that are known to have contained human coprolites. The sector diagrams illustrate the approximate percentage of food items found in sample coprolites. The sample size ranges from one coprolite at Granite Point rockshelter to 74 specimens from the Thirty-two inch midden in Hidden Cave. Obviously, these limited data are not amenable to detailed statistical analysis.

The sector diagrams for Lovelock Cave are captioned "Ent" and "Int" referring to the entrance and interior coprolites. Radiocarbon dates (see text) are given for these accumulations and for the Thirty-two inch midden in Hidden Cave.

The locations of Leonard Rockshelter and Ocala Cave are indicated, since these sites are referred to in the text. Neither site contained human coprolites (Heizer, personal communication, 1968).

"Dune Occupation" indicates the location of various open-air occupation sites found along the shores of Humboldt Lake.

The legend "W.L." (weight loss) refers to the fraction of coprolitic material that is lost in solution during the rehydration process (cf. Heizer 1967:1-20).

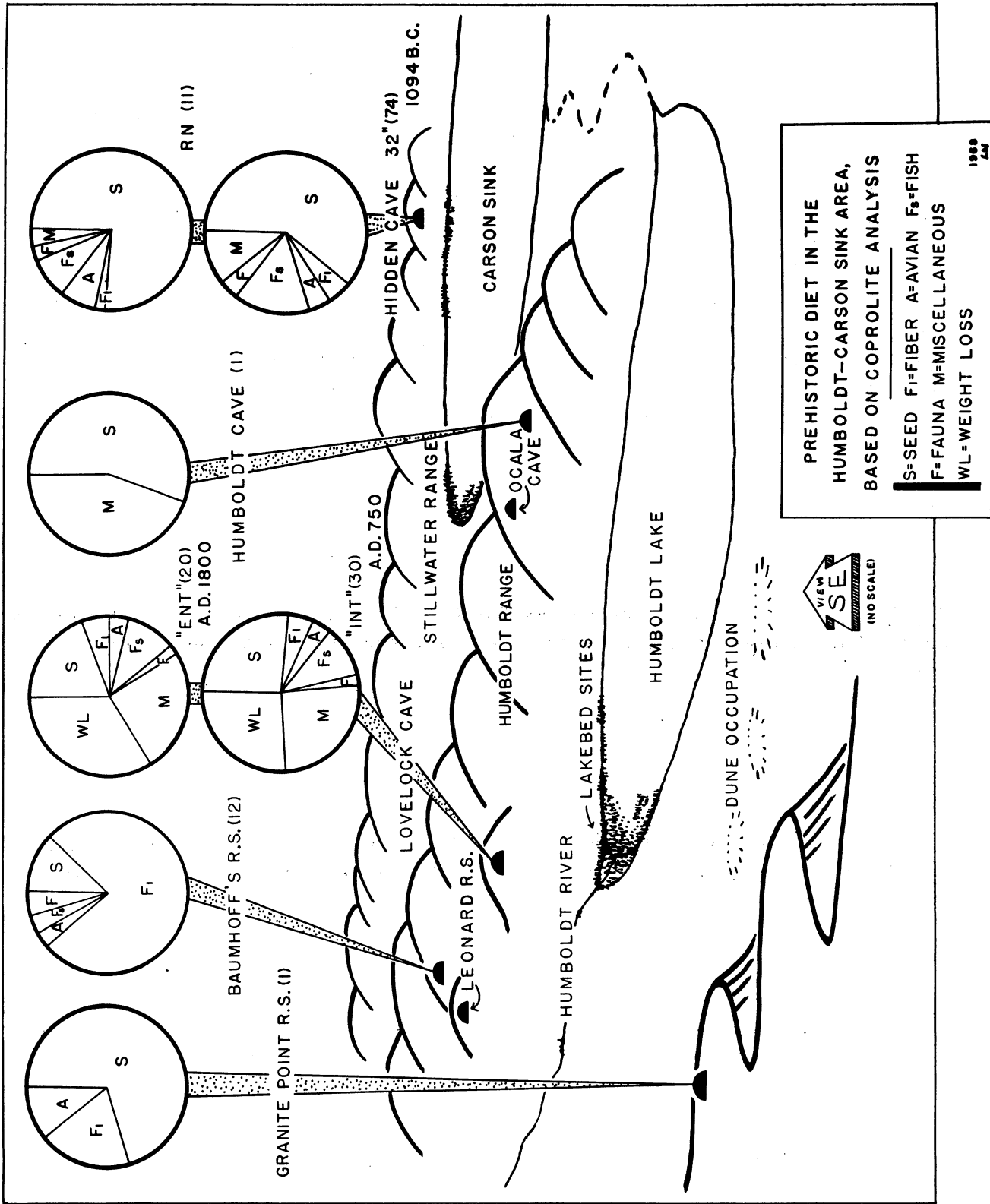


Figure 1

PLATE 1: Lovelock Cave, Nevada (NV-Ch-18); as seen from the Humboldt Lake bed level near NV-Ch-18 and NV-PE-5. View looking south toward West Humboldt Range. Lovelock Cave is located right of center. Lake Lahontan beach lines traverse slopes above the cave formation. Note Atriplex association in foreground. June 1968.

PLATE 2: Lovelock Cave, Nevada (NV-Ch-18): Exterior rockshelter, view toward the west. September 1968. Length of scale is three feet. Location of "Entrance" coprolites lower left center.

PLATE 3: Lovelock Cave, Nevada (NV-Ch-18): Interior of cave, view toward the west. Note smoke-stained ceiling. Cave entrance to right side of picture.

PLATE 4: Stillwater Marsh, Nevada, October 1968. Bulrush (Scirpus americanus) and rushes (Juncus sp.) are visible in foreground. View toward the south.



Plate 1



Plate 2



Plate 3

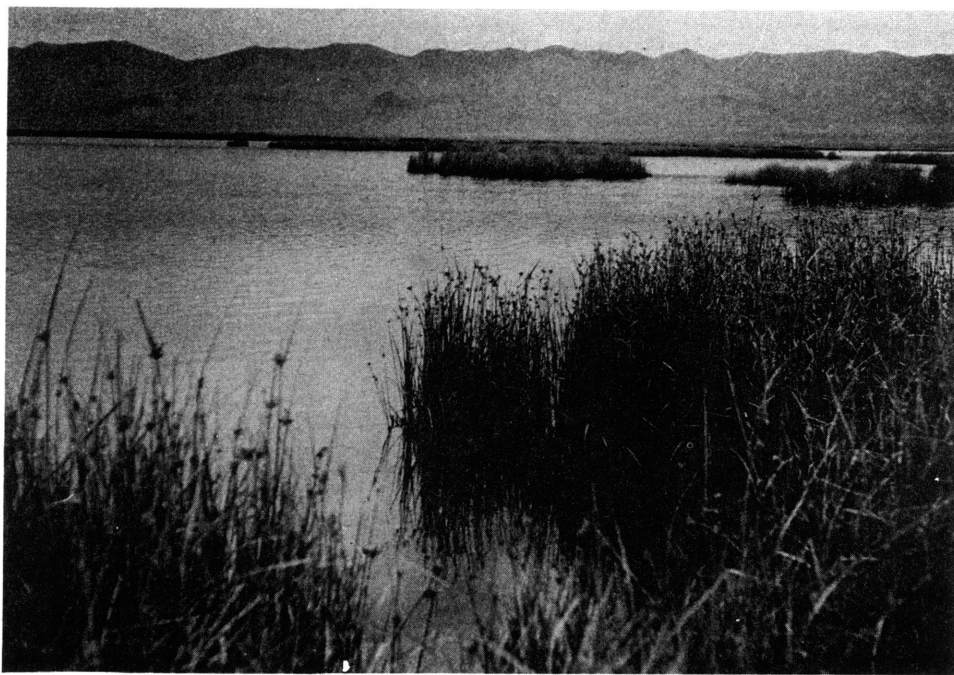


Plate 4

PLATE 5: Human coprolites from Lovelock Cave, Nevada (NV-Ch-18). Weight of upper specimen: 59.8 grams. Weight of lower specimen: 54.8 grams.

PLATE 6: Components of human coprolites from Lovelock Cave, Nevada (NV-Ch-18): Upper row: seed (Elymus triticoides); feathers (Fulica americana); bulrush seed (Scirpus robustus). Middle row: cattail seed (Typha latifolia); fishbone (Gila [Siphateles] bicolor); inkweed seed (Suaeda cf. depressa). Lower row: plant fiber; spheroids; charcoal.

PLATE 7a: Side view of modern (circa 1924) canvasback duck decoy, skin mounted over tule form, length 14 1/2 inches. Northern Paiute, Stillwater, Nevada (Heye Foundation 13-4189). (Loud and Harrington 1929:181; Pl.59:a).

PLATE 7b: Bottom view of specimen shown above (13-4189).

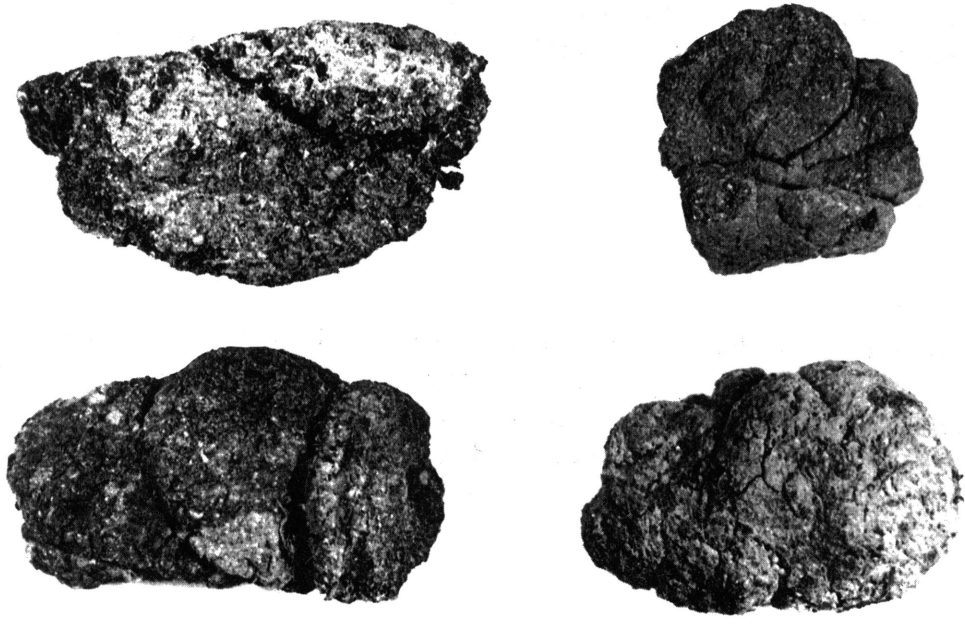


Plate 5

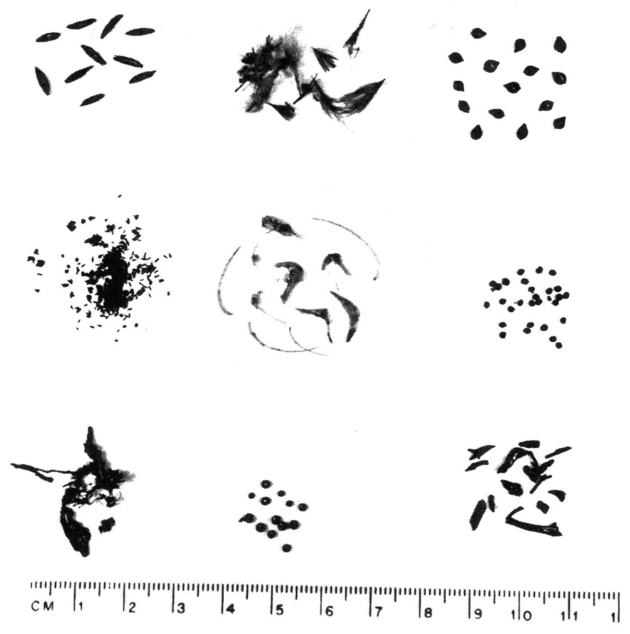


Plate 6

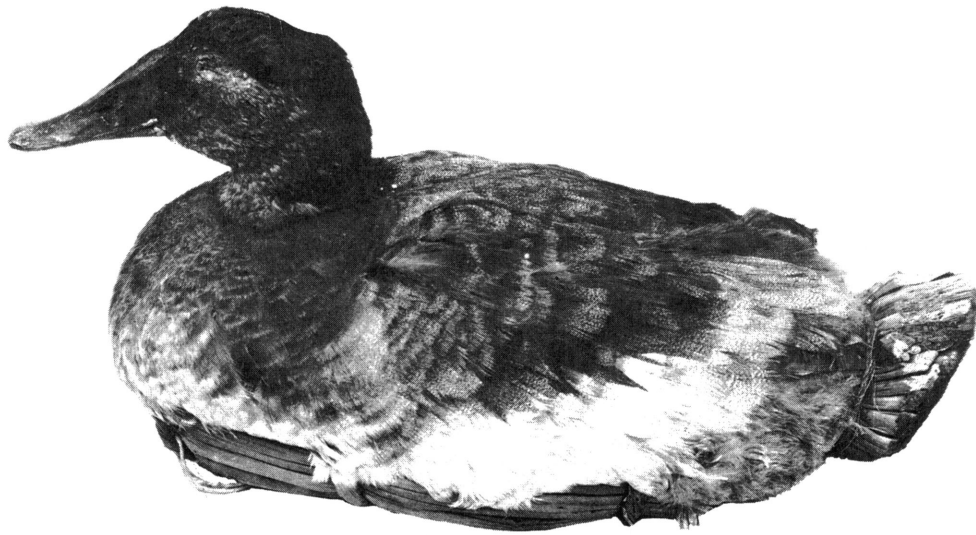


Plate 7a

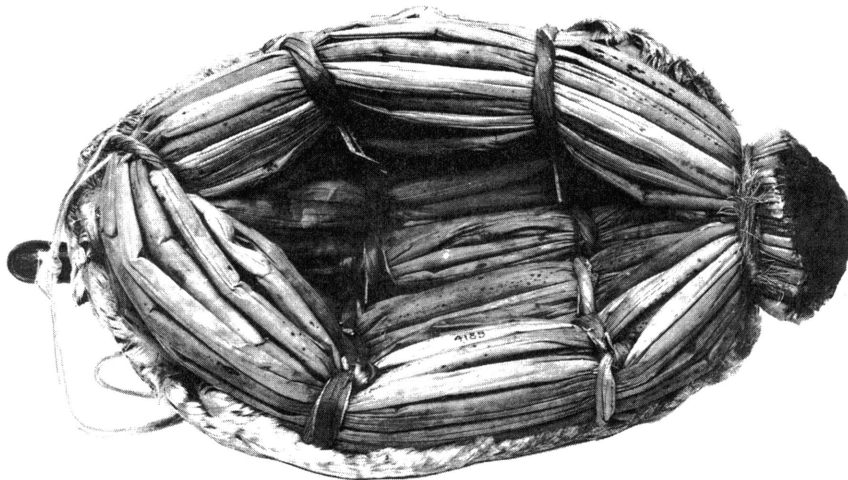


Plate 7b

PLATE 8a: Side view of tule body of duck decoy from Lovelock Cave, Nevada (NV-Ch-18), 12 1/4 inches long. Found in Pit No. 12 (Loud and Harrington 1929: 114;176,Pl.33:a; see also Pl.7). (Heye Foundation 13-4153).

PLATE 8b: Bottom view of specimen shown above (13-4513).

PLATE 9a: Side view of decoy of canvasback duck made of tule and rush, covered with feathers and paint, 11 inches long (Heye Foundation 13-4512). (Loud and Harrington 1929:176,Pl.34:b).

PLATE 9b: Bottom view of duck decoy from Humboldt Cave, Nevada (NV-Ch-35) covered with skin and feathers. (Top view of specimen is shown in Heizer and Krieger 1956:177,Pl.28:a). Note the similarity between details of this specimen and the modern Northern Paiute decoy shown in the same aspect in Plate 7a.

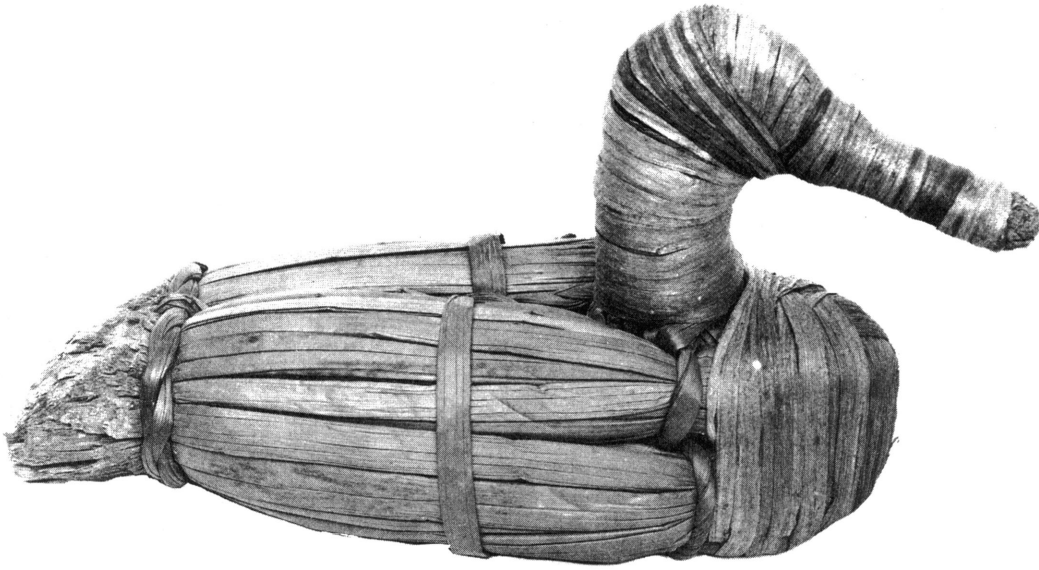


Plate 8a

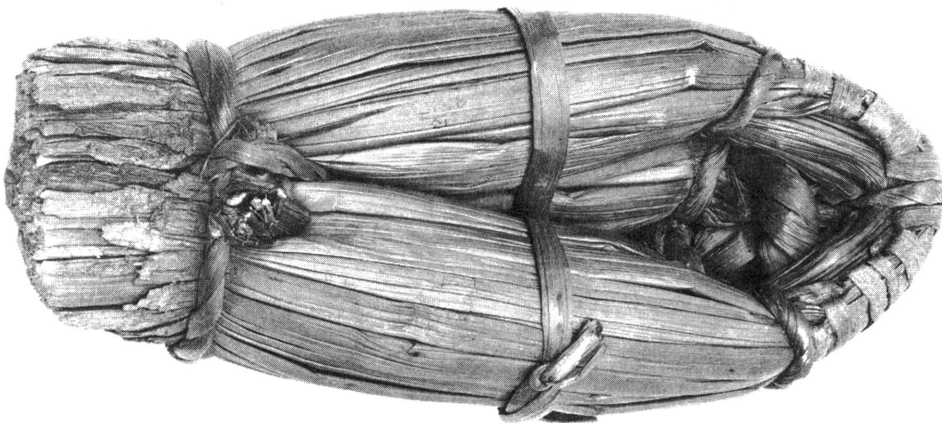


Plate 8b



Plate 9a

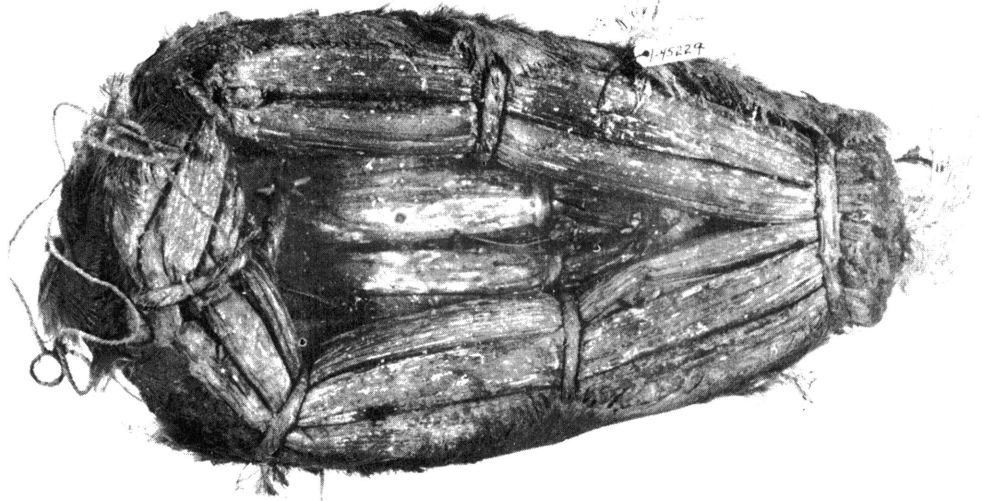


Plate 9b

About the Cover

Lovelock Cave, Nevada (NV-Ch-18) one of the prominent archaeological sites of the American west. View looking south toward the entrance of the cave. Photo by Lewis K. Napton, June, 1967.