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**Tracing traces from present to past : a functional analysis of pre-Columbian shell and stone artefacts from Anse à la Gourde and Morel, Guadeloupe, FWI**  
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## Appendix 1: Code list use wear traces

<b>Code</b>	<b>Secondary modifications</b>	99	unsure
1.	absent		
2.	light	<b>Code</b>	<b>Worked material</b>
3.	medium	10	plant unspecified
4.	heavy	11	non silicious plants
5.	burned	12	silicious plants unspecified
.0	interpretable	13	reeds
.9	uninterpretable	14	cereals
		15	grasses
<b>Code</b>	<b>Degree of wear</b>	16	manioc
01	no traces	20	wood unspecified
02	lightly worn	21	hard wood
03	medium worn	22	soft wood
04	heavily worn	23	willow
05	lightly worn and possibly resharpened	30	bone/antler
06	probably used	31	bone
08	not interpretable	32	antler
09	unsure	33	tooth
		34	horn
<b>Code</b>	<b>Applied motion</b>	35	bone/wood
10	longitudinal	36	ivory
11	cutting	40	hide unspecified.
12	sawing	41	dry hide
13	shaving	42	fresh hide
20	transverse	50	soft animal material
21	scraping	51	meat
22	planing	52	meat+bone
23	whittling	53	fish
30	boring/piercing	60	mineral unspecified
31	boring	61	soft stone
32	piercing	62	shell
40	diagonal	63	soft clay
41	graving	64	fired pottery
42	splitting	65	soil
50	dynamic activities	66	pyrite
51	chopping	80	unknown /well defined
52	wedging	81	polish 23
53	pounding	82	polish 10
54	adzing	99	unsure
55	hoeing	9910	soft material not specified
56	milling	9911	soft material animal
80	hafting	9912	soft material vegetal
81	hafting, bitumen/tar	9913	soft material inorganic
82	hafting in hide	9920	med material not specified
83	hafting in bone	9921	med material animal
84	hafting in wood	9922	med material vegetal
85	hafting retouch	9923	med material inorganic
89	hafting, unsure	9930	hard material not specified

<b>Code</b>	<b>Worked material</b>
9931	hard material animal
9932	hard material vegetal
9933	hard material inorganic
9940	unsure not spec.
9941	unsure animal
9942	unsure vegetal
9943	unsure inorganic

<b>Code</b>	<b>Macrowear shell tools</b>
1.	Not modified
2.	Edge removed
3.	Retouch, rectilinear
4.	Retouch, curvilinear
5.	Facetted edge
9.	Uncertain
.1	Manufacture
.2	Use
.3	Manufacture and use
.9	Uncertain

### Description of experimental artefacts

<b>Code</b>	<b>Natural retouch</b>
-	none
-/+	some
+	much
++	a lot

<b>Code</b>	<b>Intentional retouch</b>
-	none
-/+	some
+	much
++	a lot

<b>Code</b>	<b>Use retouch</b>
-	none
-/+	some
+	much
++	a lot

<b>Code</b>	<b>Edge rounding</b>
01	none
02	some
03	much
04	a lot

<b>Code</b>	<b>Striations amount</b>
01	absent
02	a few
03	moderate
04	a lot
09	unsure

<b>Code</b>	<b>Polish topography</b>
01	not distinctive
02	domed
03	flat
04	corrugated
05	pitted
06	cratered
07	comet tails
08	scratched
09	unsure

<b>Code</b>	<b>Polish distribution</b>
01	greasy lustre
02	isolated spots
03	thin line along edge
04	band along edge
05	band away from edge
06	melting snow field
07	spread
08	streaks
09	bevel
99	unsure

<b>Code</b>	<b>Polish texture</b>
01	smooth
02	rough
09	unsure

<b>Code</b>	<b>Polish brightness</b>
01	very bright
02	bright
03	dull
04	very dull
09	not applicable

<b>Code</b>	<b>Polish development</b>
-	none
-/+	slight
+	well
++	very well

## Appendix 2: Shell artefact description, variables and possible entries

### Artefact type

### ORNAMENTS

#### Beads and pendants

- Discoid bead
- Pendant
- Tinkler
- Tinkler, apex perforation only
- Bivalve shell with perforation
- Perforated tops

#### Adornments

- Application, no holes
- Application, one hole
- Application, two holes
- Decorated piece
- Inlay
- Disc

#### Three-dimensional objects

- Three-pointer without pedestal
- Three-pointer with flat pedestal
- Three-pointer with hollow pedestal
- Polished cylinder
- Spatula
- Rounded shell fragment
- Miscellaneous
  - Animal representations
  - Anthropomorphic representations
  - Geometric objects

### TOOLS

- Bivalve shell
- Celt
- Container
- Fishhook
- Gauge
- Gouge
- Spoon

### Shell species

- Arcopagia fausta
- Cassis tuberosa
- Chama sarda
- Charonia variegata

- Cittarium pica
- Codakia orbicularis
- Conus sp., Conus regius
- Cyphoma gibbosum
- Cyprae sp., Cyprae zebra
- Cypraecassis testiculus
- Lima scabra
- Lucina pectinata
- Oliva reticularis
- Pteria sp.
- Strombus sp., Strombus gigas
- Tellina radiata
- Unsure, unsure, red/orange

### Incisions

- circular lines
- frog shape
- lines
- lines and dots
- other

### Bead preform

- complete: flattened, rounded and drilled
- drilled
- flattened
- flattened and drilled
- flattened and rounded
- rounded
- rounded and drilled

### Holes

- abraded
- complete, biconical, equal
- complete, biconical, unequal
- complete, conical
- complete, straight
- one side, conical
- one side, straight
- pounded
- sawn

### CELT DESCRIPTION

#### Shape of celt

- oval
- pointed
- rectangular

rectangular flat  
shell shaped / twisted

**Profile of celt**

asymmetrical  
shell shaped  
symmetrical

**Edge of celt**

curvilinear  
rectangular, angular corners  
rectangular, round corners

**Type of finish**

edge and medial part ground  
edge and medial part polished  
edge ground  
edge polished  
none  
partially ground  
partially polished and rest ground  
totally ground  
totally polished

**Completeness**

broken  
broken during production  
complete  
distal part  
edge  
edge / medial part  
medial / distal part  
medial part  
split