

# Planches hors-texte

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Zeitschrift: **Cahiers d'archéologie romande**

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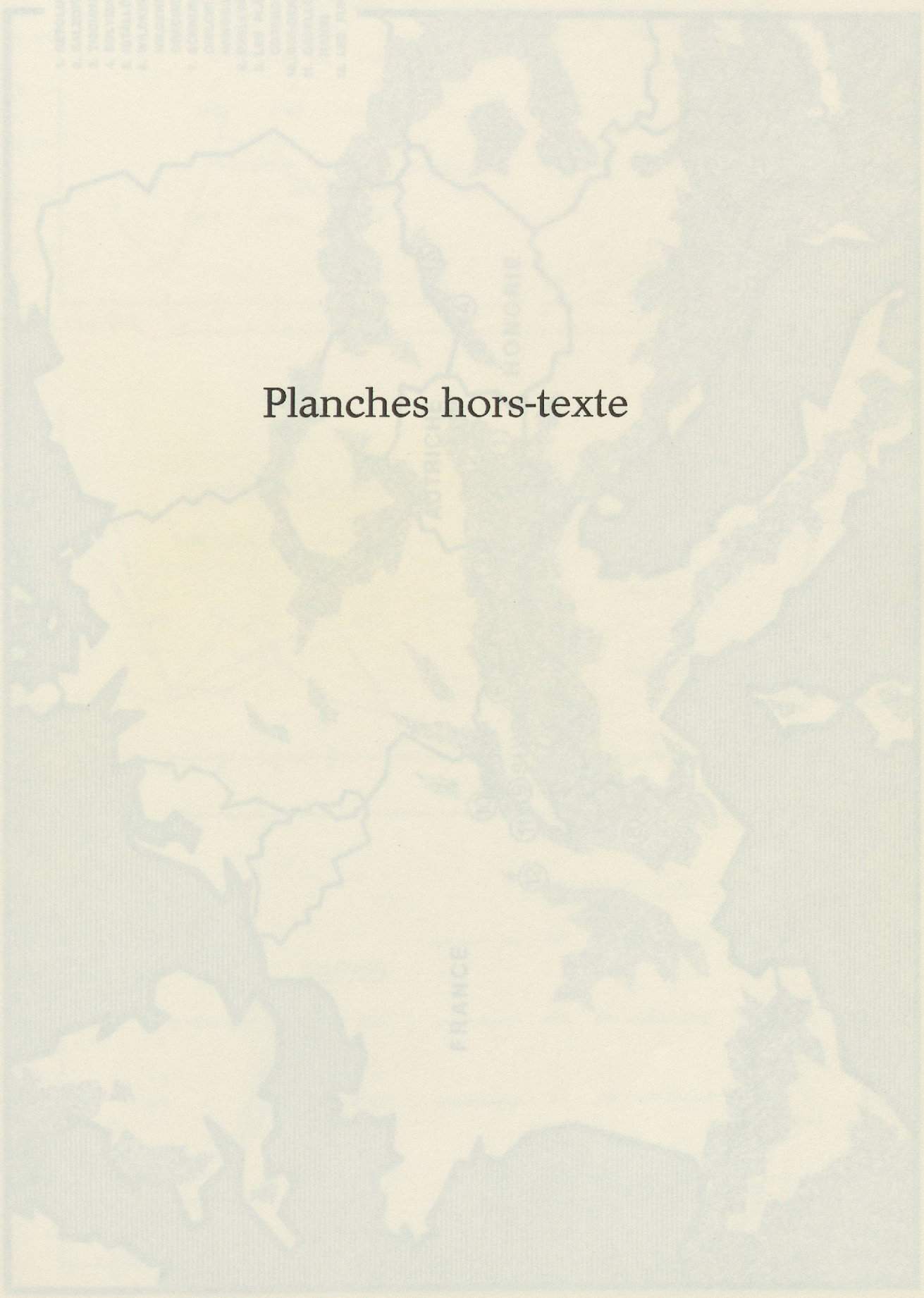
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# Planches hors-texte

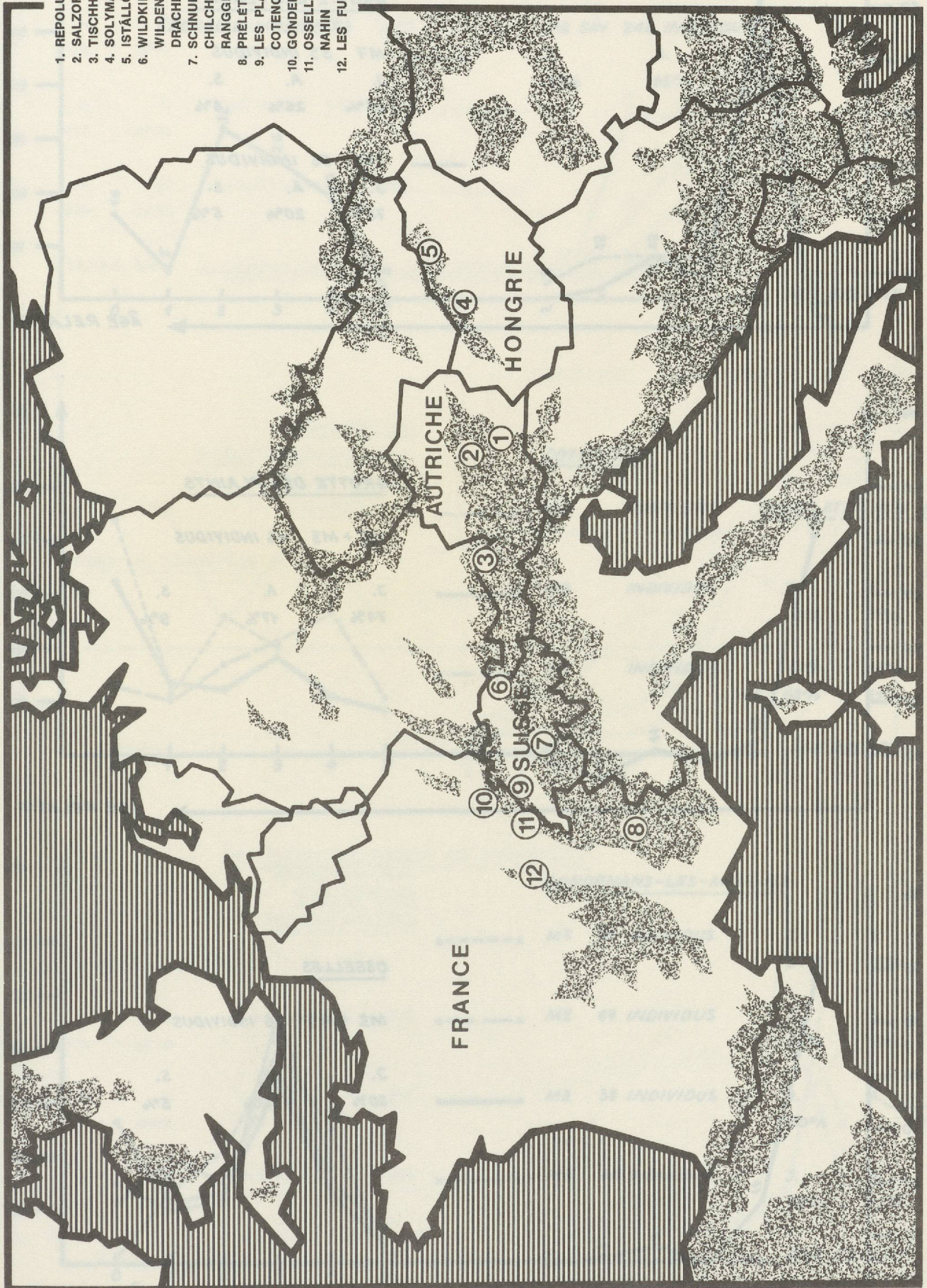
CARTE DES SITES



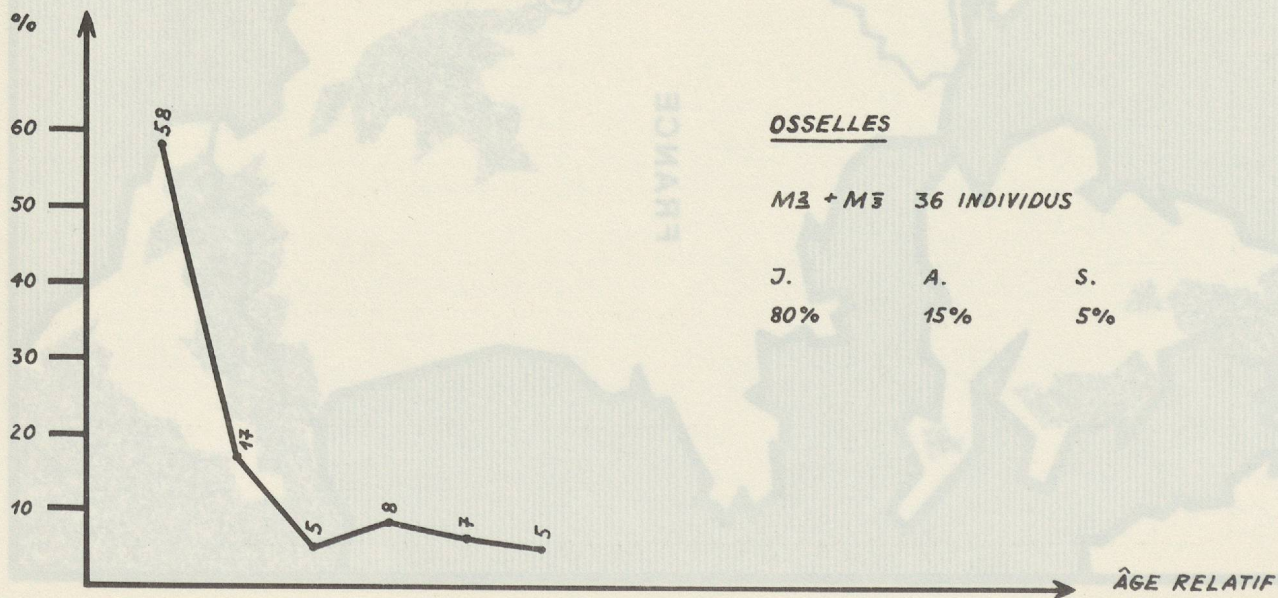
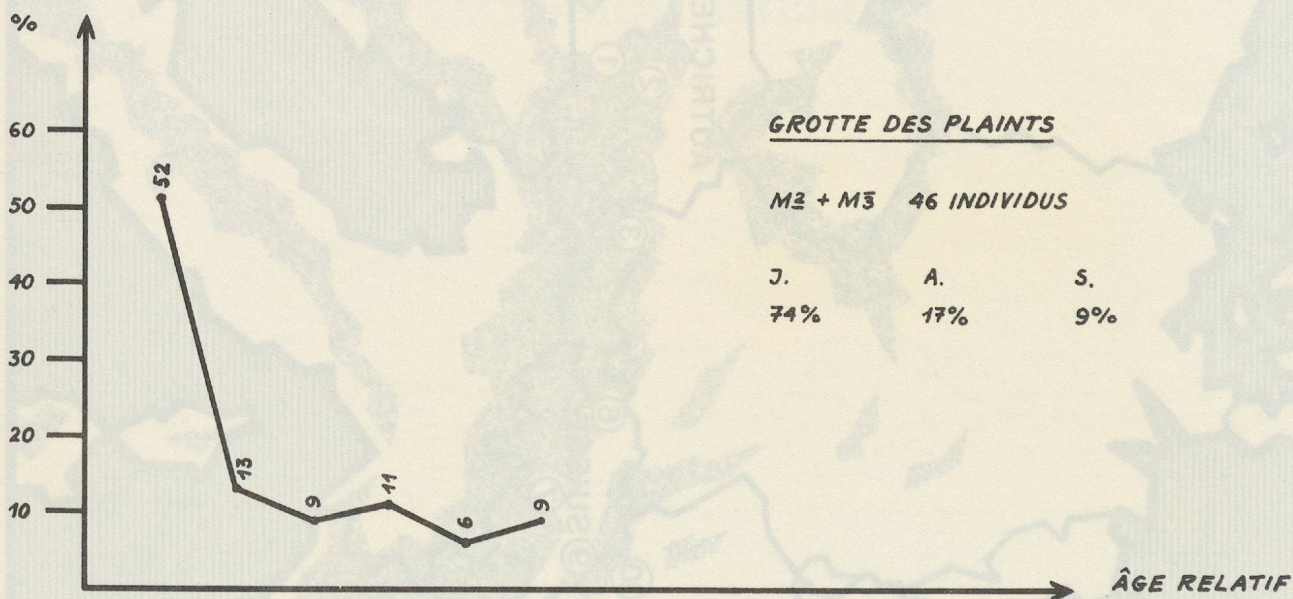
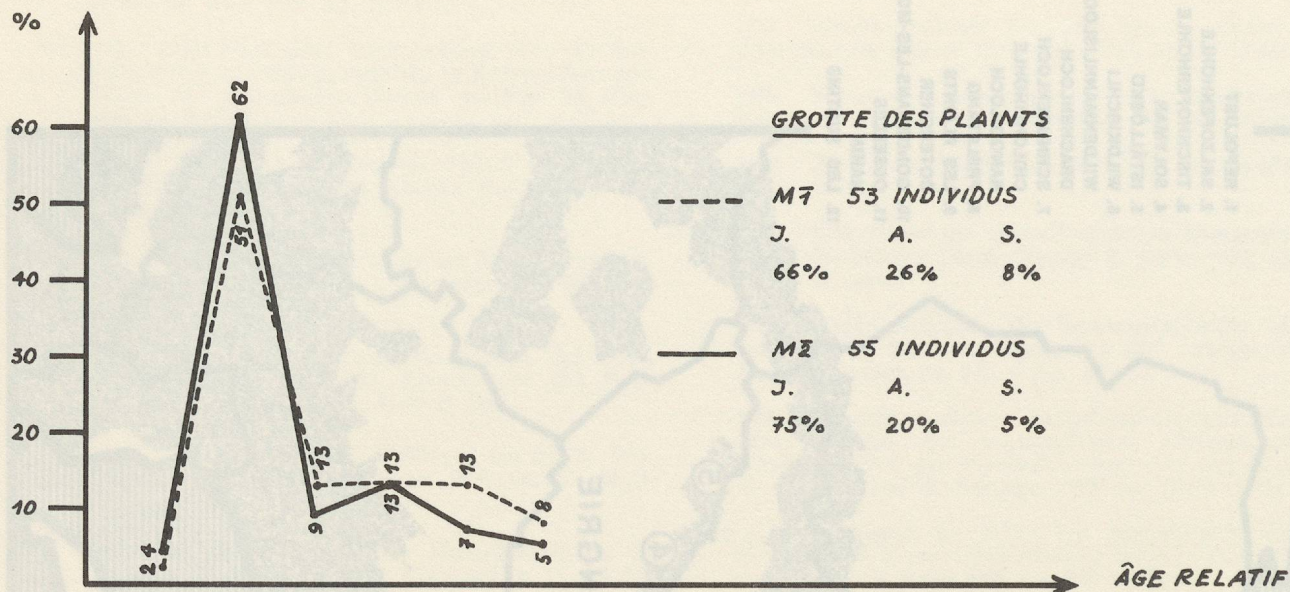


CARTE DES SITES

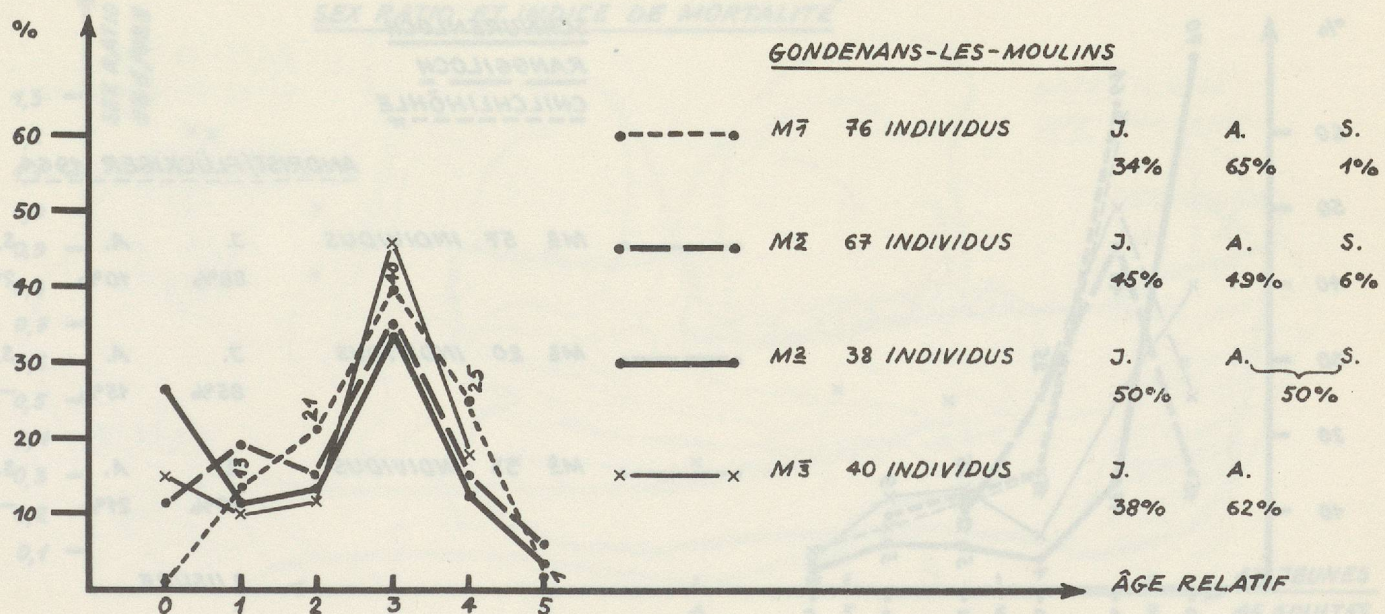
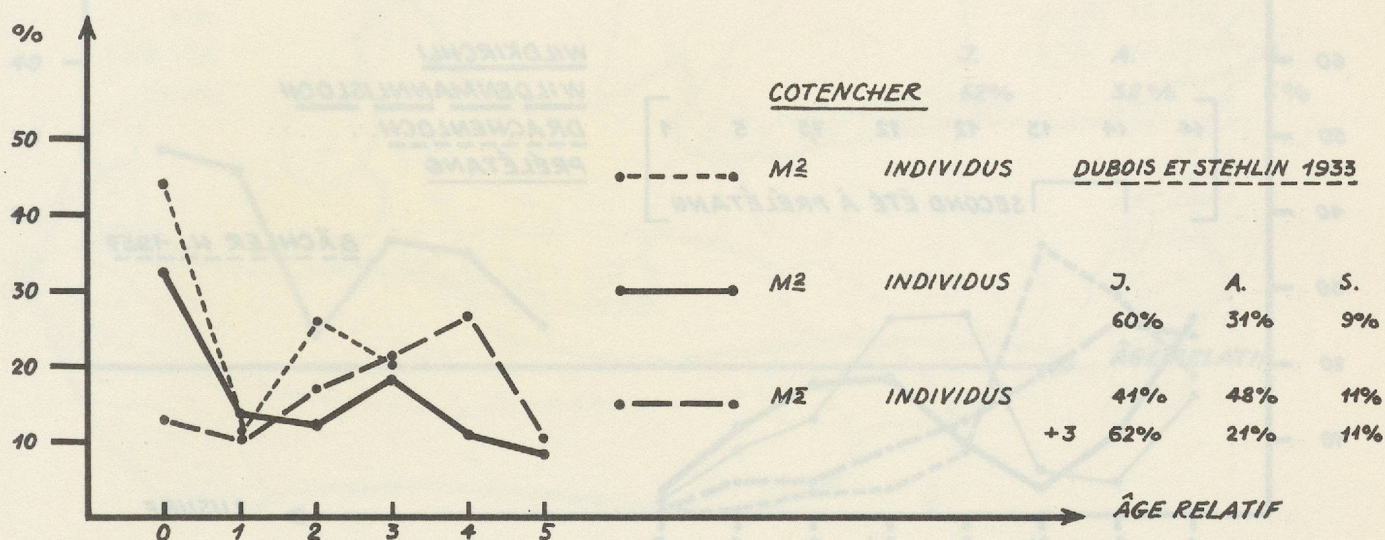
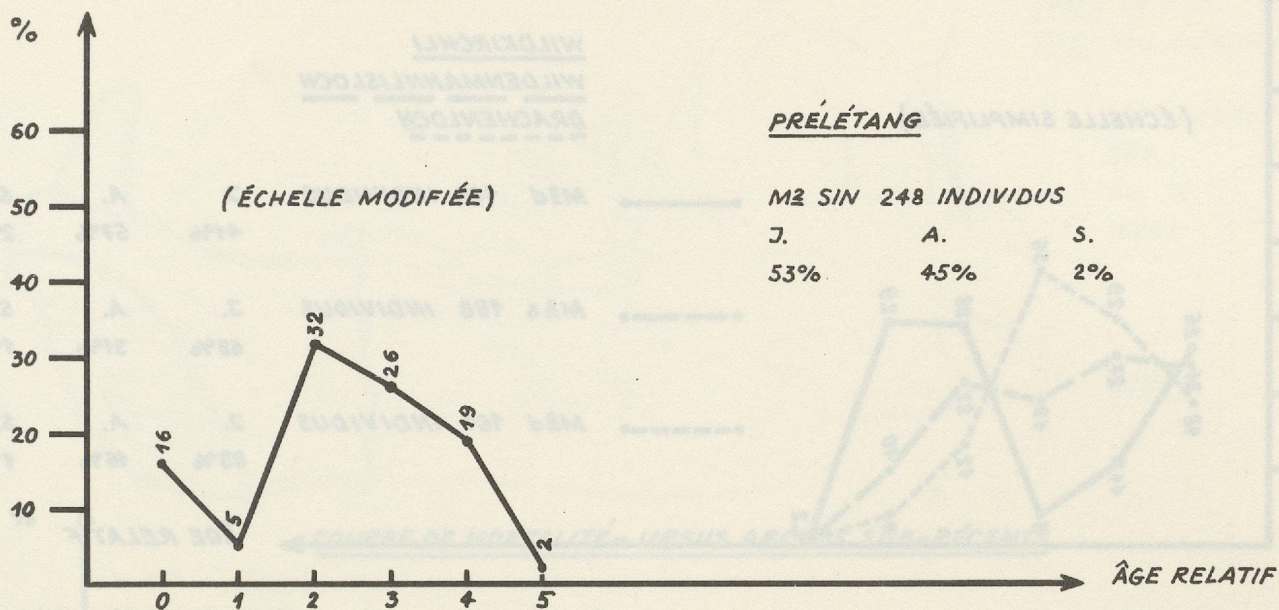
- 1. REPOLUST
- 2. SALZOFENHÖHLE
- 3. TISCHHOFFERHÖHLE
- 4. SOLYMAR
- 5. ISTÁLLÓSKO
- 6. WILDKIRCHLI
- 7. WILDENMANNISLOCH
- 8. DRACHENLOCH
- 9. SCHNURENLOCH
- 10. RANGGILOCH
- 11. PRÉLÉTANG
- 12. LES PLAINTS
- 13. COTENCHER
- 14. GONDENANS-LES-MOULINS
- 15. OSSELLES
- 16. NAHIN
- 17. LES FURTINS



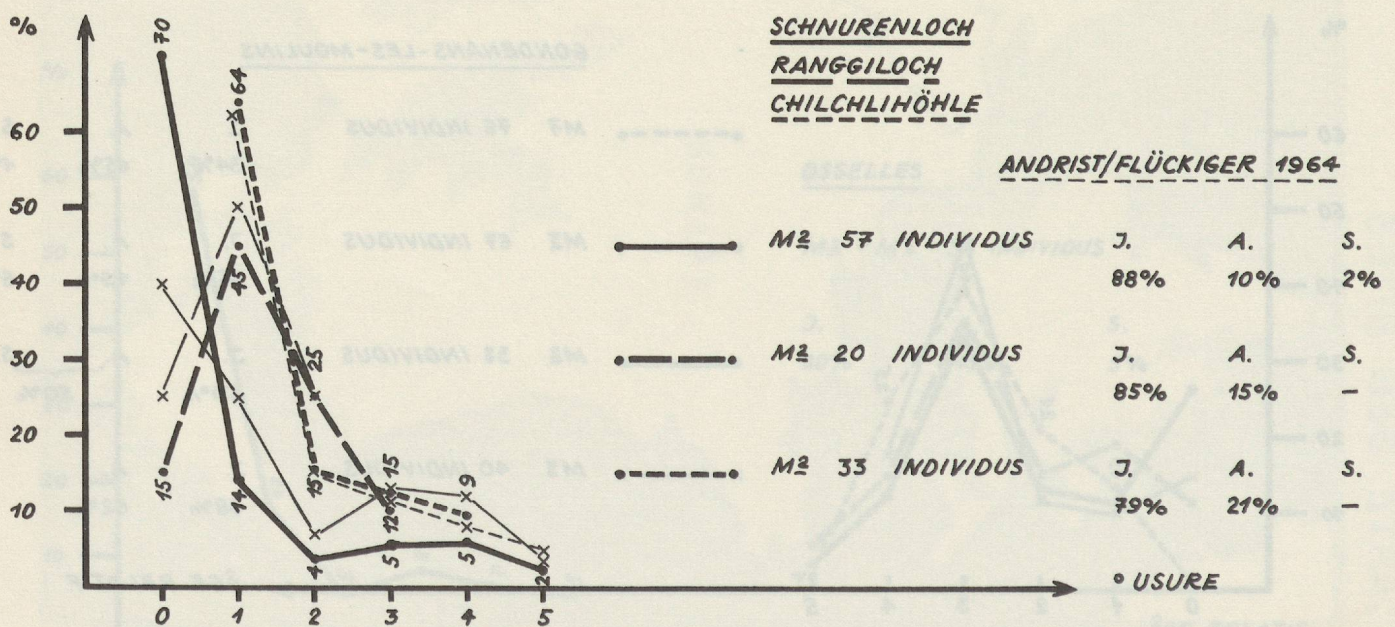
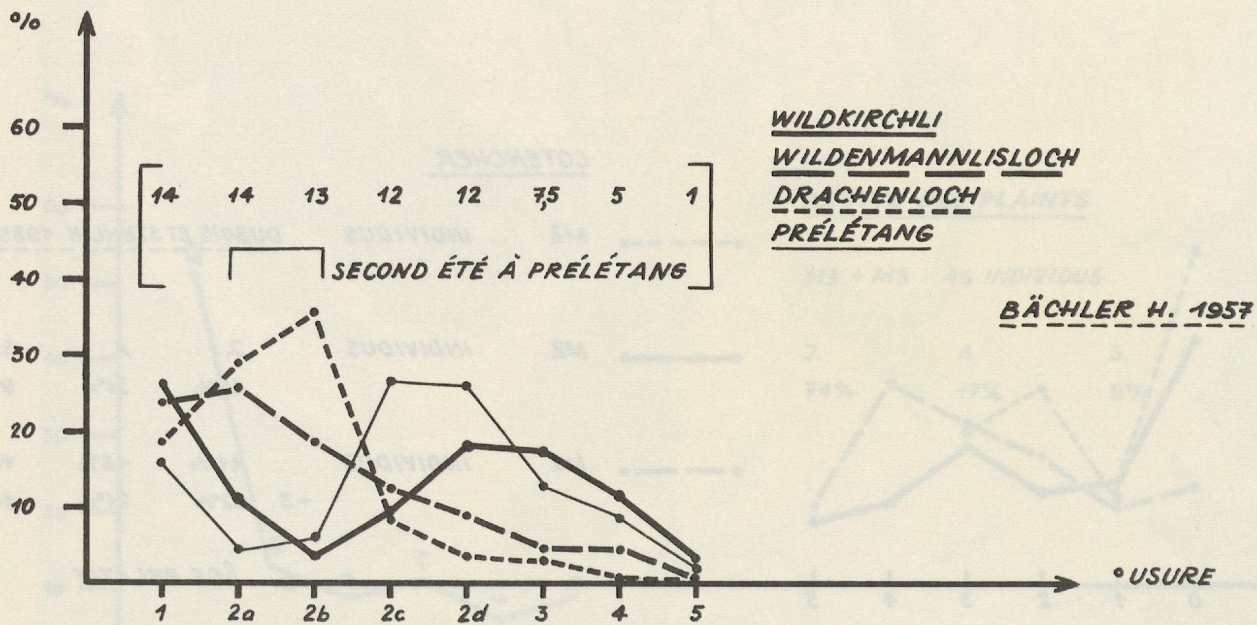
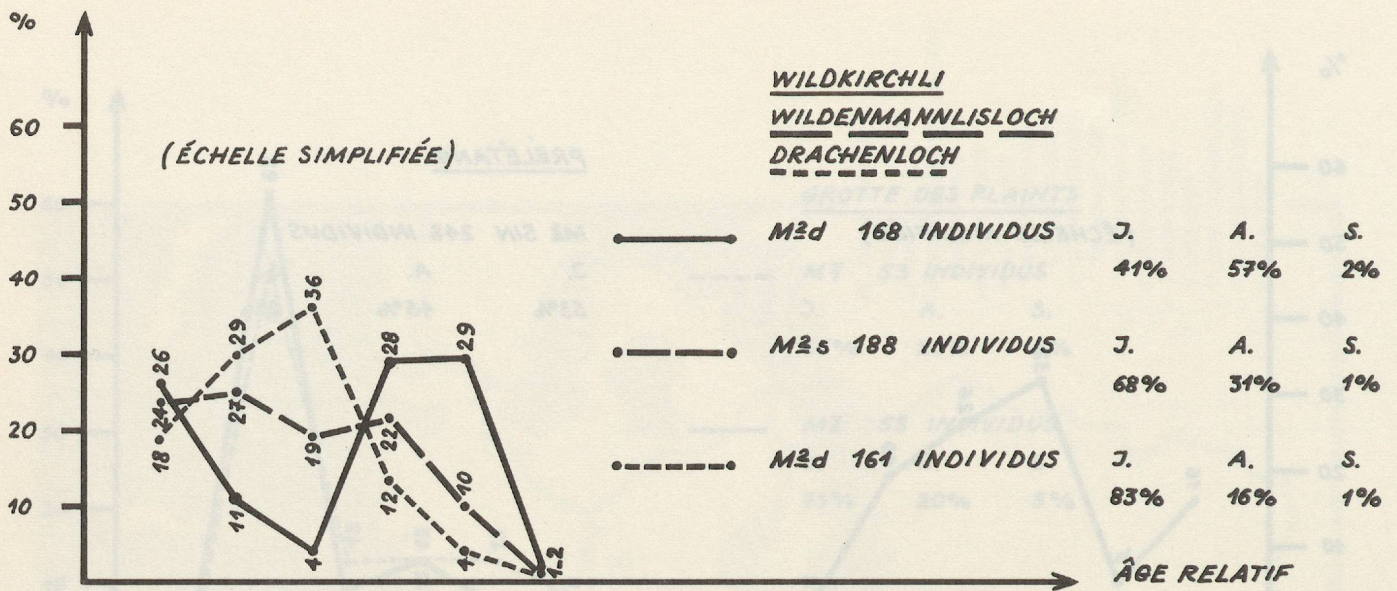
# COURBES DE MORTALITE - URSUS SPELAEUS



COURBES DE MORTALITE - URSUS SPELAEUS



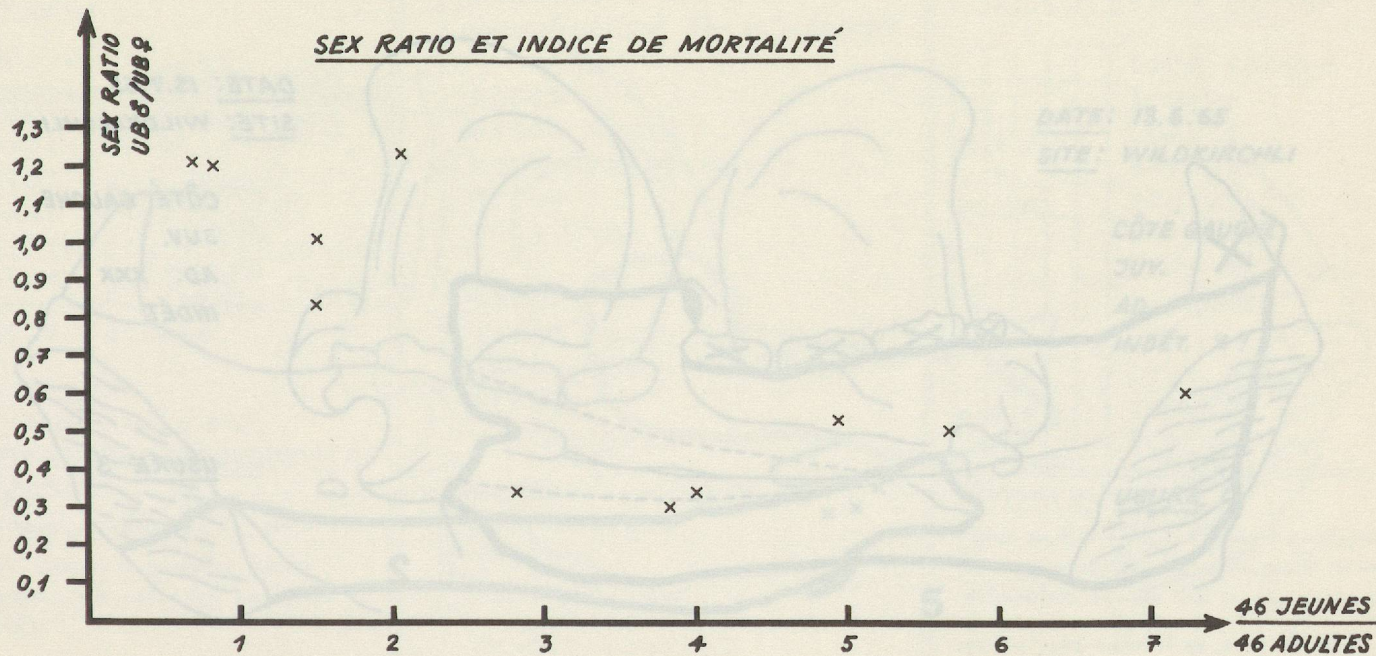
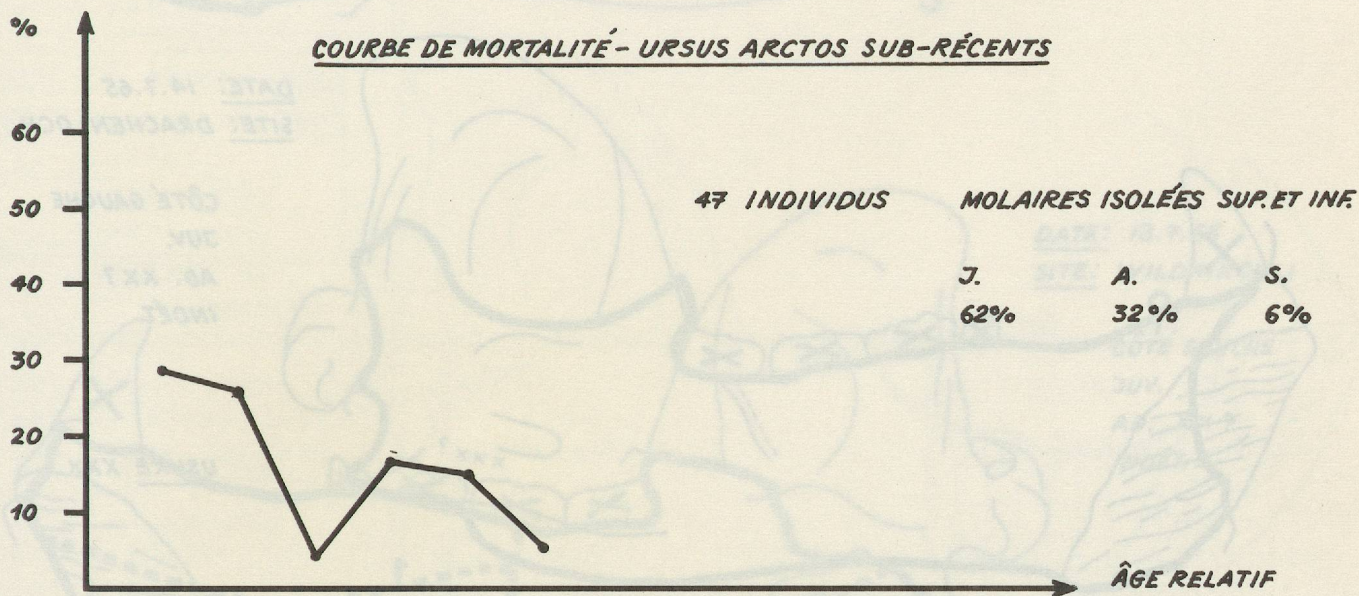
COURBES DE MORTALITE - URSUS SPELAEUS



DATE: 18.7.65  
SITE: WILDFIRCHLI

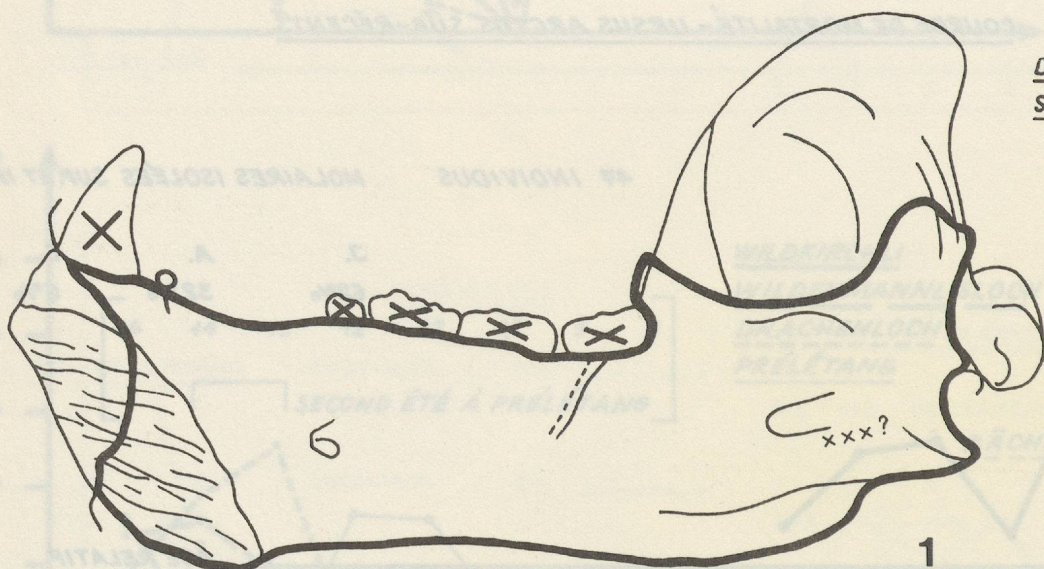
CÔTÉ GAUCHE  
JUV.  
AD. 2  
IMBET.

USURE





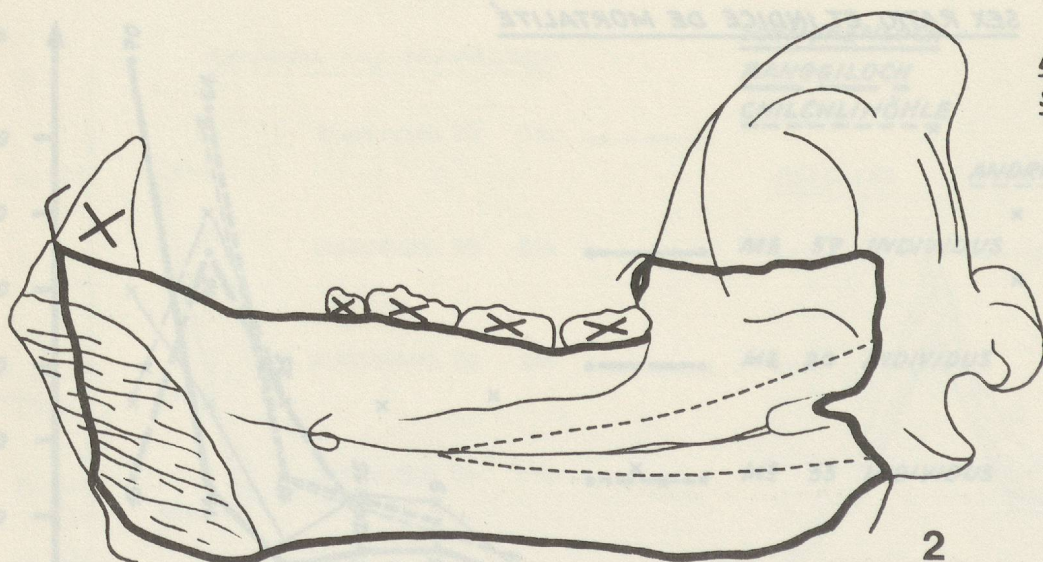
COURBES DE MORTALITE - URSUS SPELAEUS



DATE: 14.7.65  
SITE: DRACHENLOCH

CÔTÉ GAUCHE  
 JUV.  
 AD. XX?  
 INDÉT.

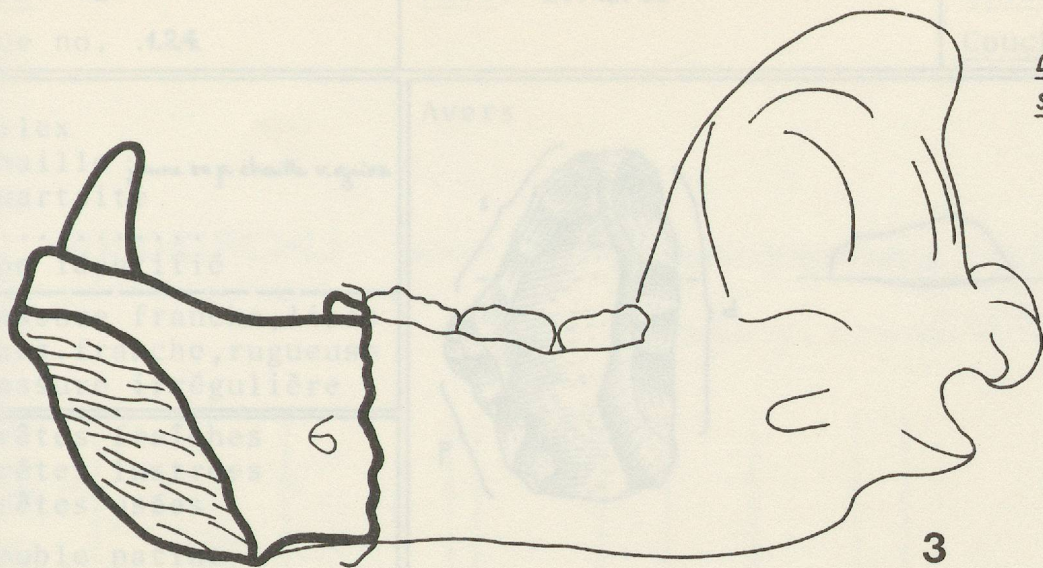
USURE XXX



DATE: 13.7.65  
SITE: WILDKIRCHLI

CÔTÉ GAUCHE  
 JUV.  
 AD. XXX  
 INDÉT.

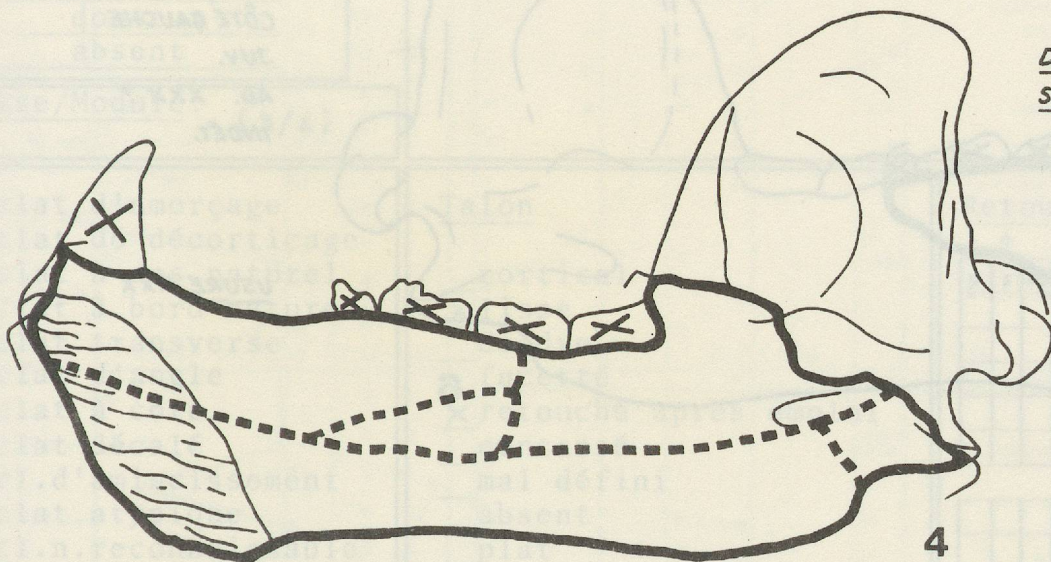
USURE 3



DATE: 13.7.65  
SITE: WILDKIRCHLI

CÔTÉ GAUCHE  
 JUV.  
 AD. X  
 INDÉT.

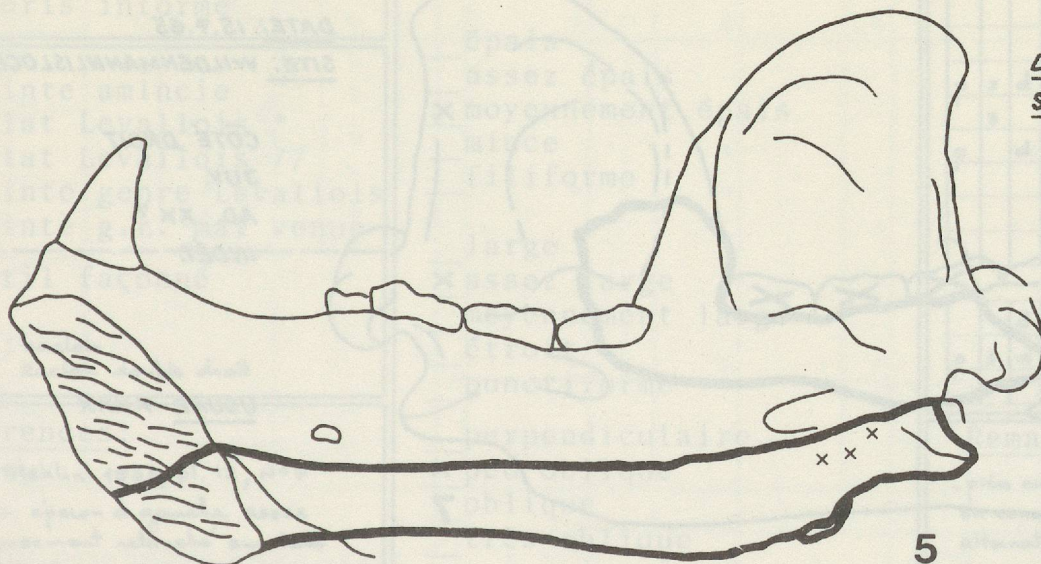
USURE



DATE: 13.7.65  
SITE: WILDKIRCHLI

CÔTÉ GAUCHE  
 JUV.  
 AD. XX ?  
 INDÉT.

USURE 2



DATE: 13.6.65  
SITE: WILDKIRCHLI

CÔTÉ GAUCHE  
 JUV.  
 AD.  
 INDÉT. X ?

USURE 0

DATE: 15.7.65  
SITE: WILDKIRCHLI

CÔTÉ GAUCHE  
JUV.  
AD. X  
INDÉT.

USURE

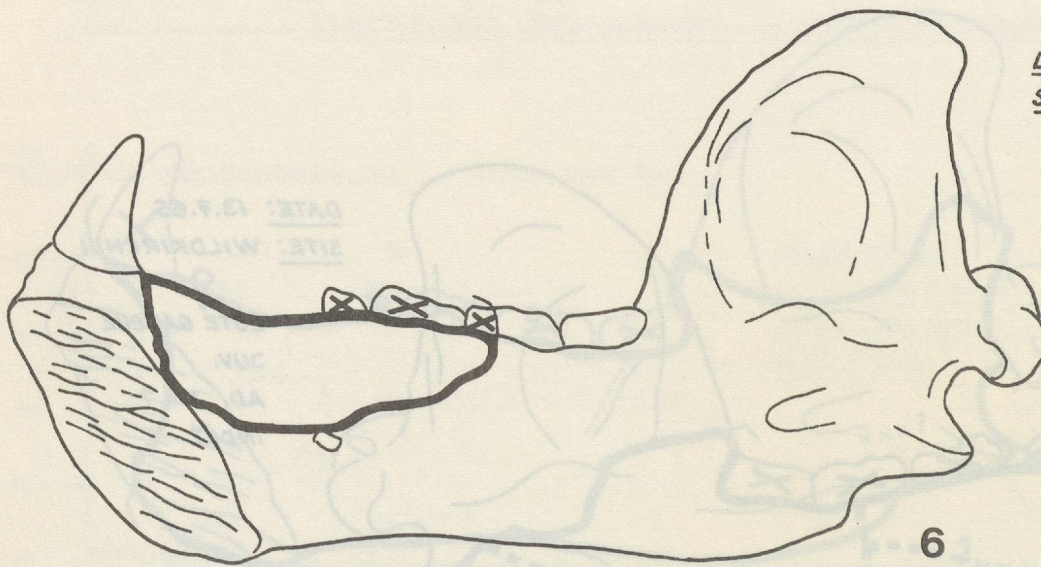


3

DATE: 15.7.65  
SITE: WILDENMANNLISLOCH

CÔTÉ GAUCHE  
JUV.  
AD. XXX ?  
INDÉT.

USURE XXX



6

DATE: 15.7.65  
SITE: WILDKIRCHLI

JUV.  
AD.

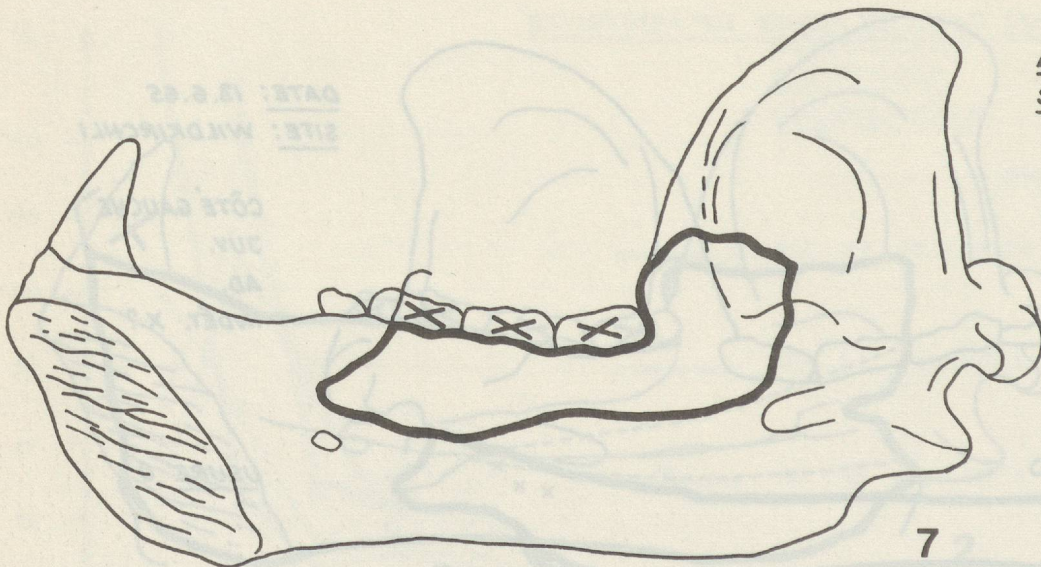
USURE 2

4

DATE: 15.7.65  
SITE: WILDENMANNLISLOCH

CÔTÉ DROIT  
JUV.  
AD. XX ?  
INDÉT.

USURE XXXX



7

DATE: 15.7.65  
SITE: WILDKIRCHLI

CÔTÉ GAUCHE  
JUV.  
AD.

USURE 2

8

Musée: NE

Date: 20.12.63

Site: Cotencher Gt.4-315m

Pièce no. 124

Couche: à galeto

Silex  
 Chaille jaune en p. chaille v. grise  
 Quartzite

Non identifié

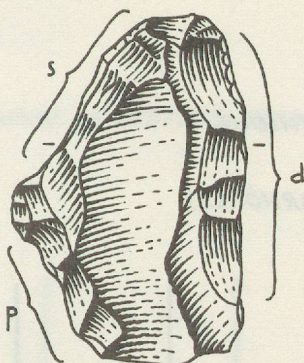
Cassure franche, lisse  
 Cass. franche, rugueuse  
 Cassure irrégulière

Arêtes fraîches  
 Arêtes lustrées  
 Arêtes usées  
 Double patine

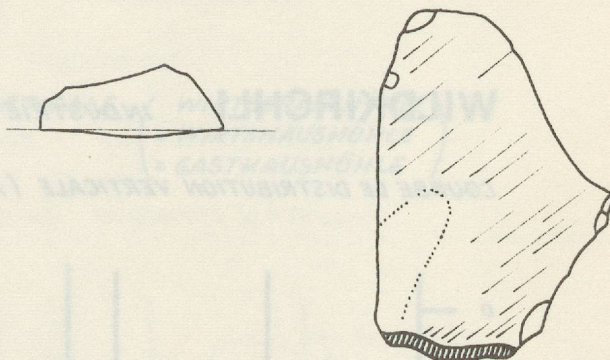
Concassé	Retouché
(o) <input checked="" type="checkbox"/> certain	<input checked="" type="checkbox"/>
<input type="checkbox"/> probable	<input type="checkbox"/>
<input type="checkbox"/> douteux	<input type="checkbox"/>
<input type="checkbox"/> absent	<input type="checkbox"/>

Classe/Module: (3/L)

Avers



Revers



Eclat d'amorçage  
 Eclat de décorticage  
 Eclat à dos naturel  
 Eclat à bord naturel  
 Eclat transverse  
 Eclat d'angle  
 Eclat à côte  
 Eclat décalé  
 Ecl. d'amincissement  
 Eclat atypique  
 Ecl. n. reconnaissable  
 Bord de nucléus  
 Portion de nucléus  
 Nucléus  
 Débris informe

Pointe amincie  
 Eclat Levallois \*  
 Eclat Levallois //  
 Pointe genre Levallois  
 Pointe g.L. mal venue  
 Outil façonné

Type: racloir  
 Racloir double droit

Références:

Dubois Stehlin 1933, pl. 12, N°7  
 "Racloir, éperon à gauche assez soigneusement retouché sur tous les bords"

Talon

cortical  
 lisse  
 dièdre  
 facetté  
 retouché après emploi  
 concassé  
 mal défini  
 absent  
 plat  
 convexe  
 concave  
 sinueux  
 en chapeau de gendarme

épais  
 assez épais  
 moyennement épais  
 mince  
 filiforme  
 large  
 assez large  
 moyennement large  
 étroit  
 punctiforme

perpendiculaire  
 peu oblique  
 oblique  
 très oblique  
 impact central  
 impact latéral

Retouche

?			directe
p	s	d	inverse
			alterne
			alternante
			croisée
			bifaciale

			très grande
			grande
		d	moyenne
p		d	petite
	s		très petite

			très longue
			longue
p	s	d	courte
	s		abrupte
p		d	redressée
			oblique
			très oblique
			écrasée

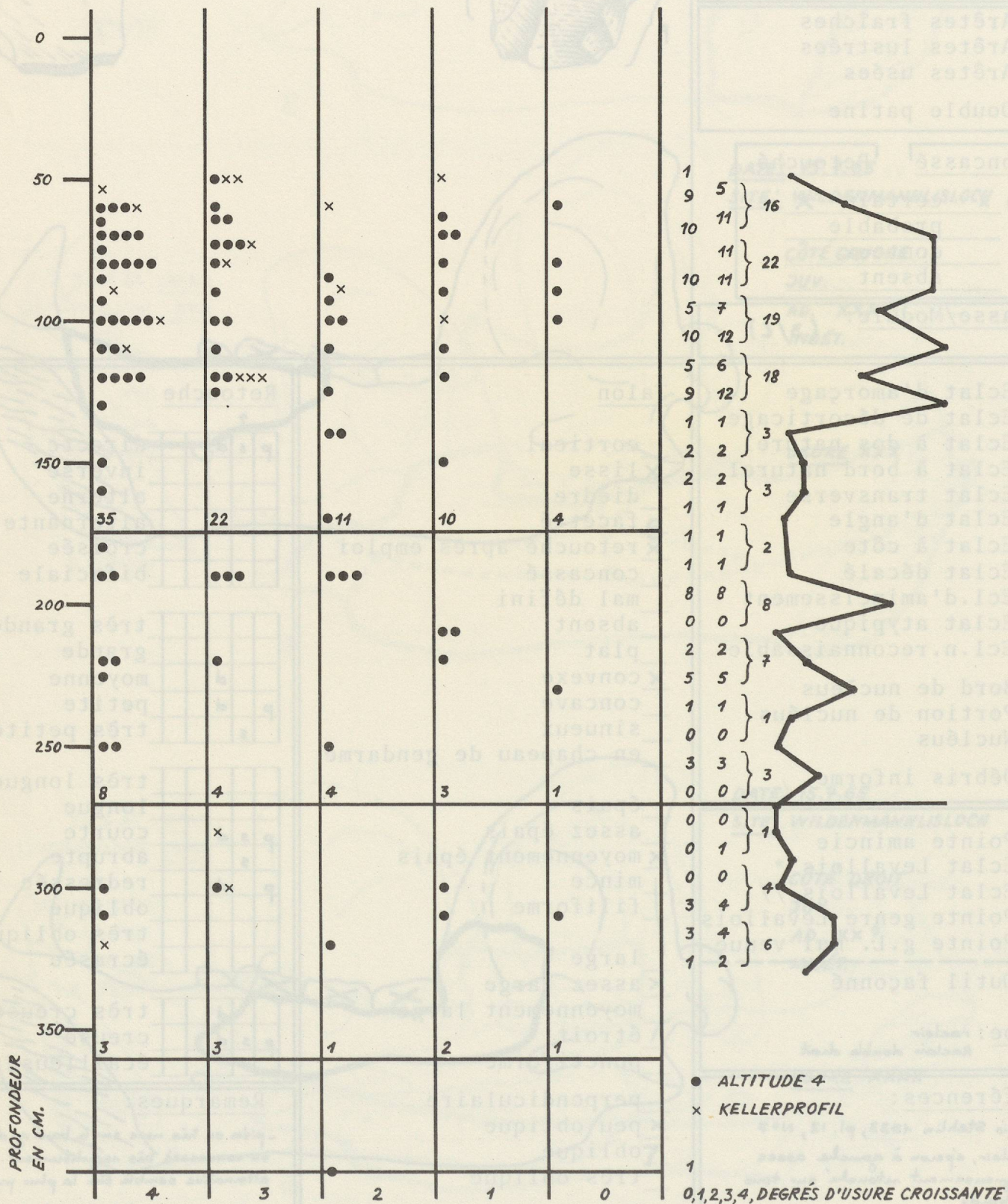
		d	très creuse
p	s	d	creuse
			écaillée

Remarques:

- pièce ou très usée sur le bord g. distal ou concassée très régulièrement. La 1ère alternative semble être la plus probable  
 - partie prox. constituée partiellement par chaille v. grise: donc passage chaille jaune à grise sans transition!

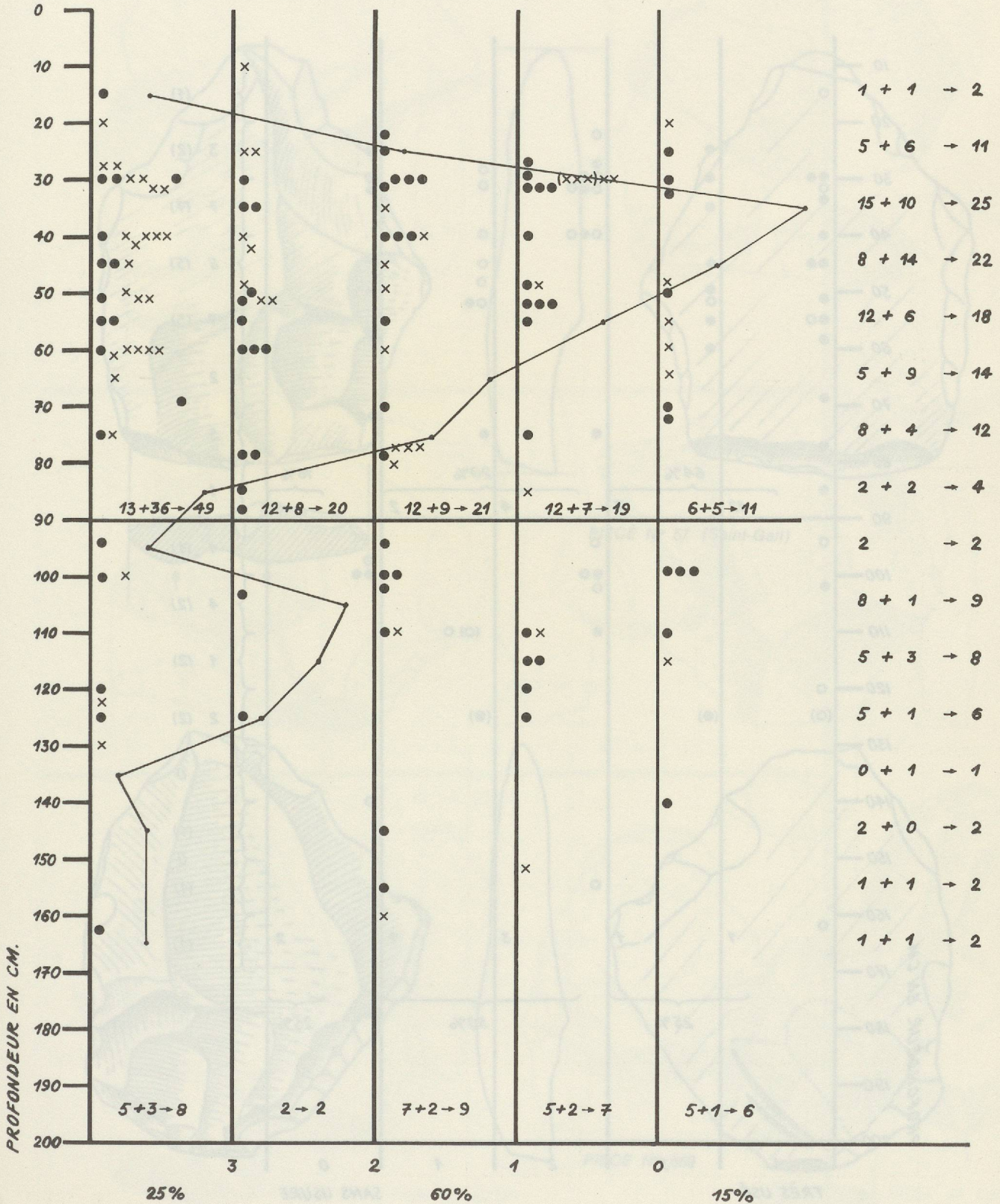
# WILDKIRCHLI INDUSTRIE LITHIQUE

## COURBE DE DISTRIBUTION VERTICALE (ALTARHÖHLE)



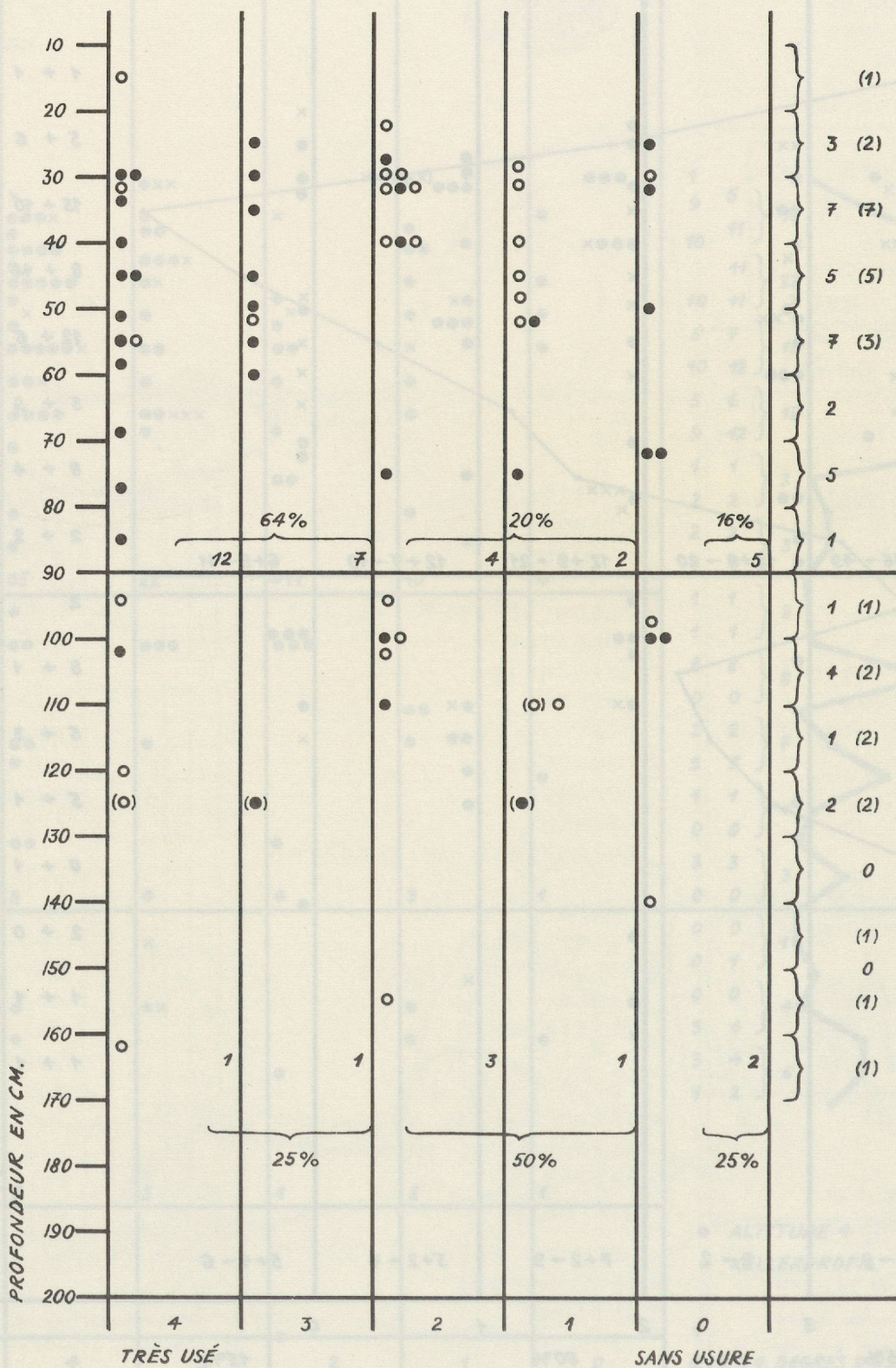
**WILDKIRCHLI**  
INDUSTRIE LITHIQUE

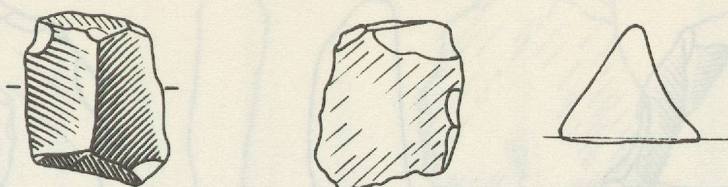
COURBE DE DISTRIBUTION VERTICALE ( WIRTSCHAFTHÖHLE )  
( = WIRTSHAUSHÖHLE )  
( = GASTHAUSHÖHLE )



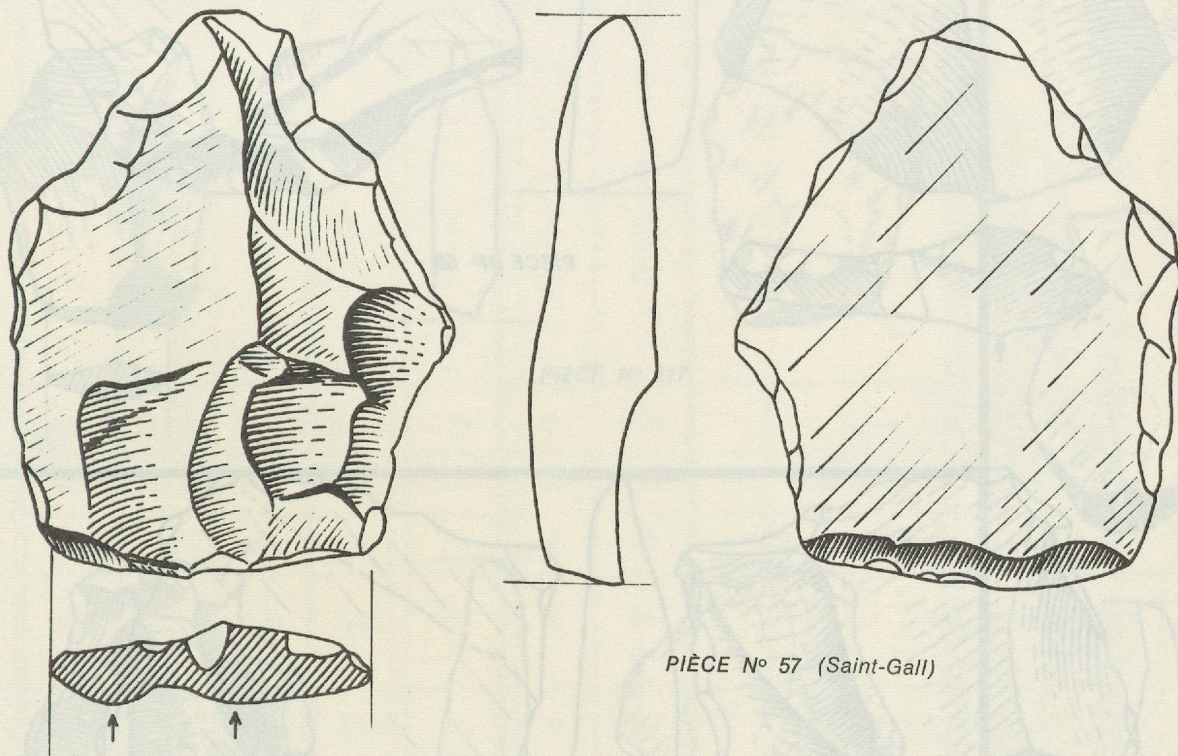
**WILDKIRCHLI** ÉTAT D'USURE ET DE CONCASSAGE

INDUSTRIE LITHIQUE (ALTARHÖHLE)

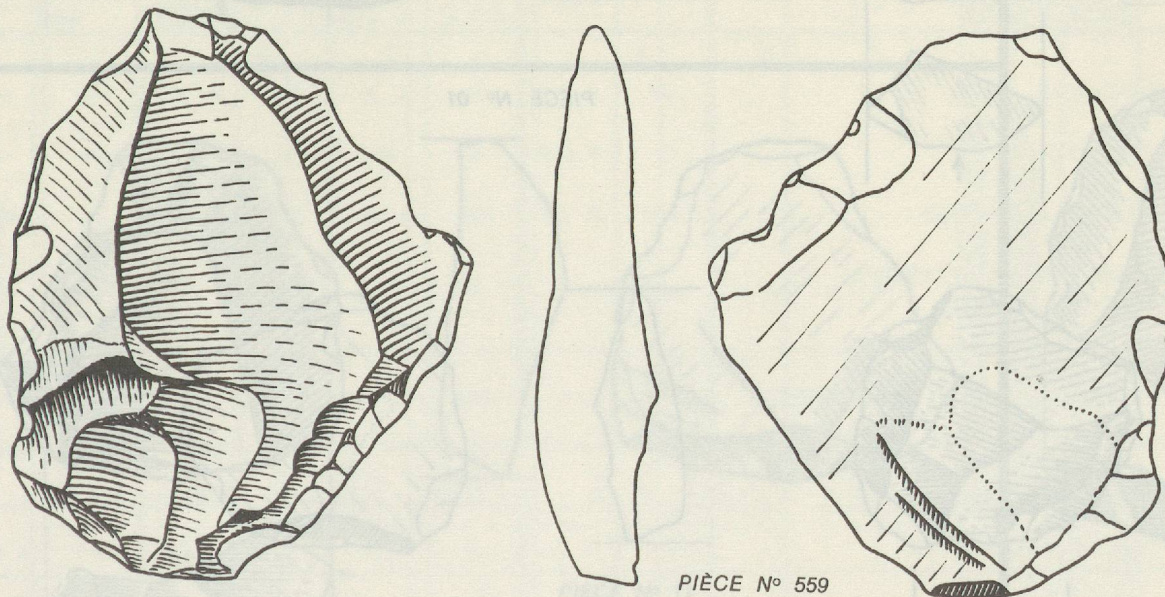




PIÈCE N° 825

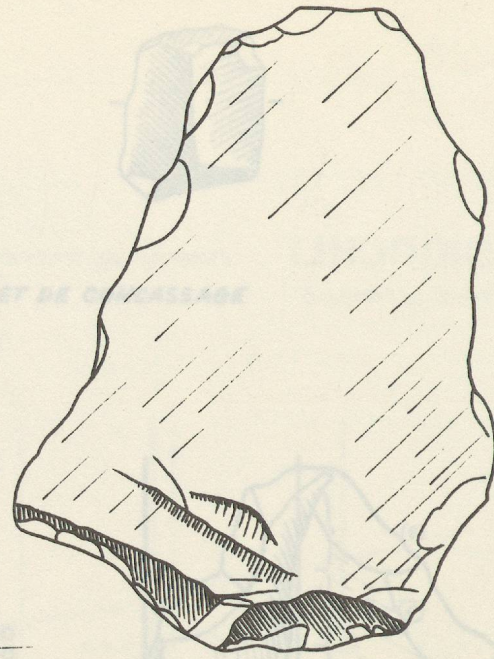
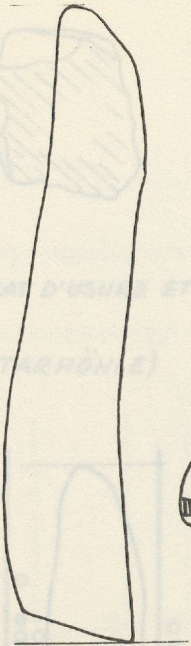
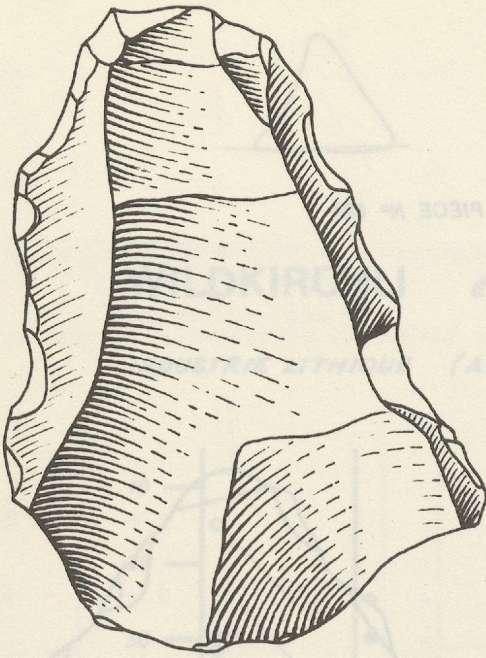


PIÈCE N° 57 (Saint-Gall)

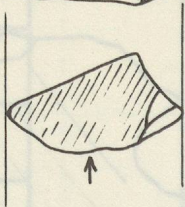
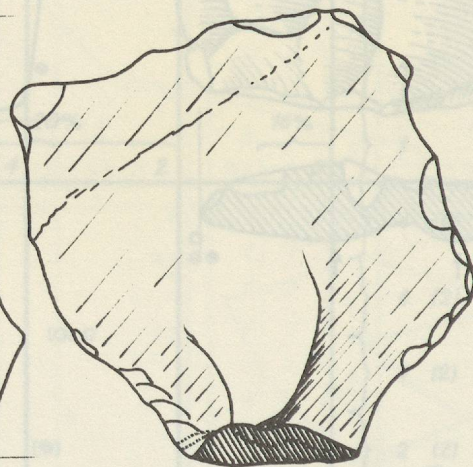
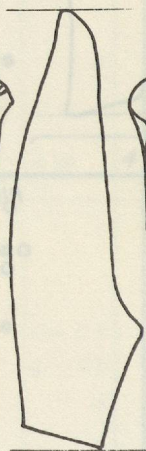
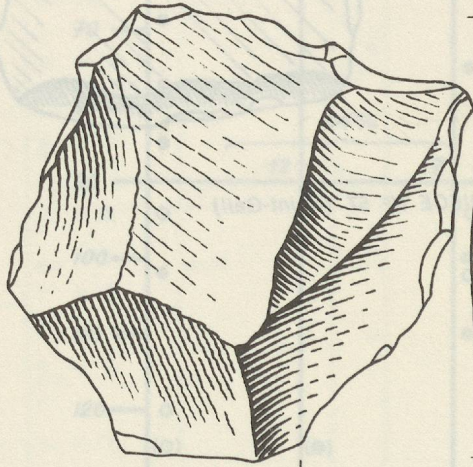


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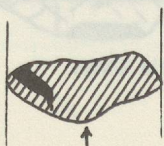
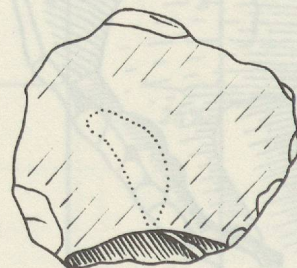
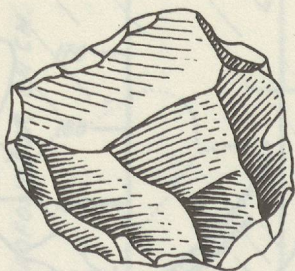




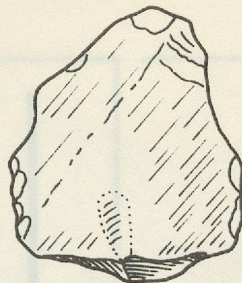
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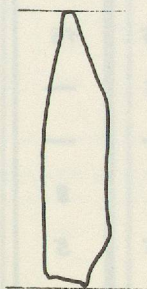
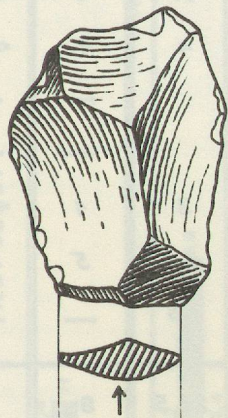
PIÈCE N° 01



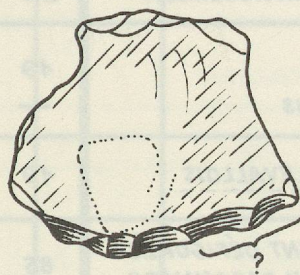
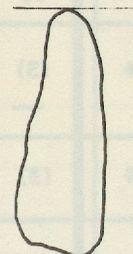
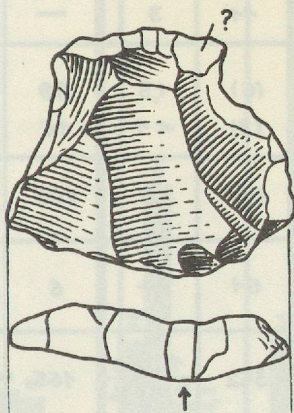
PIÈCE N° 490 ?



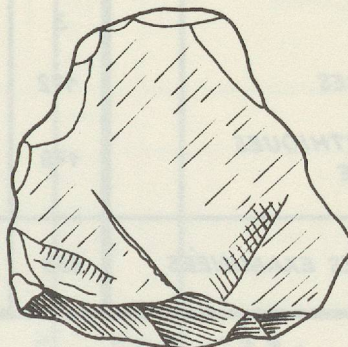
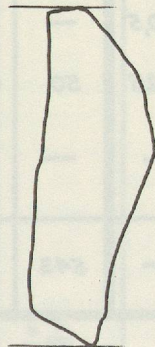
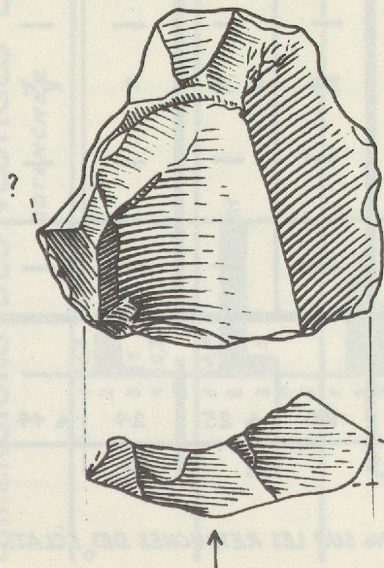
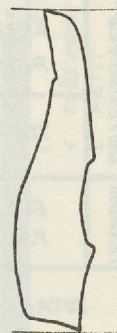
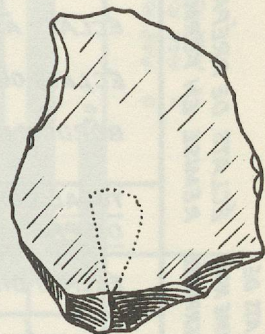
PIÈCE N° 712



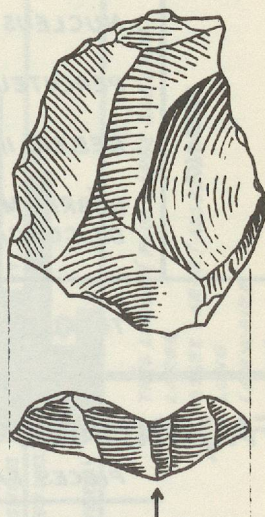
PIÈCE N° 617



PIÈCE N° 667



PIÈCE N° 11



PIÈCE N° 550 ?

DEBITAGE

		WILDKIRCHLI		REPOLUST		COTENCHER		PRÉLÉTANG	
		Nb	%	Nb	%	Nb	%	Nb	%
ÉCLATS DE PRÉPARATION OU DE REMISE EN FORME DU NUCLEUS	ÉCLATS D'AMORÇAGE	—	—	3	0,5	3	1	—	—
	ÉCLATS DE DÉCORTICAGE	26	5,5	91	19	41	11	1	< 1
	ÉCLATS À DOS NATUREL	2	0,5	16	3,5	15	4	1	< 1
	ÉCLATS TRANSVERSES	2	0,5	—	—	—	—	—	—
	ÉCLATS D'ANGLE	—	—	—	—	—	—	—	—
	ÉCLATS À CÔTE	12	2	8	1,5	10	3	1	< 1
	ÉCLATS OU POINTES DÉCALÉS	17	3,5	5	1	1	< 1	5	3
	BORDS DE NUCLEUS	5	1	10	2	6	1,5	—	—
<u>TOTAL DES ÉCLATS DE PRÉPARATION, ETC.</u>		64	13	133	27,5	76	21,5	8	5
ÉCLATS DE FORME NON DÉTERMINÉE	ÉCLATS DIVERS DE DÉBITAGE	315	65	341	71,0	216	60	46	27
	DONT ÉCLATS D'AMINCISSEMENT	54	11	35	7	11	3	—	—
ÉCLATS DE FORME PRÉ-DÉTERMINÉE	ÉCLATS LEVALLOIS	19	4	(3)	(0,5)	(6)	1,5	89	54
	POINTES LEVALLOIS	—	—	—	—	(3)	< 1	16	10
<u>TOTAL DES PIÈCES LEVALLOIS</u>		19	4	(3)	(0,5)	(9)	(2)	105	64
INDÉTERMINÉ	ÉCLATS ENTIÈREMENT DÉFIGURÉS PAR CONCASSAGE OU FAÇONNAGE	85	18	5	1	61	1+	6	4
<u>TOTAL DES ÉCLATS RECONNAISSABLES</u>		483	$\frac{100\%}{\bullet 72\%}$	482	$\frac{100\%}{\bullet 89\%}$	362	$\frac{100\%}{\bullet 86\%}$	165	$\frac{100\%}{99\%}$
DIVERS	NUCLEUS	17	• 2,5	11	• 2	25	• 6	—	—
	PERCUTEURS	3	• 0,5	—	—	—	—	—	—
	DÉBRIS INFORMES	172	• 25	50	• 9	34	• 8	1	< 1
	DÉBRIS MICROLITHIQUES DE CONCASSAGE	178	—	—	—	—	—	—	—
<u>TOTAL DES PIÈCES EXAMINÉES</u>		853	—	543	—	421	—	166	—

FAÇONNAGE

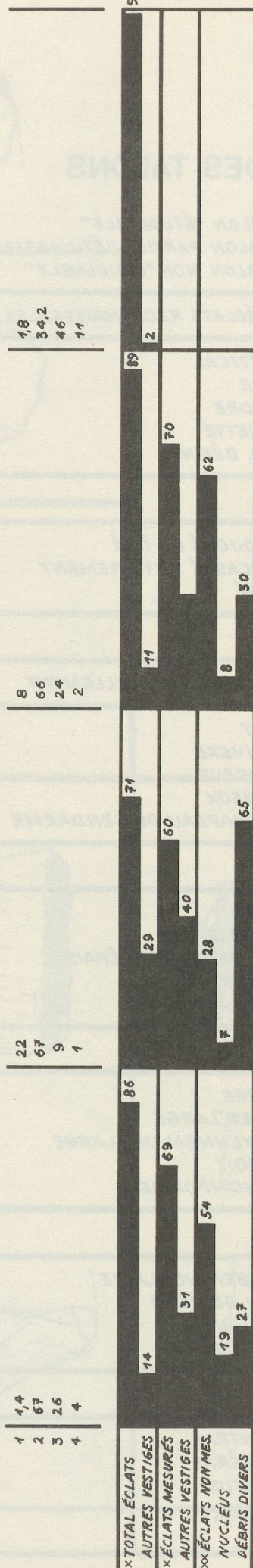
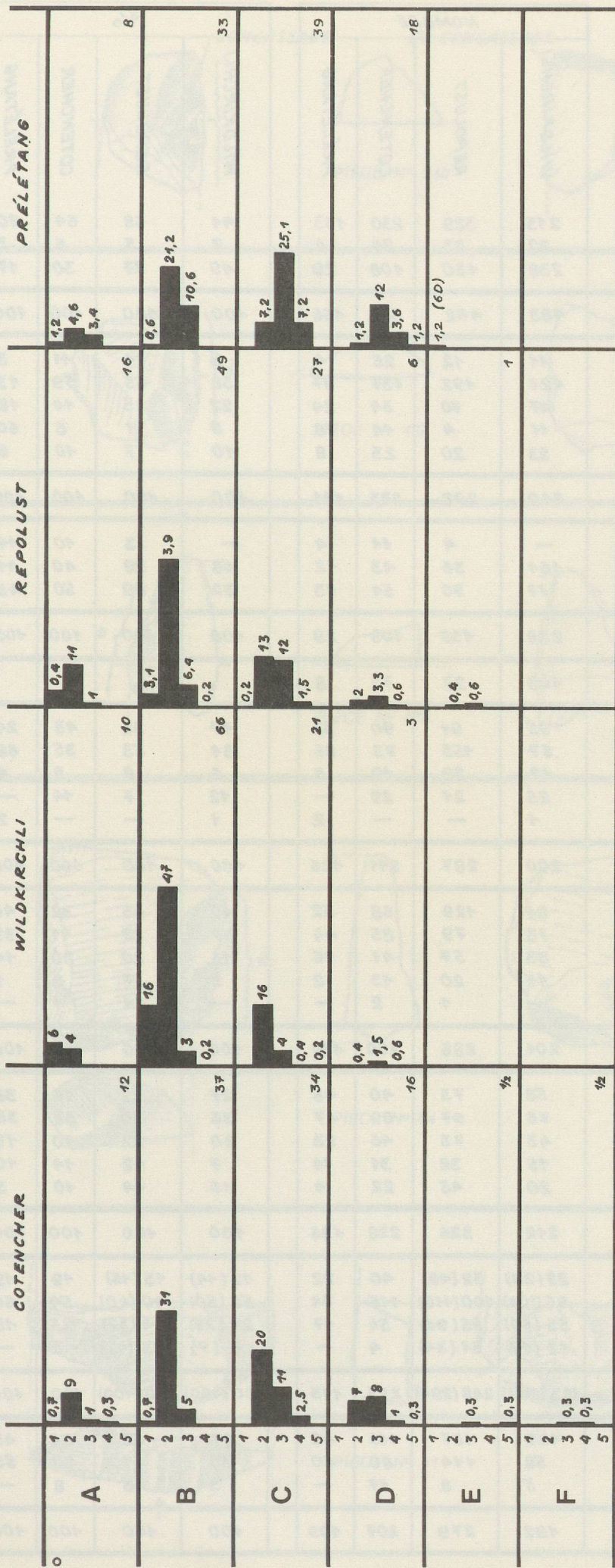
PIÈCES FAÇONNÉES		12	× 2	9	▲ 2	90	▲ 25	24	▲ 14
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• % SUR 853-178 = 675

× % SUR NOMBRE ÉCLATS

▲ % SUR LES RETOUCHES DES ÉCLATS

DIMENSIONS DES VESTIGES LITHIQUES



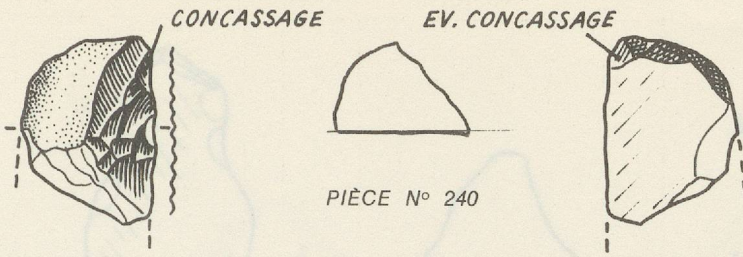
**A** TRÈS LARGE ( PLUS LARGE QUE LONG )  
**B** LARGE  
**C** ASSEZ LARGE ( ASSEZ LONG )  
**D** LONG  
**E** LAMINAIRE  
**F** LAME

**1** TRÈS PETIT  
**2** PETIT  
**3** ASSEZ PETIT  
**4** MOYEN  
**5** ASSEZ GRAND

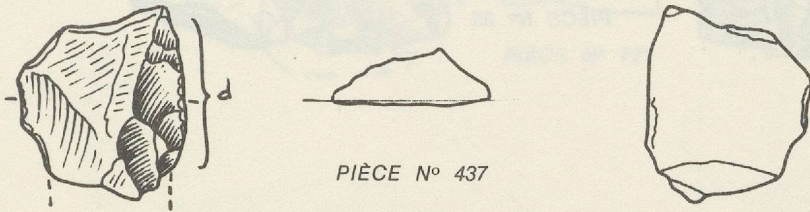
**0** PAR RAPPORT AU TOTAL DES ÉCLATS MESURABLES  
**x** PAR RAPPORT AU TOTAL DES VESTIGES  
**xx** PAR RAPPORT AU TOTAL DES VESTIGES NON MESURABLES

ETUDE DES TALONS

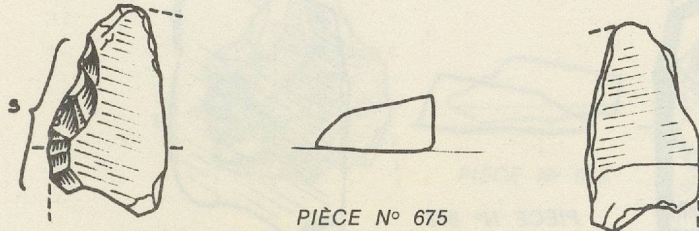
	NOMBRE				%			
	WILDKIRCHLI	REPOLUST	COTENCHER	PRÉLÉTANG	WILDKIRCHLI	REPOLUST	COTENCHER	PRÉLÉTANG
ÉCLATS À TALON "ÉTUDIABLE"	213	329	230	133	44	68	64	80
ÉCLATS À TALON PARTIEL "ÉTUDIABLE"	32	23	24	4	7	5	6	3
ÉCLATS À TALON NON "ÉTUDIABLE"	238	130	108	29	49	27	30	17
<b>TOTAL DES ÉCLATS RECONNAISSABLES</b>	<b>483</b>	<b>482</b>	<b>362</b>	<b>166</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
TALON CORTICAL	11	12	25	4	5	4	11	3
TALON LISSE	127	192	137	17	58	65	59	13
TALON DIÈDRE	47	70	34	24	22	23	14	18
TALON FACETTÉ	11	4	14	78	5	1	6	60
TALON MAL DÉFINI	23	20	23	8	10	7	10	6
<b>TOTAL</b>	<b>219</b>	<b>298</b>	<b>233</b>	<b>131</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
TALON RETOUCHÉ OU ÔTÉ	—	4	11	4	—	3	10	14
TALON CONCASSÉ ENTIÈREMENT	161	36	43	12	68	28	40	41
TALON CASSÉ	77	90	54	13	32	69	50	45
<b>TOTAL</b>	<b>238</b>	<b>130</b>	<b>108</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
TALON CONCASSÉ PARTIELLEMENT	103	27	70	8				
TALON PLAT	95	91	90	33	47	32	43	24
TALON CONVEXE	67	153	73	86	34	53	35	68
TALON CONCAVE	12	22	19	5	6	8	8	4
TALON SINUEUX	25	21	29	—	12	7	14	—
TALON EN CHAPEAU DE GENDARME	1	—	—	2	1	—	—	2
<b>TOTAL</b>	<b>200</b>	<b>287</b>	<b>211</b>	<b>126</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
TALON ÉPAIS	84	129	68	52	42	45	32	46
TALON ASSEZ ÉPAIS	73	79	85	44	37	28	41	39
TALON MOYENNEMENT ÉPAIS	33	57	41	16	16	20	20	14
TALON MINCE	11	20	13	2	5	7	6	1
TALON FILIFORME	—	1	2	—	—	1	1	—
<b>TOTAL</b>	<b>201</b>	<b>286</b>	<b>209</b>	<b>114</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
TALON LARGE	58	73	40	48	27	22	18	35
TALON ASSEZ LARGE	76	97	89	47	36	30	38	35
TALON MOYENNEMENT LARGE	43	73	46	23	20	22	20	17
TALON ÉTROIT	15	38	31	14	7	12	14	10
TALON PUNCTIFORME	20	45	22	4	10	14	10	3
<b>TOTAL</b>	<b>212</b>	<b>326</b>	<b>228</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
TALON PERPENDICULAIRE	22 (29)	32 (48)	40	22	12 (14)	13 (16)	19	19
TALON PEU OBLIQUE	96 (104)	100 (116)	115	74	52 (50)	40 (40)	54	66
TALON OBLIQUE	53 (60)	85 (96)	54	17	29 (29)	34 (32)	25	15
TALON TRÈS OBLIQUE	12 (14)	31 (34)	4	—	7 (7)	13 (12)	2	—
<b>TOTAL</b>	<b>183 (207)</b>	<b>248 (294)</b>	<b>213</b>	<b>113</b>	<b>100 (100)</b>	<b>100 (100)</b>	<b>100</b>	<b>100</b>
IMPACT CENTRAL	129	157	110	49	67	56	54	45
IMPACT LATÉRAL	58	114	80	60	30	41	38	55
IMPACT DIFFUS	5	8	17	—	3	3	8	—
<b>TOTAL</b>	<b>192</b>	<b>279</b>	<b>207</b>	<b>109</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>



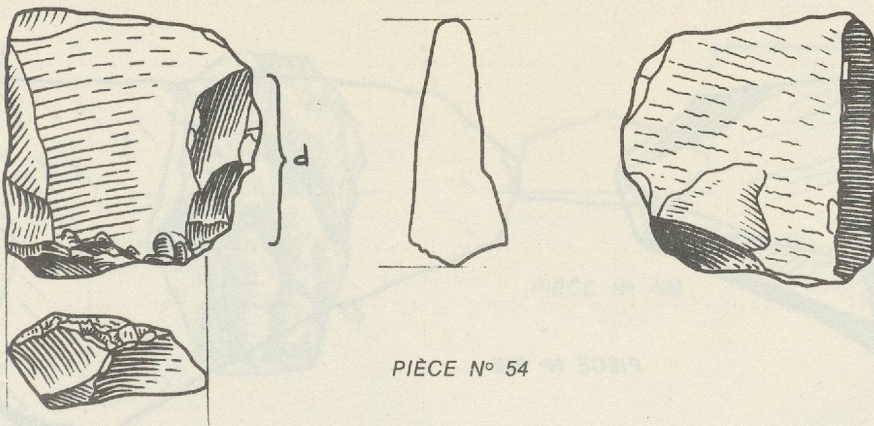
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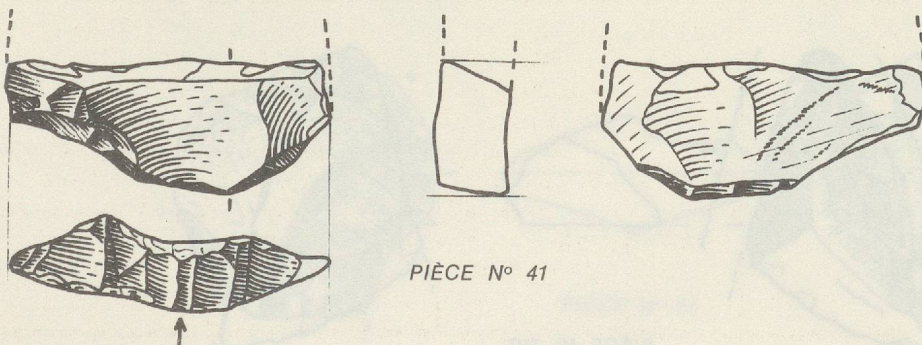
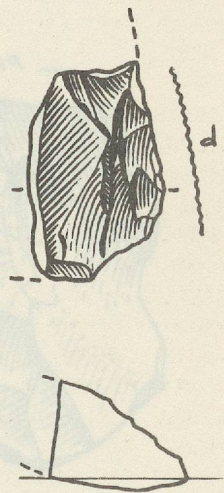
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PIÈCE N° 675



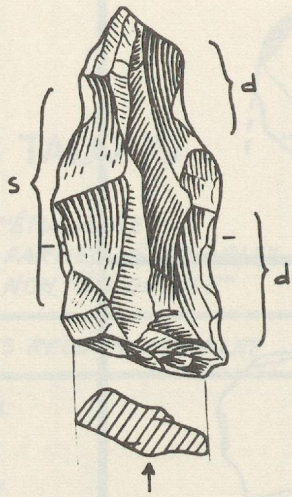
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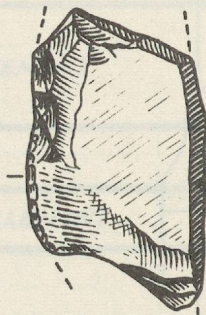
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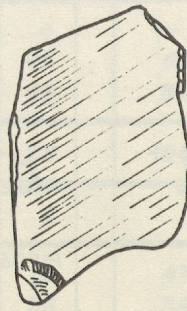
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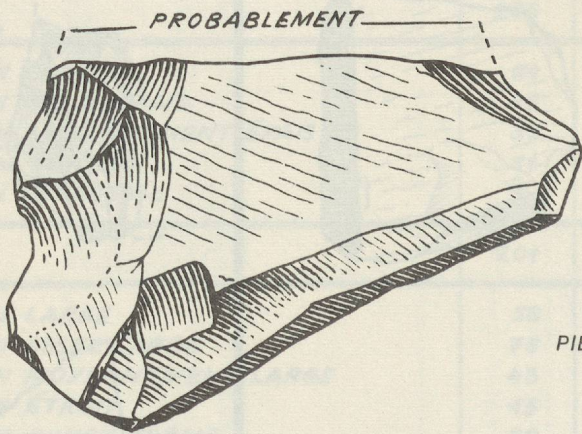
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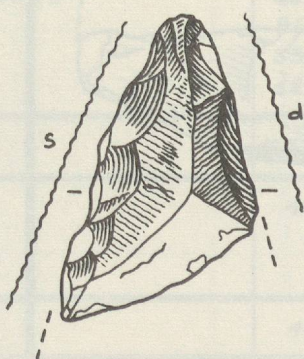
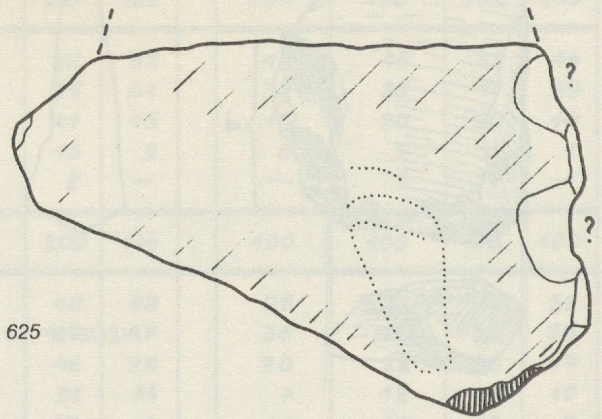
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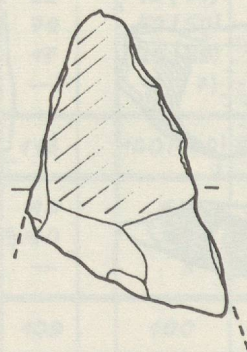
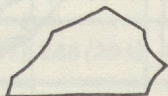
COUPEAU À DOS DE PRÉPARATION

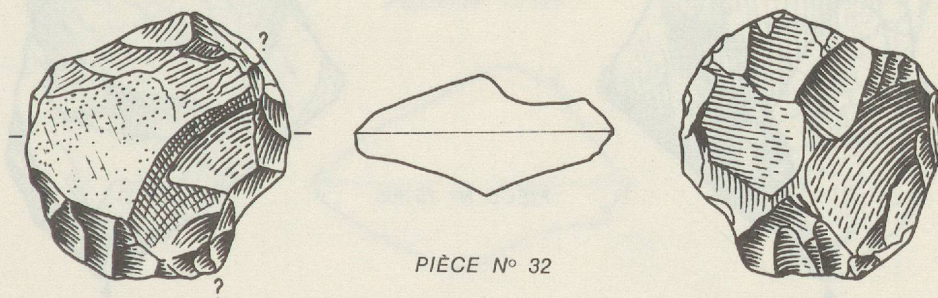
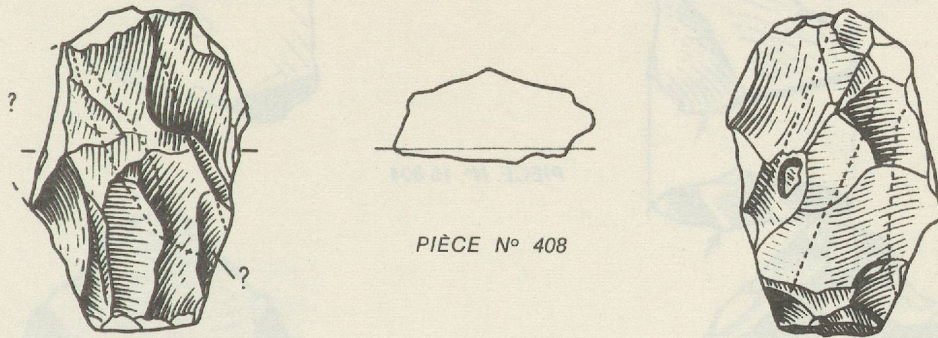
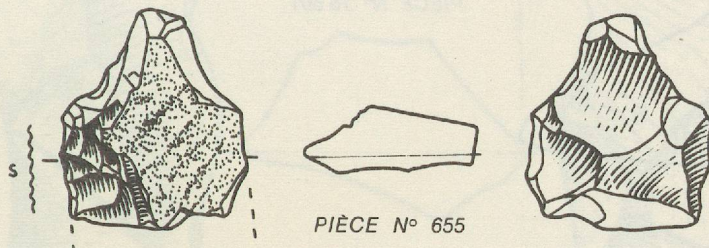
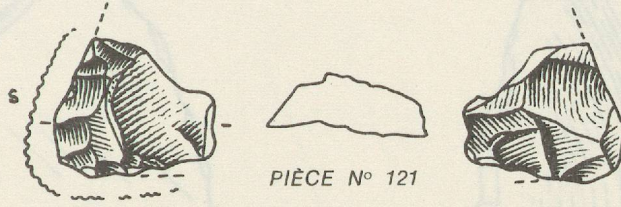


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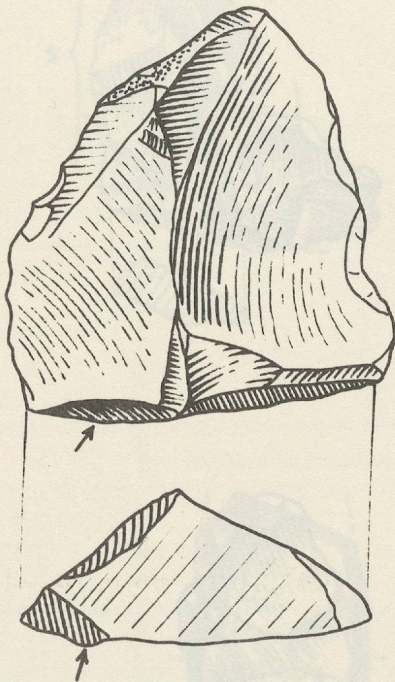


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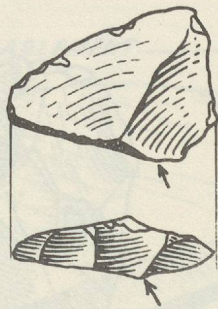
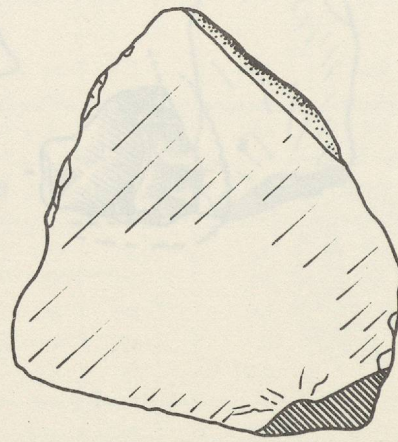




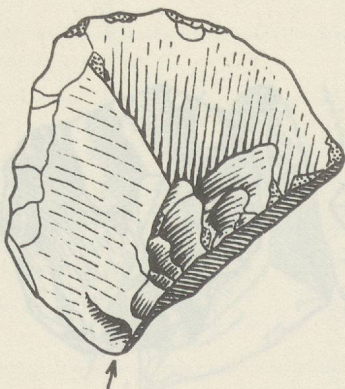
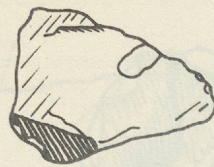




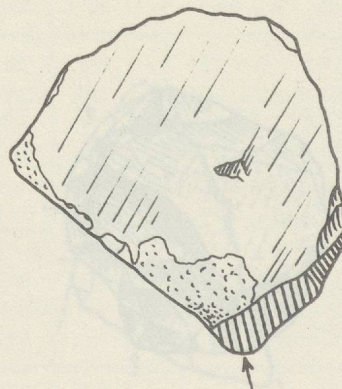
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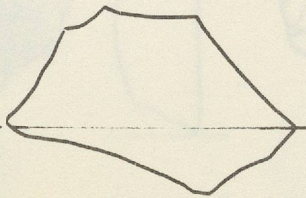
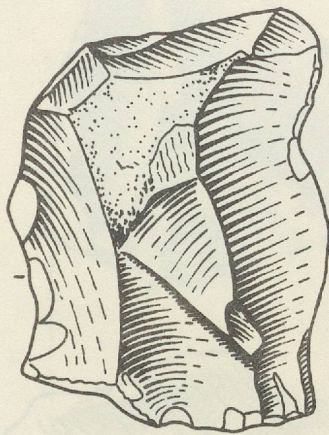


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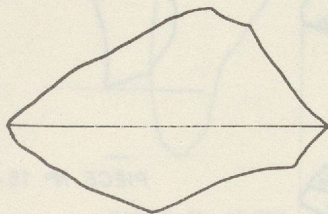
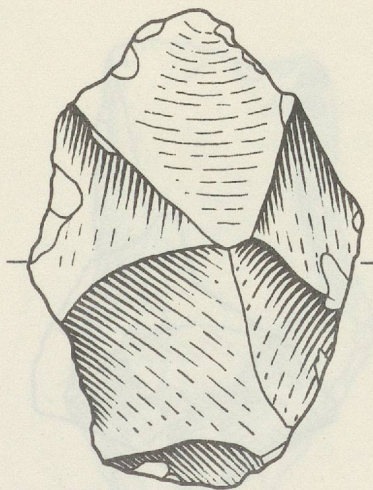
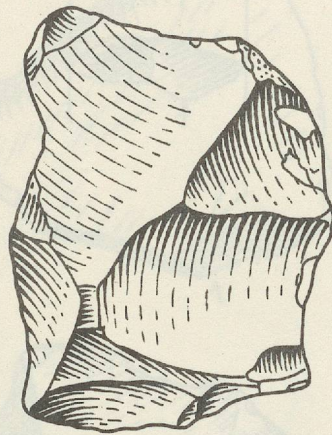


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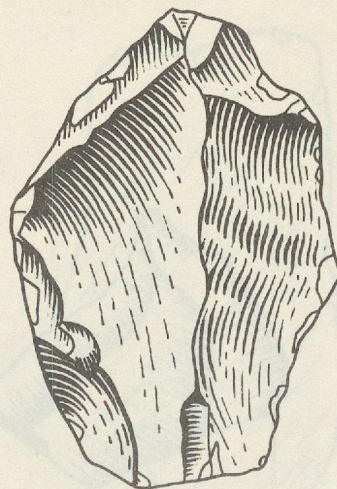


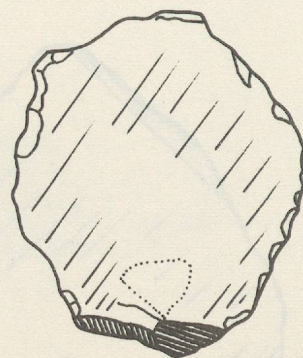
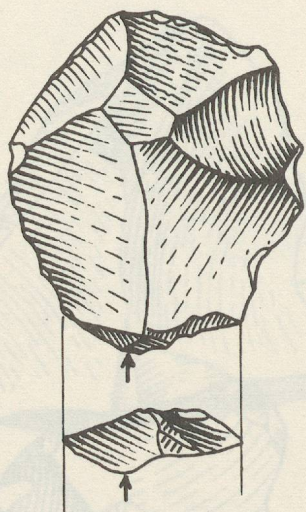


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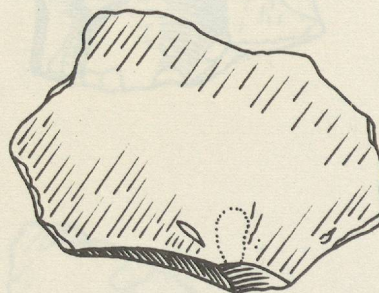
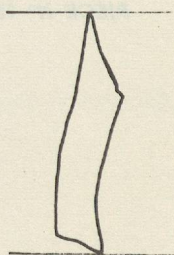
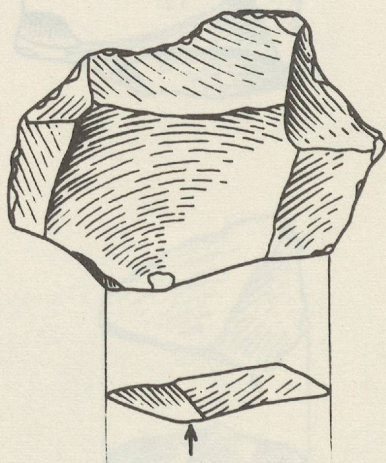


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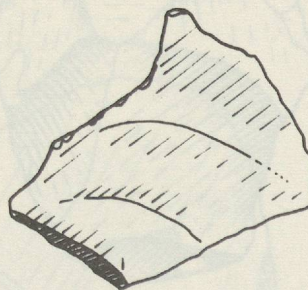
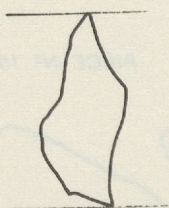
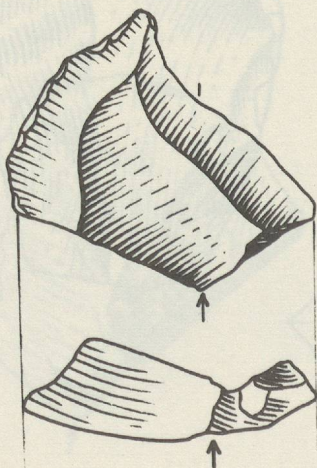




PIÈCE N° 15 482



PIÈCE N° —



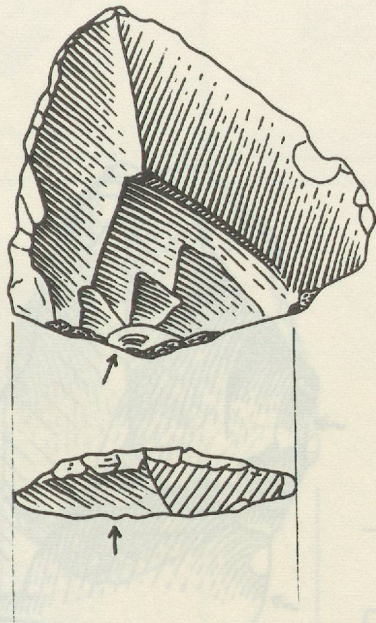
PIÈCE N° 15 492

PLAN D'ÉCLATEMENT  
DE L'ÉLAT BIT  
PRIMAIRE

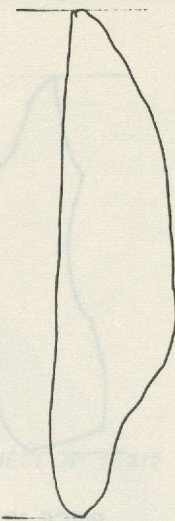
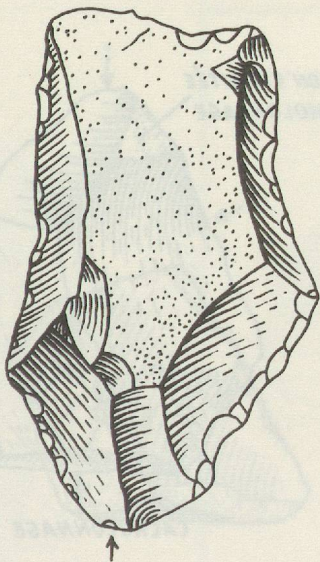
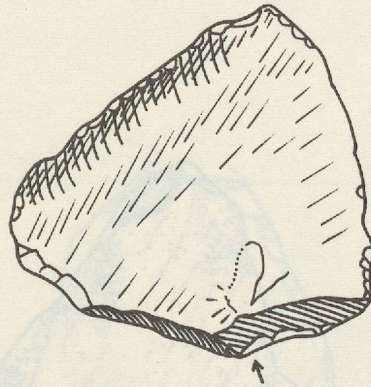
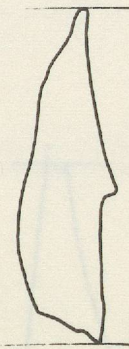
PLAN D'ÉCLATEMENT  
DE L'ÉLAT BIT  
SECONDAIRE

PIÈCE N° 15073

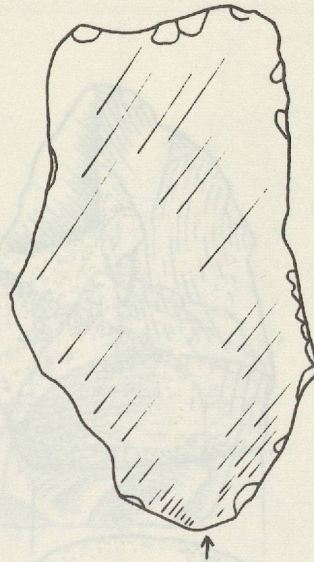
BASE D'UN PREMIER ÉLAT HYPOTHÉTIQUE  
ANTÉRIEUR À L'ÉLAT PRIMAIRE

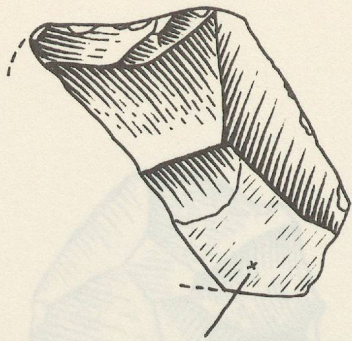


PIÈCE N° 15410



PIÈCE N° 15563

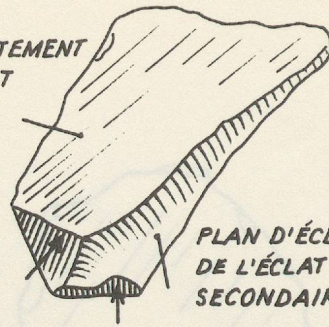




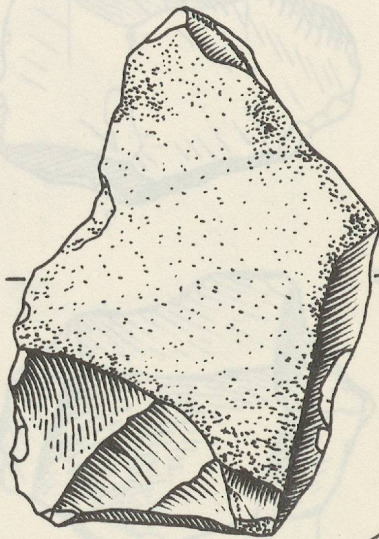
BULBE D'UN PREMIER ÉCLAT HYPOTHÉTIQUE ??  
ANTÉRIEUR À L'ÉCLAT PRIMAIRE

PIÈCE N° 15 572

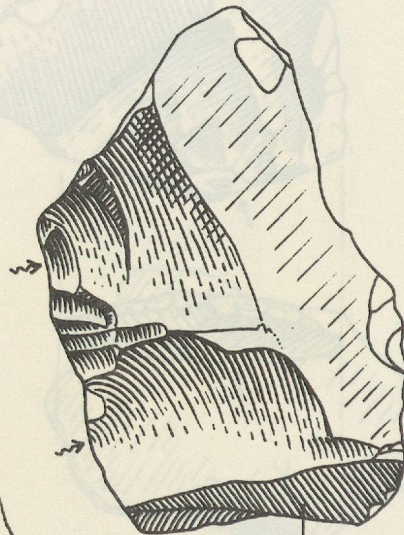
PLAN D'ÉCLATEMENT  
DE L'ÉCLAT DIT  
PRIMAIRE



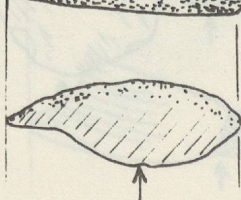
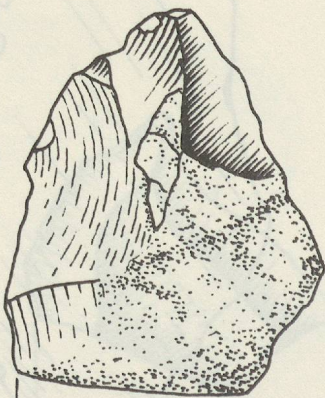
PLAN D'ÉCLATEMENT  
DE L'ÉCLAT DIT  
SECONDAIRE



PIÈCE N° —

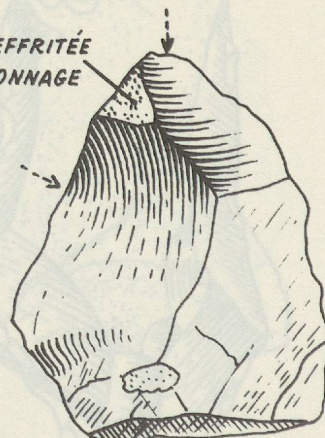


PLAN DE FRAPPE

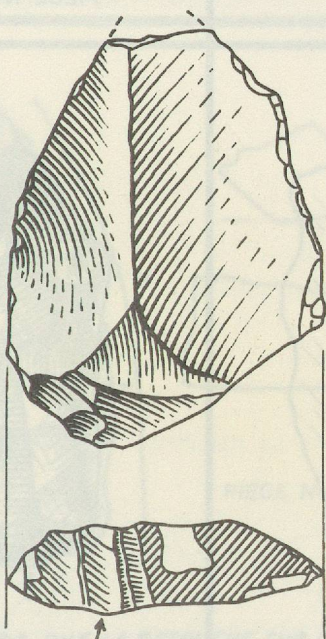


PIÈCE N° —

RÉGION EFFRITÉE  
CACHOLONNAGE

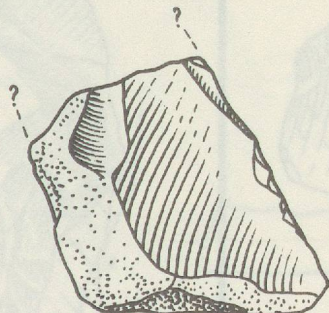
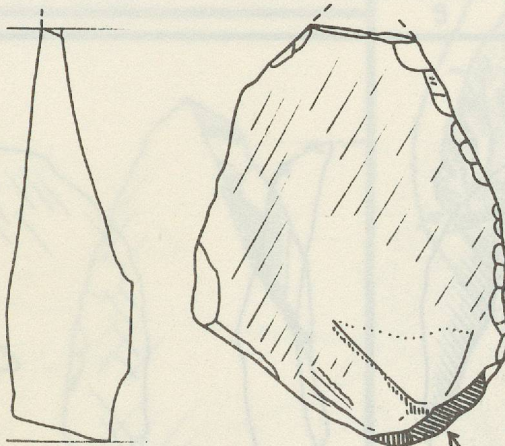


CACHOLONNAGE

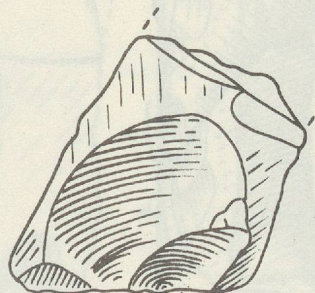


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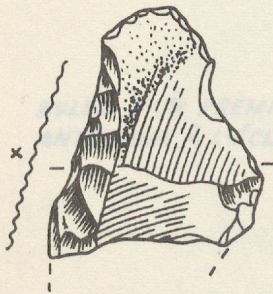
TALON FACETTÉ



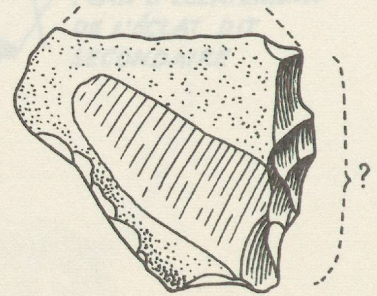
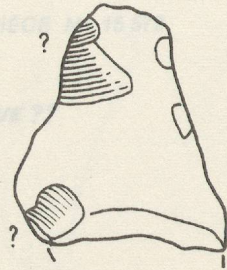
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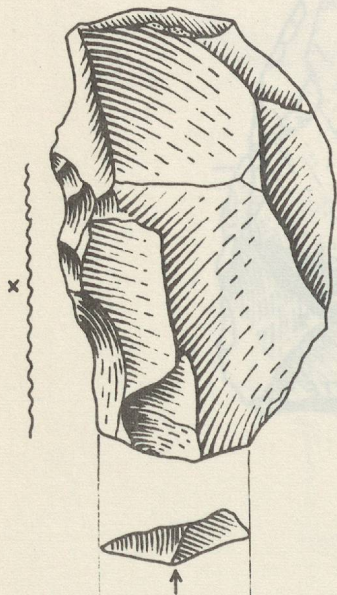
PLAN D'ÉCLATEMENT  
DE L'ÉCLAT DIT  
PRIMAIRE



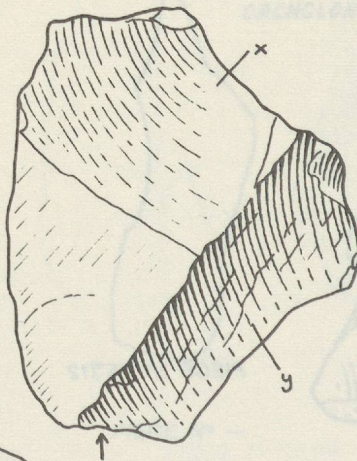
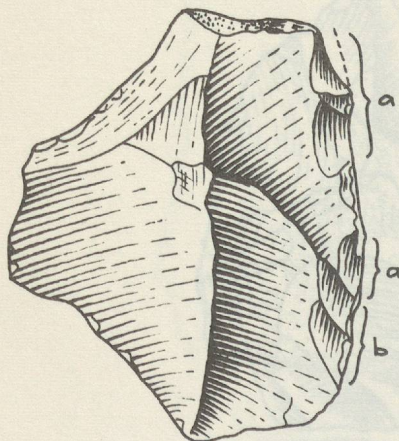
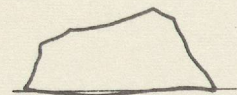
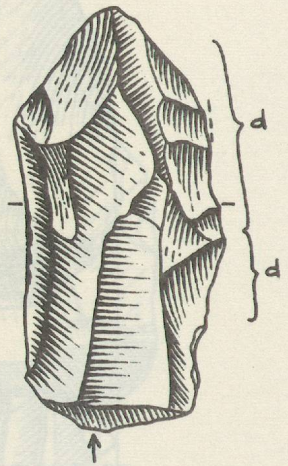
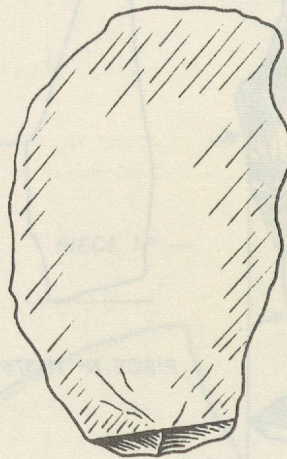
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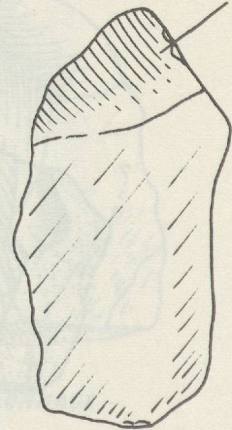


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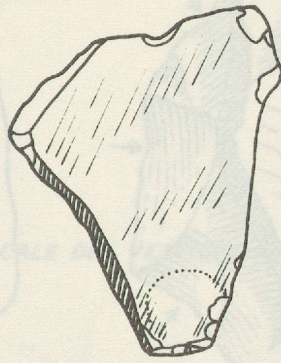
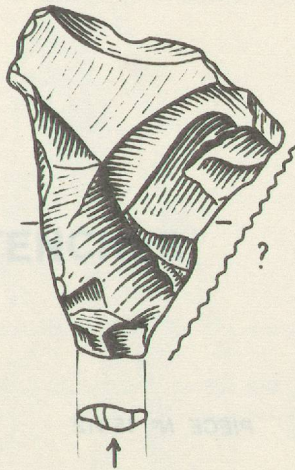


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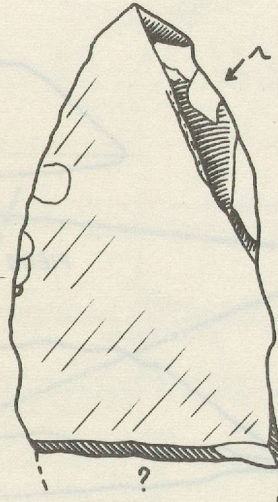
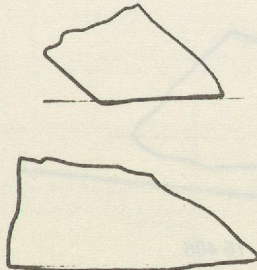
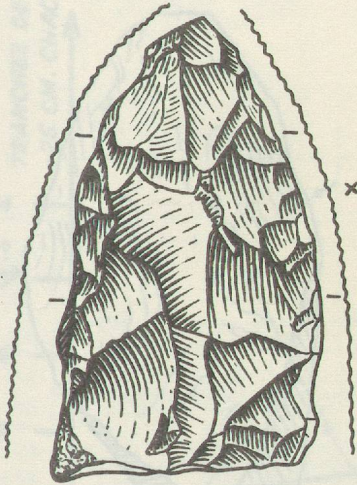
CASSÉ  
PROBABLEMENT



PIÈCE N° 15 498

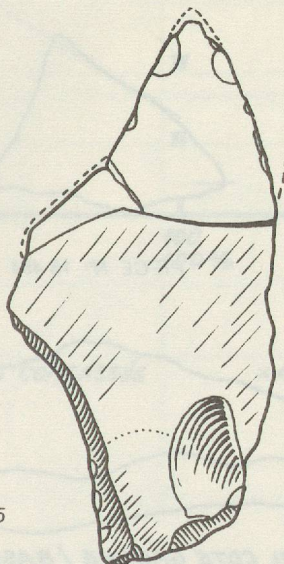
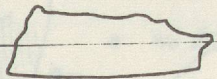
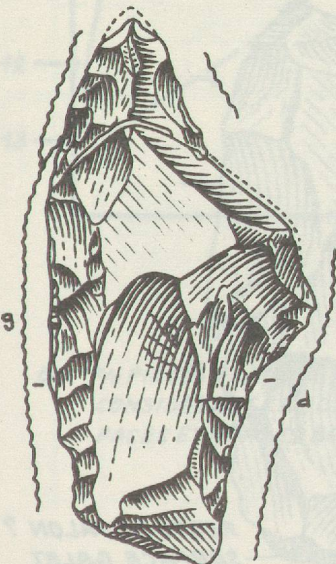


PIÈCE N° 15 617

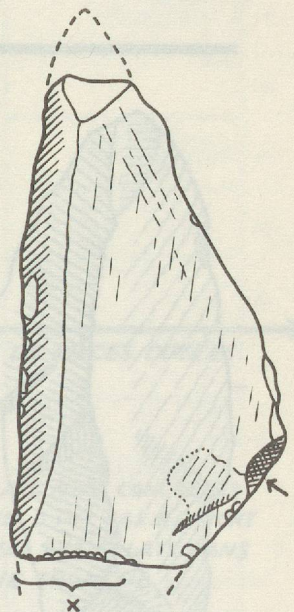
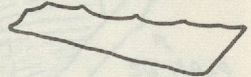
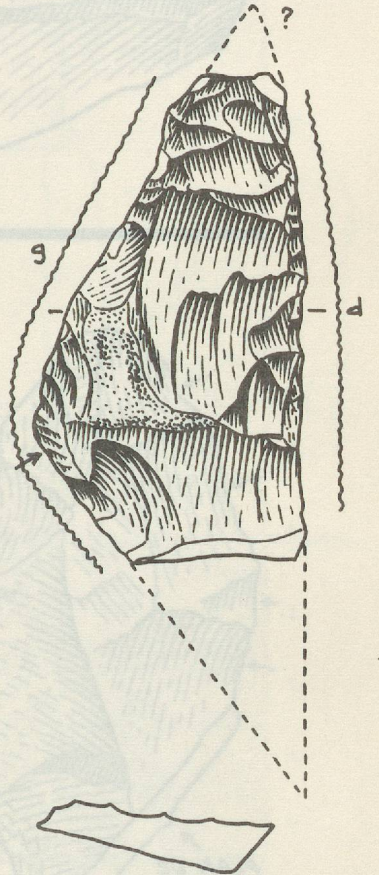


PIÈCE N° 15 621

ON REMARQUERA QUE LA RETOUCHE SUR LE BORD GAUCHE NE PREND PAS  
 NAISSANCE SUR LE REVERS, MAIS EN SOMME SUR LA TRANCHE D'UN ÉCLAT  
 CASSÉ.

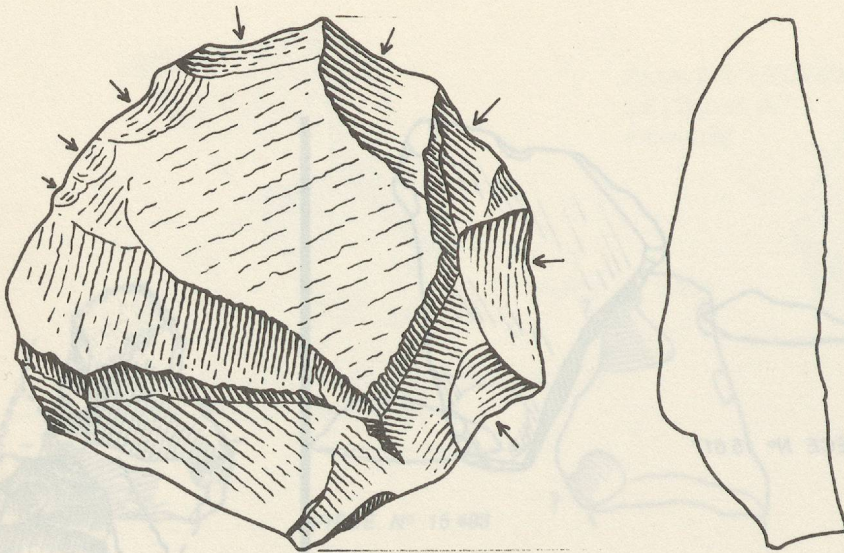


PIÈCE N° 15 676 + N° 15 445

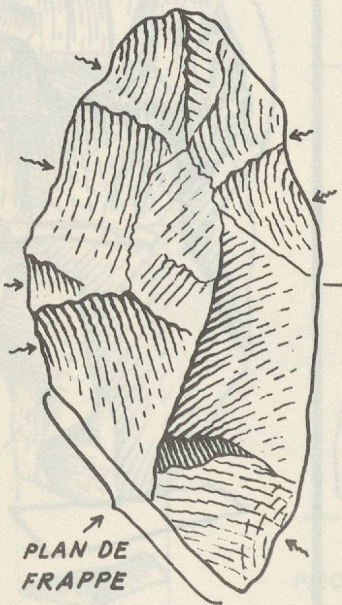


PIÈCE N° 15 346





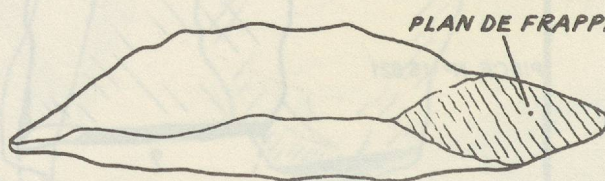
PIÈCE N° 15 412



PLAN DE FRAPPE

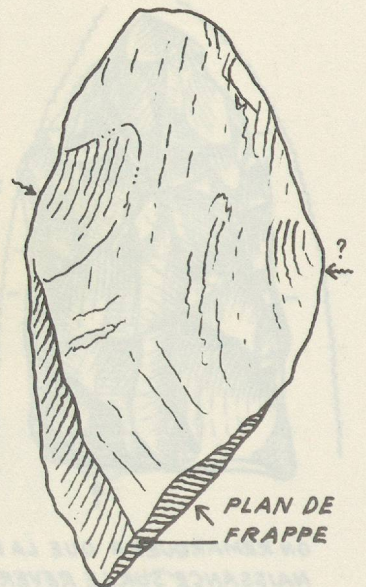


PIÈCE N° 15 486

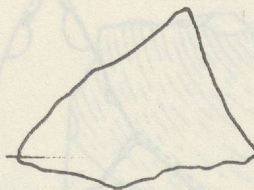
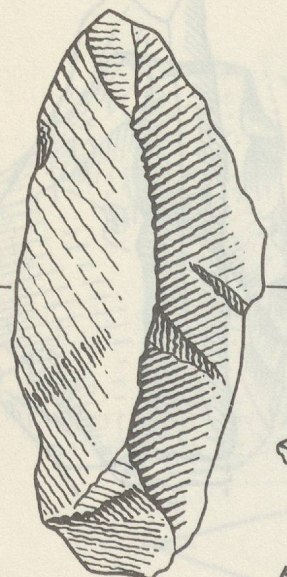


PLAN DE FRAPPE

PROFIL BORD GAUCHE / BASE À DROITE



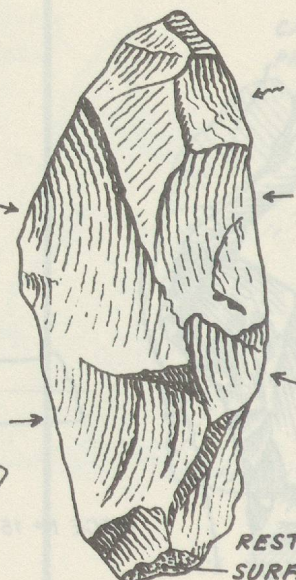
PLAN DE FRAPPE



PIÈCE N° 15 454



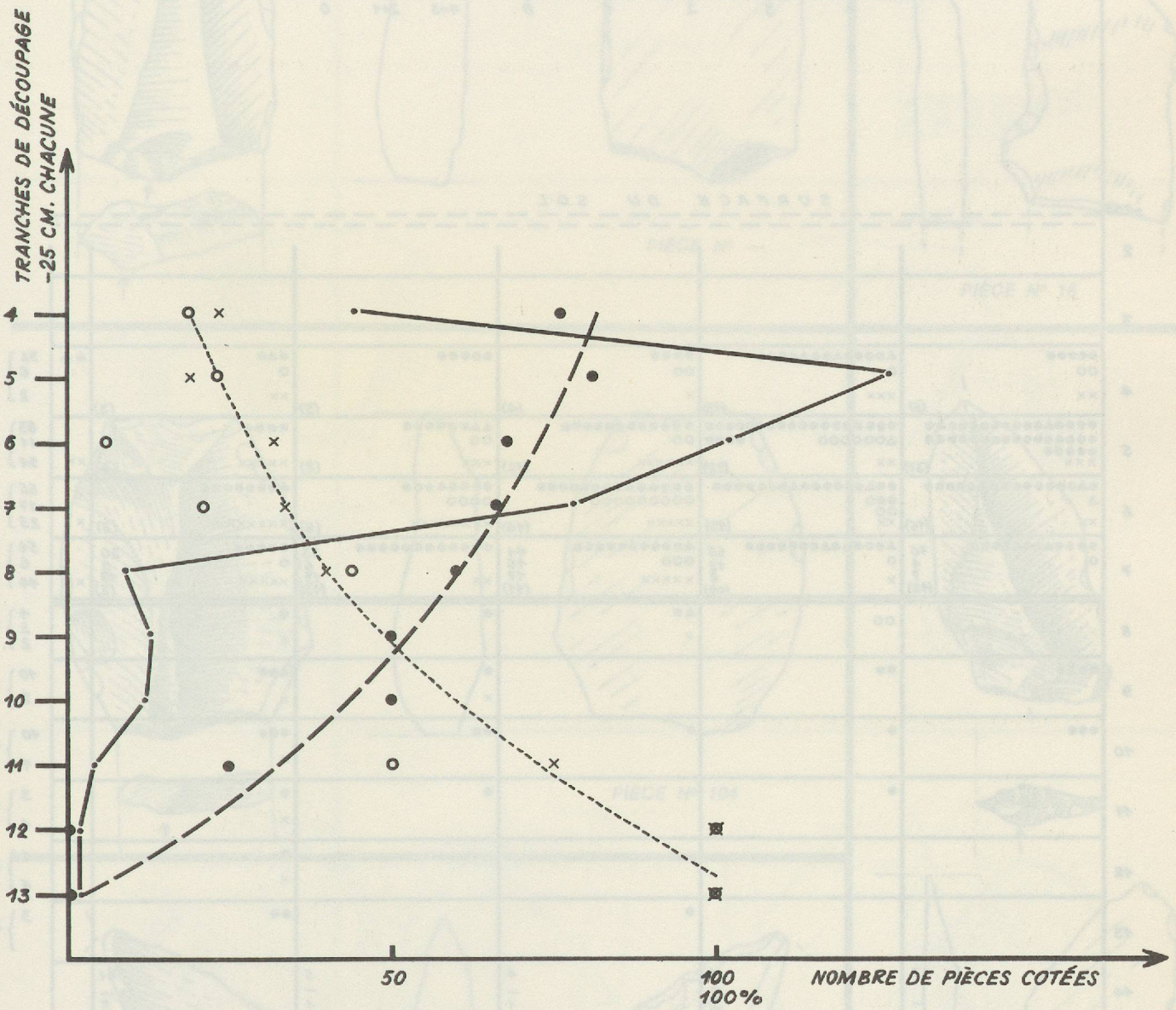
PROFIL COTE GAUCHE / BASE À DROITE



RESTE DETALON ?  
SURFACE GALET

COTENCHER

RÉPARTITION VERTICALE DES VESTIGES LITHIQUES SELON INVENTAIRE ORIGINAL



○ → % PIÈCES FRAÎCHES EN CONSIDÉRANT LES DEUX FACES ET NON LES BORDS

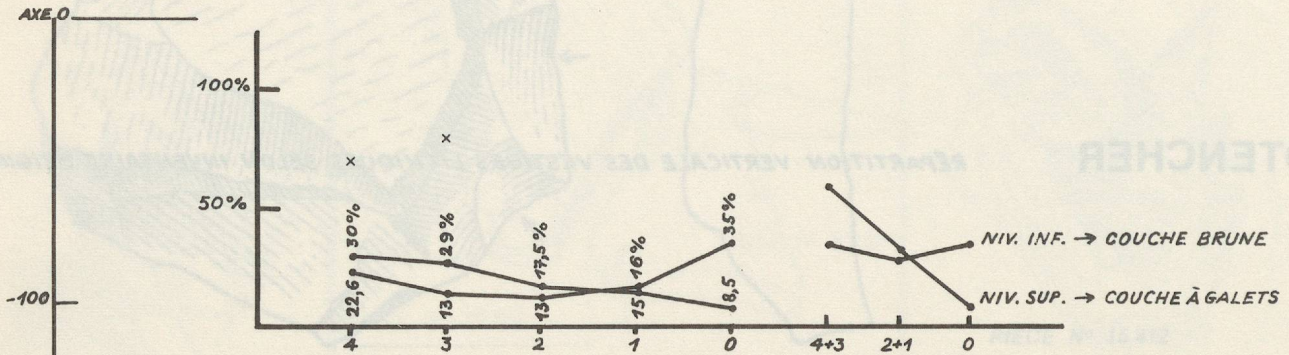
● % ÉCLATS CONCASSÉS

× ← % ÉCLATS NON CONCASSÉS (STADES 0+1) PAR RAPPORT AU TOTAL DES ÉCLATS DANS CHAQUE TRANCHE.

COTENCHER

CONCASSAGE DE L'INDUSTRIE

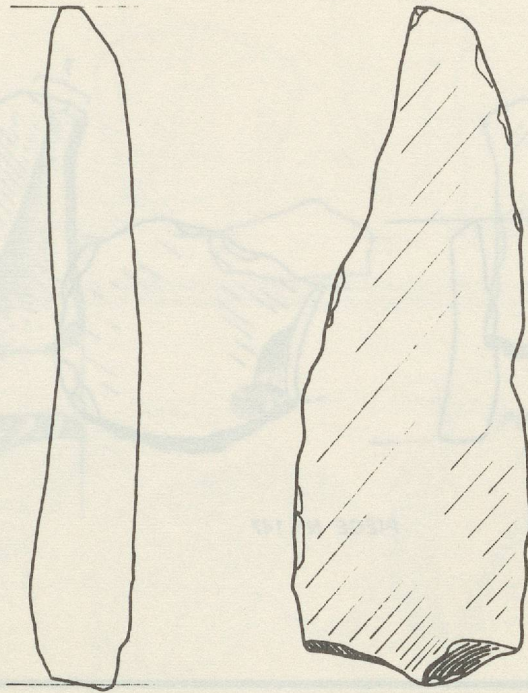
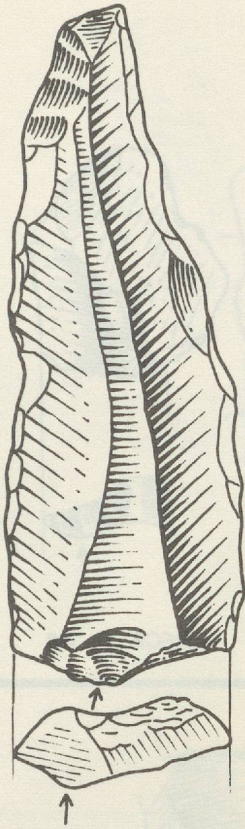
EN CONCLUSION : → COUCHE À GALETS : 92% DES PIÈCES CONCASSÉES  
 → COUCHE BRUNE : 65% DES PIÈCES CONCASSÉES



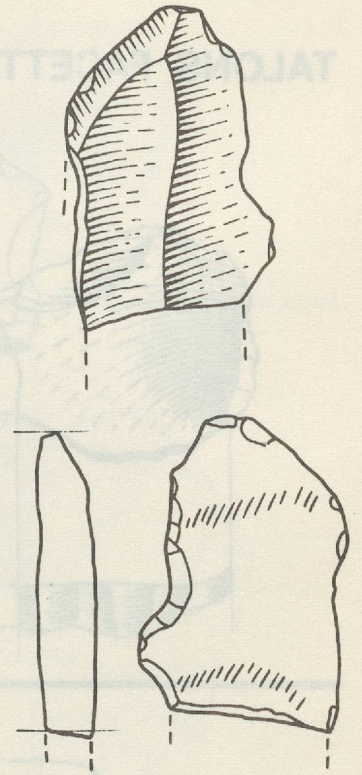
SURFACE DU SOL

2													
3													
4	●●●● ○○ xx	▲●●●●▲●●●● ○ xxx	●●●● ○○ x	●●●●●	●●●● ○ xx	▲▲	32 6 8	46					
5	●●●●▲●●●●▲ ●●●●●●●●●● xxx	●●●●●●●●●● △○○○○○ ●●●●	●●●●●●●● ○○ xxxxxx	●●●●●●● ○○ xxx	●●●● ○ xxxxxx	●●●●	83 11 21	116					
6	●●●●●●●●●● △ xx	●●●●●●●●●● ●●●● ○○ xx	●●●●●●●●●● ○○○○○○○○ xxxxxx	●●●●●●● ○○○○ xxxxxxxxxx	●●●●●●● ▲●●●●●● xxxxxxxxxx	●●●●●●●	65 17 25	107					
7	●●●●●●●●●● ○	▲●●●●▲●●●● ○ x	▲●●●●●●●●●● ○○○ xxxxxx	▲●●●●●●●●●● ○○○○○○○○ xxxxxx	●●●●●●●●●● ○ xx	●●●●● ○ xxxxxx	70 4 7 12	68 12 8 14	41 16 17 11	33 6 13 12	20 2 19 5	54 6 14	74
8		○○	▲● x	●	●	●	4 2 2	8					
9	●●●●	●●		●	●	▲●●	10 2	12					
10	●●●	●	●	●●	●●	●●●	10 1	11					
11		●		●	●	●	3 1	4					
12						●	1 1	2					
13			●			●●	3	3					
14	7 -		4 2 -		4 -	5 -	11 5						
15													

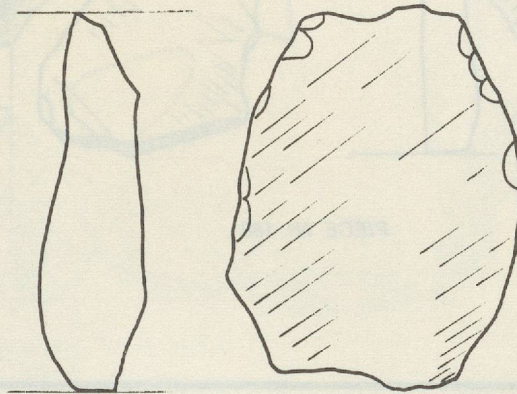
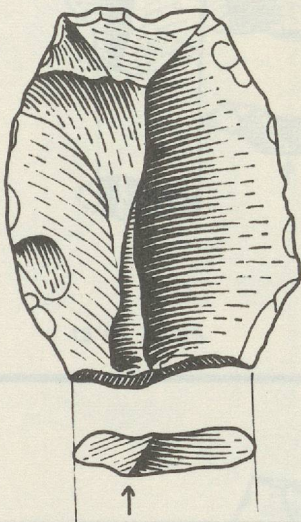
TALONS FACETTES



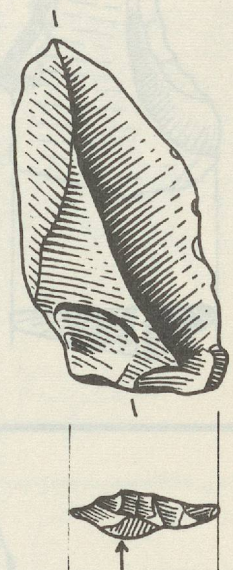
PIÈCE N° —



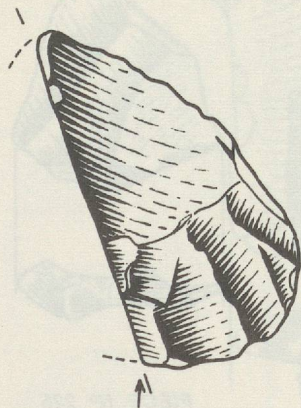
PIÈCE N° 16



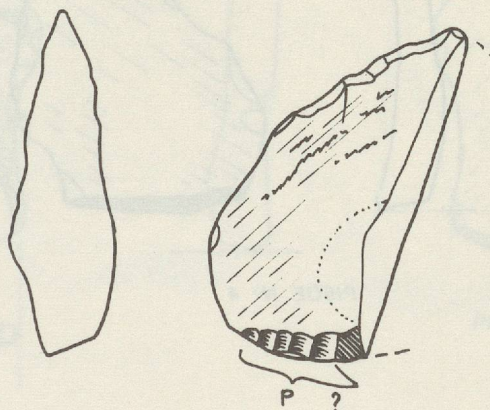
PIÈCE N° 104



PIÈCE N° 213



PIÈCE N° 161

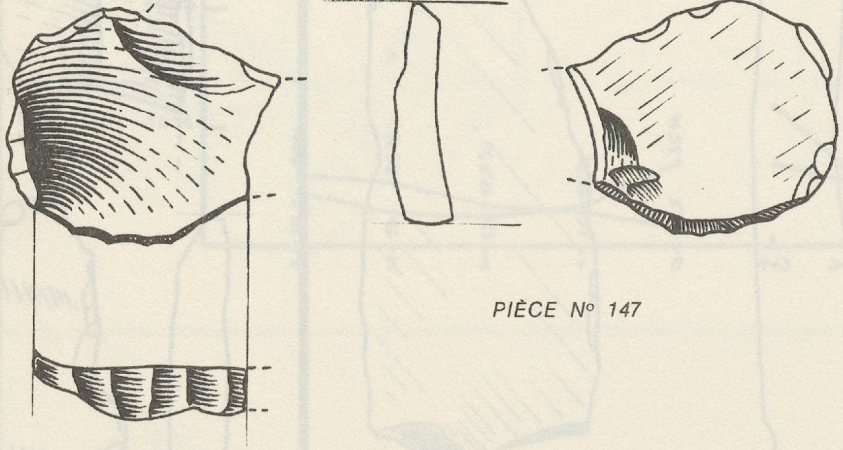


P ?

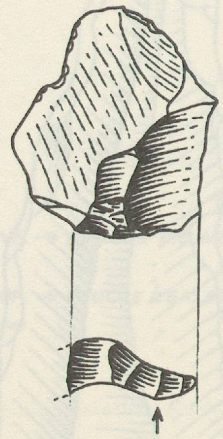
COTENCHER

INDUSTRIE DE L'INDUSTRIE

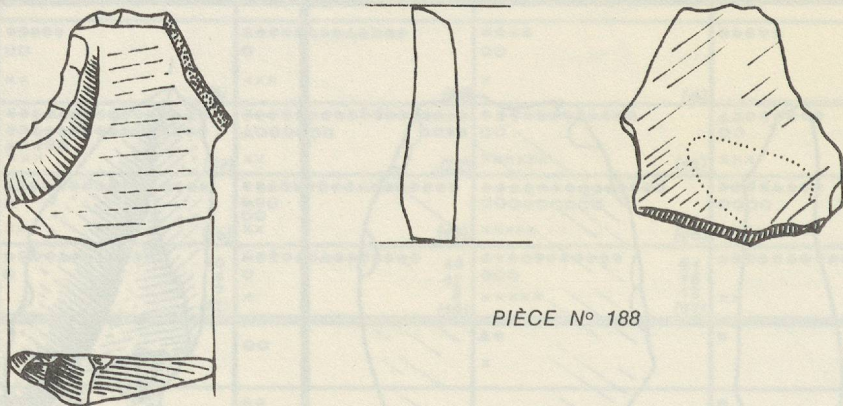
TALONS FACETTÉS



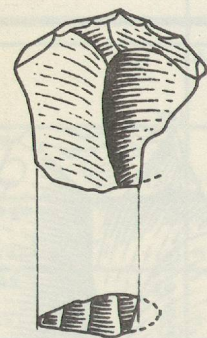
PIÈCE N° 147



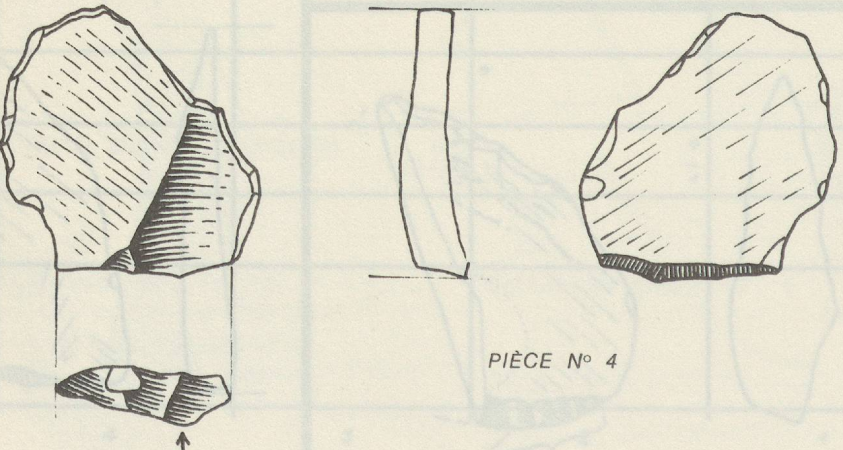
PIÈCE N° 390



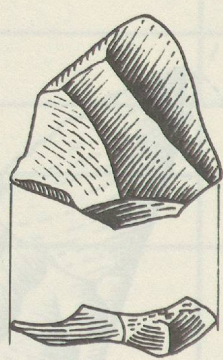
PIÈCE N° 188



PIÈCE N° 81

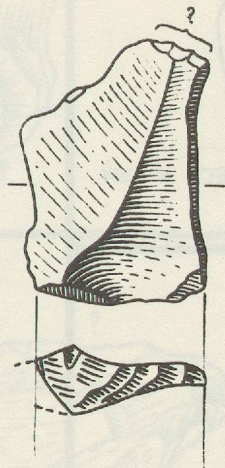


PIÈCE N° 4

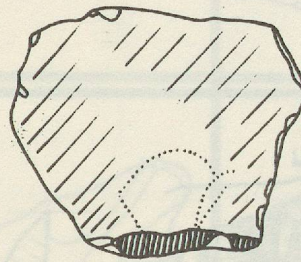
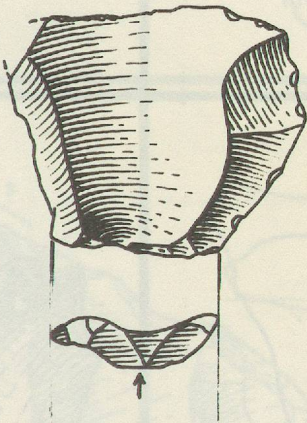


PIÈCE N° 225

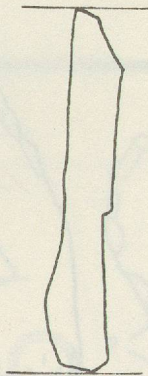
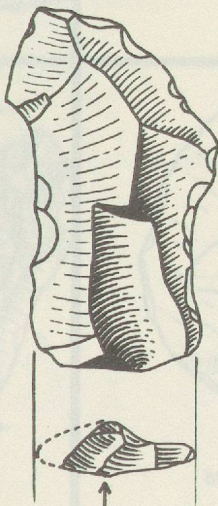
TALONS FACETTÉS



PIÈCE N° 377

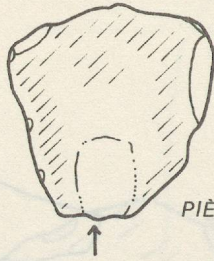
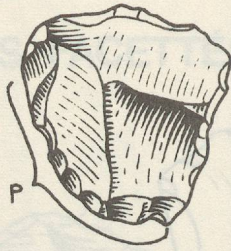


PIÈCE N° 411

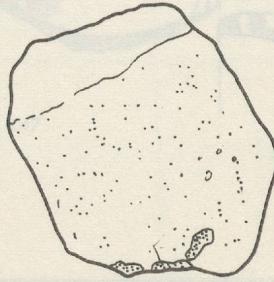
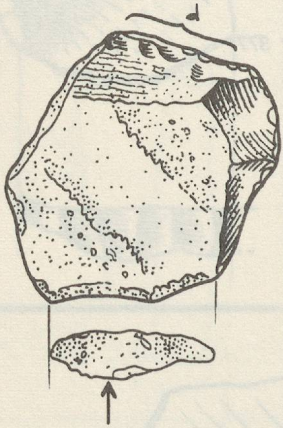


PIÈCE N° 10

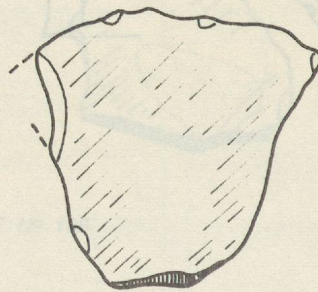
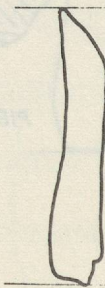
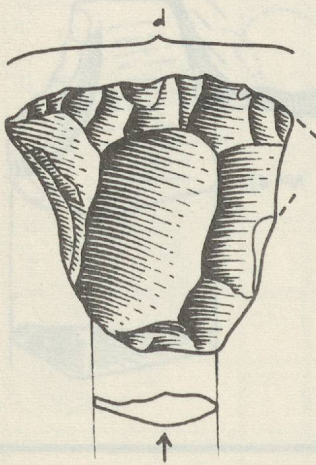
RACLOIRS SIMPLES MINCES



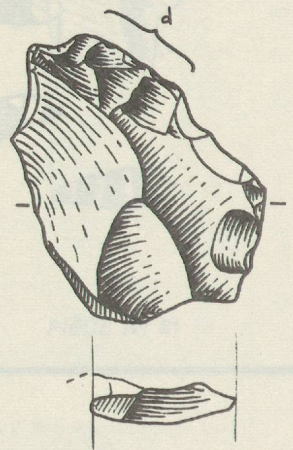
PIÈCE N° 394



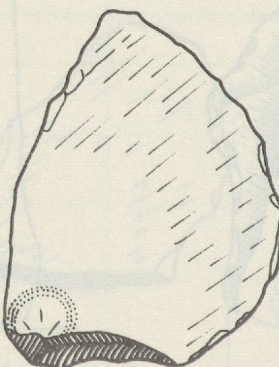
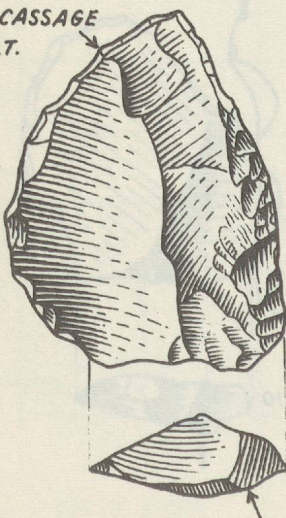
PIÈCE N° 101



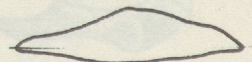
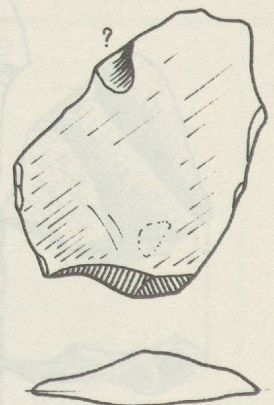
PIÈCE N° 57 (Neuchâtel)



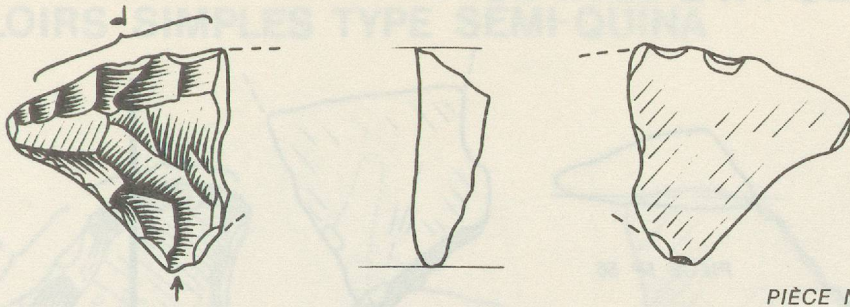
CONCASSAGE  
PBLT.



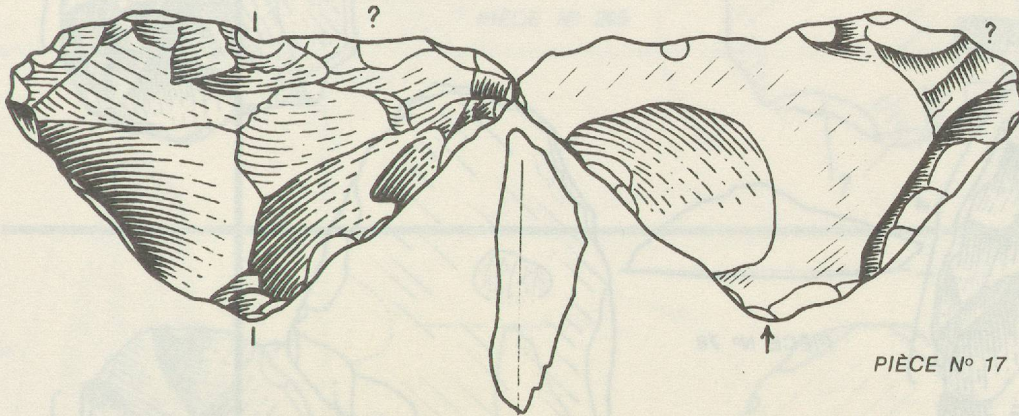
PIÈCE N° 286



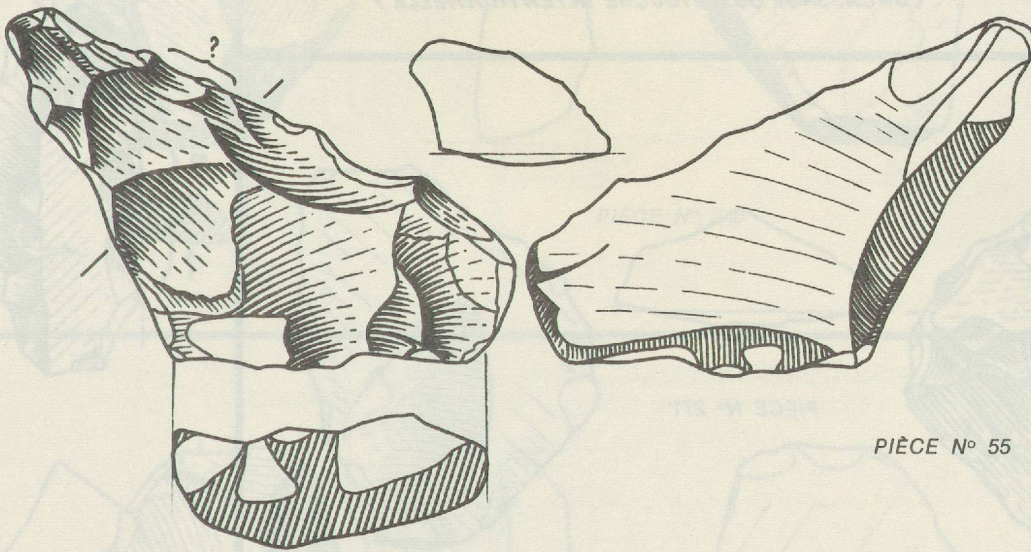
PIÈCE N° 261



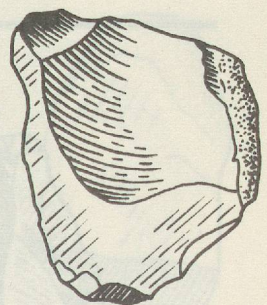
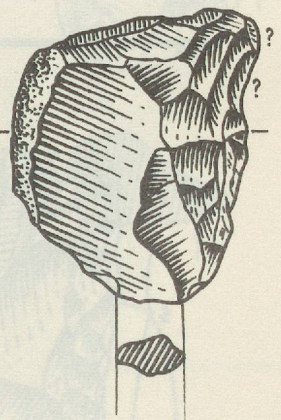
PIÈCE N° 138



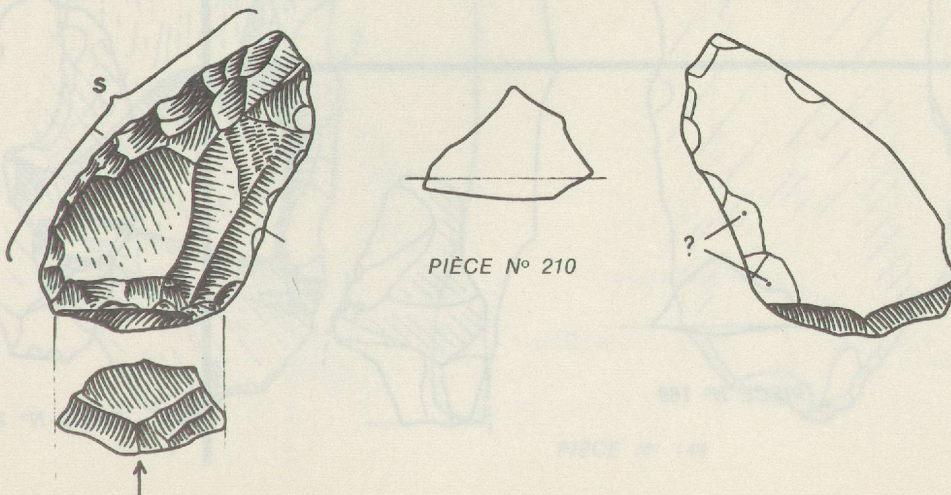
PIÈCE N° 17



PIÈCE N° 55



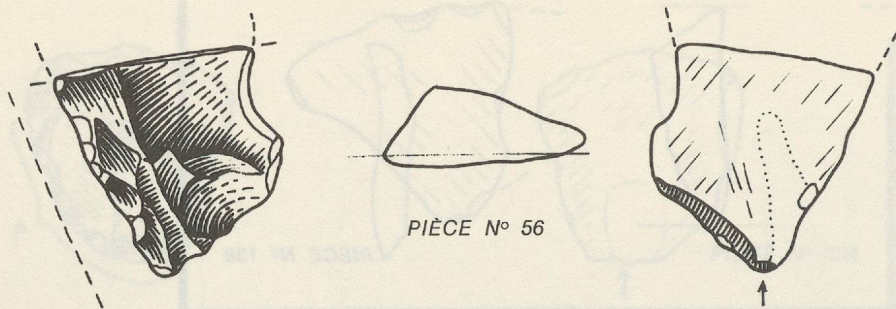
PIÈCE N° 342



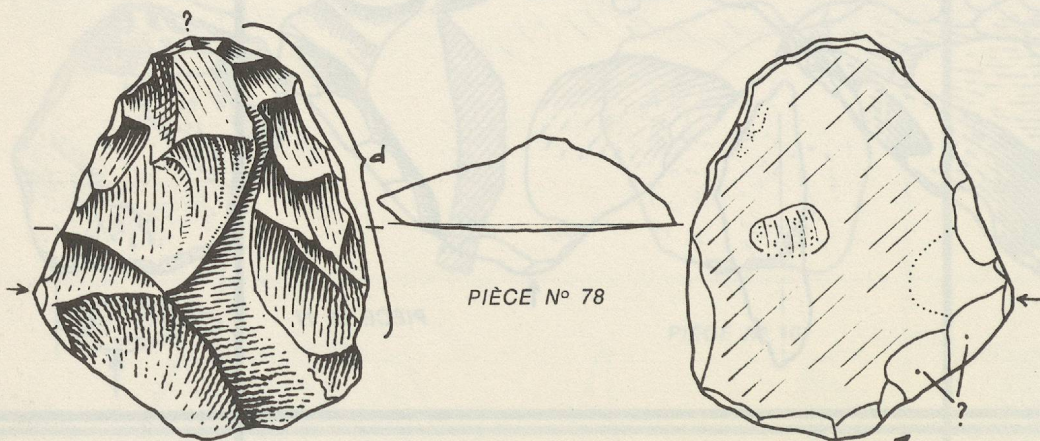
PIÈCE N° 210



# RACLOIRS SIMPLES TYPE SEMI-QUINA

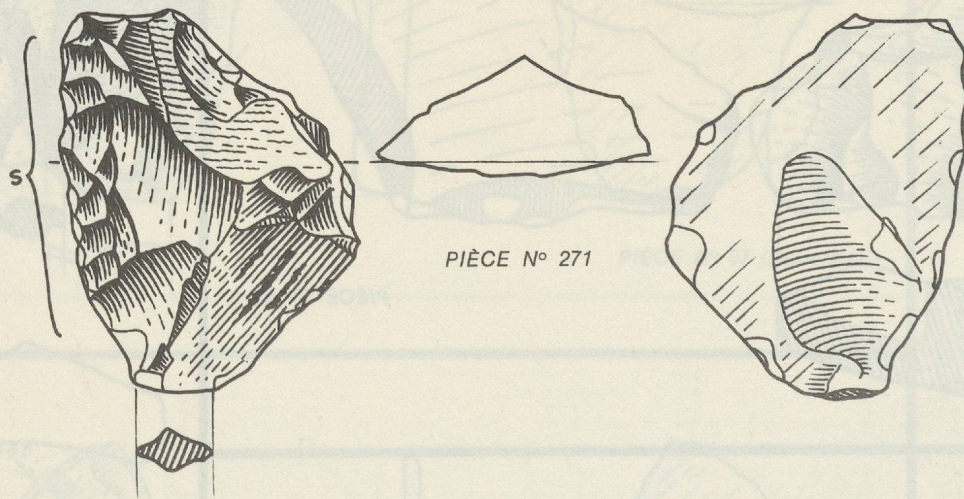


PIÈCE N° 56

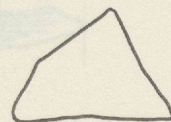
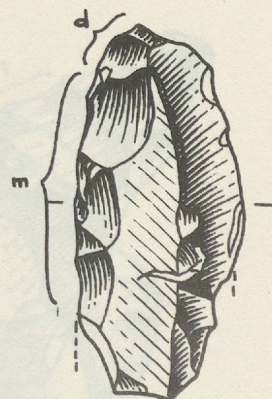


PIÈCE N° 78

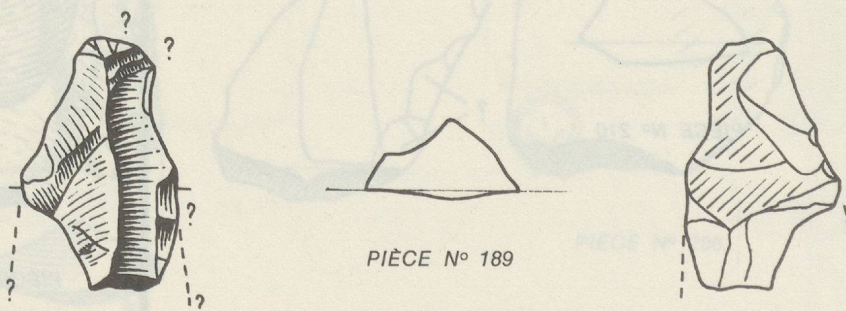
CONCASSAGE OU RETOUCHE INTENTIONNELLE ?



PIÈCE N° 271

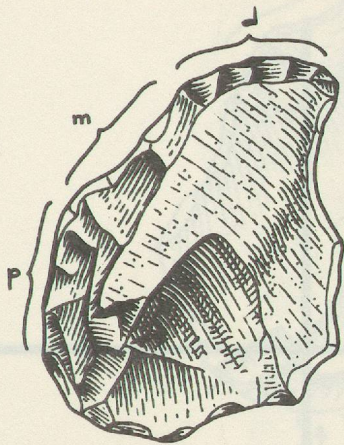


PIÈCE N° 248

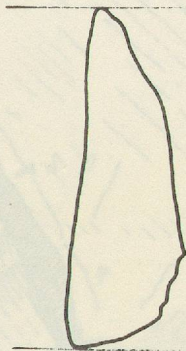
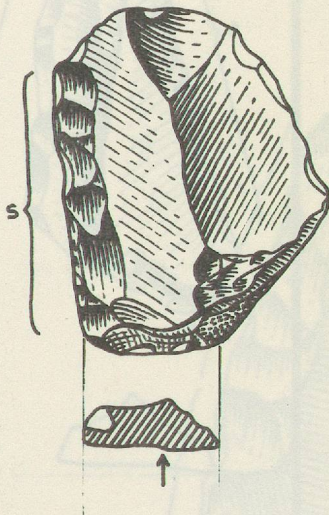
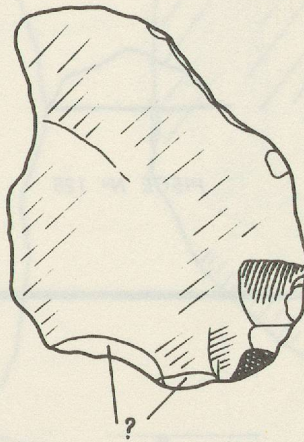


PIÈCE N° 189

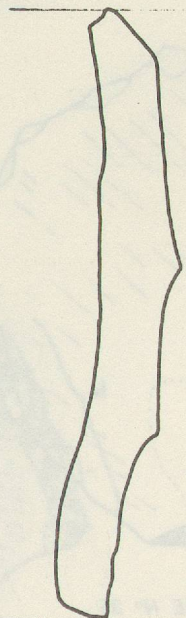
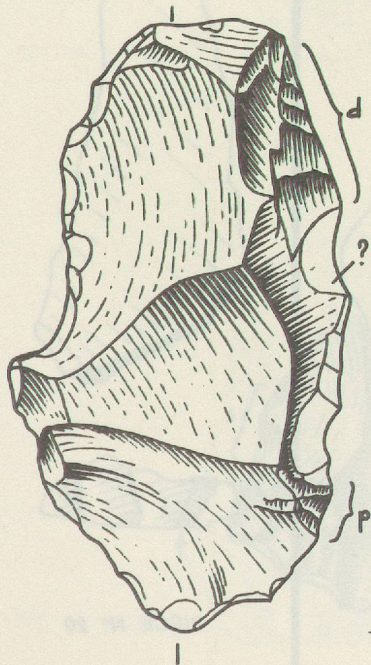
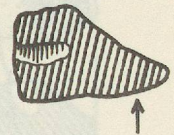
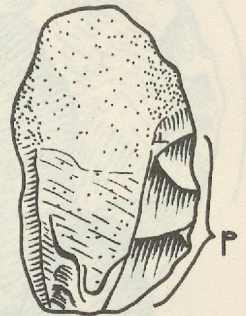
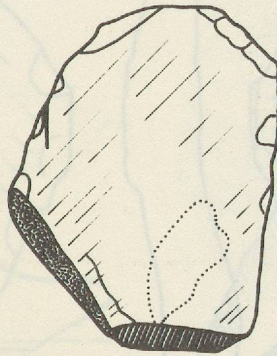
RACLOIRS SIMPLES TYPE SEMI-QUINA



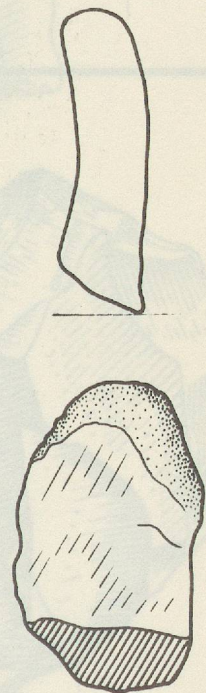
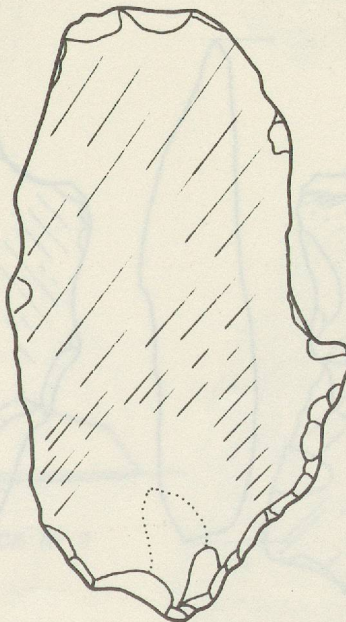
PIÈCE N° 265



PIÈCE N° 340

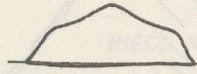
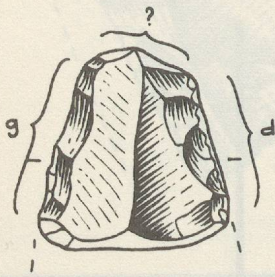


PIÈCE N° 149

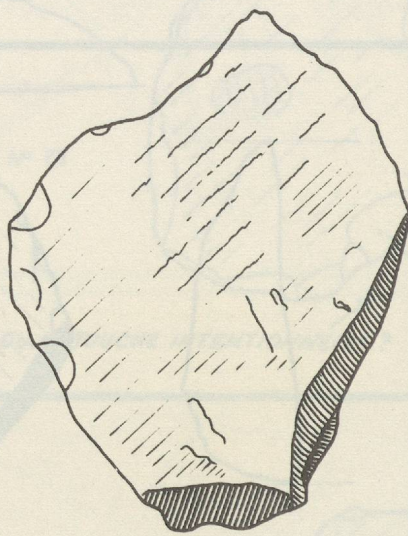
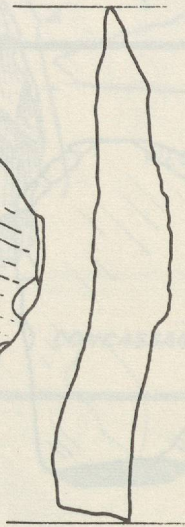
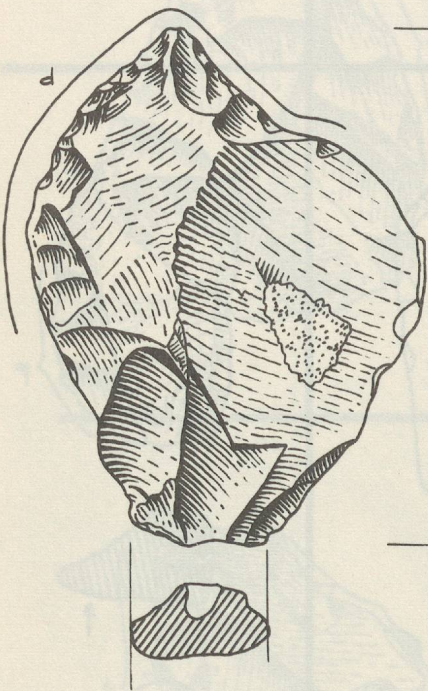
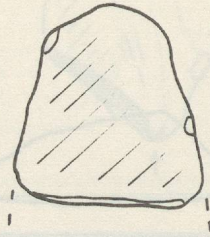


PIÈCE N° 395

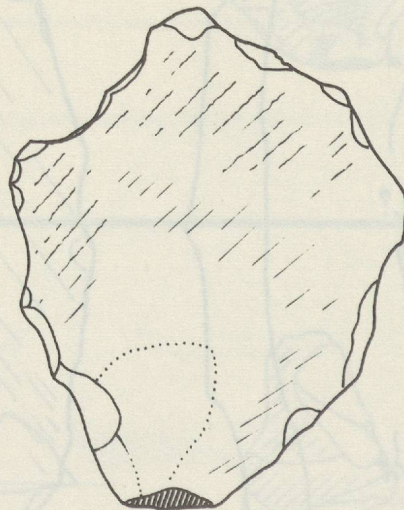
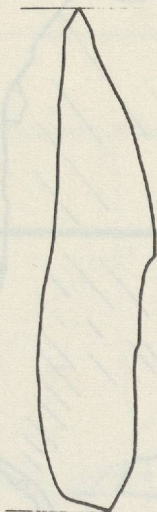
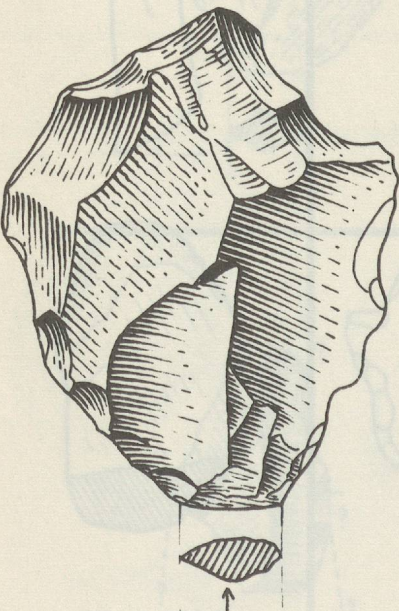
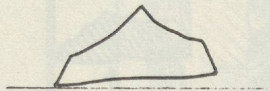
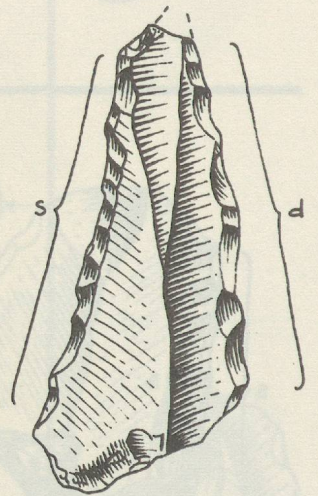
RACLOIRS SIMPLES TYPE SEMI-QUINA



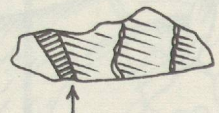
PIÈCE N° 128



PIÈCE N° 365

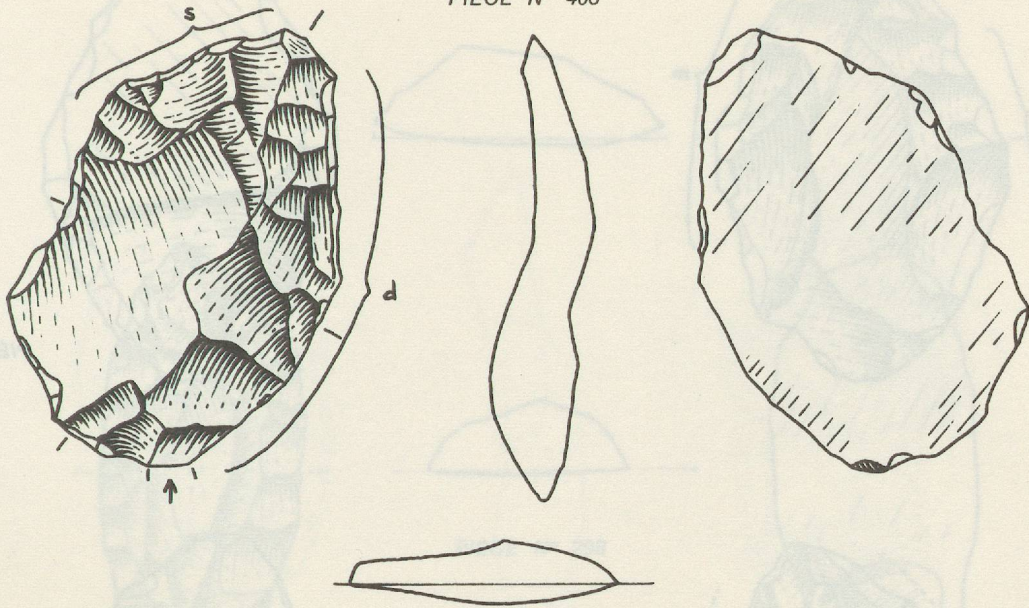


PIÈCE N° 35

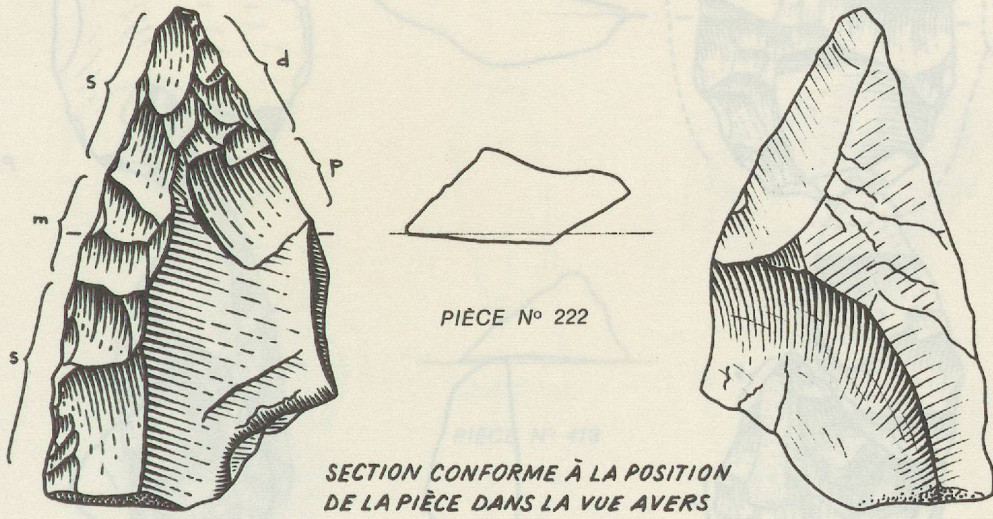


PIÈCE N° 20

PIÈCE N° 403

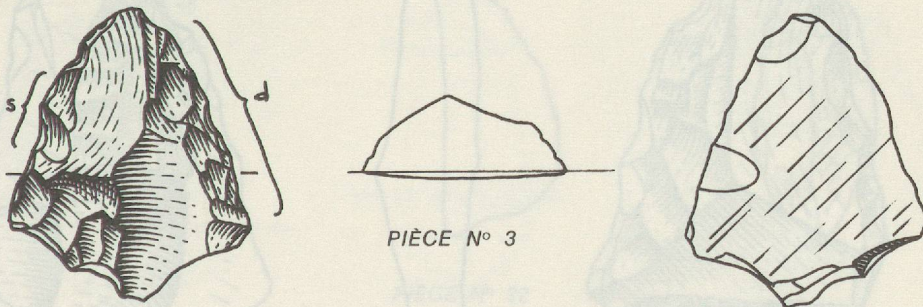


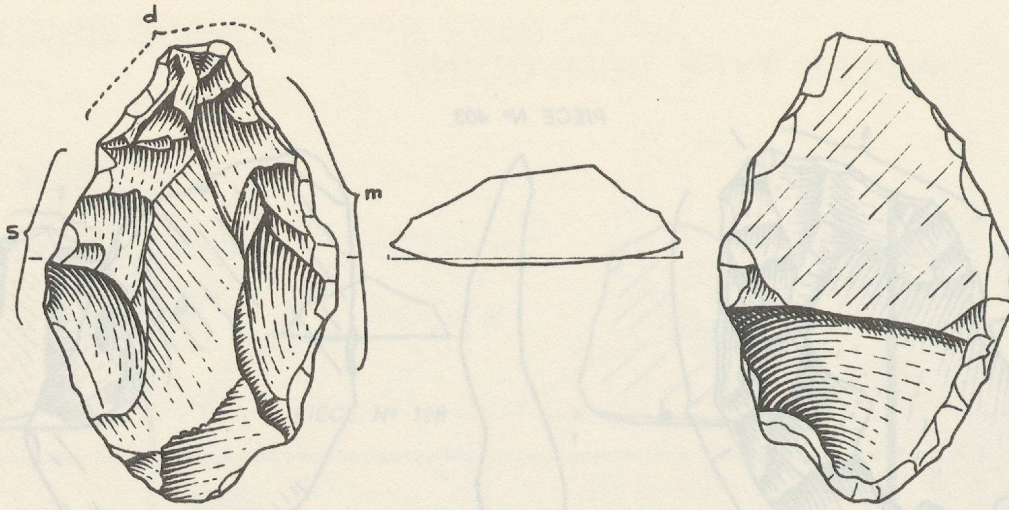
PIÈCE N° 222



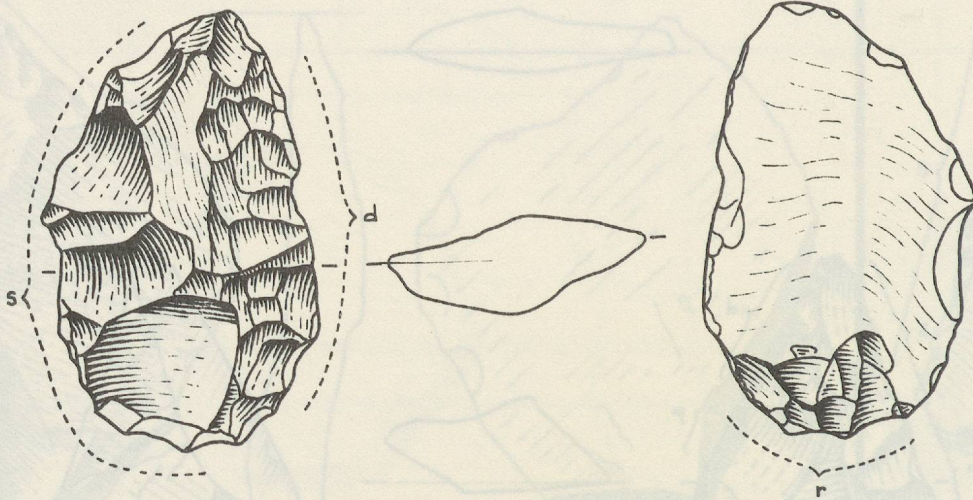
SECTION CONFORME À LA POSITION DE LA PIÈCE DANS LA VUE AVERS

PIÈCE N° 3

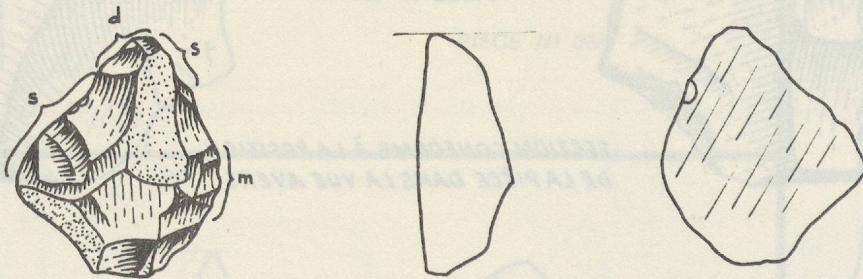




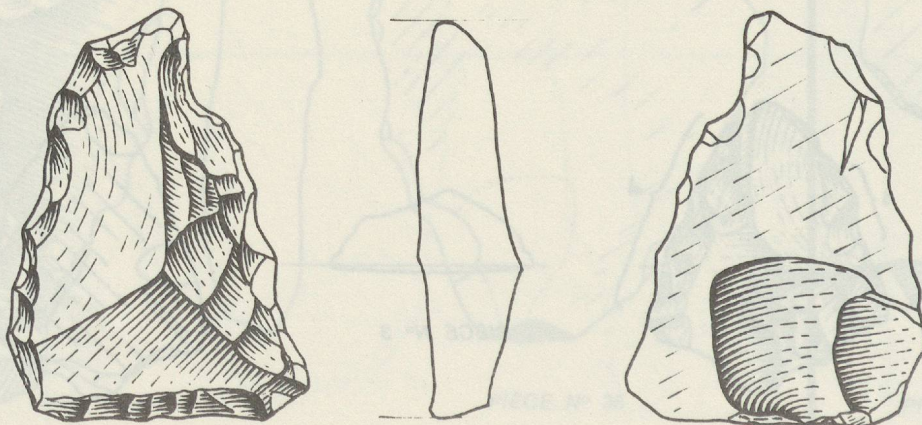
PIÈCE N° 77



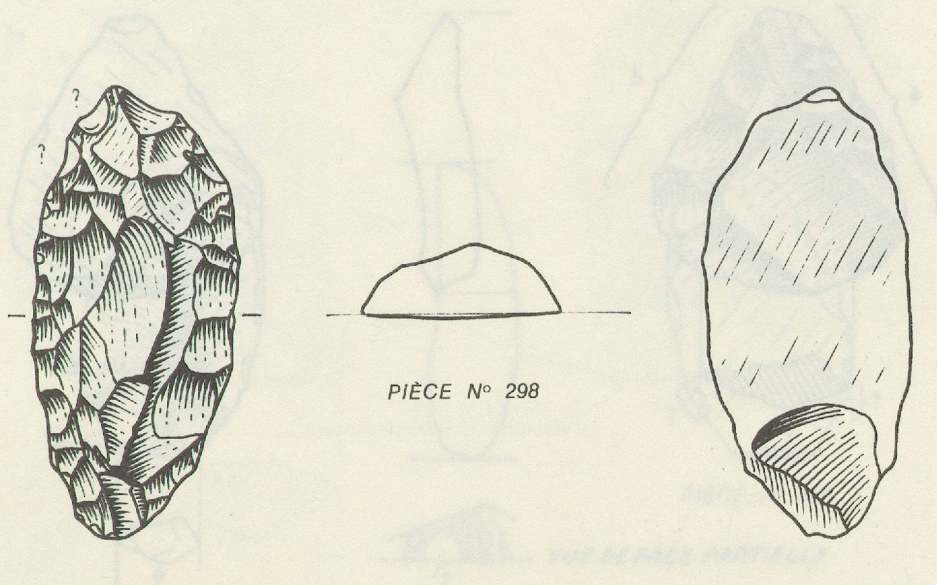
PIÈCE N° 209



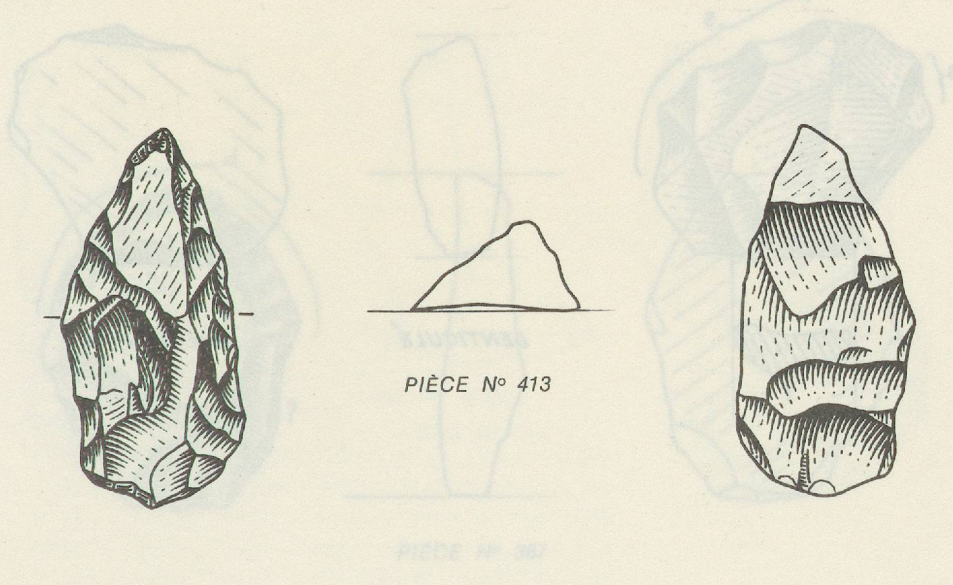
PIÈCE N° 127



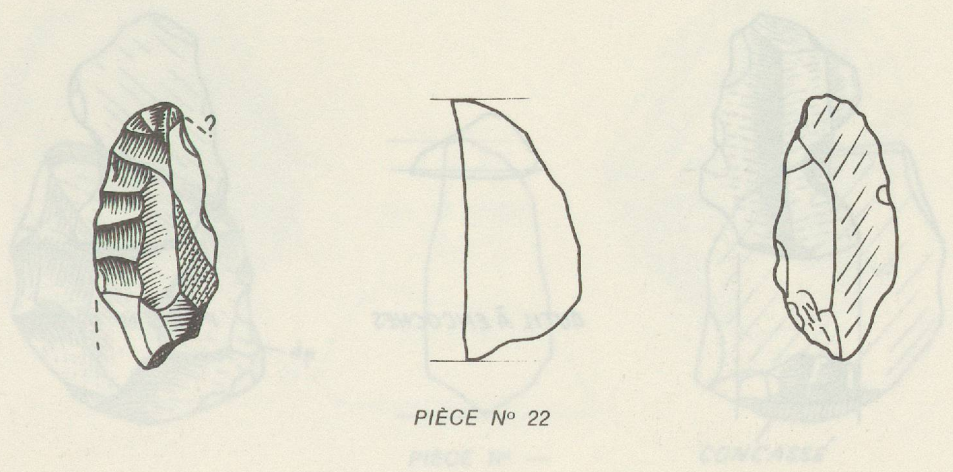
PIÈCE N° 397



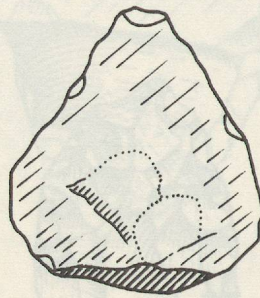
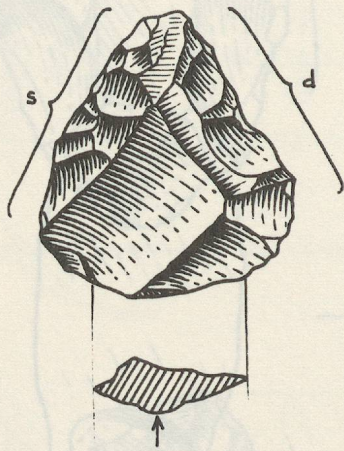
PIÈCE N° 298



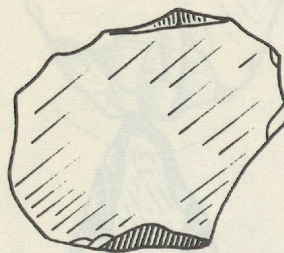
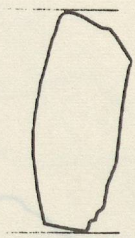
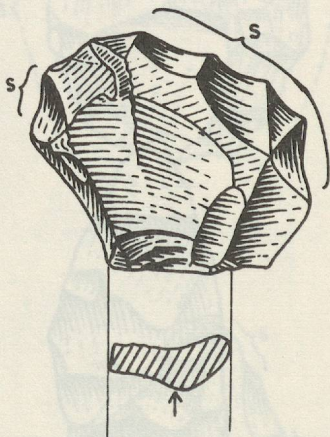
PIÈCE N° 413



PIÈCE N° 22

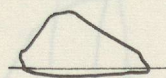
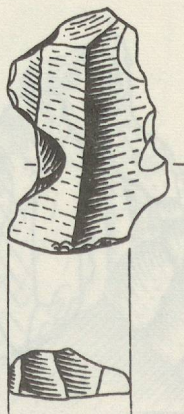


PIÈCE N° 251



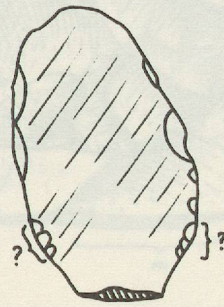
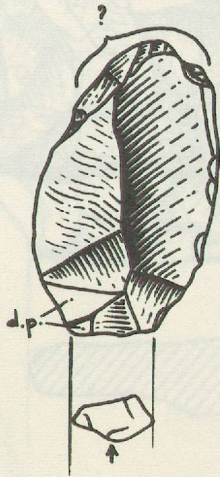
DENTICULÉ

PIÈCE N° 86



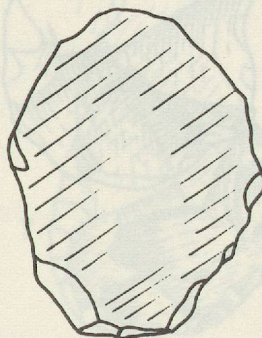
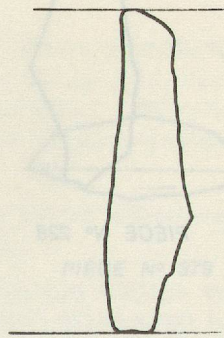
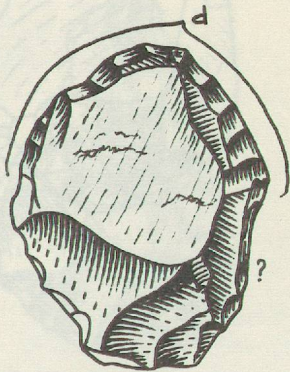
OUTIL À ENCOCHES

PIÈCE N° 92

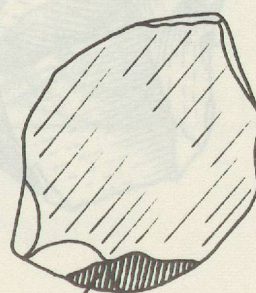
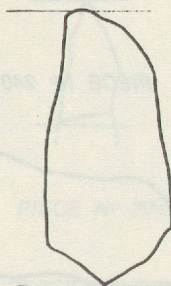
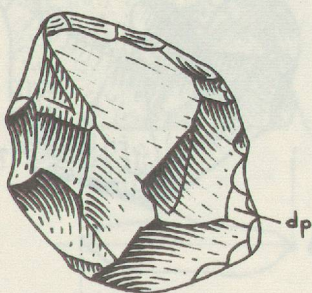


PIÈCE N° 326

VUE DE FACE PARTIELLE



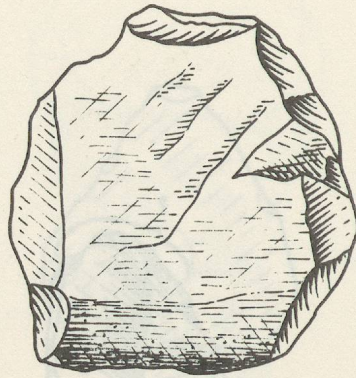
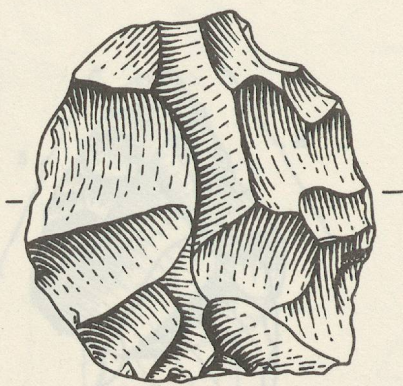
PIÈCE N° 387



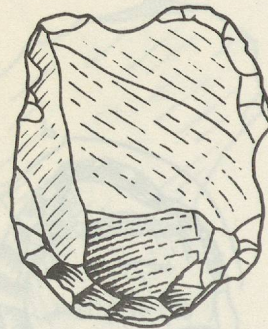
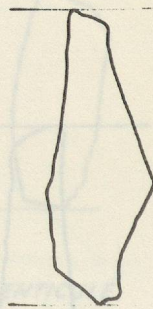
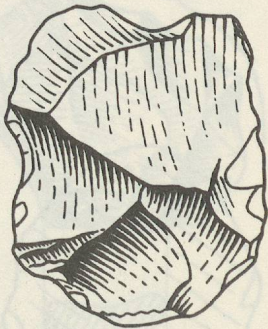
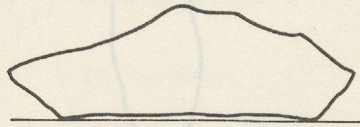
PIÈCE N° —

CONCASÉ

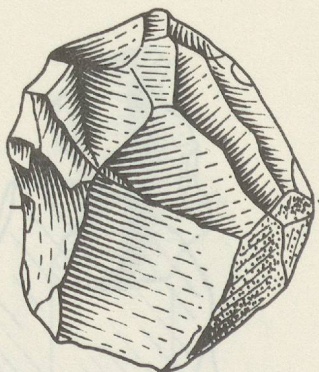




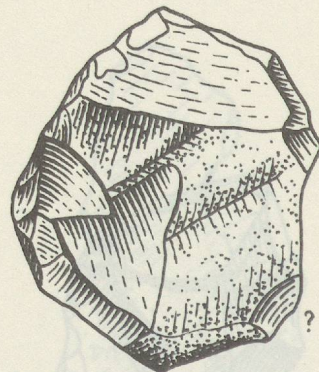
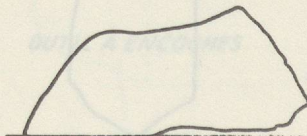
PIÈCE N° 151 (?)

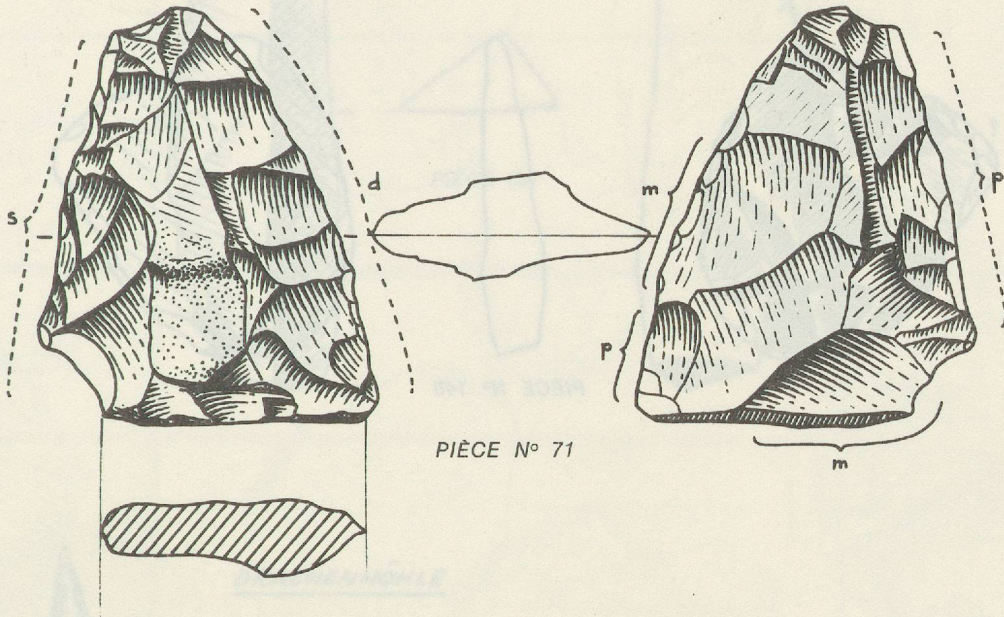


PIÈCE N° 228

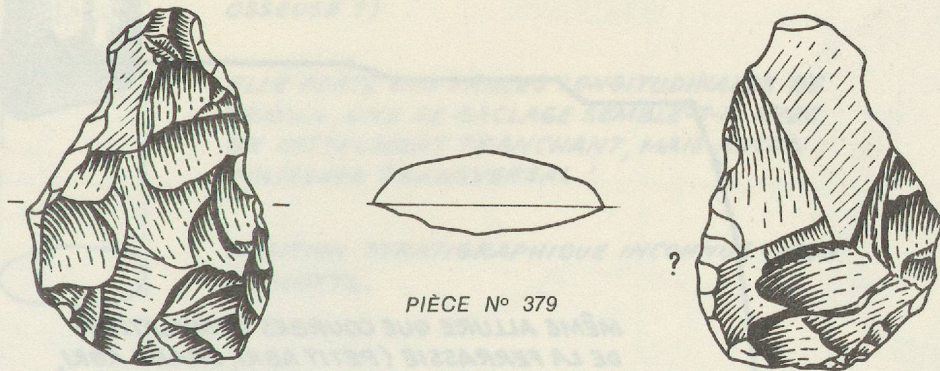


PIÈCE N° 240

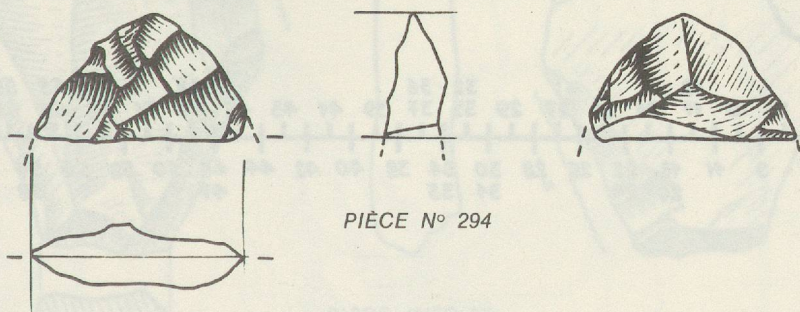




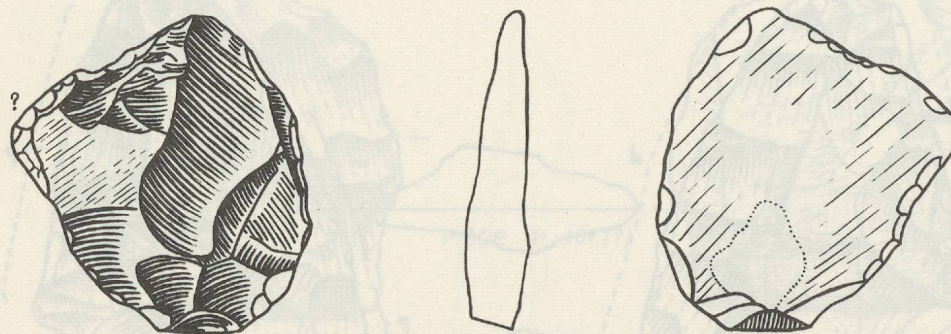
PIÈCE N° 71



PIÈCE N° 379



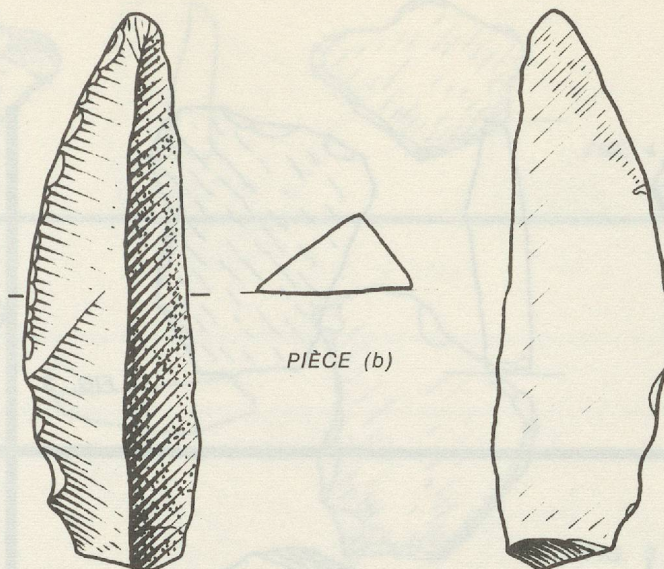
PIÈCE N° 294



PIÈCE N° 148

DIAGRAMME CUMULATIF INDUSTRIE LITHIQUE DE COTENCHER  
(SELON LISTE-TYPE DE BOURGON !)





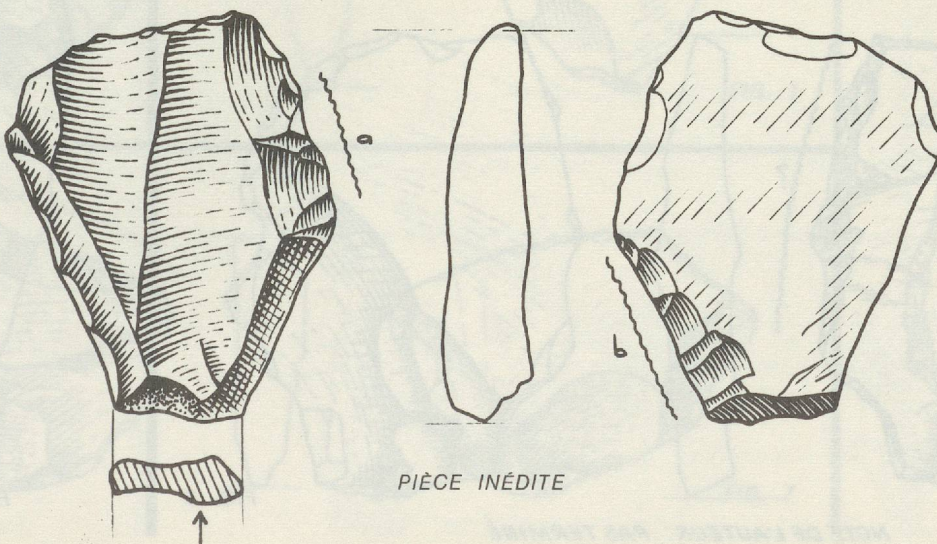
DRACHENHÖHLE

FRAGMENT DE POINTE EN OS, GRANDEUR NATURE.

LE TISSU SPONGIEUX EST VISIBLE SUR L'AUTRE FACE DE LA PIÈCE, MAIS IL EST DIFFICILE DE DÉTERMINER, SINON IMPOSSIBLE, DANS QUEL OS ELLE A ÉTÉ CONFECTIONNÉE (CÔTE, CHEVILLE OSSEUSE ?)

ELLE PORTE DES TRACES LONGITUDINALES DE TRAVAIL, UNE DE RACLAGE SEMBLE-T-IL AVEC UN INSTRUMENT TRANCHANT, MAIS AUCUN POLISSAGE TRANSVERSAL !

POSITION STRATIGRAPHIQUE INCONNUE SELON M. MOTTL.



PIÈCE INÉDITE

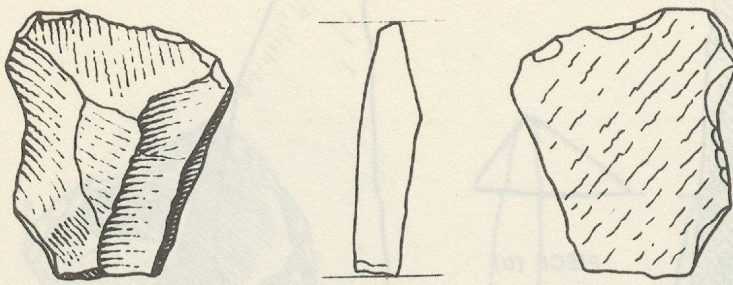


FIG. 3

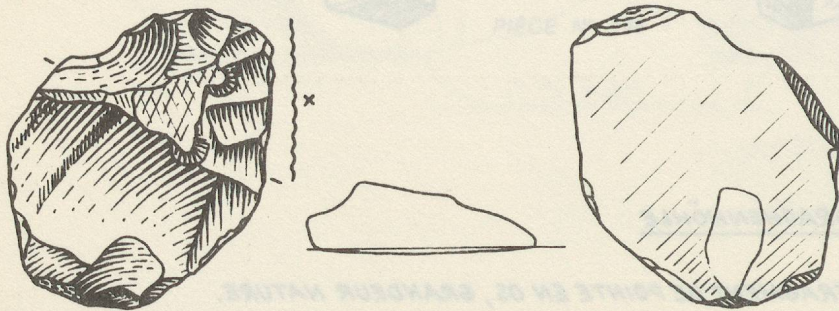


FIG. 4

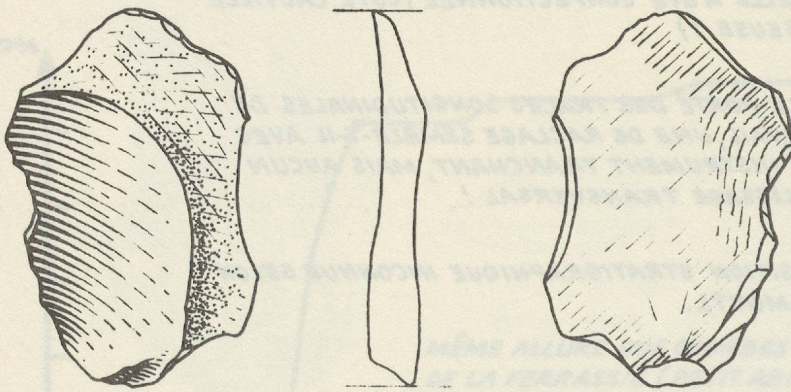


FIG. 2

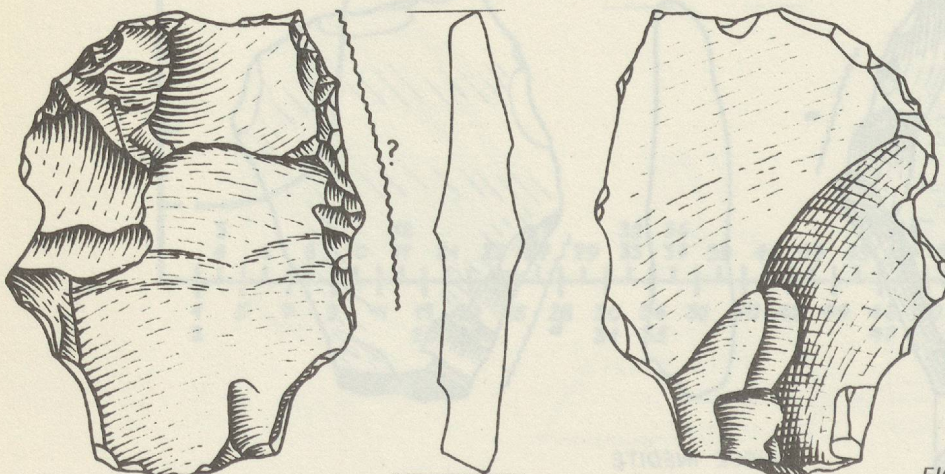


FIG. 5

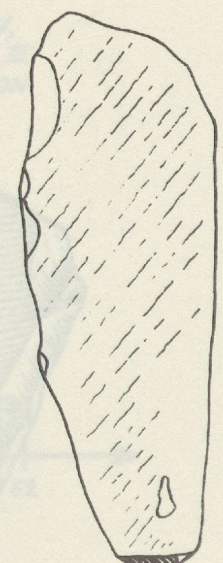
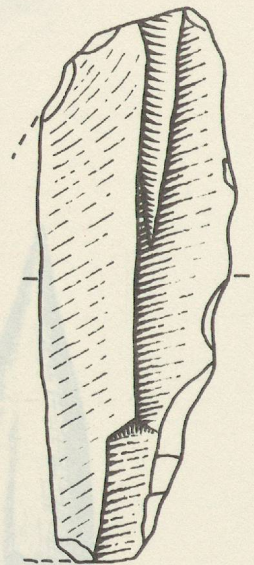


FIG. 1

NOTE DE L'AUTEUR: PAS TERMINÉ

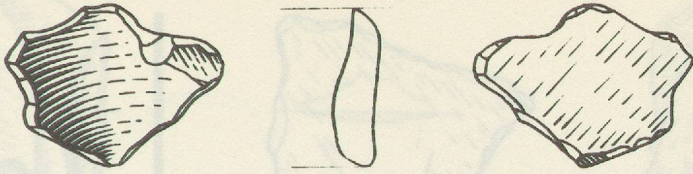


FIG. 4

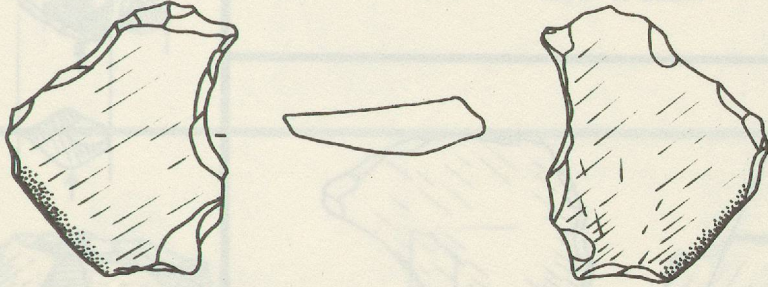


FIG. 3

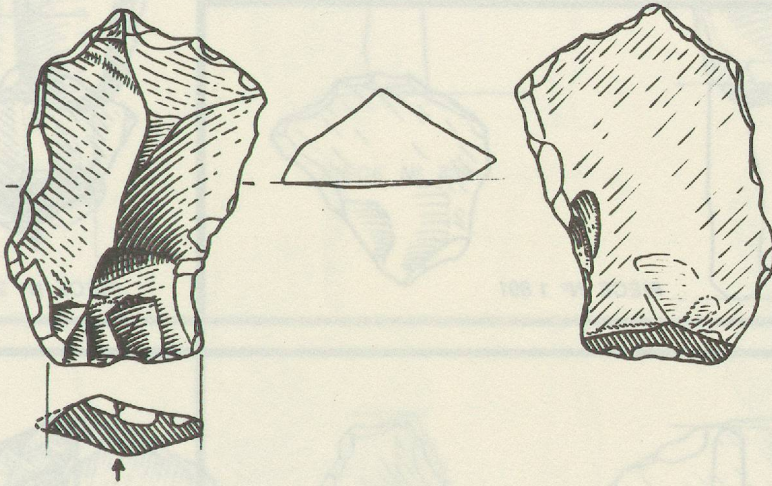


FIG. 2

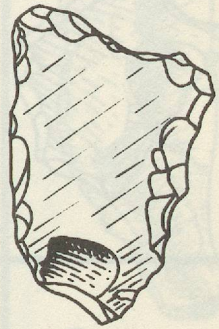
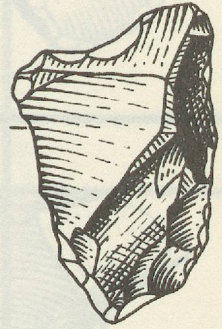


FIG. 5

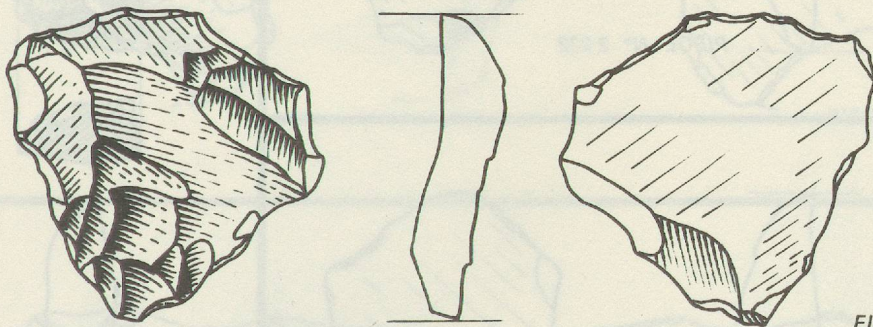


FIG. 1

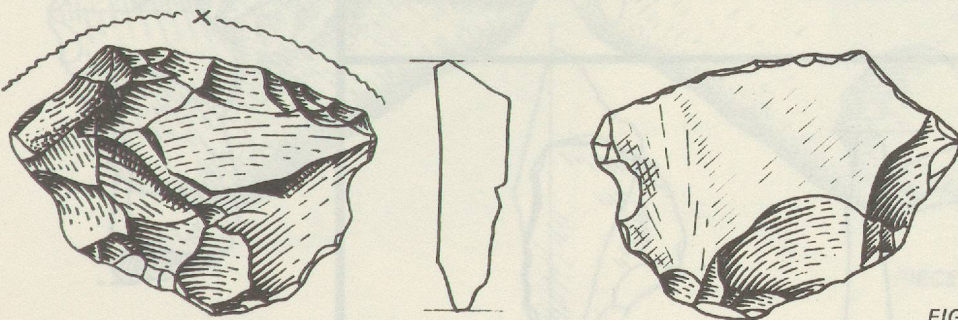
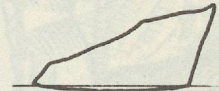
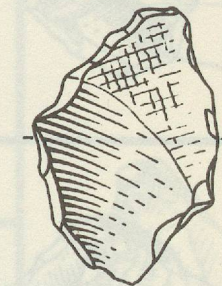


FIG. 7

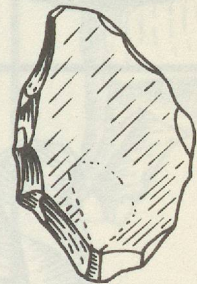
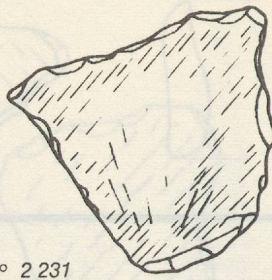
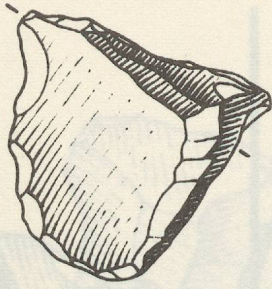
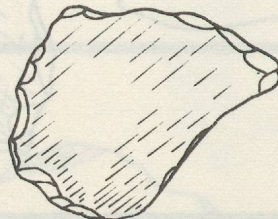
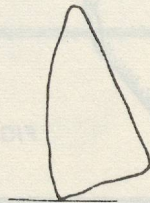
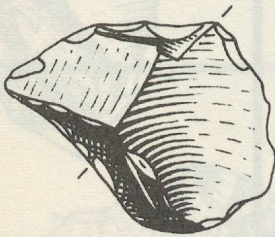


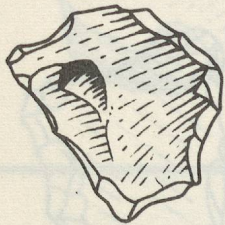
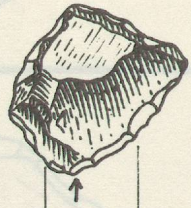
FIG. 6



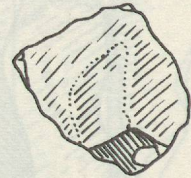
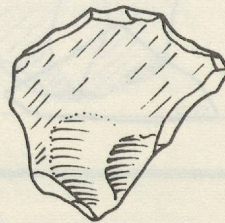
PIÈCE N° 2231



PIÈCE N° 830



PIÈCE N° 1891



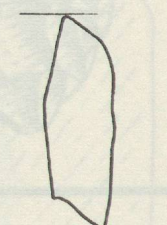
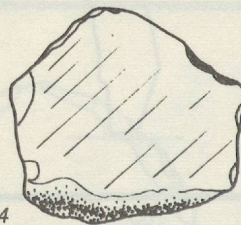
PIÈCE N° 2234



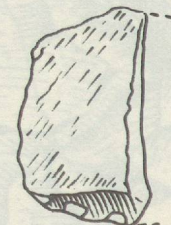
PIÈCE N° 2232



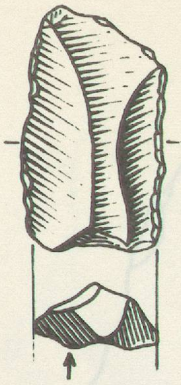
PIÈCE N° 834



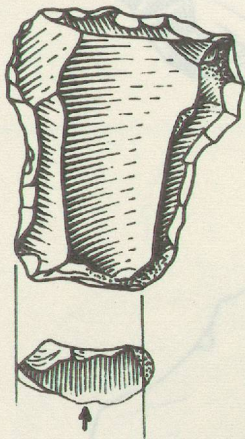
PIÈCE N° 1725



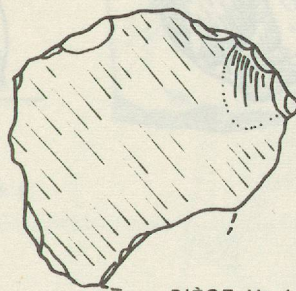
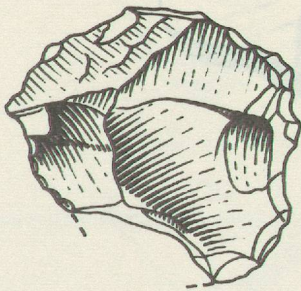
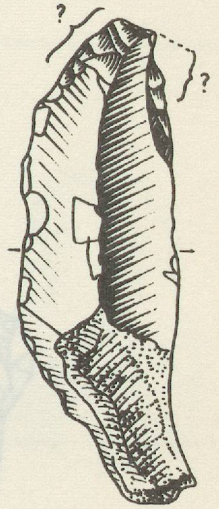
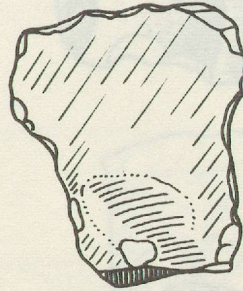
PIÈCE N° —



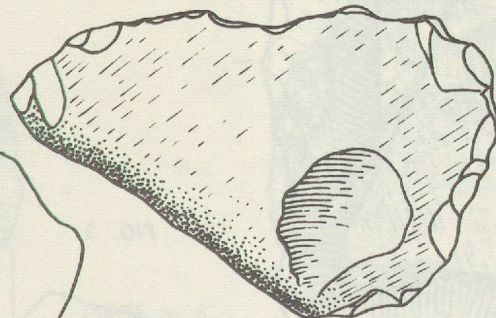
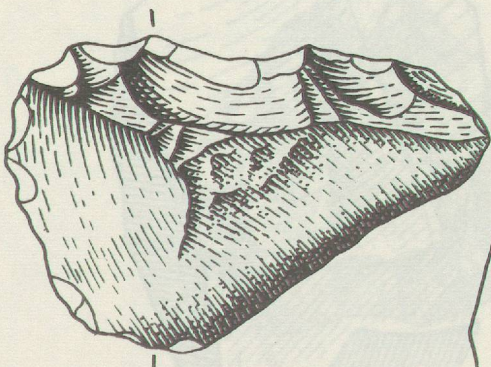
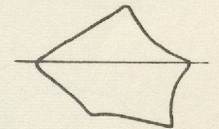
PIÈCE N° 833



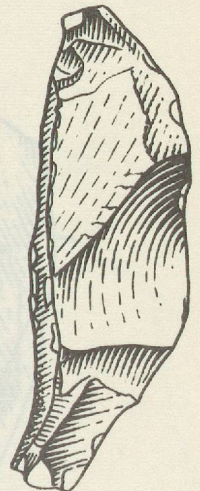
PIÈCE N° 832



PIÈCE N° 1890



PIÈCE N° 1484



PIÈCE N° 831



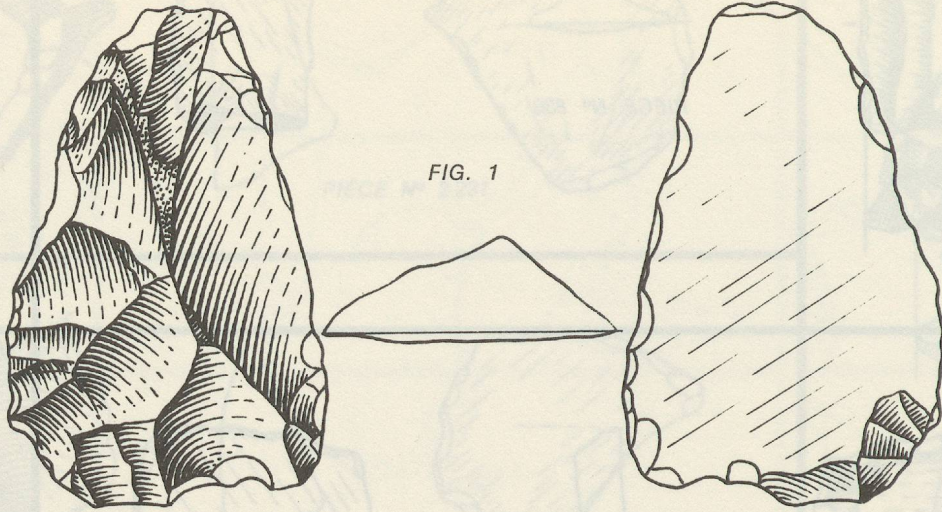


FIG. 1

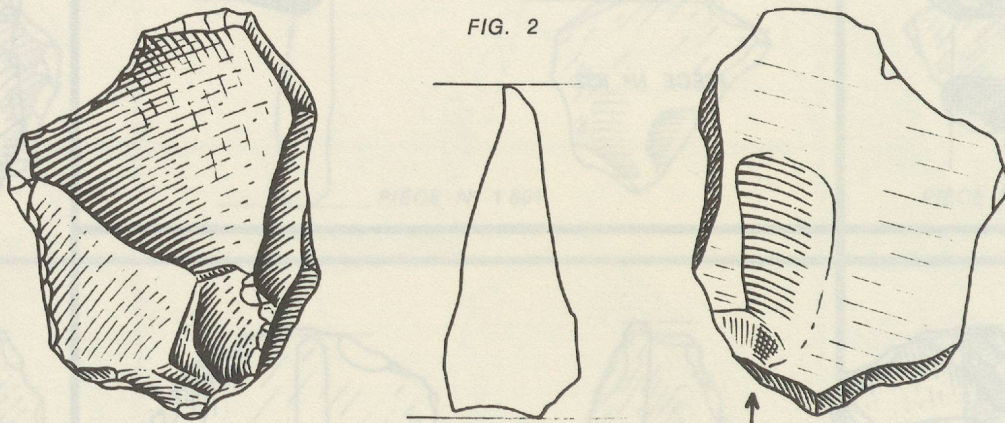


FIG. 2

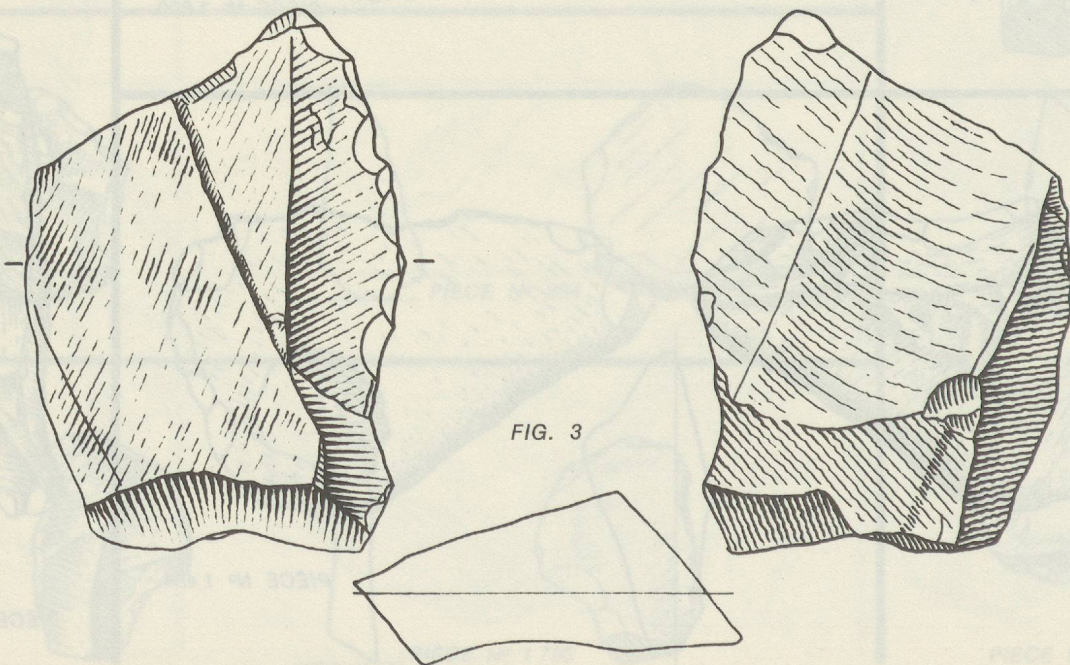
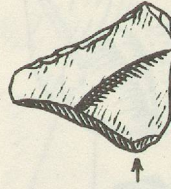
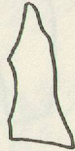
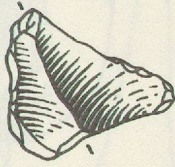
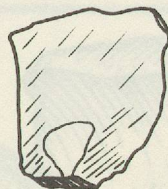
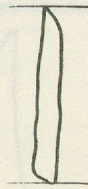
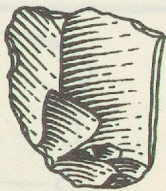


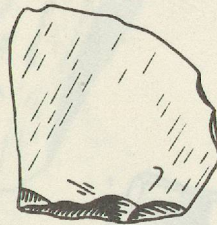
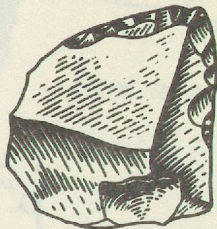
FIG. 3



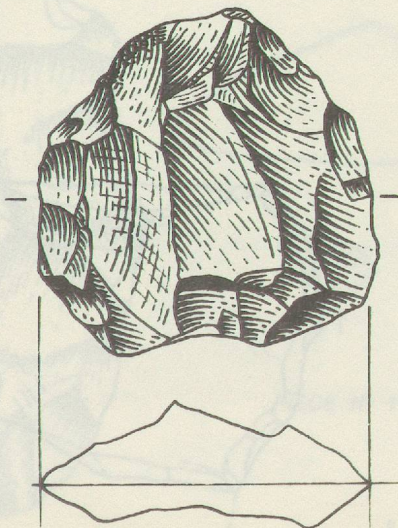
PIÈCE N° 13



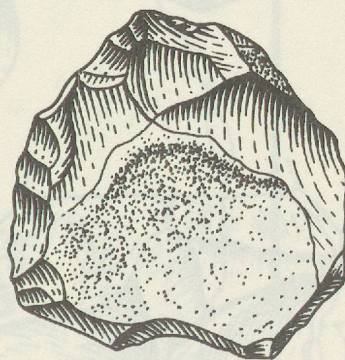
PIÈCE N° 1

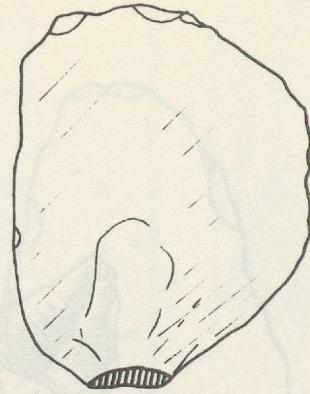
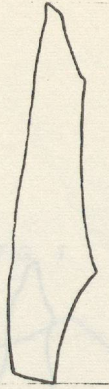
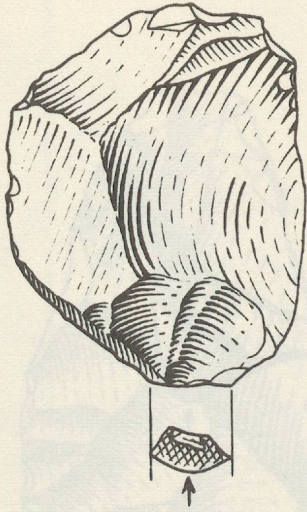


PIÈCE N° 9

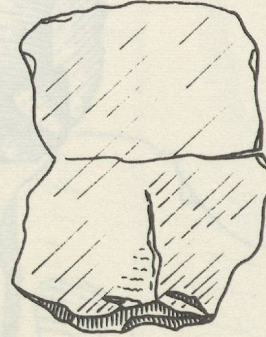
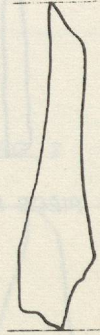
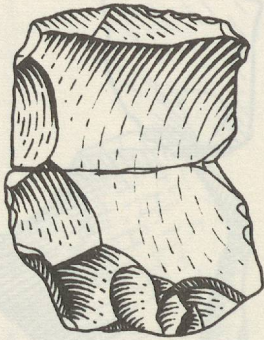


PIÈCE N° 8

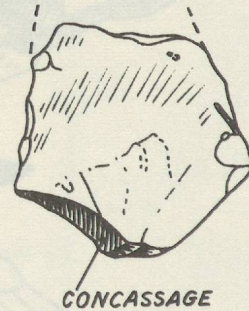
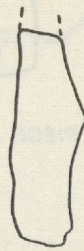
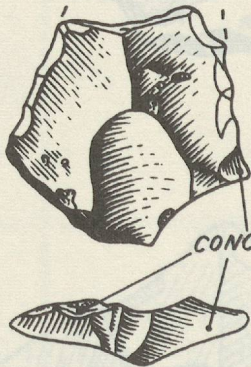




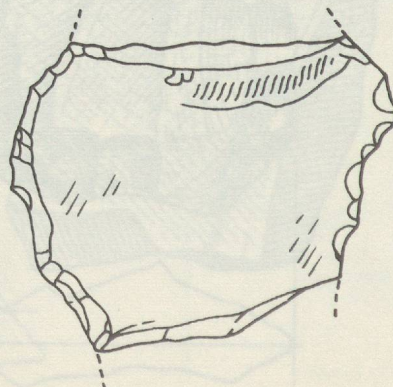
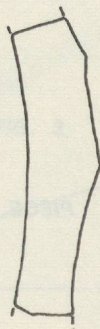
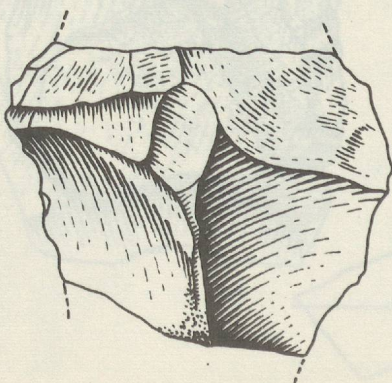
PIÈCE N° 8 (Besançon)



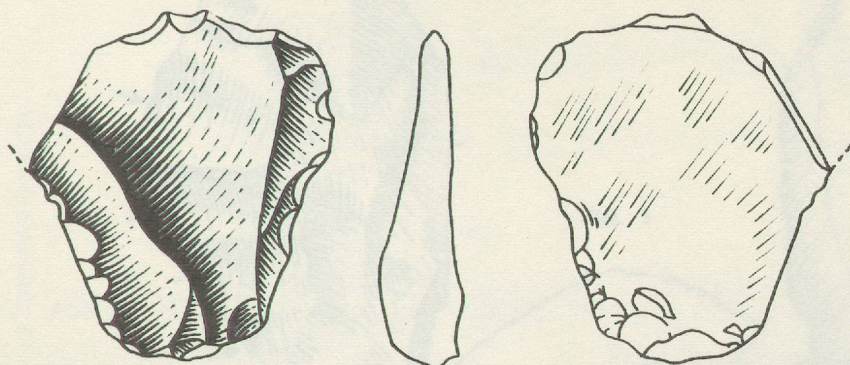
PIÈCE N° 10 (Besançon)



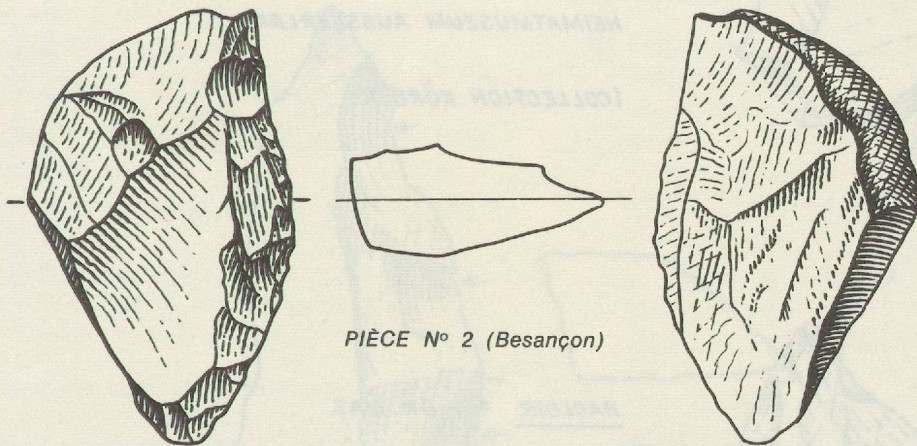
PIÈCE N° 2



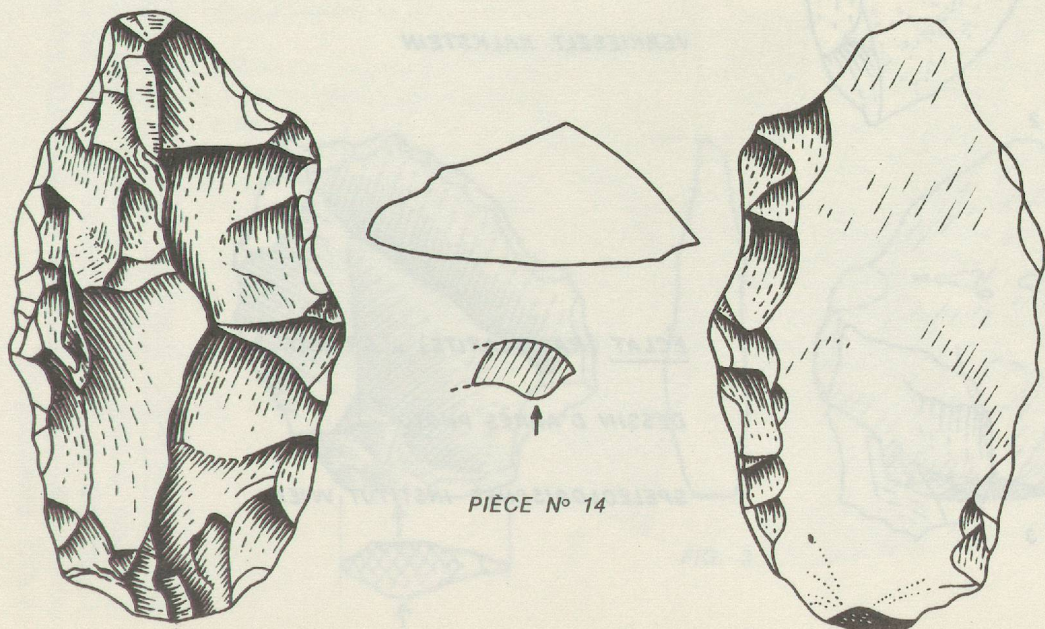
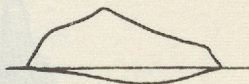
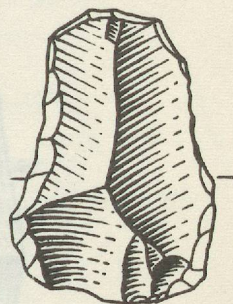
PIÈCE N° 3



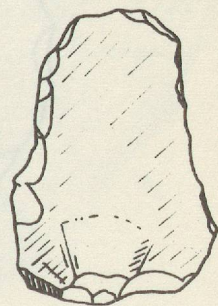
PIÈCE N° 6



PIÈCE N° 2 (Besançon)



PIÈCE N° 14



PIÈCE N° 5 (Besançon)



FIG. 1

NUCLÉUS SELON ZOTZ

DESSIN SELON PHOTO  $\sim$  GR. NAT.

BAD - AUSSEE

HEIMATMUSEUM AUSSEERLAND

(COLLECTION KÖRBER)



FIG. 2

RACLOIR  $\frac{5}{4}$  GR. NAT.

DESSIN D'APRÈS PHOTO

HEIMATMUSEUM AUSSEERLAND

(COLLECTION KÖRBER)

VERKIESELT. KALKSTEIN

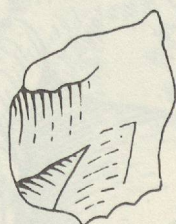


FIG. 3

ÉCLAT (RADIOLARITE)  $\sim$  GR. NAT.

DESSIN D'APRÈS PHOTO

SPELEOLOGISCHES INSTITUT WIEN

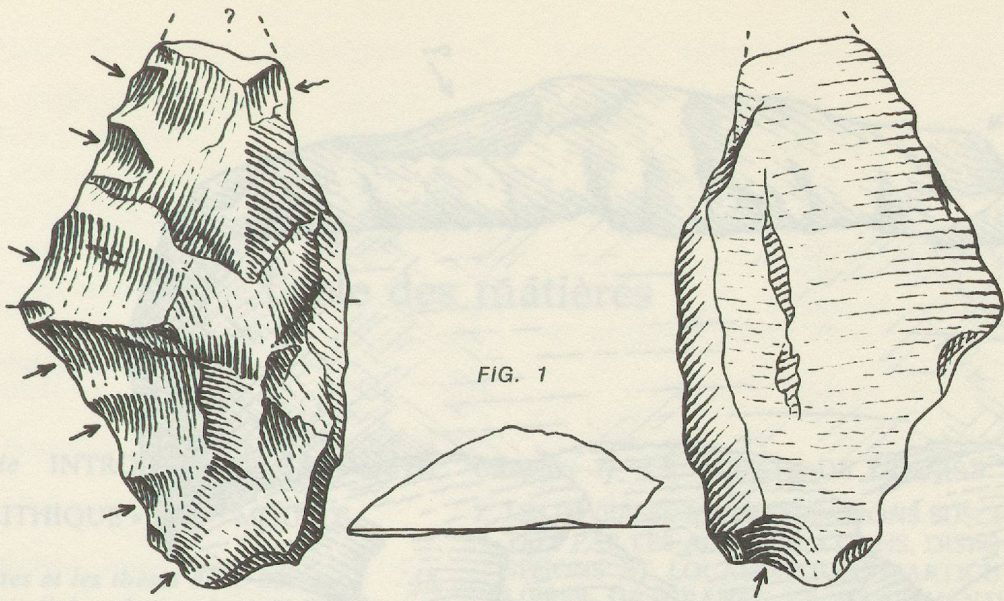


FIG. 1

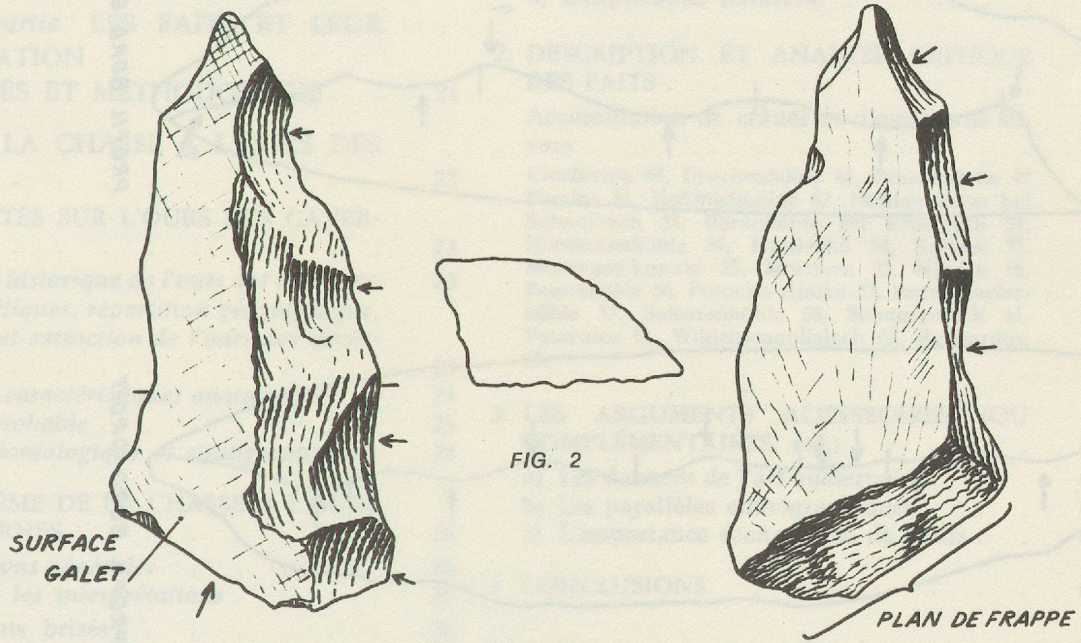


FIG. 2

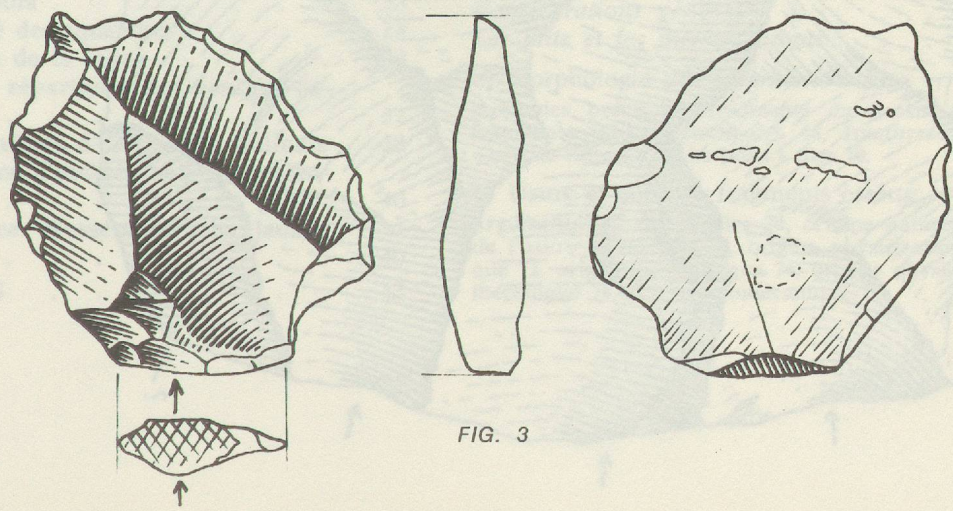
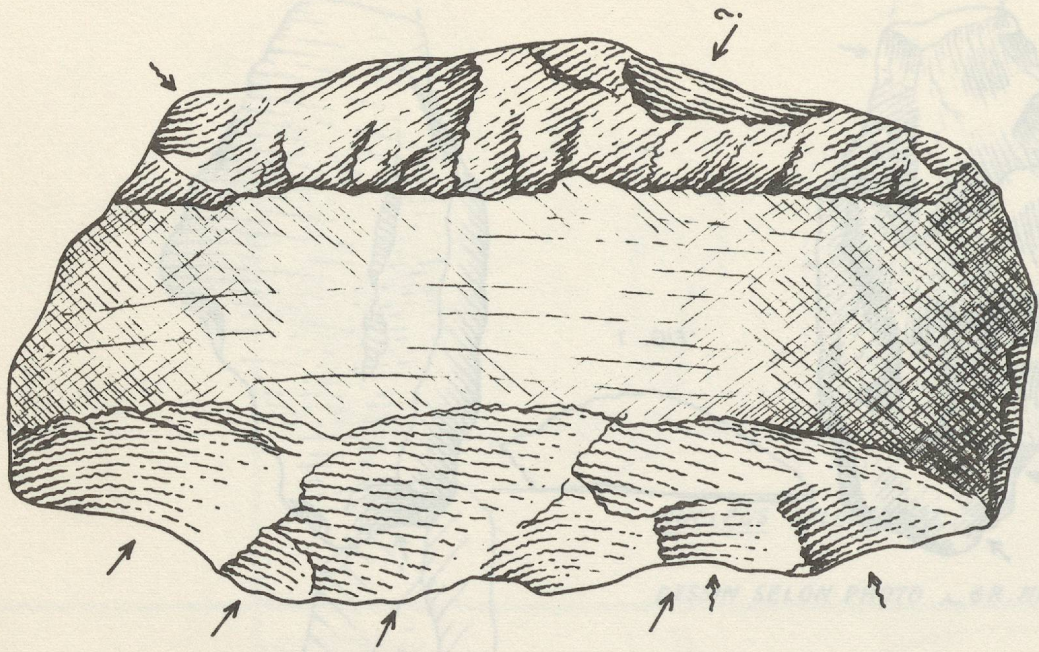
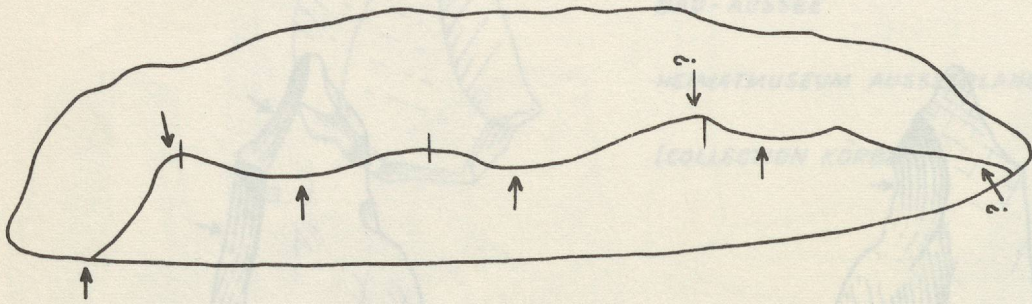


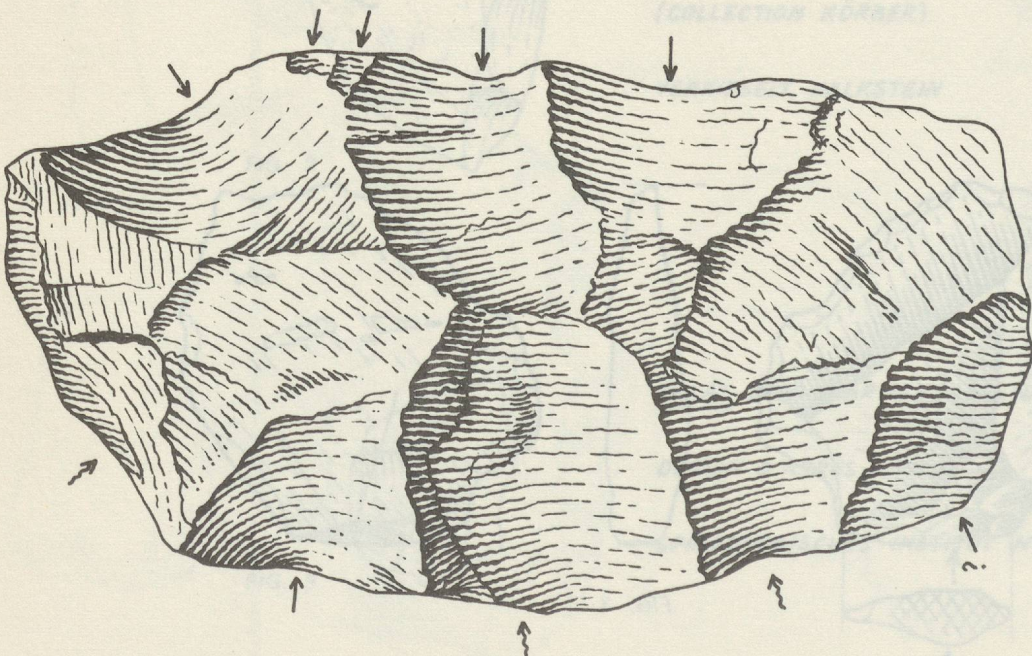
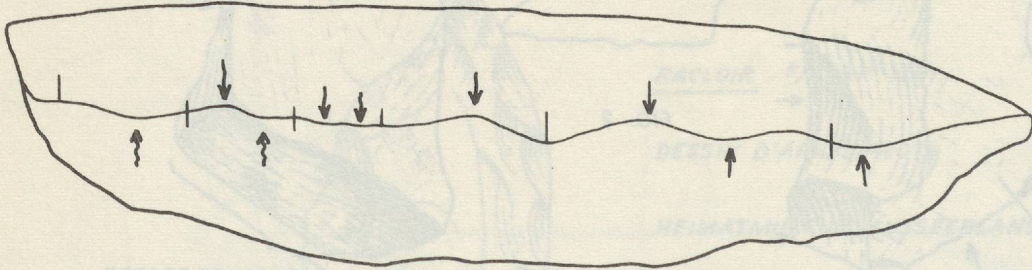
FIG. 3



PROFIL BORD GAUCHE



PROFIL BORD DROIT



GROS INSTRUMENT TROUVÉ DANS LA KUGELSTEINHÖHLE II  
 IL S'AGIT D'UNE SORTE DE BIFACE TAILLÉ DANS UN GROS  
 GALET DE QUARTZITE. SUR LE DESSIN DE DROITE, ON VOIT  
 QU'UNE BONNE PARTIE DE LA SURFACE PRIMITIVE DU GALET  
 A ÉTÉ CONCASSÉE

- LES FLÈCHES MARQUENT LES ENLÈVEMENTS DISTINGUABLES !  
 - ASPECT TRÈS FRAIS  
 - ARRÊTES POUR AINSI DIRE INTACTES  
 - CONCASSAGE O