

Hemenway Southwestern Archaeological Expedition.

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Daily Report of the DIRECTOR Relative to the
Progress of Work, Observations and Discoveries made,
and Collections secured.

Camp Hemenway

Sunday, 4th March, 1888.

Having learned from Doctor Gregg the exact locality of the pictographs of which he told me last spring, and finding leisure in the absence of current operations here, I decided to visit the northeastern Arroyo or wash above Los Hornos in the Maricopa Mountains to learn whether any aechenia-like animal could be found there represented or not. We started quite soon after breakfast, that is, the ladies, Mr. Baxter and myself. Mr. Baxter, meanwhile, proceeded, according to instructions, to Tempe.

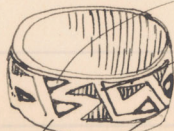
At Los Guanaecos I made examination of ruins XI and XII mostly excavated yesterday as well as X, excavations in which must have been finished during

during
 the morning of Saturday. I found some
 quite important but unattractive looking
 specimens, therefore concluded others
 had been taken to the camp. On ar-
 riving at the latter place I found
 Doctor Wortman (who wished to accompany
 us,) and Ramon alone. The latter told
 me he had hidden away in Ruin X,
 a most important specimen of shell
 inlaid-work. Leaving the ladies, I
 immediately took Ramon into the
 carriage and drove back. Now down
 in the corner of room a Excavation
 I, he had buried a quantity of sherds
 under which was a ^{of earthenware} spoon, (all from
 the same place,) containing the
 "treasure". It consisted of one of
 the univalvular rings heretofore
 so frequently found; but, like the seg-
 ment found at Casagrande it was
 quite elaborately incised and carved.
 The

pattern consisted of an adaptation of the Bannemeth pattern found on the third large decorated jar of Ruin II last summer, except that the connecting or border-lines which oblique, were angular instead of turned at the bends. Each alternate angle or volute (a) of the pattern was filled in with traces of a bright red lac-like pigment those with which they alternated (b) being filled also with lac-like black-pigment - traces of which only could be seen, while the tippets (c) with which the black sections of the pattern terminated, were inlaid with minute particles of turquoise. Altogether, this is perhaps the most unique and exquisite piece of art-work yet found in any of the Los Muecos series of ruins.

(Carved, incrustated and inlaid shell finger-ring)

b Ex alternating volute inlaid with turquoise



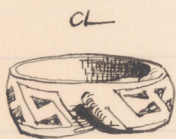
c tippet
a Ex: volute painted with red

I consider this specimen

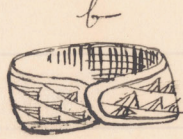
specimen priceless. Not only is it the first ever yet found (in America) but also, it gives a high state or rank to the Muerbo art; relates it apparently, east and west. As in the bracelets of Los Muerbos (8, 9) I have found evidence that the natural markings of the shells of which they were made first gave hints of their decoration; so in this, the natural red and black markings on the ^{conical variety of} Columnella shells, ^(Fig. 5, c) have inspired the original pattern out of which, by successive copying and elaborating, the decoration which makes it so beautiful has been developed.

As in the ^{or copper} Knii silver bracelet ^(Fig 10) you see not only the decoration but even the form of the ancient silver bracelet perpetuated (as in jade and other stone it more elaborately is, in China ^{Figs 11, -12}) so in the Knii silver rings ^(Figs b, and c, next page) you find even the spiral structure

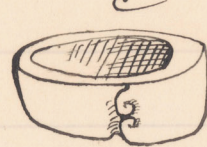
and triangular decoration of the ancient univalvular shell-rings perpetuated, — and indeed, these features seem to faintly survive in some of the thumb-rings of the Orient!



Los Muertos & Guanaecos
Shell-ring, incised
and inlaid.



Zuni Silver ring
engraved.



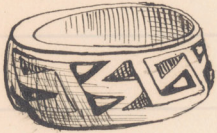
Chinese jade
thumb-ring,
carved.



Sketches apropos of above
showing evolution of form
and decoration in some

of the Ancient and modern Zuni ornaments and paraphernalia. (See also, sketches in preliminary report, relative to bracelets and shell fringes or bells, also plain rings.) I add as well, further sketches, which, although hasty and lacking the important feature of color, may nevertheless serve as suggestions for points I may have missed in both Reports. Must have fresh shells collected, including the reticulated seem to have clams of California, which suggested inlaying.

Fig. 1.



Enceased and inlaid ring from Los Guanaecos

Fig. 2.



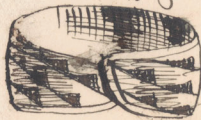
Enceised and inlaid shell ring from Anet ruins

Fig. 4.



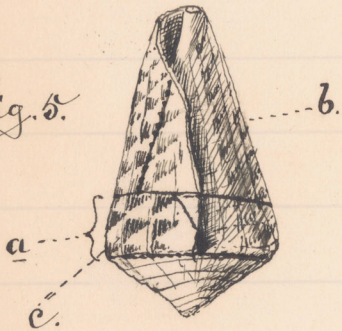
Curved and polished jade thumb-ring from China

Fig. 3.



Engraved Silver ring from Xuii

Fig. 5.



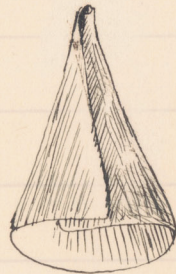
Drawing illustrative of origin and manufacture of shell rings fringe bells, and derivation of decoration on former, as on Xuii silver rings.

Fig. 6.



Ancient shell fringe-bell

Fig. 7.



Xuii Silver fringe-bell

Fig. 8.

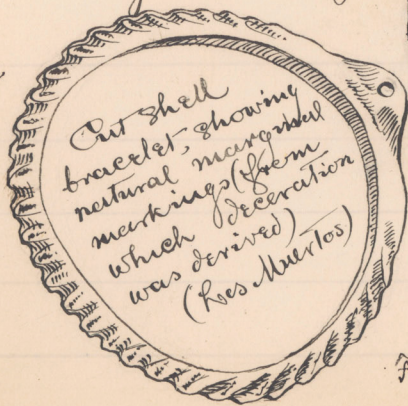


Fig. 9.

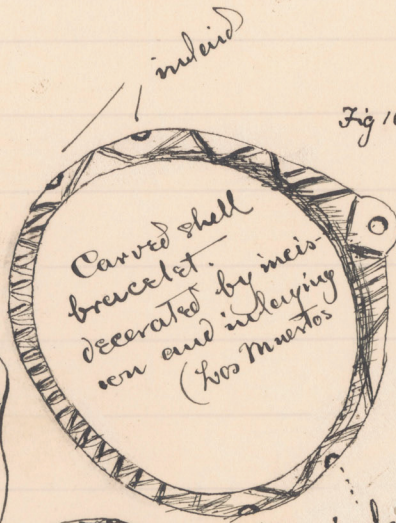


Fig. 11.

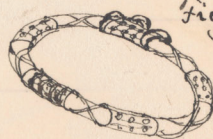


Chinese bracelets of jade plain and carved.

Fig. 10.



Fig. 12.



Chinese bracelet of tortoise-shell and gold, seen by me in Prescott, 1887.

6.

Ramon informed me further, that he had some knives and axes had been found and also hidden by him; but these, I did not have time to examine.

Returning ^{to the "Guanacos} Camp," we set out across country for the mountains. En route above the railroad we encountered wide-spread evidences of occupation, plainly connecting the Los Guanacos and Los Hornos ruins and thus making the latter as extensive as (if not more than) those of Los Muertes.

Far above, on the ^{stony} slopes of the mountains we found the little heaps so carefully placed by the ancients over a space nearly half a mile wide around the base of the hill where I found last Spring, evidences of some kind of mining operations, on which I have written in
the

Preliminary Report. I need not add to what I have said there relative to the diggings having in all probability been made for the purpose of procuring pigments or perhaps lime material for washing the walls. The specimens of rock I sent to the Smithsonian for analysis were never reported upon. But I mention the occurrence of the heaps of stones, here as extending the work much further than I thought earlier in our work.

Just below the line of prominent foot-hills which run down from the Rio Salado or Maricopa mountains north eastward, is the Mouth of a wide, abrupt sided, sandy bottomed gulch or arroyo. I will call it the North eastern gulch

gulch

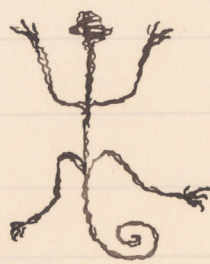
for, entering it and driving up half a mile, I began to find so many evidences of petrographs and ancient sacrifices, that the place will have to receive more than cursory attention. About a mile from the hills mentioned, I found superb pictographs of the usual type amongst which the Sai-a-lu-si (see fig. following) was prominent. There were also

etchings of figures (I have Cushing for




monkey-like to thank Mrs. recognising

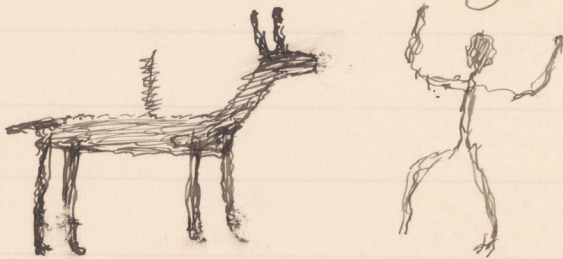
this) as may be seen also in sketch is appended, though equally some kind of lizard. the design may represent, perhaps, some



Meanwhile while the ladies, Doctor Westman

Wortman
 and Mr. Baxter drove up the
 East bank of the Arroya the
 western headlands of which I
 was exploring, and at the
 abrupt mountain hills which
 stopped their progress they
 encountered two or three
 splendid groups of Petrographs.
 They are amongst the most ornate
 I have ever seen and strong-
 ly call to mind the paintings
 of the Zuñis in both their estufa
 decorations and the petrograph
 roll illustrative ^{at} of the Migration
 ritual. Amongst many other
 animal forms Mrs. Cushing had
 already detected the Anchenia
 like figure, but an unfortunate
 break in  the rock
 had destroyed the tail and
 I could not therefore use
 the

the
 Example (with any degree of
 safety) as typical. Below, a
 little eastward we found a splen-
 did group etched on scattered
 boulders under which occurred
 a little grotto. The figures here,
 although much weathered were
 fine. Not only was the athena
 found confronted by a man, but



also, various
 ornate designs
 one of which
 I reproduce

below. There were every where present
 shreds of sacraficial pottery. There-
 fore I must have the place not only
 photographed, but also thoroughly searched

Very Respectfully Submitted

Frank Hamilton ~~Washington~~



(Combined whirlwind and lightning)