

F igne division P

22 F igne heads.

- 4 relatively plain + good:
- 2, haddes
- 4, high forehead haddes
- 2, " " " "
- 2 large, broken " "
- 2 miss
- 2 eroded
- 2 very "
- 2 miss

- P: NE4-77, E-1-168
- P: NE4-41
- P: M-35-1, NE4-40
- P: NE-4-32;
- NE-4-78,
- NE-4-65
- NE-4-80
- NE-4-81
- NE4-43

G

- G: NE-4-42; E-1-169
- G: NE-4-109
- G: NE4-66; NE4-105
- W-8-45
- NE-4-79
- M-31-1
- E-1-180
- NE-4-28
- W-8-50

14 tags + large tags frogs:

- 2 hollow, blue color
- 2 relief ornament
- 2 large hollow
- 2 " "
- 4 hollow whistles (?)
- 2 frogs ( " ?)
- 2 tufted figurine legs
- 2 headresses
- 5 bud ovaries

- M-34-2
- NE-4-45
- NE4-64
- NE-4-35
- W-8-44, NE-4-47
- NE-4-46
- W-31-60
- E-1-175 (not all listed)
- NE4-56, NE-4-84
- NE-4-72
- NE-4-90
- NE-4-57

- NE-4-44
- NE-4-33
- NE-4-29
- E-1-207
- NE-4-67; NE-4-48.
- NE4-68
- W-(6-30
- E-1-181
- NE-4-107, M-33-1
- NE-4-89
- W-8-47

22 ans, feet or solid fragments

- M-35-2, NE-4-54
- NE-4-58, E-1-190
- E-1-189, NE-4-55
- W-8-40, W-8-39,
- W-8-41, NE-4-85
- NE-4-83

- NE-4-37, -4-71
- " 4-73, 4-70,
- 4-74, W-31-58 (2)
- E-1-182, W-8-42
- NE-4-87, NE-4-86

22 figurine fragments

- NE-4-51, NE-4-50
- NE-4-59, -4-91
- W-16-20, NE-4-98
- E-1-176
- NE-4-82, -4-63,
- 4-53, E-1-170

- NE-4-26, 4-49,
- 4-69, 4-97,
- 4-84, E-1-171
- NE-4-52
- W-8-46, NE-4-110
- 4-60, -4-88

# CATALOGUE - OF BONES

Cards typed 1.

F. Crisson

<u>CAT.</u> <u>NO.</u>	<u>FIELD</u> <u>NO.</u>	<u>DESCRIPTION</u>
L-39-266	E-50-9	Human bone. Part of jaw containing two teeth.
L-39-267	NE-1-14	Human bones. Lower jaw and two bone fragments.
L-39-268	NE-1-33	Human bones. Two fragments.
L-39-269	NE-1-35	Human bones. Five pieces of skull.
L-39-270	NE-1-36	Human bone.
L-39-271	NE-1-39	Human bones. Fourteen fragments of pelvis.
L-39-272	NE-1-41	Human bones. Eleven bone fragments and one tooth.
L-39-273	NE-1-44	Human bones. Six bone fragments, three pieces of jaw, and two molar teeth.

<u>CAT.</u> <u>No.</u>	<u>FIELD</u> <u>No.</u>	<u>DESCRIPTION.</u>
L-39-274	S-1-53	Human bones. Three fragments.
L-39-275	S-2-50	Human bones. Forty-six fragments of skull.
L-39-276	S-2-64	Human bones. One piece of lower jaw, seven teeth, twenty-six fragments of skull and other bones.
L-39-277	S-15-10	One human tooth.
L-39-278	S-15-19	Human bones. Three pieces of jaw with teeth, five teeth, nineteen fragments of skull and other bones.
L-39-279	S-15-20	Human bones. Seventeen fragments of skull and other bones.
L-39-280	W-2-29	Human bones. Part of lower jaw and one other bone.

<u>CAT.</u> <u>NO.</u>	<u>FIELD</u> <u>NO.</u>	<u>DESCRIPTION.</u>
L-39-281	NE-1-10	Bones, possibly human. Six fragments of long bones.
L-39-282	NE-1-12	Bones, possibly human. Two fragments.
L-39-283	NE-1-43	Bones, possibly human. Two fragments.
L-39-284	W-2-32	Bones, possibly human. Two fragments.
L-39-285	W-2-60	Bone, possibly human. Fragment of flat bone.

DIVISION OF JADE? SHELL, FLINT AND OBSIDIAN

- ✓ 17 8 jade chips, 4 worked shell, lot bones G
- ✓ 19 2 mediocre obsidians G
- ✓ 21 7 good chipped flints P
- ✓ 22 1 poor carved jade, 2 natural shell, 7 flint chips, 7 poor obsid. P
- ✓ 23 3 flint chips, 3 poor obsidians G
- ✓ 24 1 bone object, lot of bones, 2 flint chips, 1 good obsidian P
- ✓ 32 2 natural shells, 5 mediocre flints, 8 mediocre obsidians P
- ✓ 34 2 mediocre obsidians G
- ✓ 39 12 poor flints, 4 mediocre obsidians G
- ✓ 40 2 jade chips, 2 flint chips, 2 mediocre obsidians P
- ✓ 42 5 jade chips, 1 worked shell, 1 shark's tooth, 13 poor flints,  
23 poor obsidians P
- ✓ 46 8 jade chips, 6 good obsidians G
- ✓ 48 3 jade chips, 7 mediocre flints, 2 poor obsidians G
- ✓ 53 1 fine flint, 2 good obsidians G
- ✓ 57 1 carved jade, 3 jade chips, 1 worked shell, 1 unworked id.,  
7 fine flints, 4 poor obsidians G
- ✓ 58 5 good flints, 5 good obsidians P
- ✓ 60 2 shaped jades, 3 natural shells, 2 fine flints, 7 mediocre obs. G
- ✓ 64 2 good flints, 7 poor obsidians G
- ✓ 66 1 worked shell, 1 unworked id., 6 mediocre flints, 2 poor obsid. G
- ✓ 68 2 poor obsidians G
- ✓ 76 5 flint chips, 5 poor obsidians G
- ✓ 83 1 mediocre obsidian G
- ✓ 84 2 poor carved jades, 8 jade chips, 3 flint chips, 10 good flints,  
10 mediocre obsidians P
- ✓ 85 1 carved jade, 4 mediocre flints, 7 mediocre obsidians P
- ✓ 92 1 carved jade, 5 mediocre obsidians P
- ✓ 93 1 carved jade, 1 plain jade, 2 mediocre flints P
- ✓ 97 2 jade chips, 1 flint chip, 7 mediocre flints, 21 mediocre obs. G
- ✓ "" 16 fine flints, 15 very good obsidians P
- ✓ "" 2 carved jades, 1 plain jade, 6 worked shell, 2 unworked shell,  
17 fine flints, 15 very good obsidians G
- ✓ 98 2 very good jades G
- ✓ 104 1 carved jade, 1 worked shell, 2 unworked shell, 4 mediocre  
flints, 4 poor obsidians G
- ✓ 107 2 shaped jades, 3 natural shell, P
- ✓ 108 4 good jades, 4 mediocre flints, 6 mediocre obsidians G
- ✓ 109 11 worked shell, 8 very good obsidian P
- ✓ 119 1 poor carved jade, 1 worked shell, 6 mediocre flints, 9 mediocre  
obsidians P
- ✓ 120 3 good jades, 7 poor jades, 2 shell, 8 good flints, 17 good obs. G
- ✓ 121 3 natural shell, 1 good flint, 3 good obsidians G
- ✓ 122 5 poor carved jades, 4 natural shell, 5 fine flints, 10 good obs. P
- ✓ Misc. 1 carved jade, 1 plain jade, 1 carbonized bone, ~~2 flint chips~~,  
5 good obsidian P
- ✓ "" "" 4 shell fragments, G

*WCS*

Plaza trench

- L-16-591 - W-1-6 - fragment of deer long bone  
L-16-627 (W-1-8) " of " " " "  
L-16-591 (W-1-22) Deer, proximal end of radius  
L-16-615 (W-1-28) " " " " "  
L-16-591 (W-1-22) Radius of peccary  
L-16-591 (W-1-22) Deer, distal end of femur, lacking epiphysis  
L-16-697 (W-1-31) Deer, distal end of humerus  
L-16-706 (W-1-34) Deer, head of scapula

Plaza Camp Plaza Pit

~~xxxx~~

~~xxxxxxx~~

- L-17-339 (M-2-4) Deer, distal end of femur (cut off)

- 
- L-16-199 ( ) Deer, distal end of femur  
L-16-199 ( ) Fragment of deer bone.

Burial #2 (SE Section, Group LX11)

~~xxx~~

- SE-1-1 Bones of a small mammal, not identifiable as to species.

- 
- L-16-350 ( ) Bones of small bird, not parrot, not turkey.

- 
- L-17-97 ( ) 2 fragments, one of lower jaw, one of pelvis,  
species not identifiable.

- L-16-757 ( ) Not identifiable ( turtle ? ? ? ); mammal ?

Johnson Exped. 1931

Memo re teeth, No. 1-16-975

~~West Group Ball Count~~  
West Group Ball Count.

11 molars : not particularly worn down. - 2 with fragments of ja

2 upper cuspids )  
2 lower cuspids ) all filed, more or less to points, some  
2 lower bi-cuspids) with "shoulders".

4 bi-cuspids, not filed

21 teeth

N.B. 1 molar and 1 bi-cuspid (not filed) appear to have been lost since identification.

To Paul for restoration.

Pot - L-16-10 (E-1-10)


Pot - L-16-19 (E-1-11) (with cache).

Pot - L-16-30 (E-1-17)

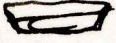
Pot - L-16-31 (E-1-19) (cylindrical).

Pot - E-16-44 (E-1-23) - "var. polygon.


Pot L-16-124 (E-1-45). (not complete).

Pot L-16-190 (E-1-60)  dish. RT'd

Pot L-16-296 (E-1-95).

Pot L-16-330 (E-1-104) 

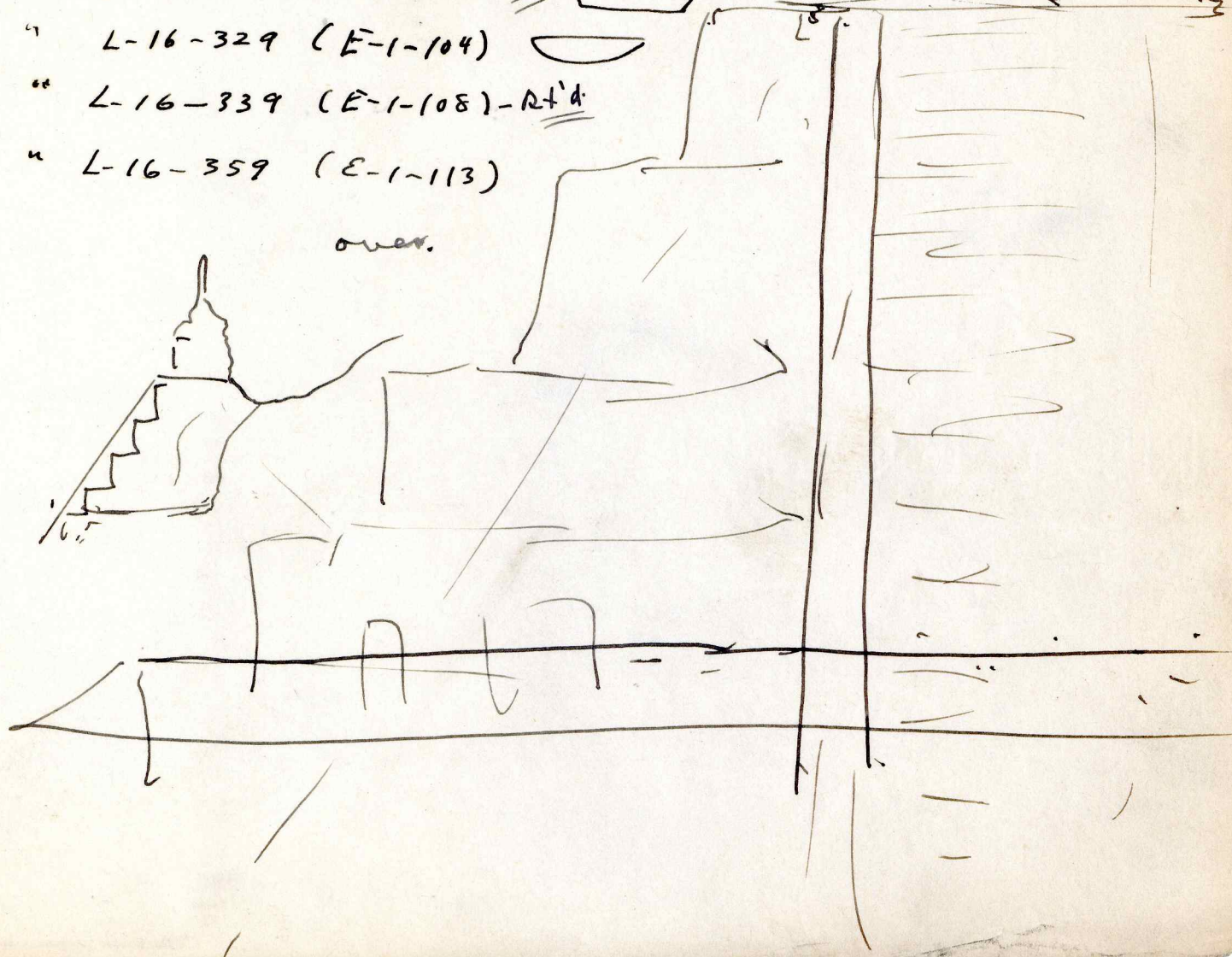
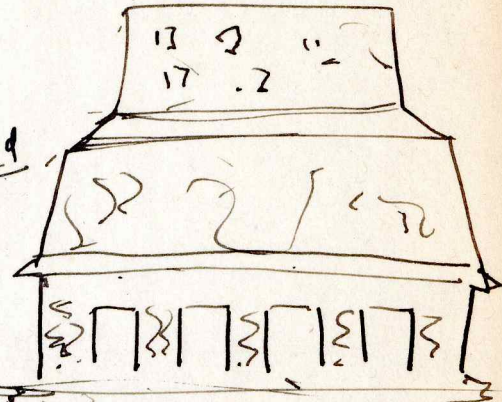
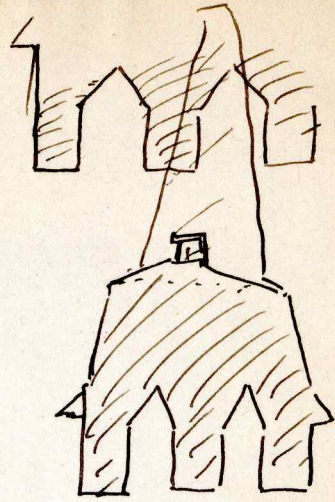
" L-16-334 (E-1-107) RT'd

" L-16-329 (E-1-104) 

" L-16-339 (E-1-108) - RT'd

" L-16-359 (E-1-113)

over.



Paul for Restoration

L-16-91 - Ec. head  $\Sigma$  (2. a. m.)

Pod L-16-384

" L-16-390

" L-16-383

" L-16-389

" L-16-391

" " - 392

" " - 393

" " - 394 (with fabric).

" L-16-859 (pod) (cochew-2)

" W-2-9

" W-2-10

W-2-12

} (Lacandone)

" W-2-14 (head only - hardly hard of 10)

" L-16-847 (hem slala)

L-16-866 (fac.).

L-16-857 (slala 9 incensor).

L-16-865 (Lacandone incensor from teno 6).

Pod L-16-918

L-16-913 (head)

L-17-220 (SE-1-20)

Pool for 1950

L-16-81 - 3 (Pine) (D.O.M.)

Pod L-16-82A

L-16-82B "

L-16-82C "

L-16-82D "

L-16-82E "

L-16-82F "

L-16-82G "

L-16-82H "

(with notes)

L-16-82I (Pod) (see W-2)

W-2-P "

(see notes)

W-2-10 "

W-2-15 "

W-2-14 (Pod only - Pod only Pod only)

L-16-82J (see 222)

L-16-82K (Pod)

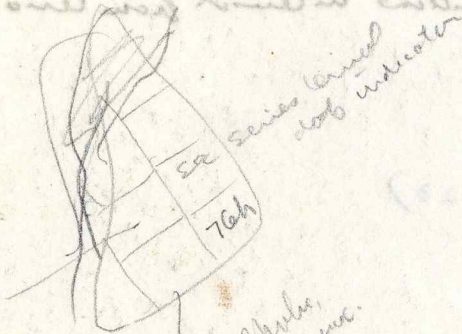
L-16-82L (2 Pod in series)

L-16-82M (Pod in series with Pod (no 2))

Pod L-16-81B

L-16-81C (Pod)

L-16-81D (Pod)



? has 5 lines?

Ken, Mark,  
Dr. in course.

Obsidian samples, Piedras Negras, Guatemala  
Submitted by W.R. Coe, University Museum, Philadelphia.  
All eccentric obsidians.

*De Coe - For your file if  
you want it.  
are*

Sample No.	Field No.	Location	Micron Th.	Obsidian Age Years B.P. and A.D.
18-1	L-27-3a	Cache K-5-2 (Mayan 9.6.0.0.0)	2.9 2.6	740 B.P.;1219AD 580 B.P.;1479AD
18-2	L-14a-338	Cache K-5-8 ( " )	0.98	79 B.P.;1880AD
18-3	L-142-337	Cache K-508 ( " )	2.0 2.01	350 B.P.;1609AD
18-4	L-16-919d	Cache K-5-1 ( " )	0.83	66 B.P.;1893AD
18-5	L-16-919e	Cache K-5-1 ( " )	0.94	75 B.P.;1884AD
18-6	L-142-318	Cache K-5-5 (Mayan 9.12.5.0.0)	0.98	78 B.P.;1881AD
18-7	L-142-319	Cache K-5-5 (Mayan " )	1.03	87 B.P.;1871AD

Obsidian comment re Friedman and Smith:

All good obsidian; all show very thin rims and suggest recent manufacture. Except for 18-1 and 18-3 the dates are so close they almost suggest manufacture by one person at the same time. When dates fall like this the only conclusion is that the objects are not related to the archeological culture or horizon from which they are believed to be located; unless some unknown factors are introduced. Not subjected to fire hence no crackling.

Check provenience data carefully?

Who dug them?

What year?

Could they have been "palmed off" on the excavator by clever workmen seeking a good "propina"?

## Obsidian samples, Maya area.

Submitted by G.R. Willey, Peabody Museum, Harvard

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## COPAN

Sample No.	Field No.	Location	Micron Th.	Age- YrsB.P.; A.D.
34-1	C/208	Flake Copan, Chamber 2, Tomb 1, Late Classic.	1.96	338 B.P.; 1621AD
34-2	C/232	Flake, Skeleton 9, Tomb 3, " "	2.11	390 B.P.; 1568AD
34-3a	C/287	Flake, Tomb 10, Post Classic		
34-3b	C/288	Flake, Tomb 10, Post Classic	1.62	236 B.P.; 1723AD
34-4	C/681	Knife, under Stela 3; 9.11.0.0.0	1.18	123 B.P.; 1836AD
34-5	46-48-20/ 15238	Scrap, Trench 1, Cut 7, Meter 1 Formative Period	3.8	1260 B.P.; 699AD
34-6	46-48-20/ 15295	Scrap, Trench 1, Cut 7, Meter 3 Formative Period	2.5	530 B.P.; 1429AD
34-7	46-48-20/ 15357	Scrap, Trench 1, Cut 7, Meter 5 Last Part of Early Classic	3.7	1195 B.P.; 764AD
34-8	46-48-20/ 15533	Scrap, Trench 1, Cut 7, Meter 15 Final Part of Early Classic	1.62	236 B.P.; 1723AD

## UAXACTUN

34-9	33-99-20/ 3393	Scrap, cache under plain Stela A-7, Morley estimates 9.14.0.0.0	2.26	443 B.P.; 1516AD
34-10	33-99-20/ 3394	Core, cache under plain Stela D-3, Morley estimates 8.19.0.0.0	1.52	206 B.P.; 1753AD
34-11	33-99-20/ 3402	Adze, cache in top of E-IX, Early Classic (Tzakol)	3.5	1065 B.P.; 894AD
34-12	33-99-20/ 3413	Scrap, cache under plain Stela D-3 Morley estimates 8.19.0.0.0	2.3	458 B.P.; 1501AD
34-13	38-83-20/ 6165	Knife, Structure A-5. Resembles pieces from Tikal with 9.14.0.0.0 date	3.14	870 B.P.; 1089AD

## KAMINALJUYU

34-14	37-8-20/ 4835	Knife, Miraflores Phase	2.9	740 B.P.; 1219 AD
34-15	38-83-20/ 6007	Point, Mound I, Tomb III, Esperanza Phase	4.6	1860 B.P.; 99 AD
34-16	50-75-20/ 13309	Scraper, Miraflores Phase		
34-17	38-83-20/ 6035	Knife, Mound I, Tomb V Esperanza Phase	5.1	2285 B.P.; 335 BC

## HOLMUL

35-1	C/5466	Scrap, Ruin B, Group II with skeleton 2, Holmul III, Early Classic	4.3	1620 B.P.; 339 AD
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## TIKAL

35-2	32-41-20/141	Incised knife of scraper, possibly from under stella 16 Date 9/14.0.0.0	0.74 1.1	59 B.P.; 1900 AD 106 B.P.; 1852 AD
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MAYAPAN (submitted by H.E. D. Pollock) rest of sample still in process.

3-1a	-	Mayapan, Yucatan, 1200-1500 A.D.	2.4	494 B.P.; 1465 AD
3-1b	-	Mayapan, Yucatan, 1200-1500 A.D.	2.4	494 B.P.; 1465 AD

Comments on obsidian by Friedmann and Smith:

Copan - # 34-14. Very thin; don't see how this could be Maya; could this be of modern manufacture and faked. Given the plus or minus error of 0.1 micron the date would only vary about 25 years.

# 34-5 and 34-7 appear to be the only dates that even come close to the estimated time period.

All others seem to be Post European.

What are the collection conditions?

Who collected them? What Year?

Any possibility of a worker slipping in something on the excavator?

Uaxactun - 34-11 and 34-13 appear to be the only dates that even come close to the estimated periods.

All other dates seem to be Post European

What are the collecting conditions?

Who collected them? What Year?

Kaminaljuyu - All these dates seem to be preEuropean, but at least the two Esperanza Phase are relatively close. One sample still to be dated.

Tikal - 35-2 Tested twice in two separate parts; more variation than is usual in two parts of a single artifact but without any doubt this is recent due to thinness of hydration rim. Probably a fake planted on the excavator. Who excavated it? What year?

Mayapan - Only two samples dates so far; rest in process.

#3-1a, #3-1b - both give the same date and within the estimated range.