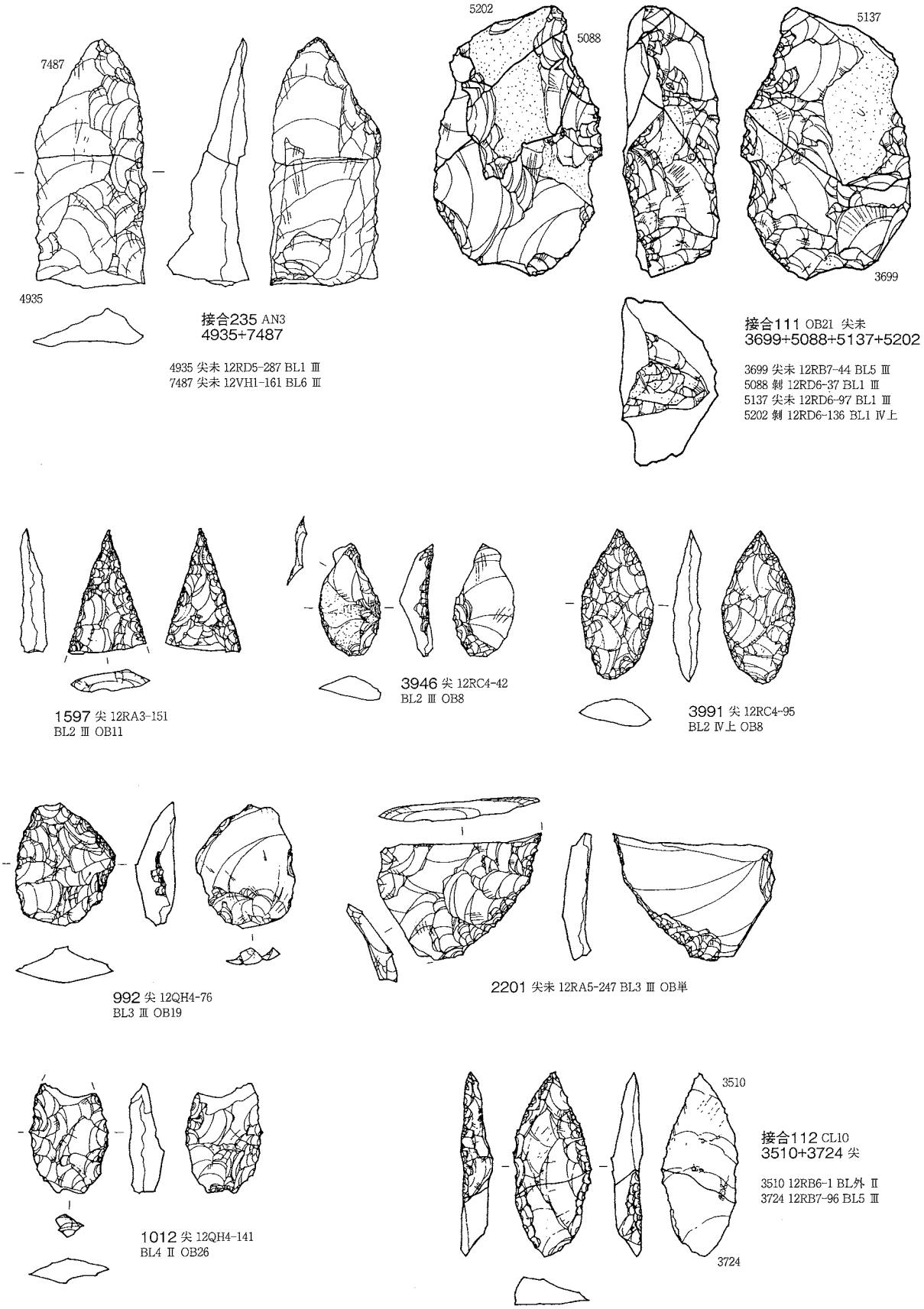
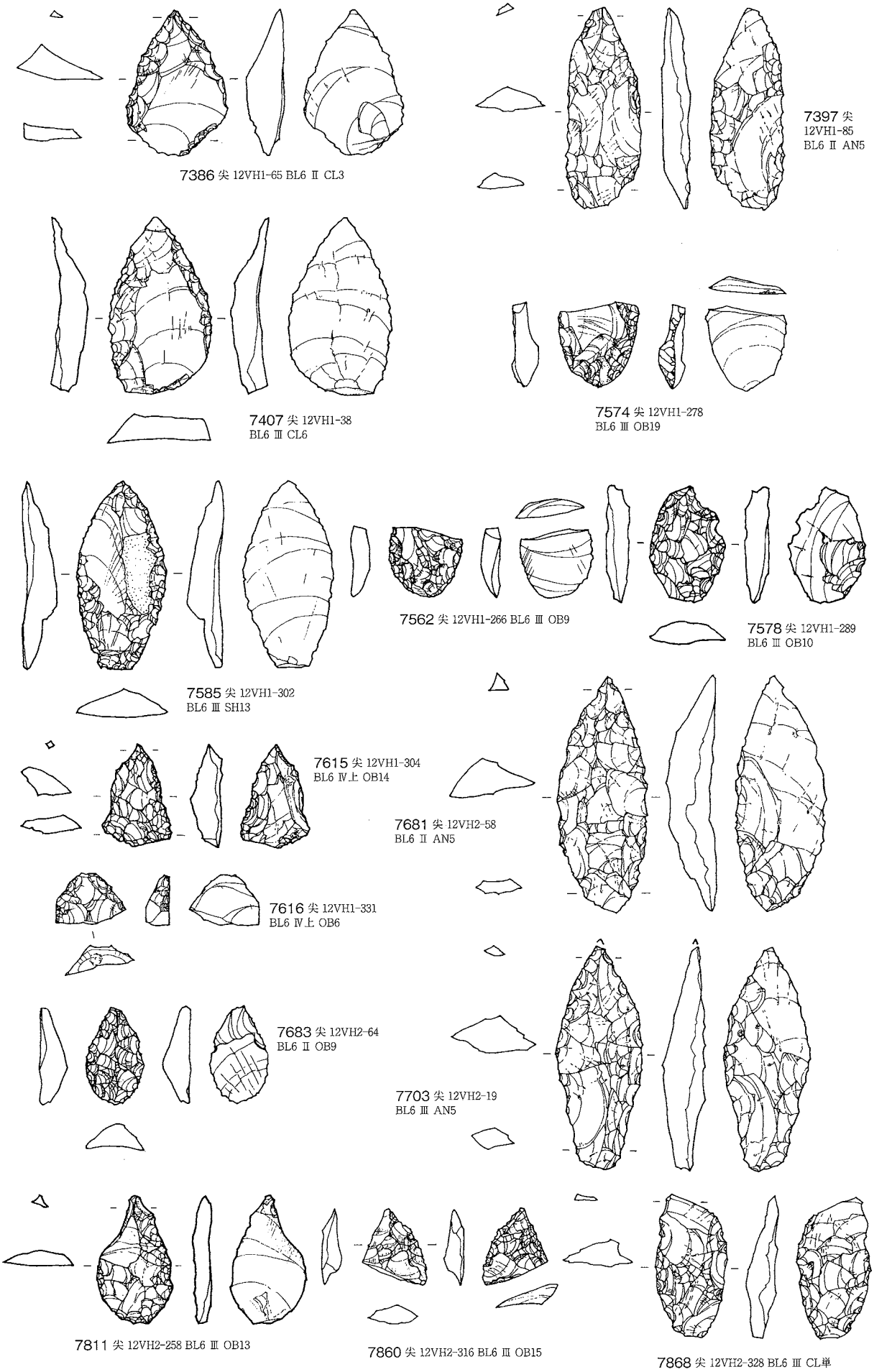
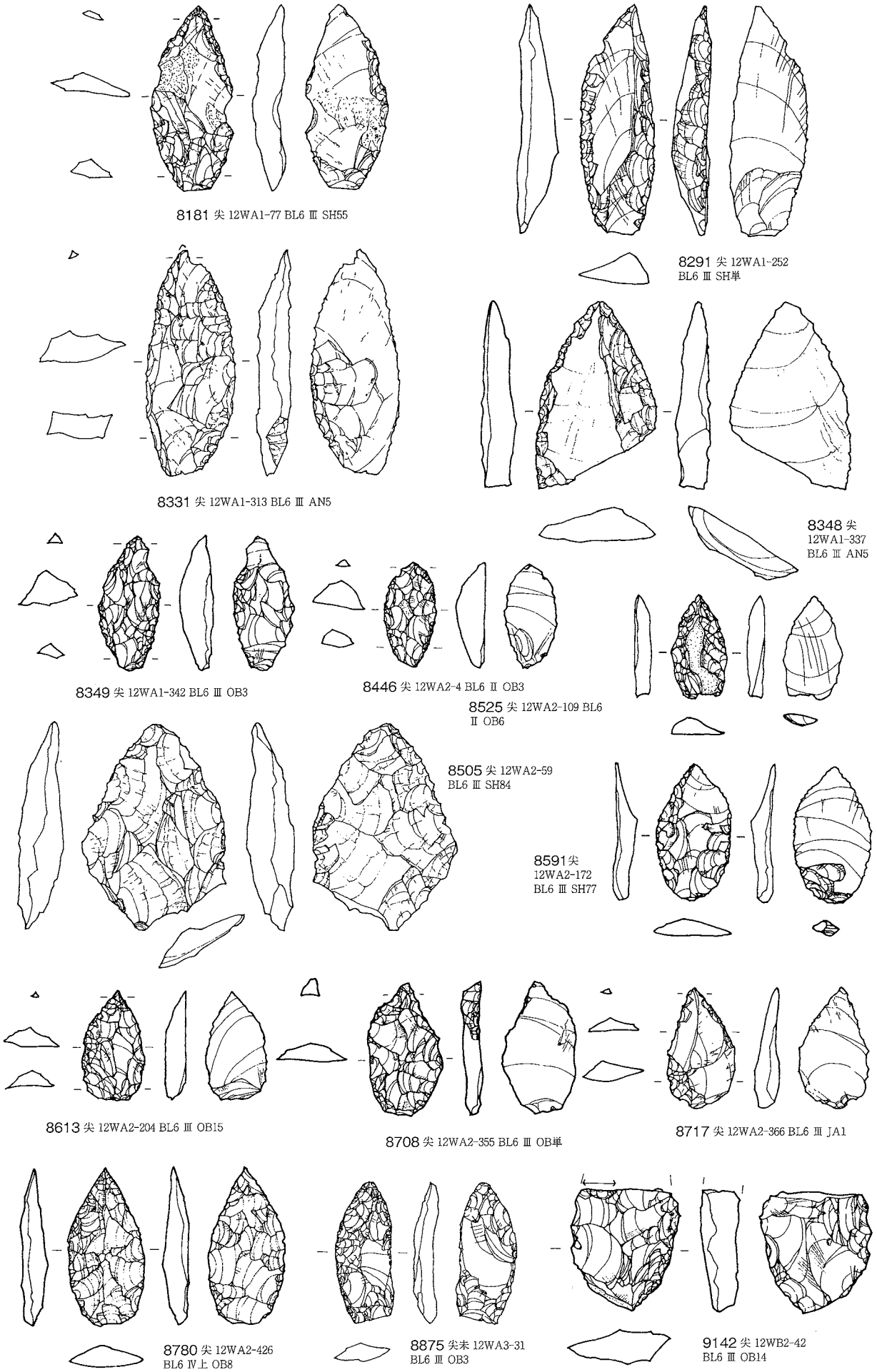


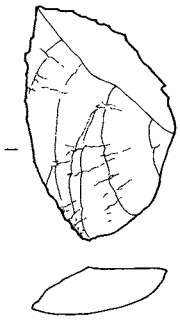
石器図版87　上ノ原ⅣA石器群（2）（7：10）



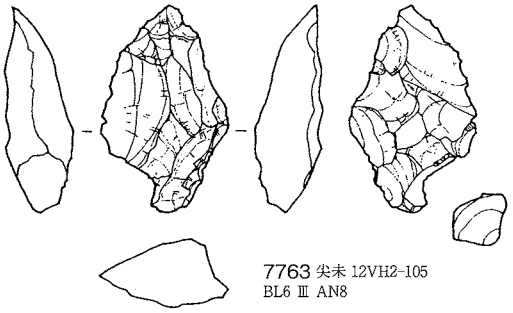
石器図版88　上ノ原ⅣA石器群（3）（7：10）



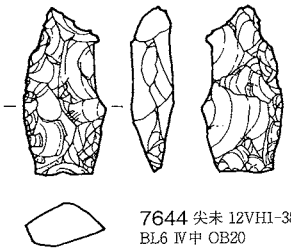
石器図版89　上ノ原ⅣA石器群（4）（7：10）



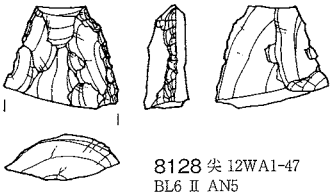
7561 尖未 12VH1-265
BL6 Ⅲ AN8



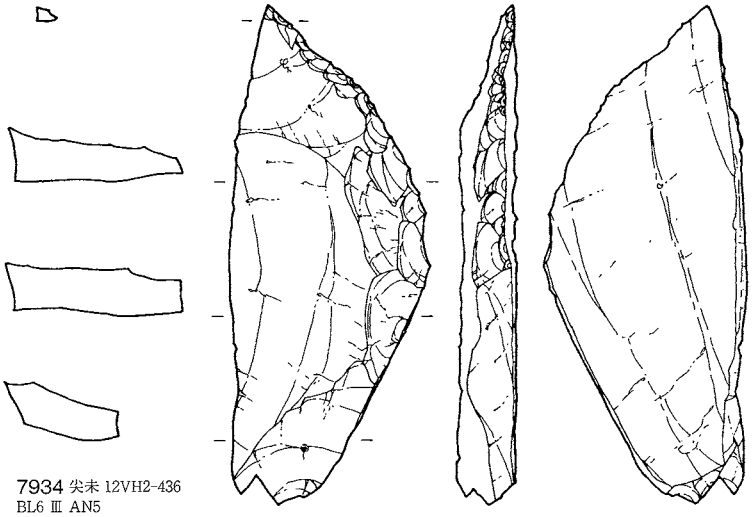
7763 尖未 12VH2-105
BL6 Ⅲ AN8



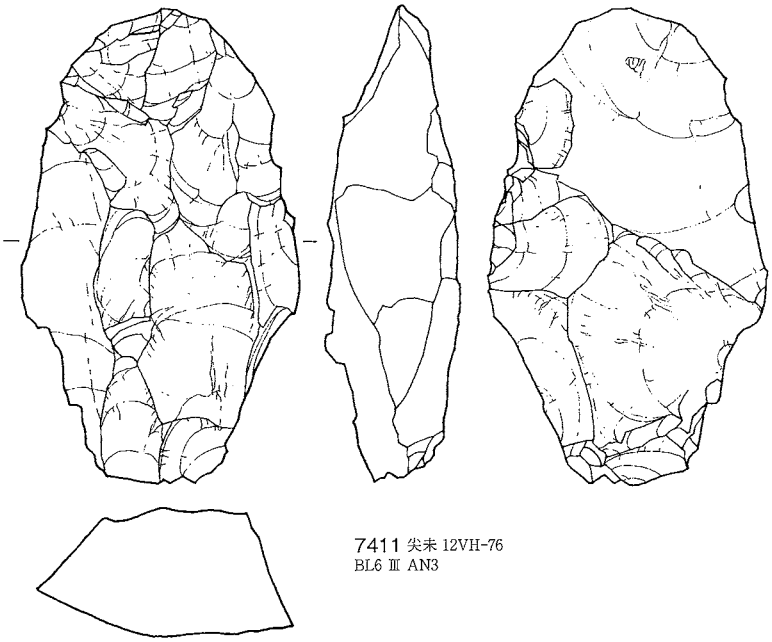
7644 尖未 12VH1-382
BL6 Ⅳ中 OB20



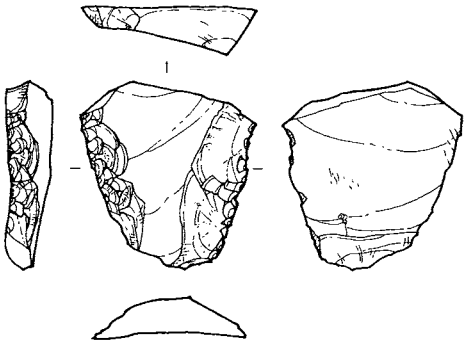
8128 尖 12WA1-47
BL6 Ⅱ AN5



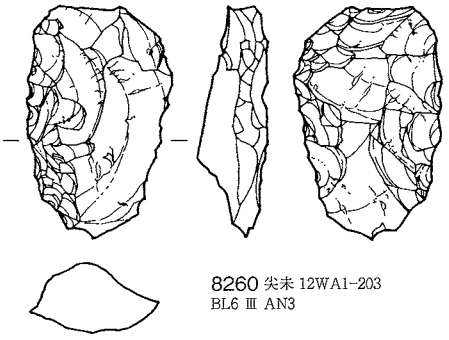
7934 尖未 12VH2-436
BL6 Ⅲ AN5



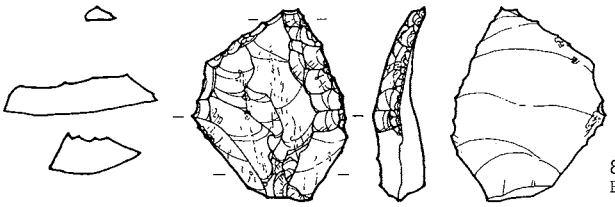
7411 尖未 12VH-76
BL6 Ⅲ AN3



7815 尖未 12VH2-262
BL6 Ⅲ SH8 接合247

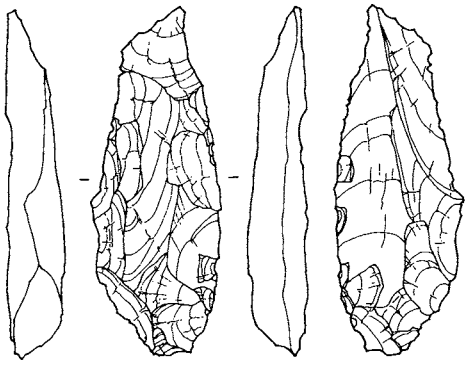


8260 尖未 12WA1-203
BL6 Ⅲ AN3

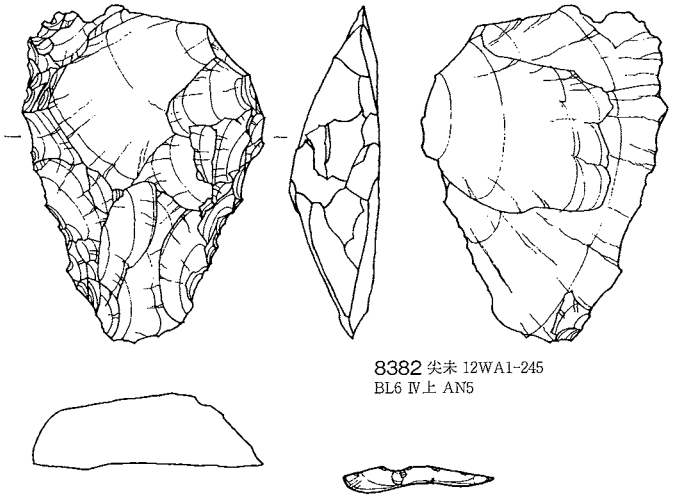


8258 尖未 12WA1-201
BL6 Ⅲ SH87 接合250

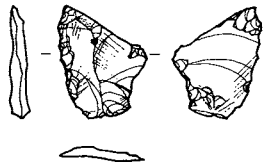
石器図版90　上ノ原ⅣA石器群（5）（7：10）



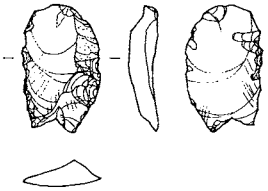
8184 尖未 12WA1-80
BL6 Ⅲ AN5



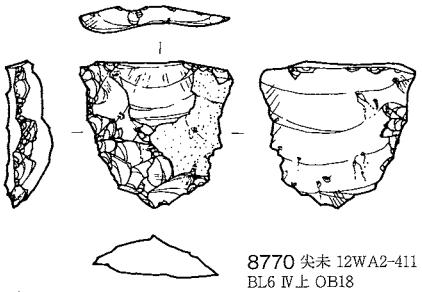
8382 尖未 12WA1-245
BL6 Ⅳ上 AN5



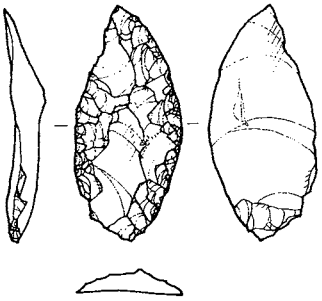
8397 尖未 12WA1-351 BL6 Ⅳ上 OB14



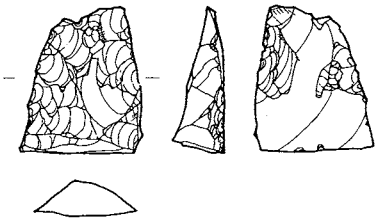
8403 尖未 12WA1-365
BL6 Ⅳ上 OB17



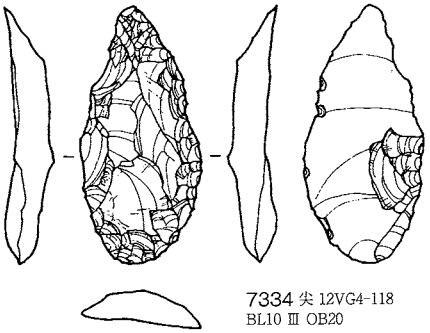
8770 尖未 12WA2-411
BL6 Ⅳ上 OB18



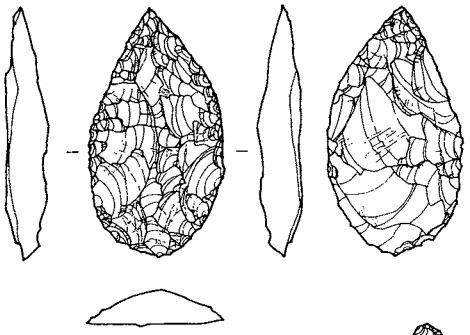
6746 尖
12VE3-66
BL9 Ⅱ OB15



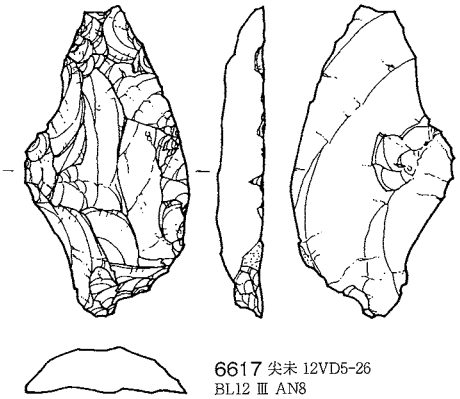
7051 尖 12VF5-14
BL10 Ⅲ OB24



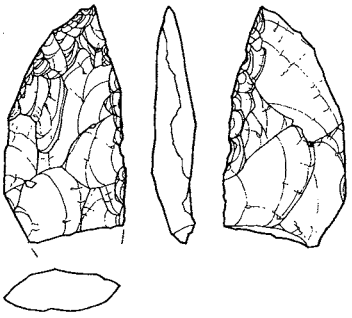
7334 尖 12VG4-118
BL10 Ⅲ OB20



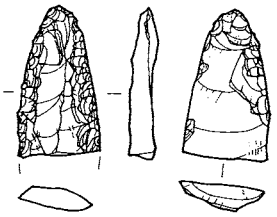
7361 尖 12VG5-14
BL10 Ⅳ上 OB19



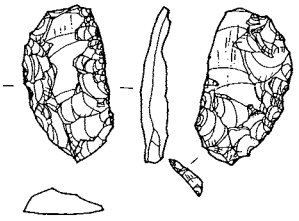
6617 尖未 12VD5-26
BL12 Ⅲ AN8



5963 尖 12UG5-15
BL14 Ⅲ AN5

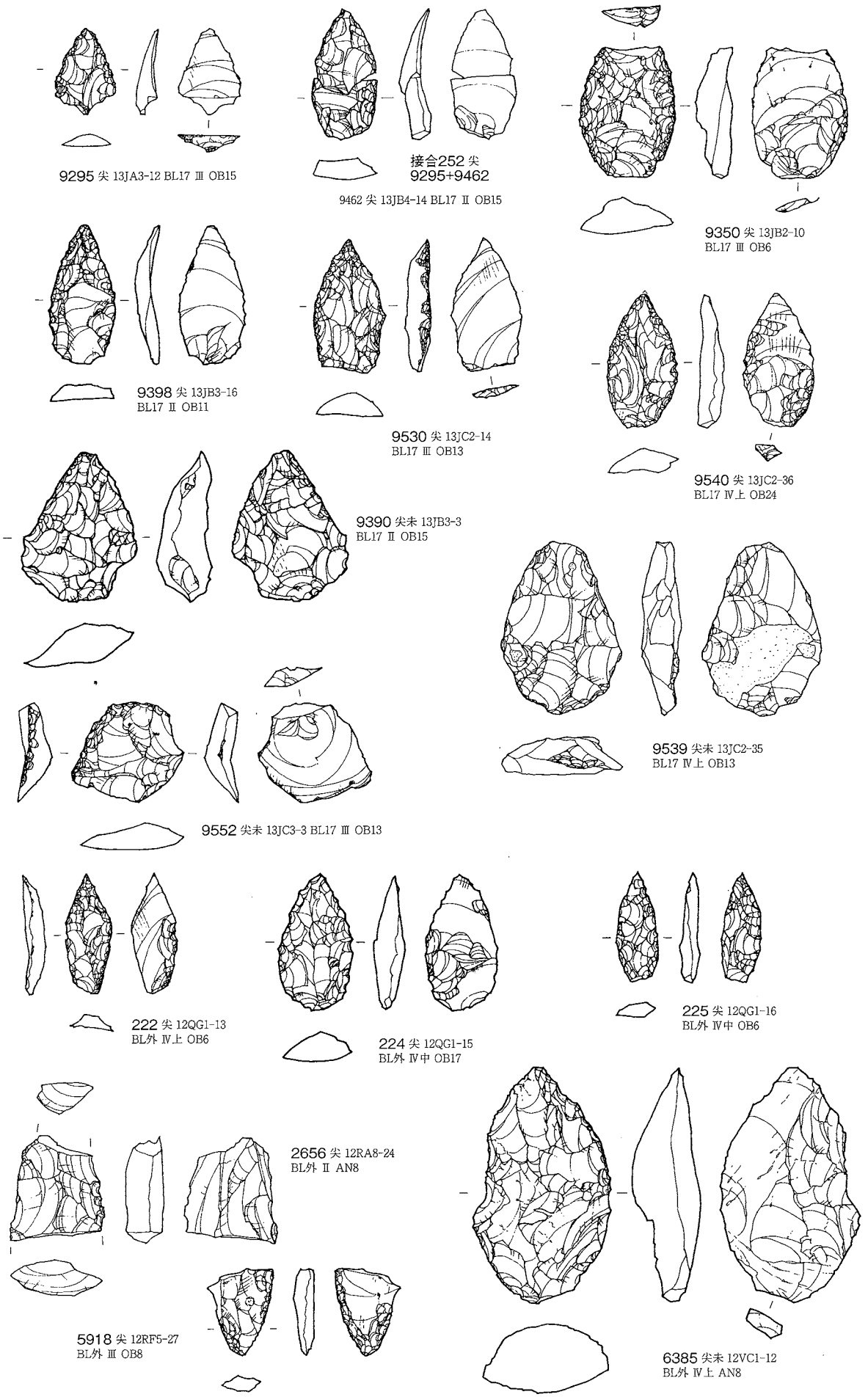


9313 尖 13JB1-2 BL16 Ⅳ中 SH単

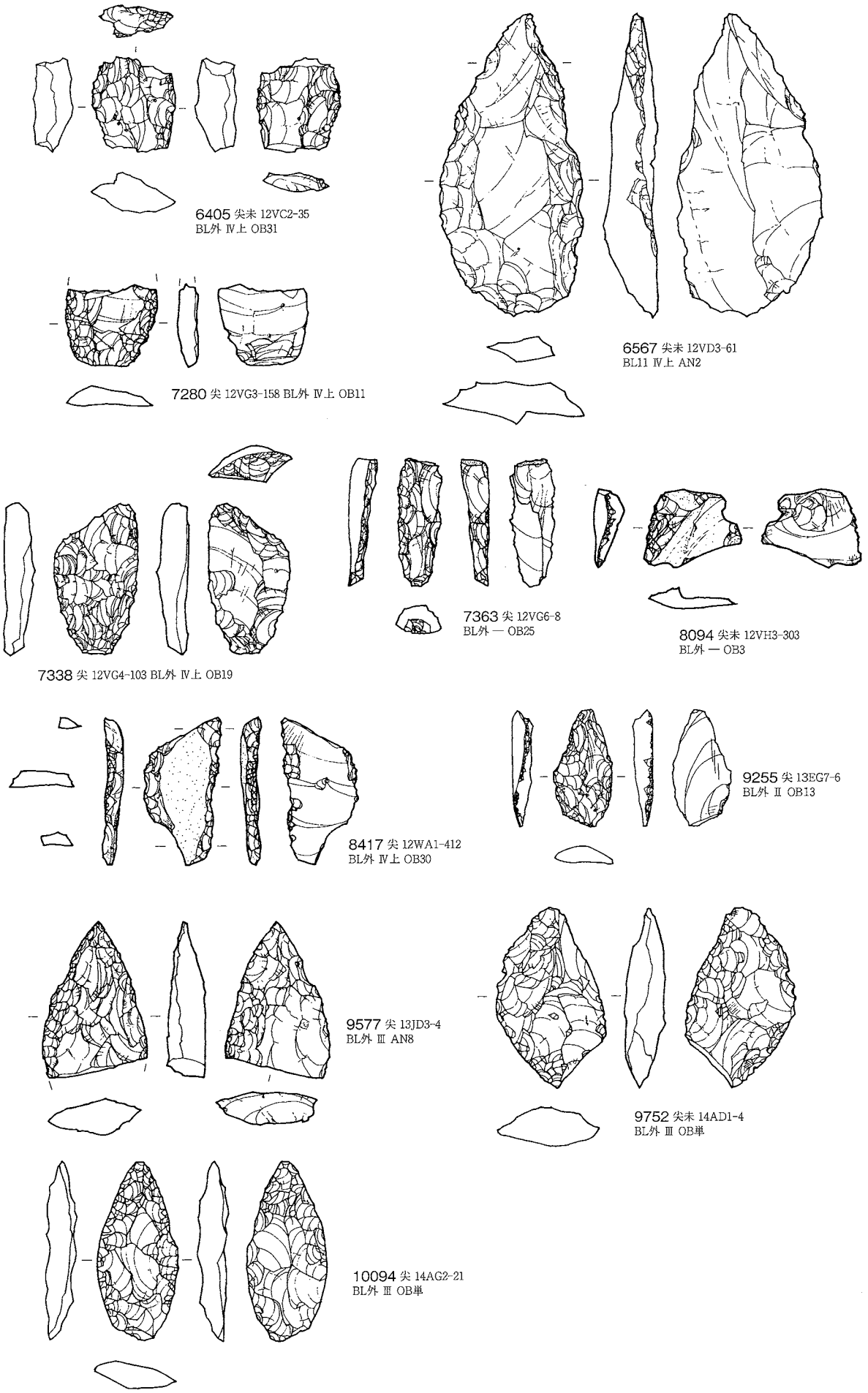


9476 尖
13JC1-16
BL16 Ⅰ
OB14

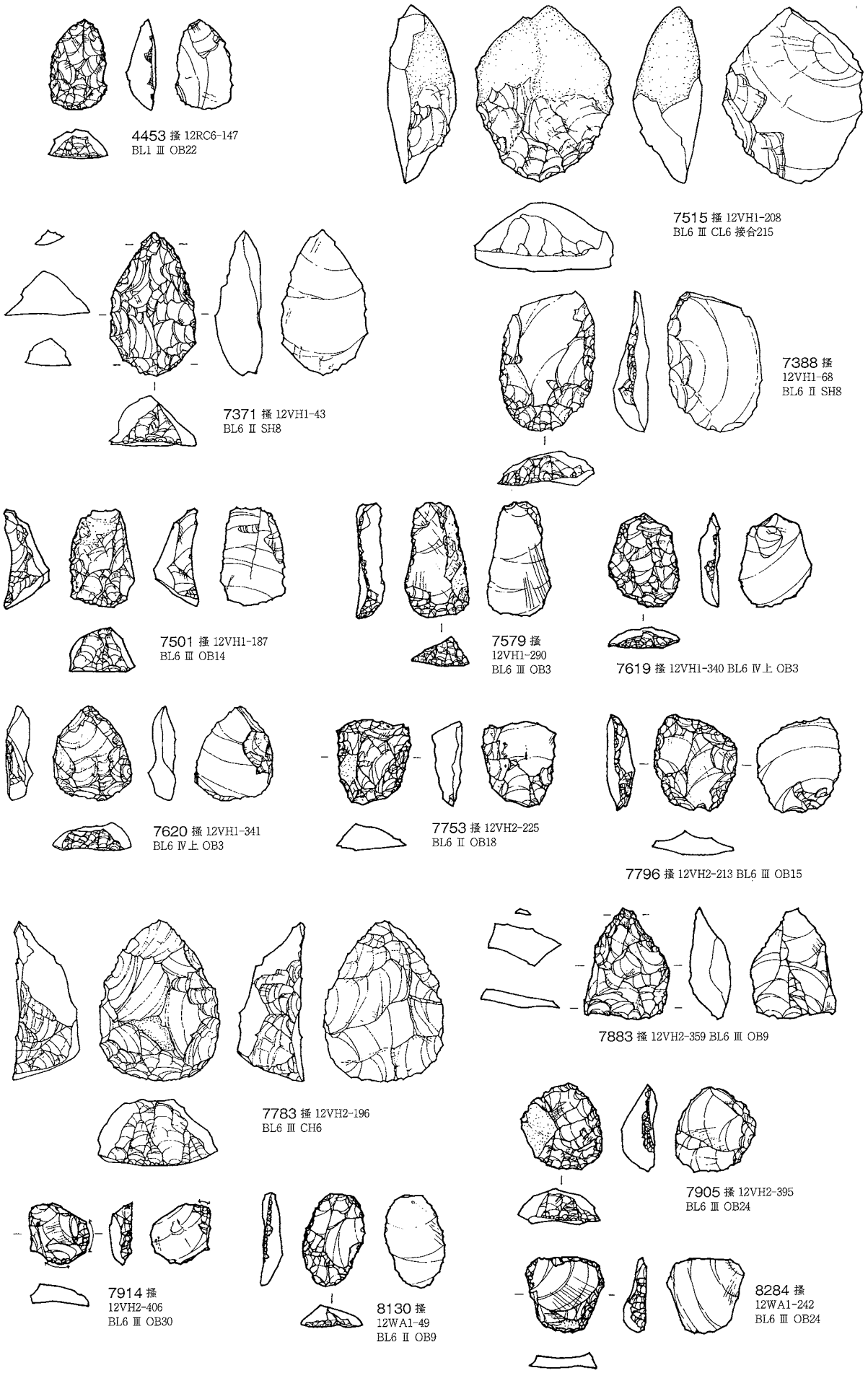
石器図版91　上ノ原ⅣA石器群（6）（7：10）



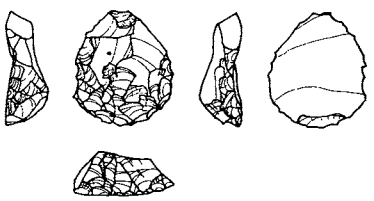
石器図版92　上ノ原ⅣA石器群（7）（7：10）



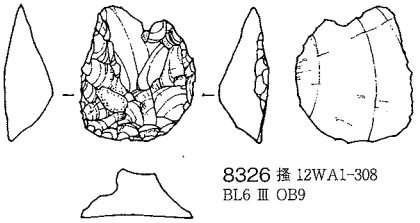
石器図版93　上ノ原ⅣA石器群（8）（7：10）



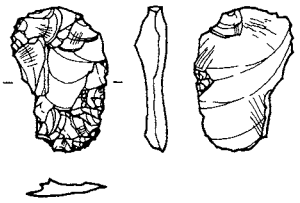
石器図版94　上ノ原ⅣA石器群（9）（7：10）



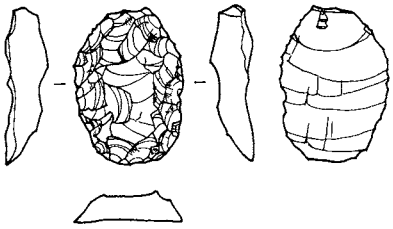
8312 掻 12WA1-276 BL6 Ⅲ OB8



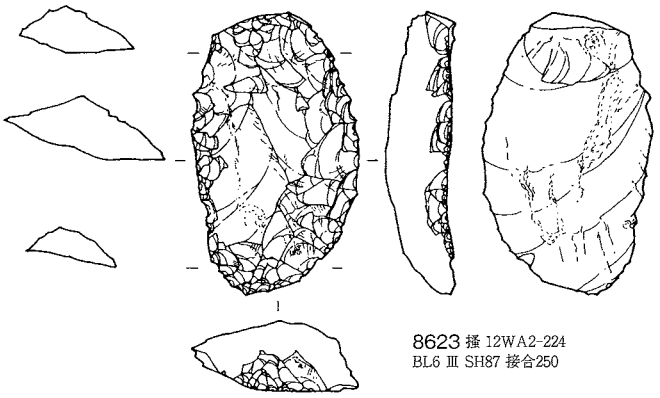
8326 掻 12WA1-308
BL6 Ⅲ OB9



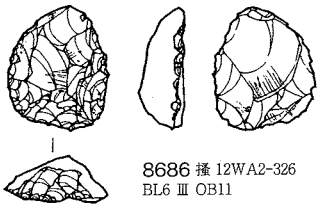
8630 掻 12WA2-231 BL6 Ⅲ OB9



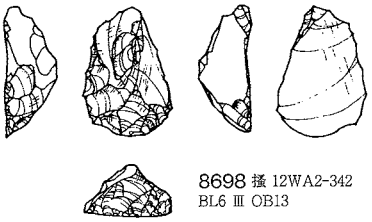
8551 掻 12WA2-240 BL6 Ⅱ OB21



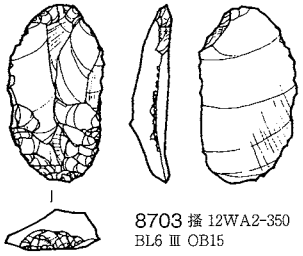
8623 掻 12WA2-224
BL6 Ⅲ SH87 接合250



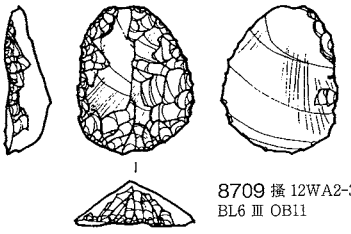
8686 掻 12WA2-326
BL6 Ⅲ OB11



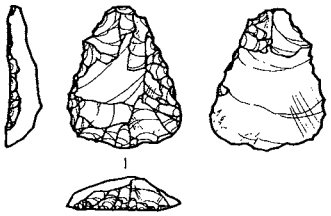
8698 掻 12WA2-342
BL6 Ⅲ OB13



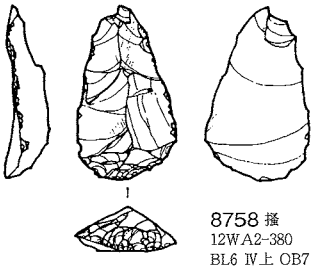
8703 掻 12WA2-350
BL6 Ⅲ OB15



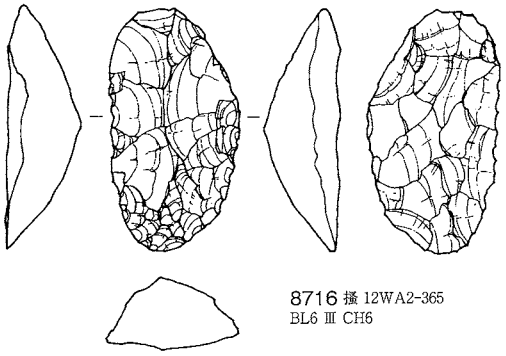
8709 掻 12WA2-356
BL6 Ⅲ OB11



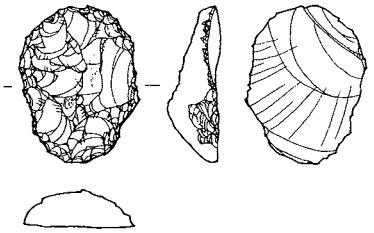
8715 掻 12WA2-364 BL6 Ⅲ OB15



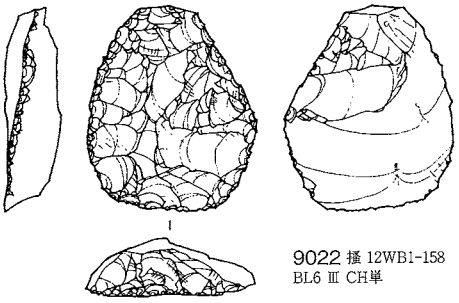
8758 掻
12WA2-380
BL6 Ⅳ上 OB7



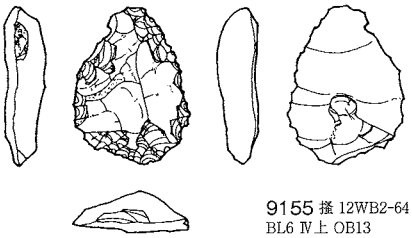
8716 掻 12WA2-365
BL6 Ⅲ CH6



8872 掻 12WA3-25
BL6 Ⅲ OB15

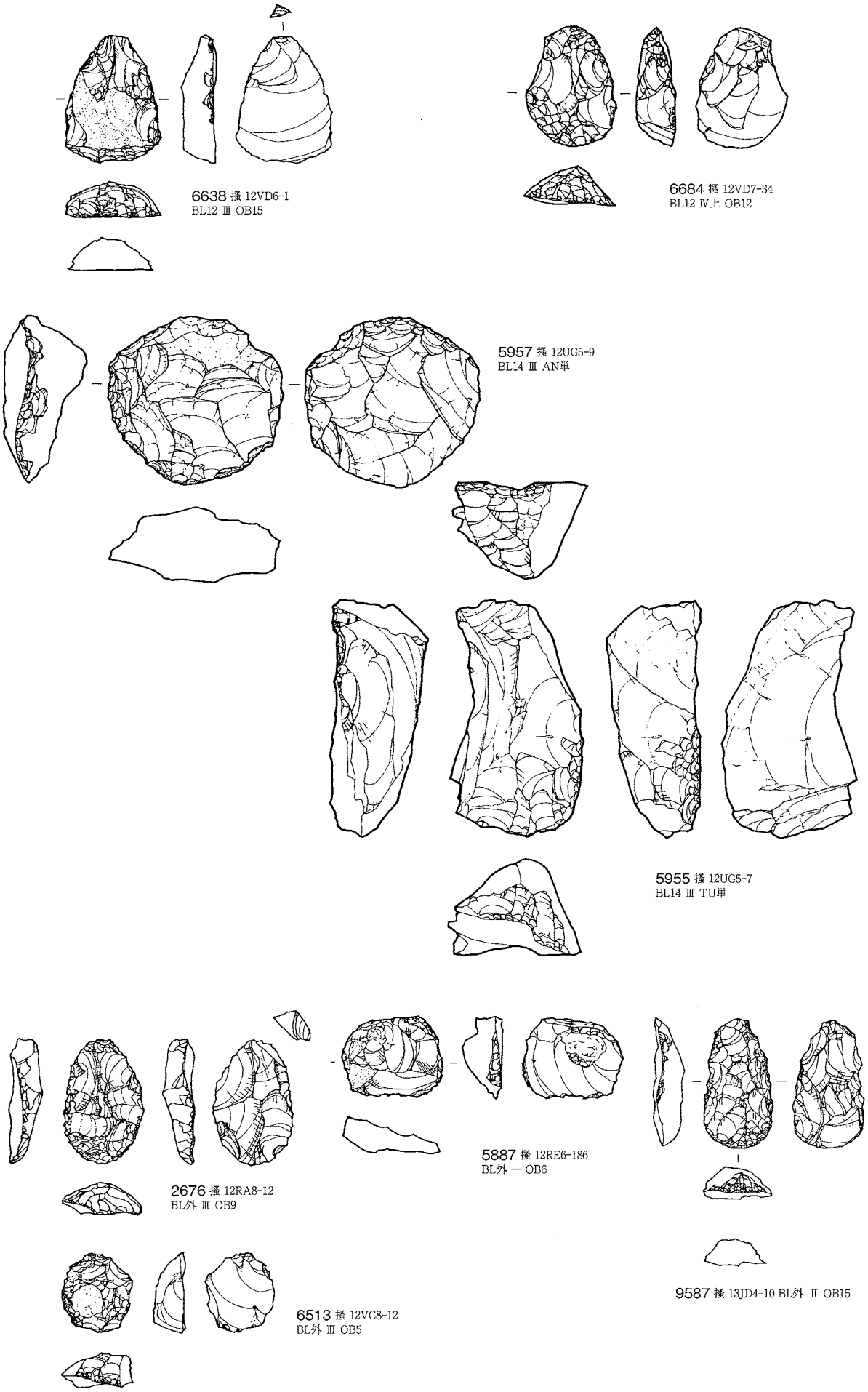


9022 掻 12WB1-158
BL6 Ⅲ CH単

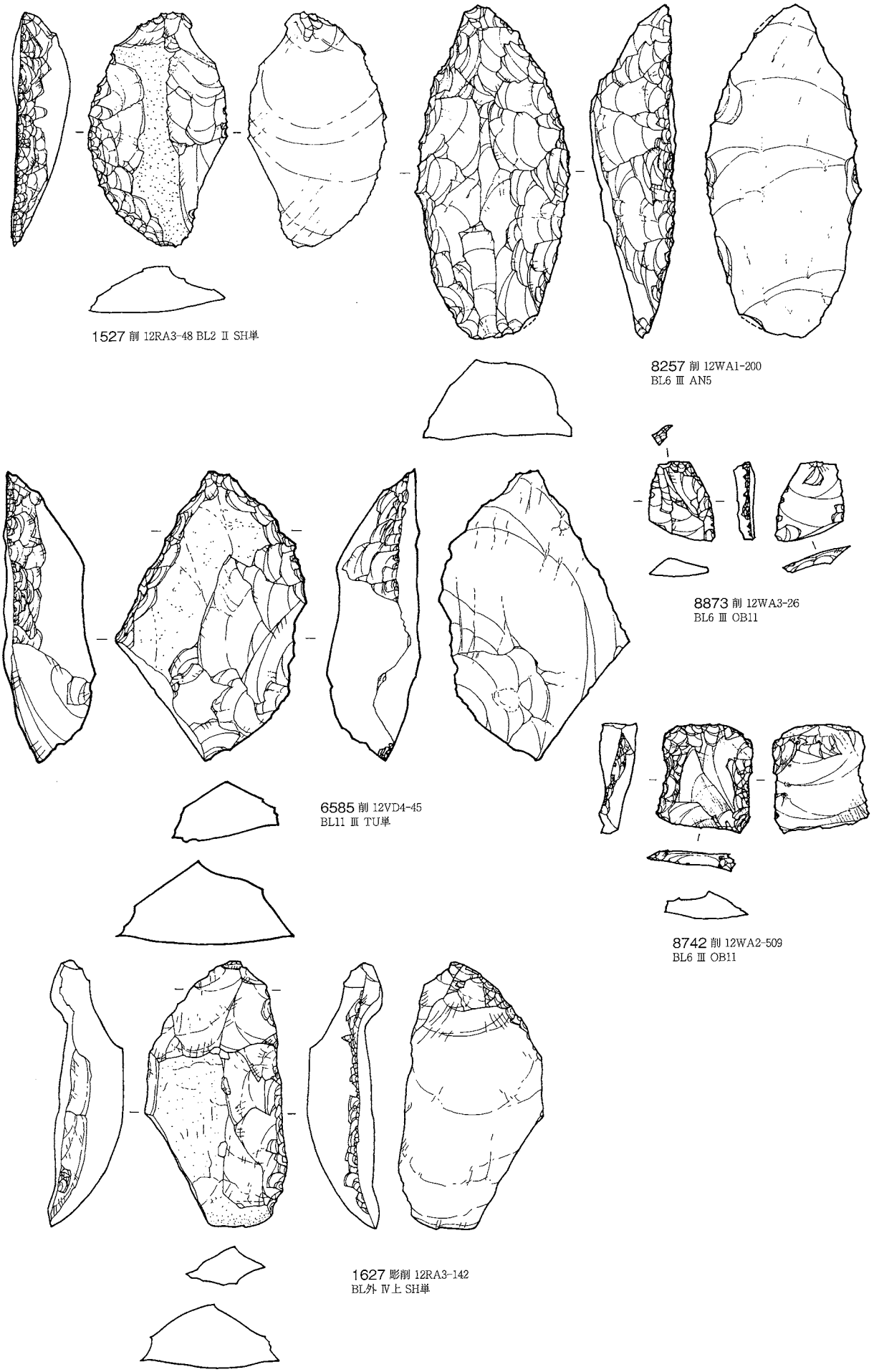


9155 掻 12WB2-64
BL6 Ⅳ上 OB13

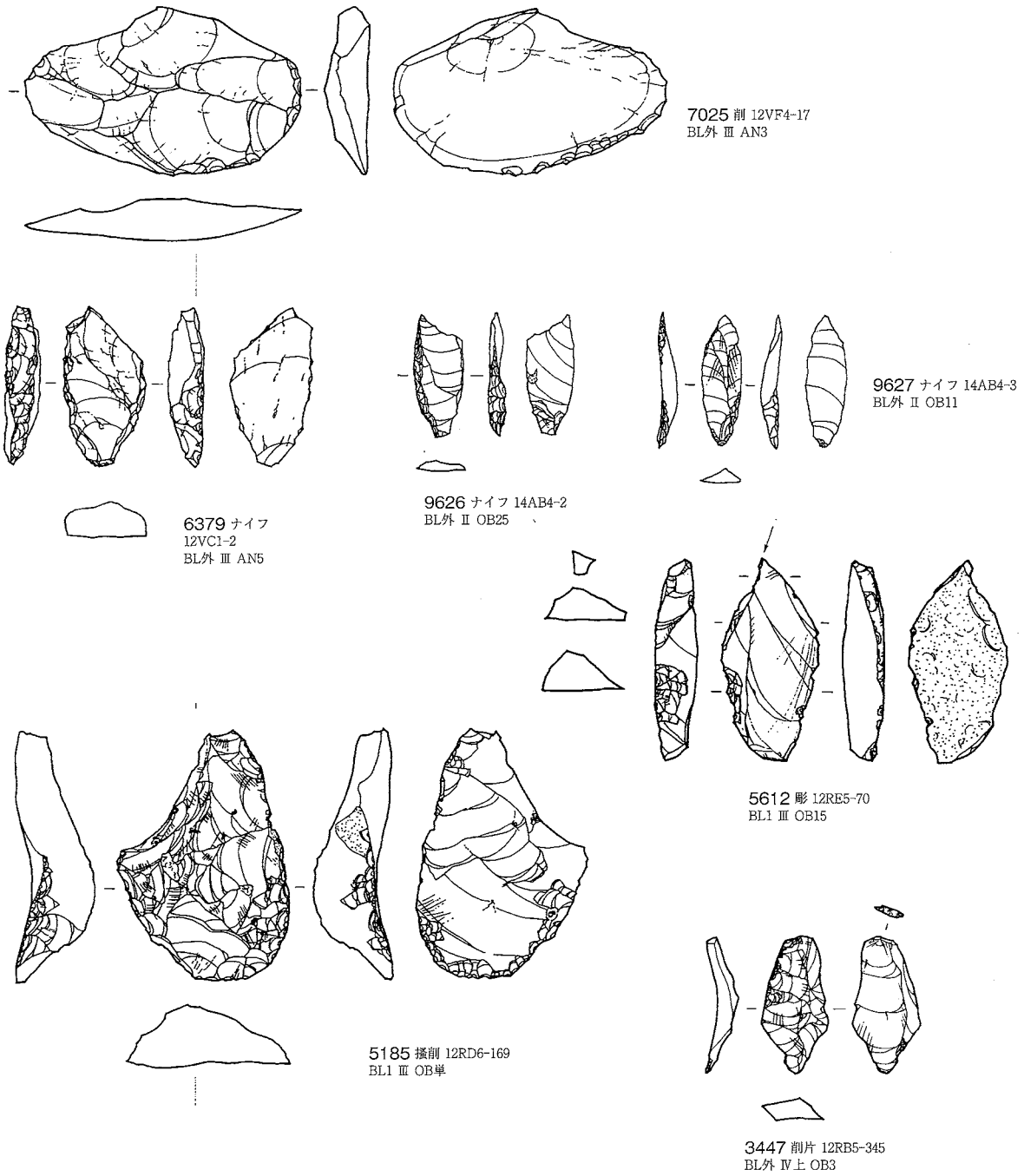
石器図版95　上ノ原ⅣA石器群（10）（7：10）



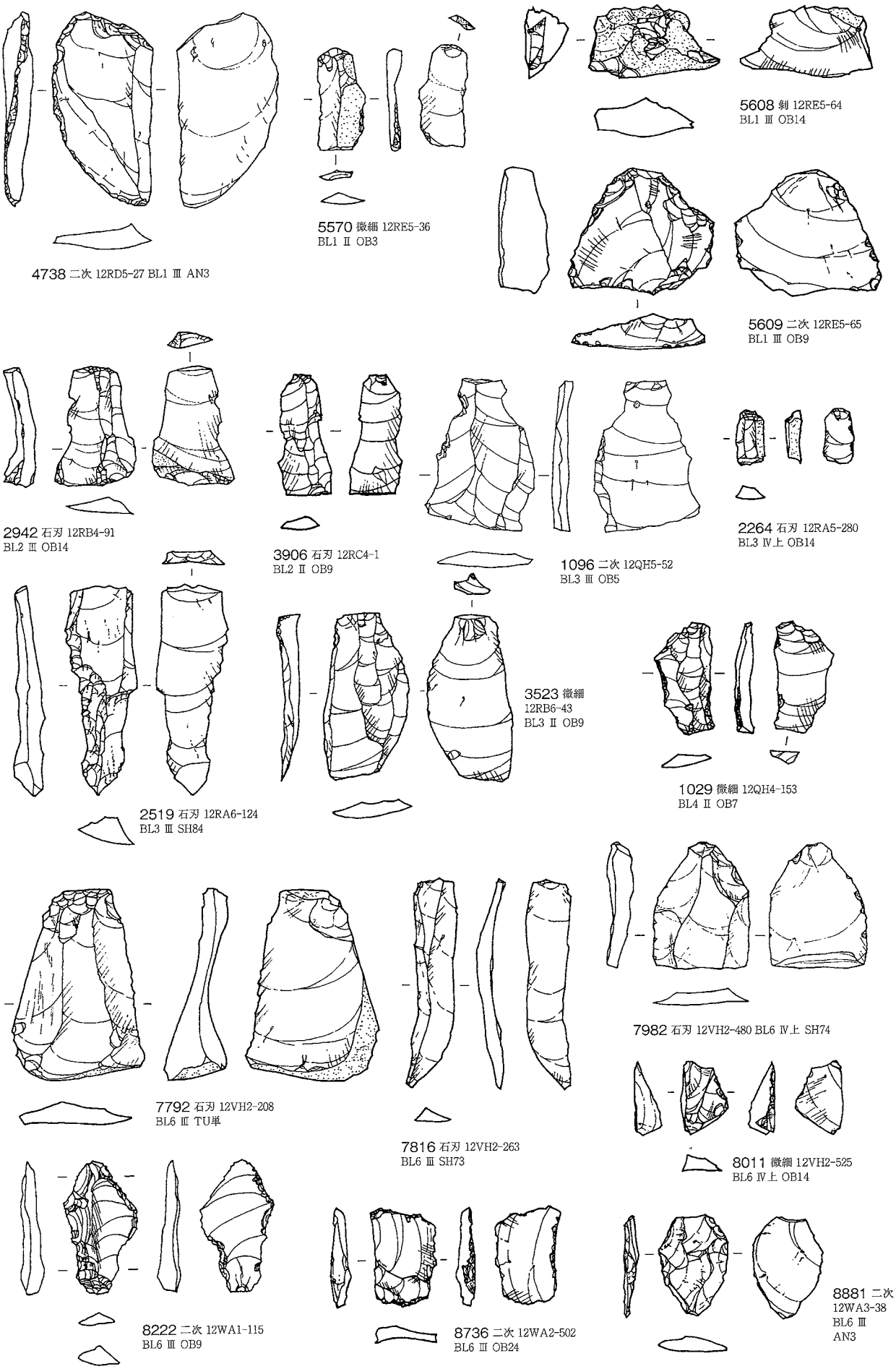
石器図版96　上ノ原ⅣA石器群（11）（7：10）



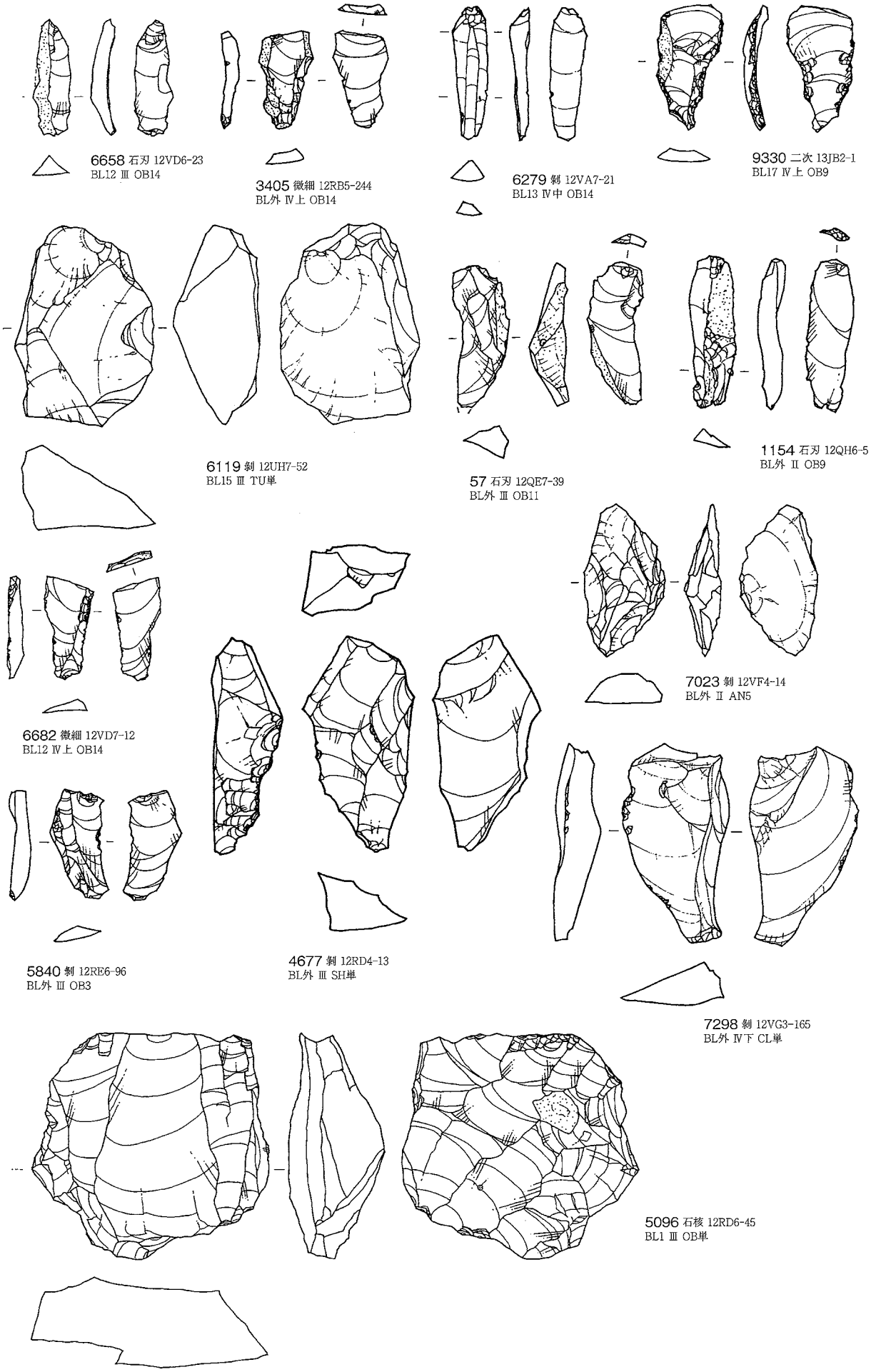
石器図版97　上ノ原ⅣA石器群（12）（7：10）



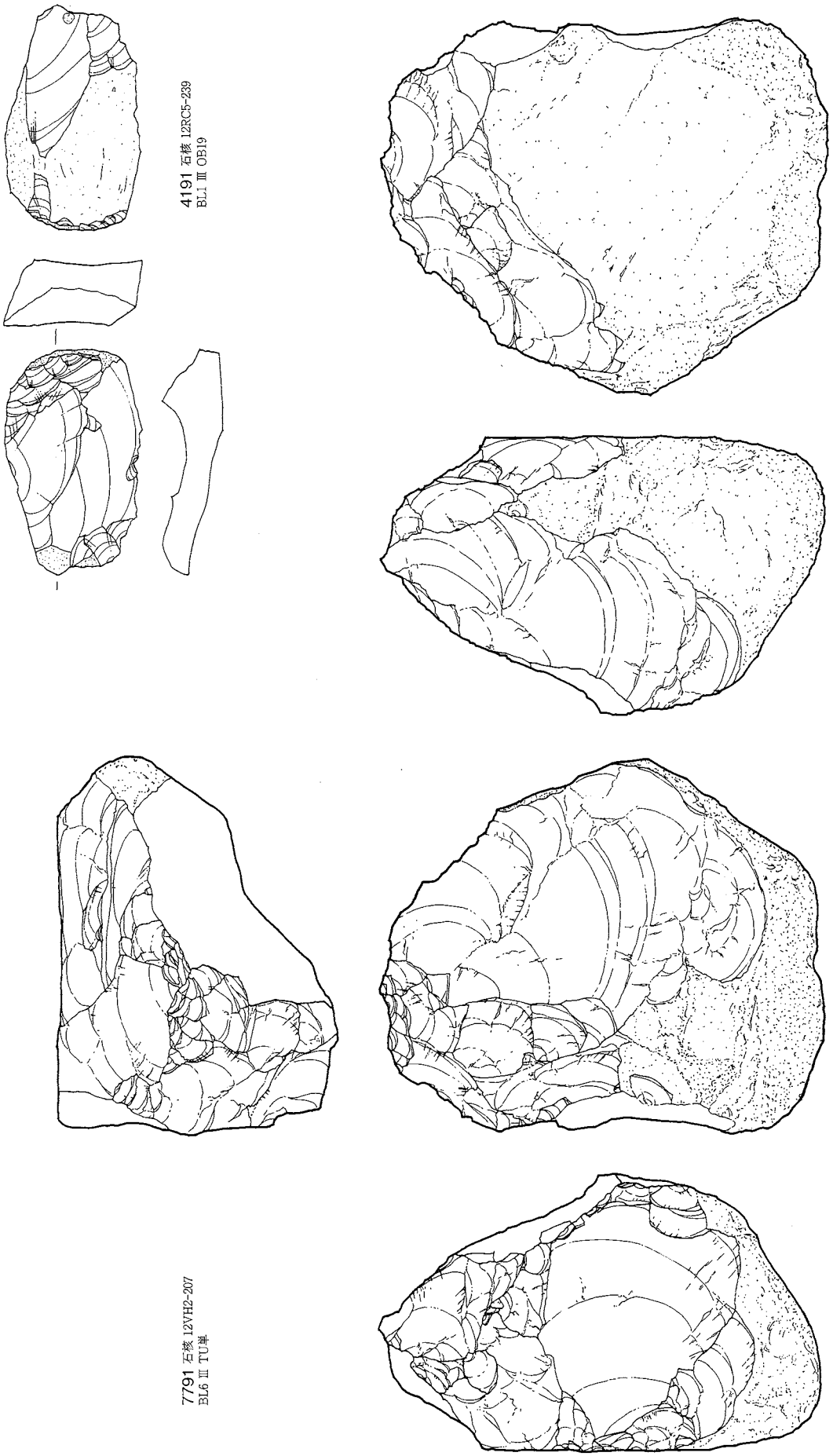
石器図版98　上ノ原ⅣA石器群（13）（7：10）



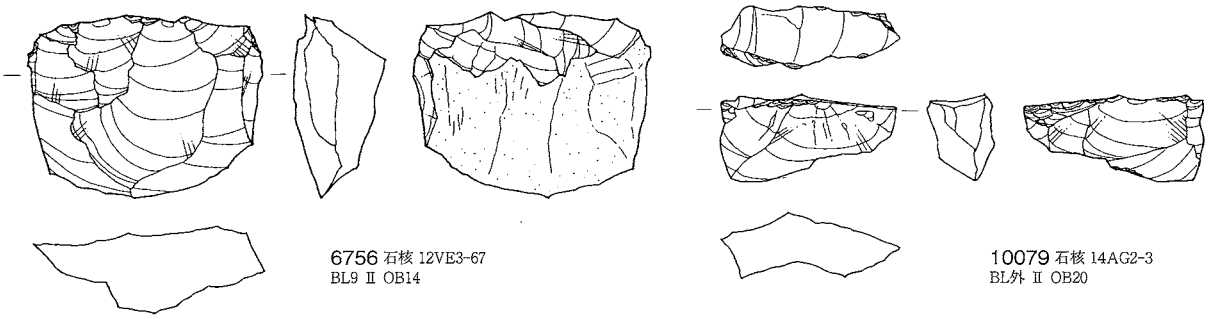
石器図版99　上ノ原ⅣA石器群（14）（7：10）



石器図版100　上ノ原ⅣA石器群（15）（7：10）

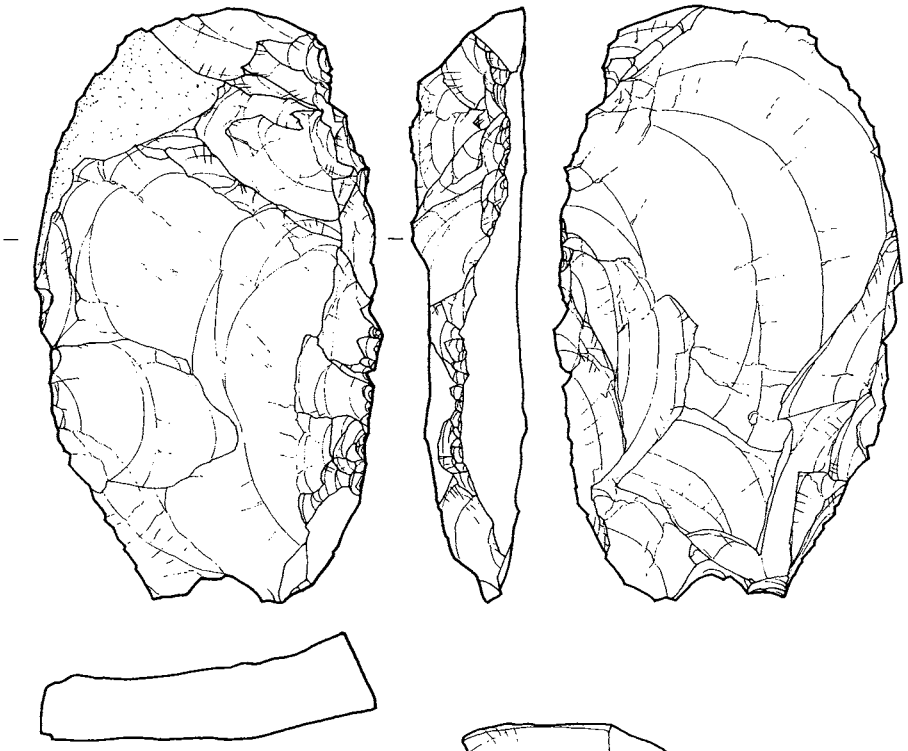


石器図版101　上ノ原ⅣA石器群（16）（7：10）

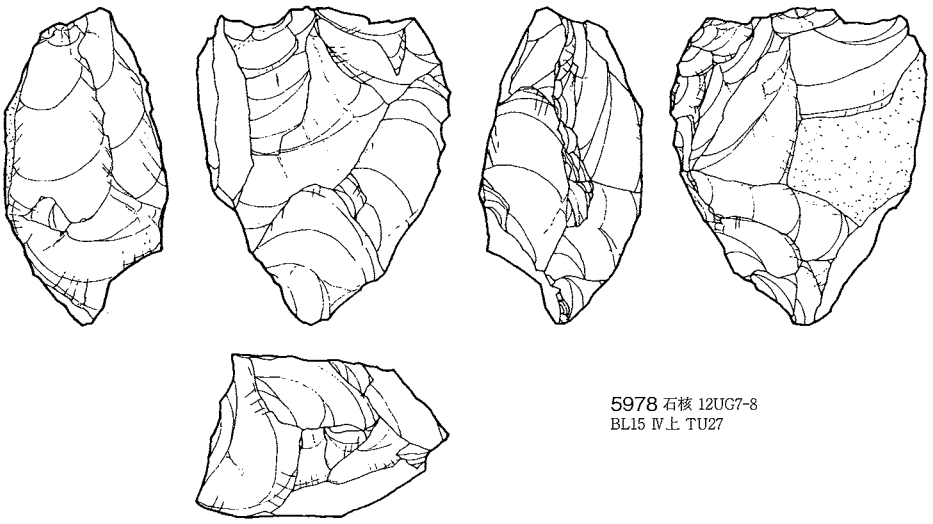


6756 石核 12VE3-67
BL9 Ⅱ OB14

10079 石核 14AG2-3
BL外 Ⅱ OB20

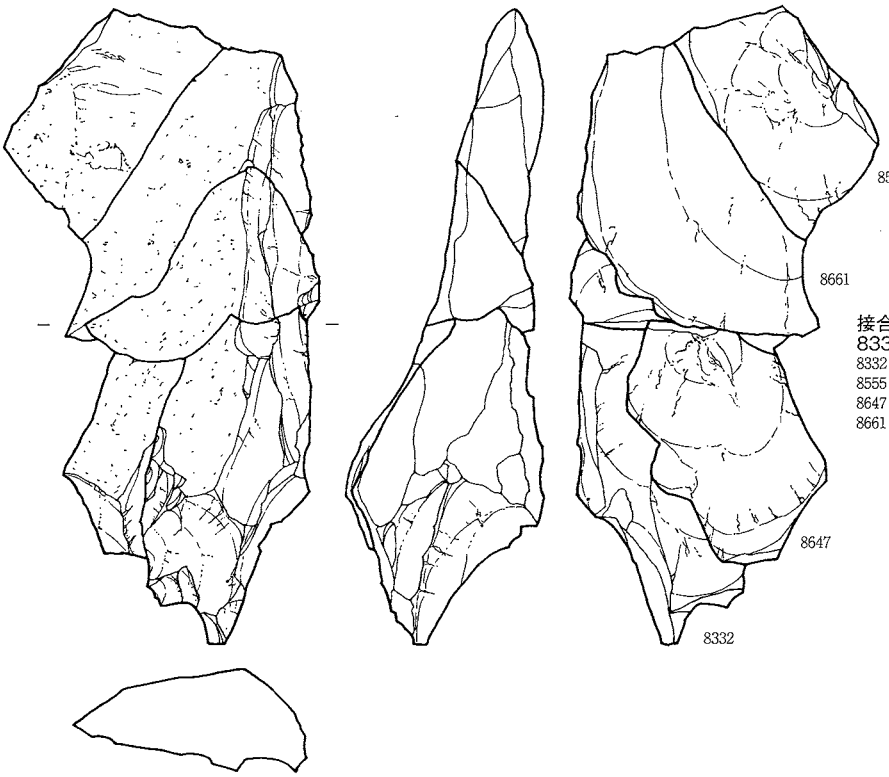


6672 石核 12VD7-6
BL12 Ⅱ AN5

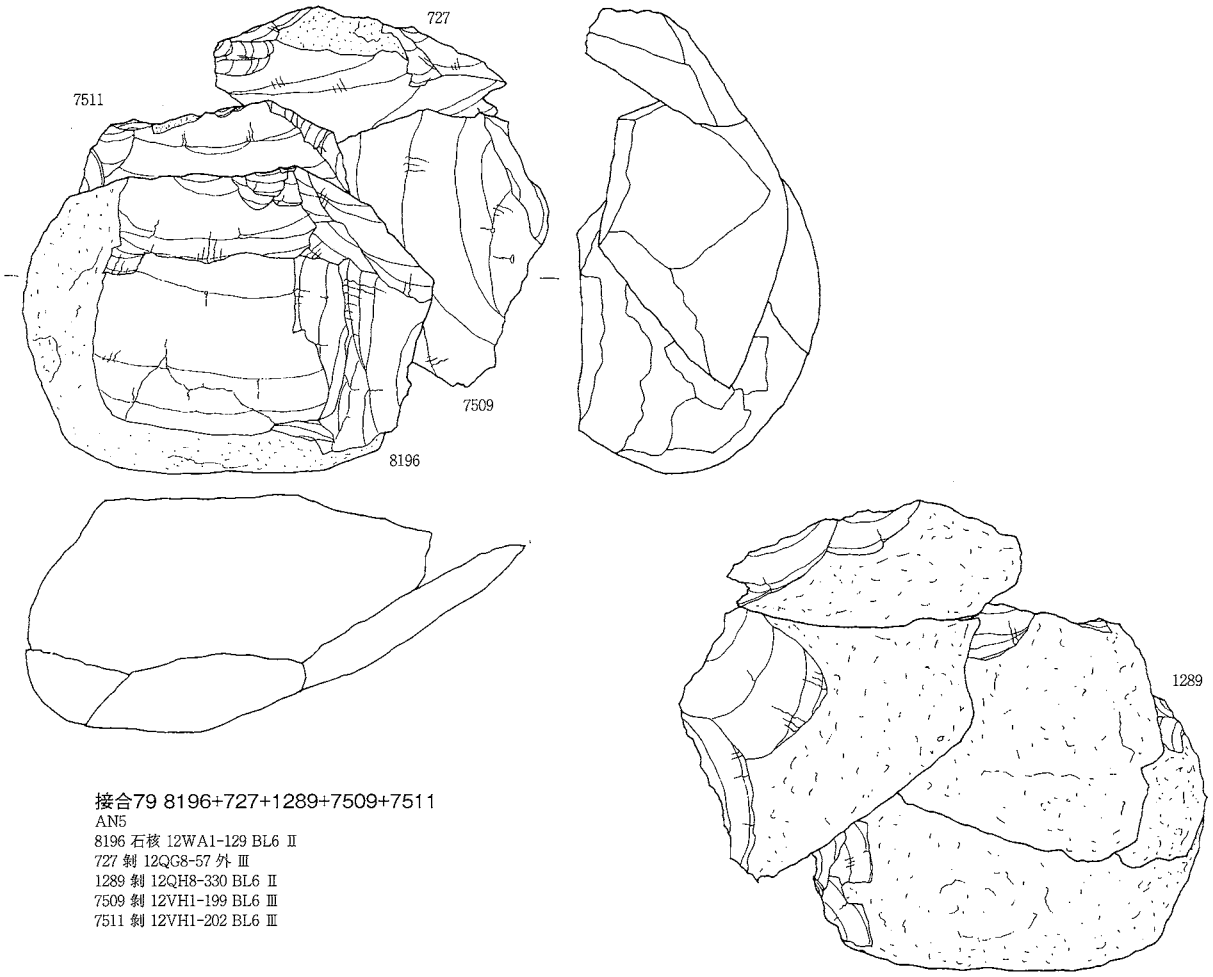


5978 石核 12UG7-8
BL15 Ⅳ上 TU27

石器図版102　上ノ原ⅣA石器群（17）（7：10）

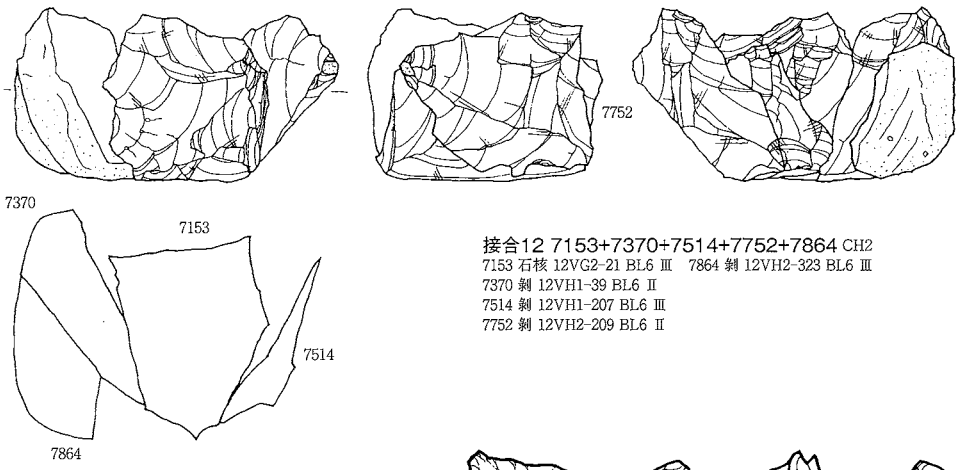


接合53 AN5
8332+8555+8647+8661
8332 剝 12WA1-314 BL6 Ⅲ
8555 剝 12WA2-272 BL6 Ⅱ
8647 剝 12WA2-275 BL6 Ⅲ
8661 剝 12WA2-294 BL6 Ⅲ

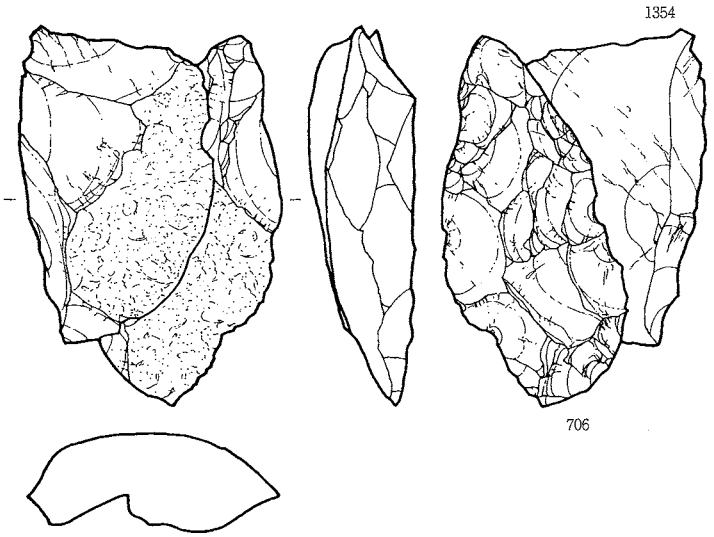


接合79 8196+727+1289+7509+7511
AN5
8196 石核 12WA1-129 BL6 Ⅱ
727 剝 12QG8-57 外 Ⅲ
1289 剝 12QH8-330 BL6 Ⅱ
7509 剝 12VH1-199 BL6 Ⅲ
7511 剝 12VH1-202 BL6 Ⅲ

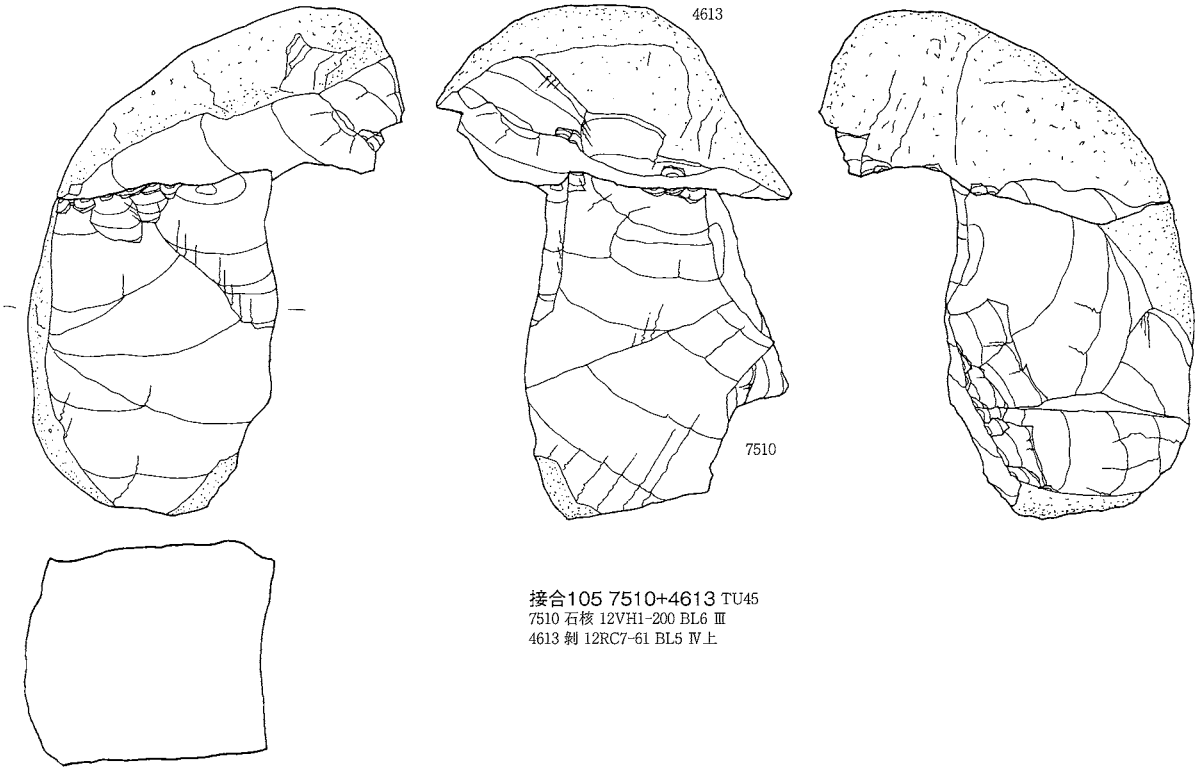
石器図版103　上ノ原ⅣA石器群（18）（7：10）



接合12 7153+7370+7514+7752+7864 CH2
7153 石核 12VG2-21 BL6 Ⅲ　7864 剝 12VH2-323 BL6 Ⅲ
7370 剝 12VH1-39 BL6 Ⅱ
7514 剝 12VH1-207 BL6 Ⅲ
7752 剝 12VH2-209 BL6 Ⅱ

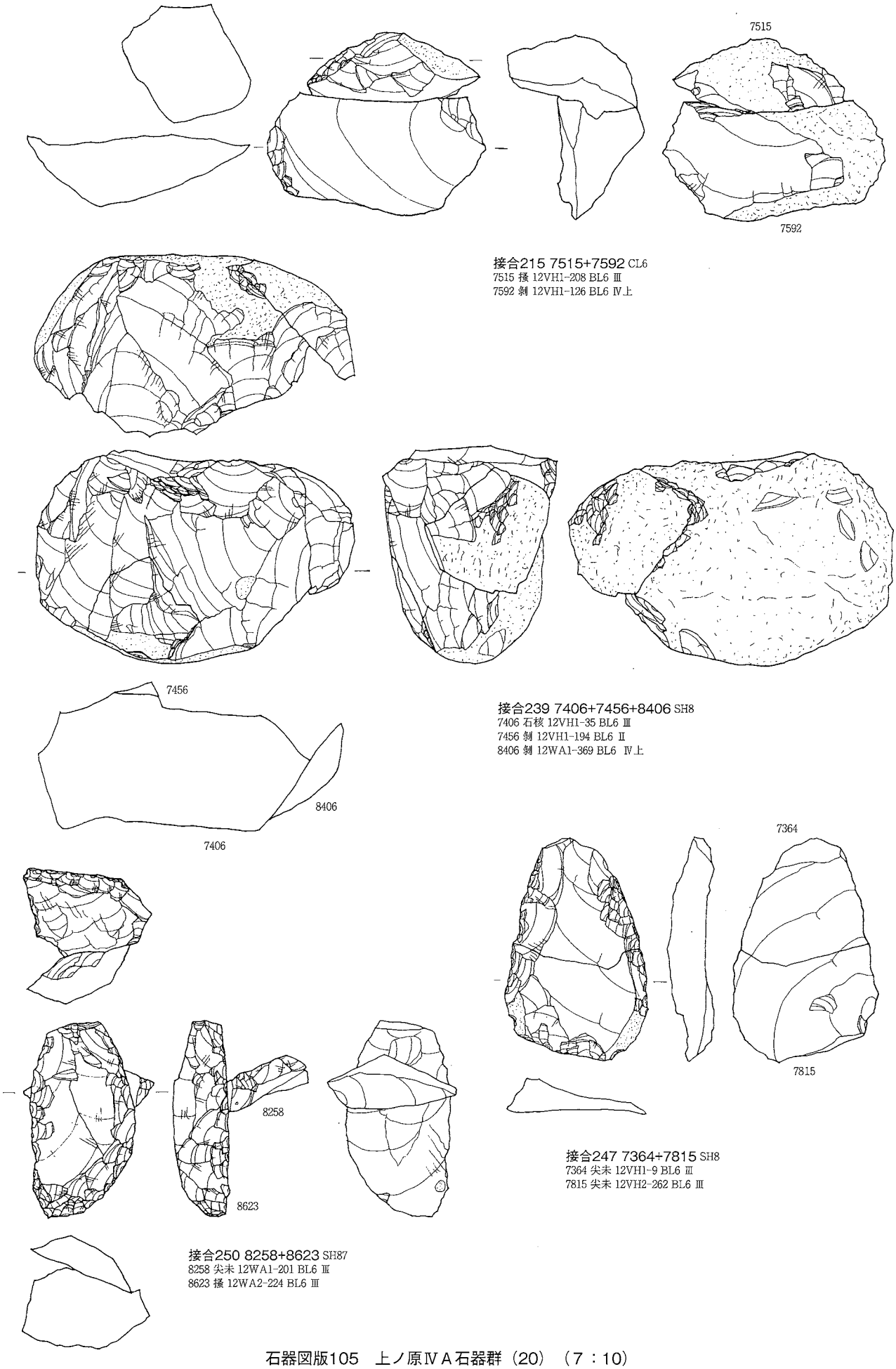


接合80 706+1354 AN3
706 尖未 12QG8-11 BL外 Ⅲ
1354 剝 12QH8-277 BL外 Ⅲ

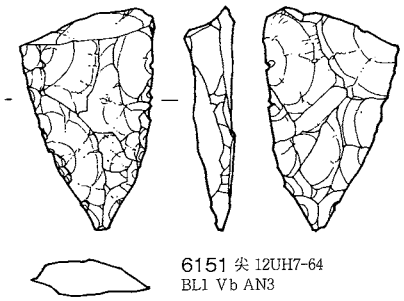


接合105 7510+4613 TU45
7510 石核 12VH1-200 BL6 Ⅲ
4613 剝 12RC7-61 BL5 Ⅳ上

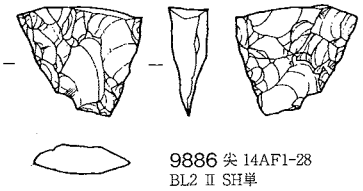
石器図版104　上ノ原ⅣA石器群（19）（7：10）



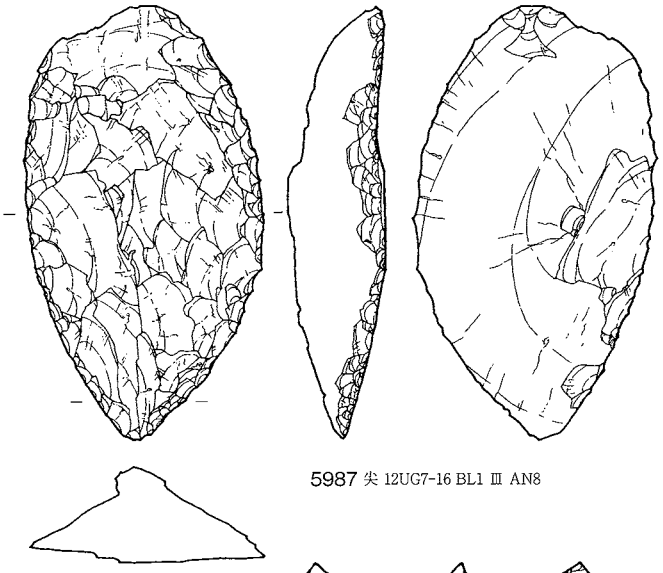
石器図版105　上ノ原ⅣA石器群（20）（7：10）



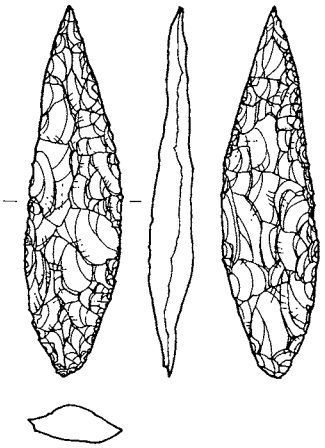
6151 尖 12UH7-64
BL1 Vb AN3



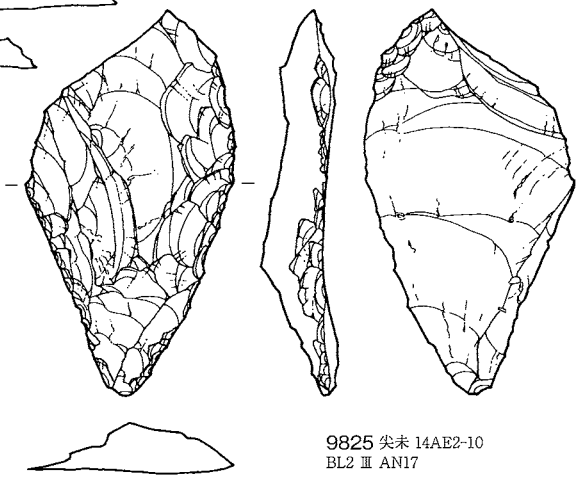
9886 尖 14AF1-28
BL2 Ⅱ SH単



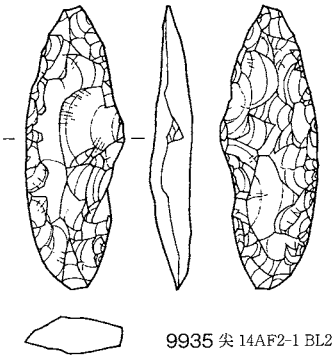
5987 尖 12UG7-16 BL1 Ⅲ AN8



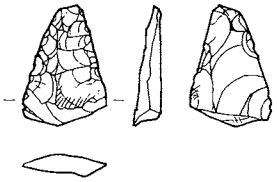
10029 尖 14AF2-117
BL2 Ⅳ上 SH51



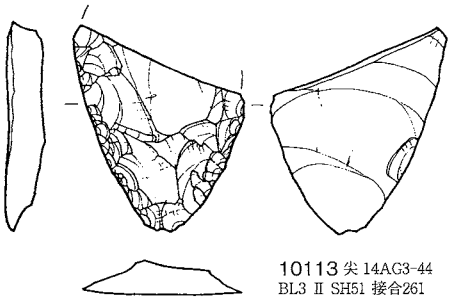
9825 尖未 14AE2-10
BL2 Ⅲ AN17



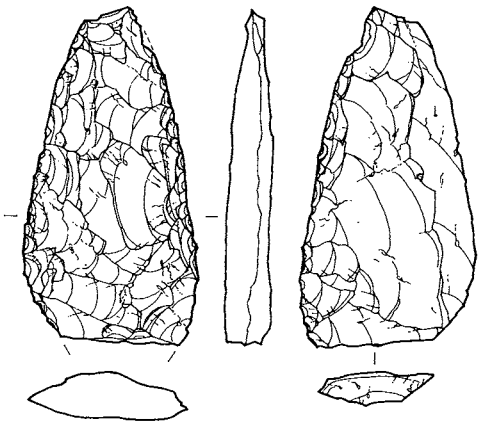
9935 尖 14AF2-1 BL2 Ⅳ上 SH単



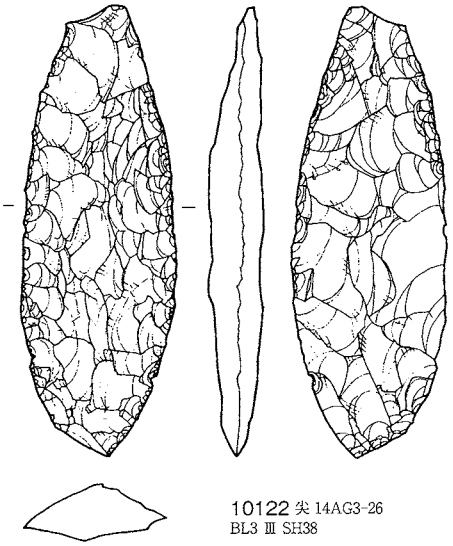
10090 尖 14AG2-10
BL3 Ⅲ SH単



10113 尖 14AG3-44
BL3 Ⅱ SH51 接合261

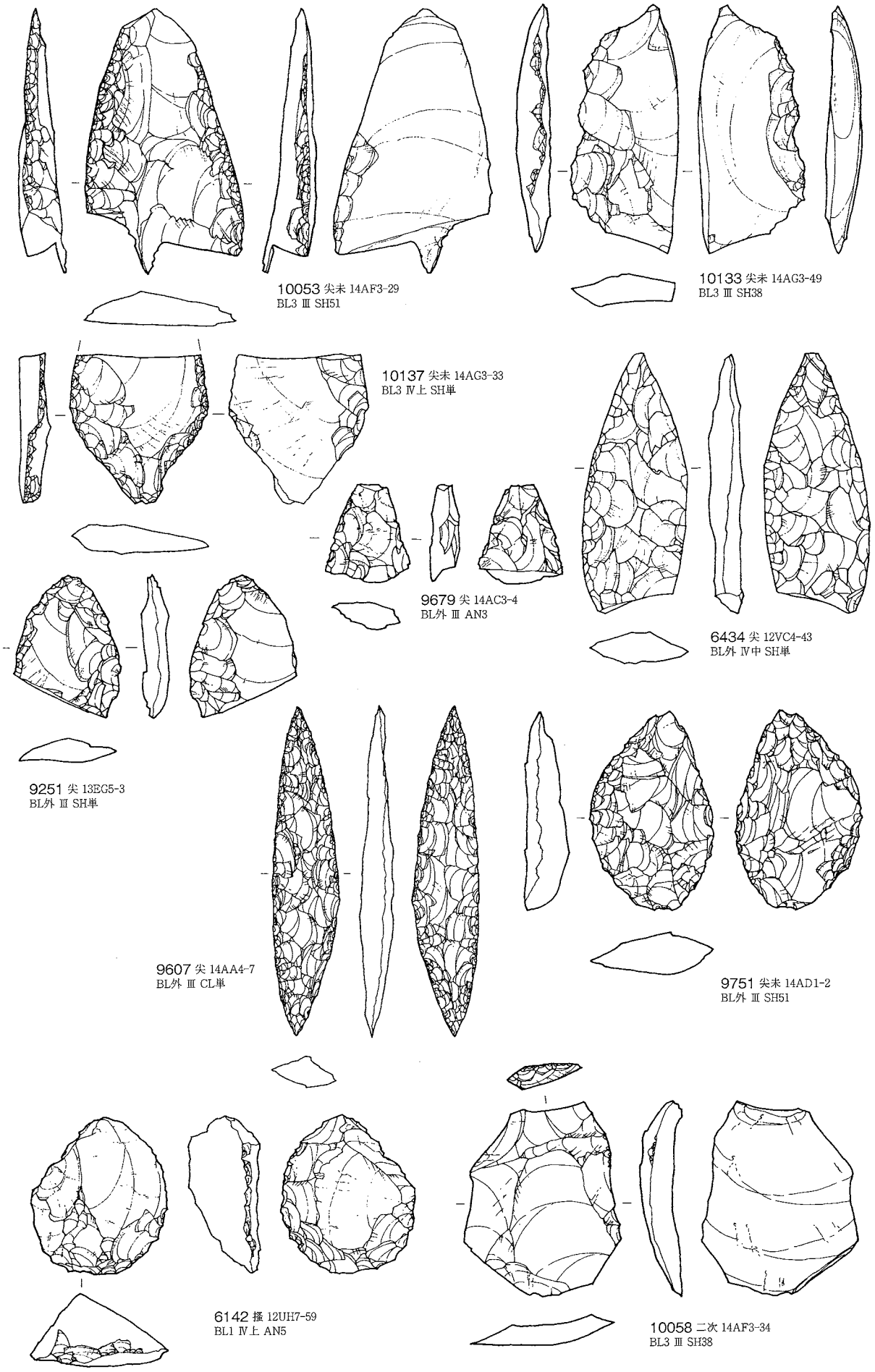


10116 尖 14AG3-16 BL3 Ⅲ AN19

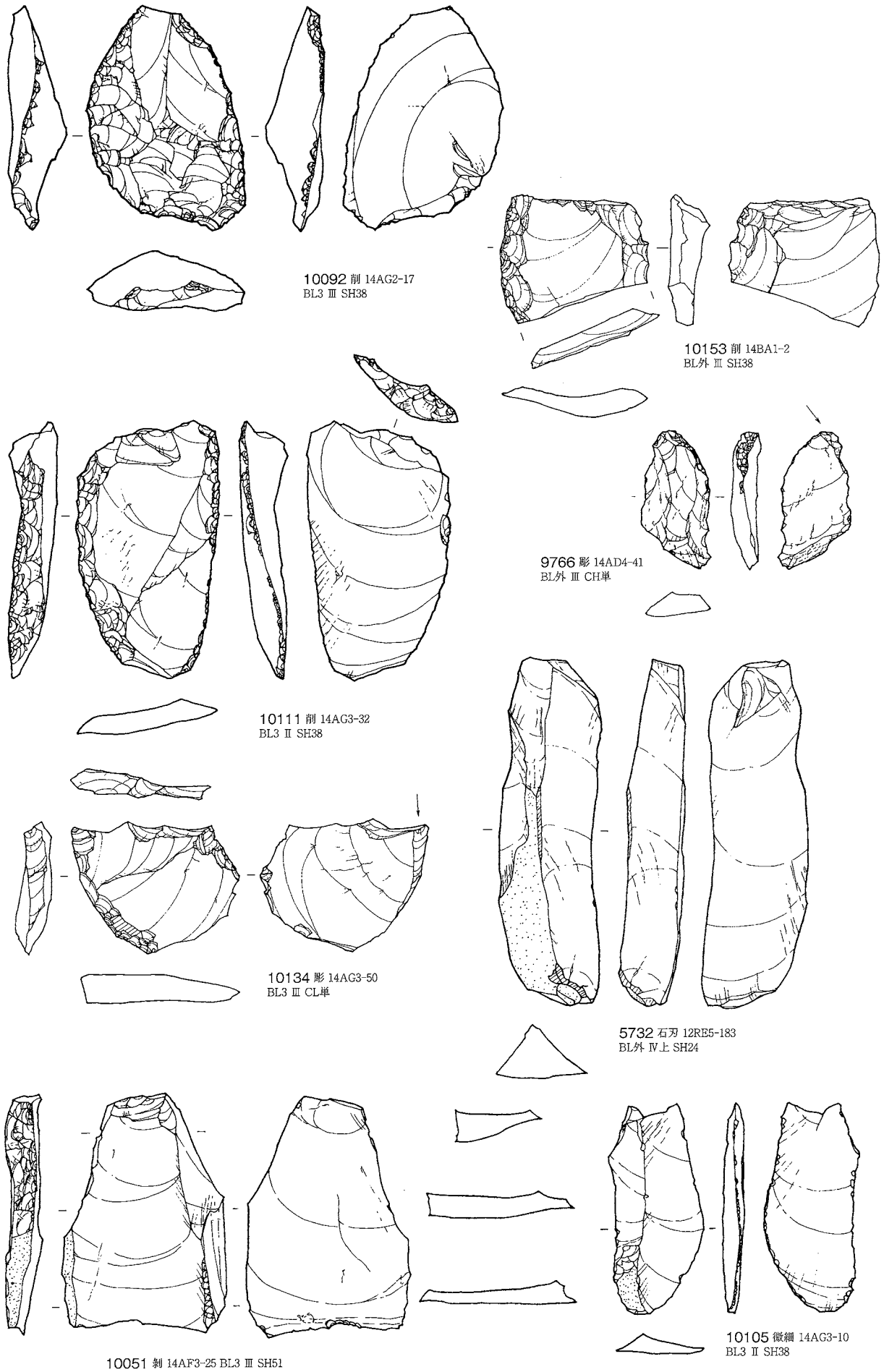


10122 尖 14AG3-26
BL3 Ⅲ SH38

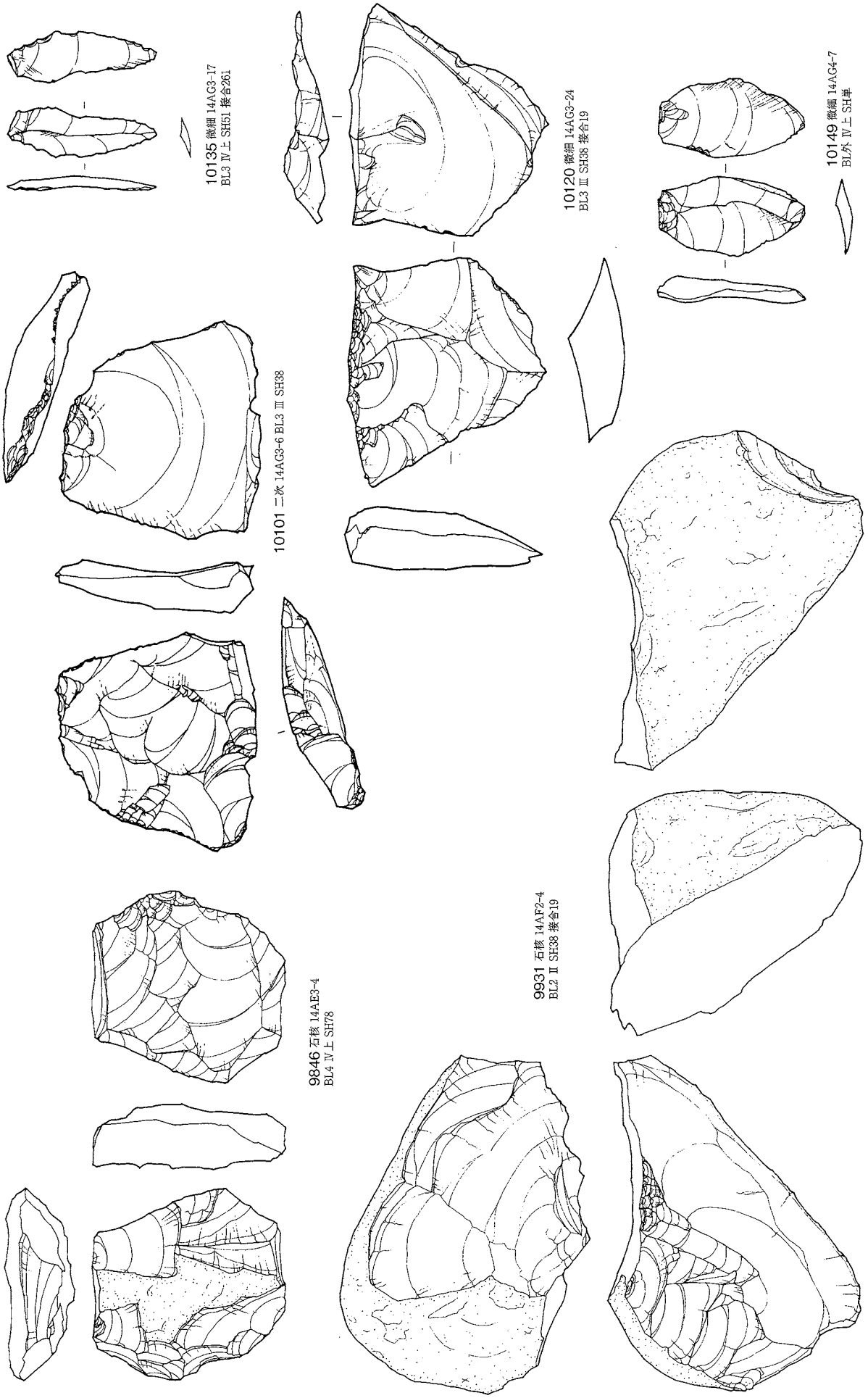
石器図版106　上ノ原ⅣB石器群（1）（7：10）



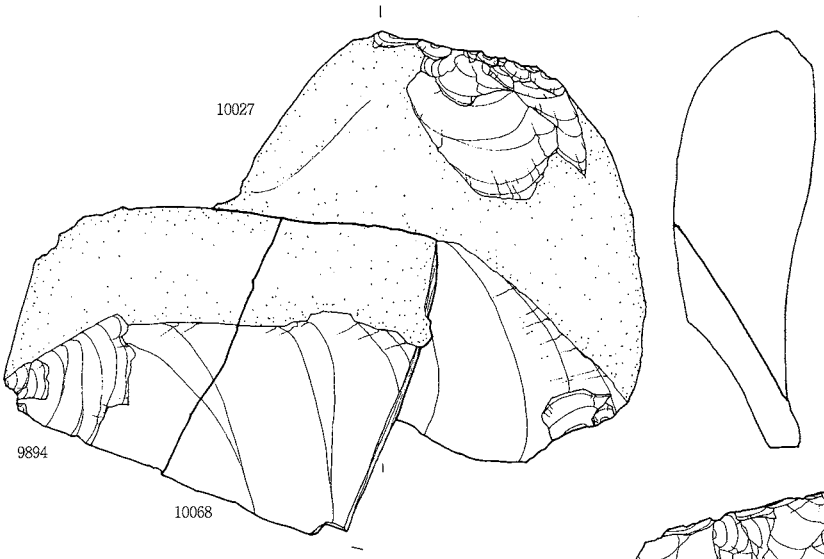
石器図版107　上ノ原ⅣB石器群（2）（7：10）



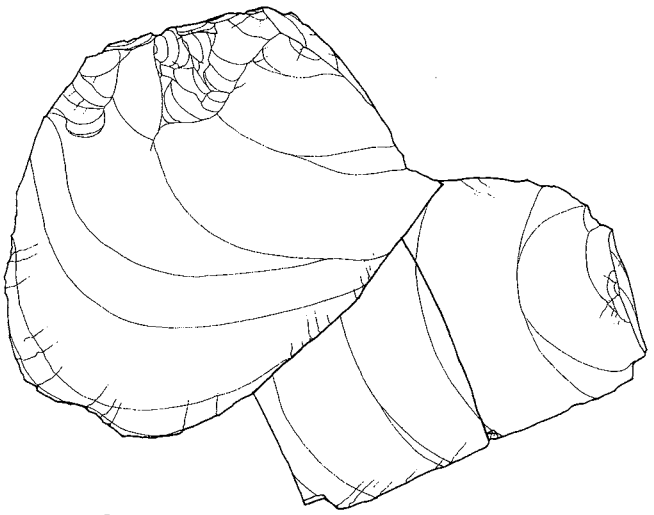
石器図版108　上ノ原ⅣB石器群（3）（7：10）

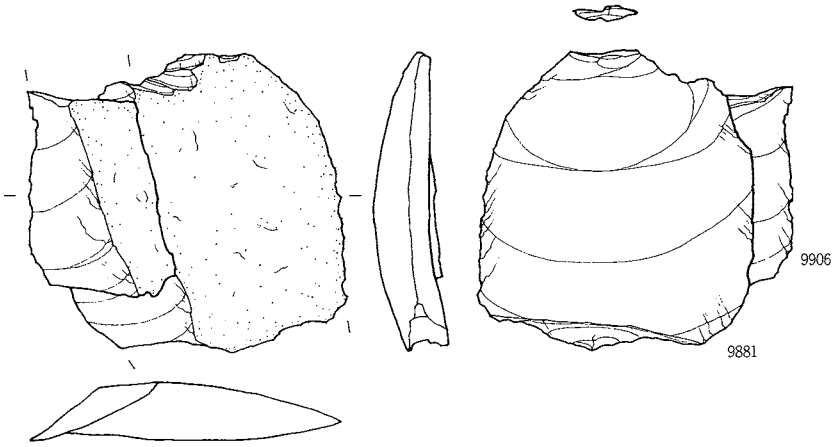


石器図版109　上ノ原ⅣB石器群（4）（7：10）



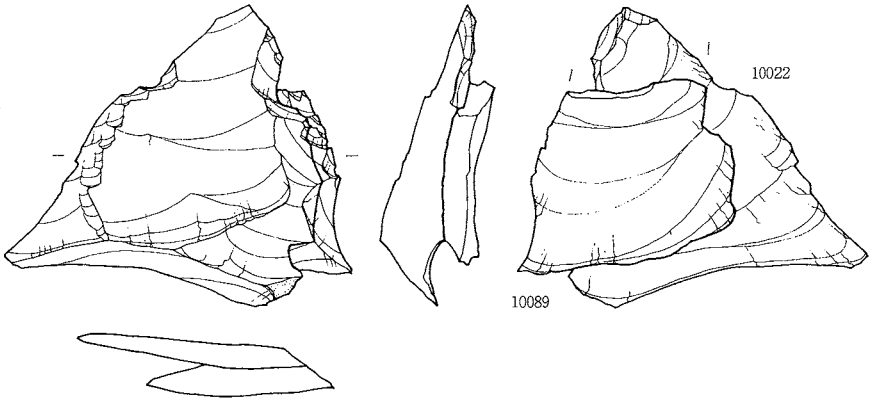
接5 9894+10027+10068 SH58
9894 剝 14AF1-16 BL2 Ⅲ
10027 剝 14AF2-124 BL3 Ⅲ
10068 剝 14AF3-28 BL3 Ⅳ上



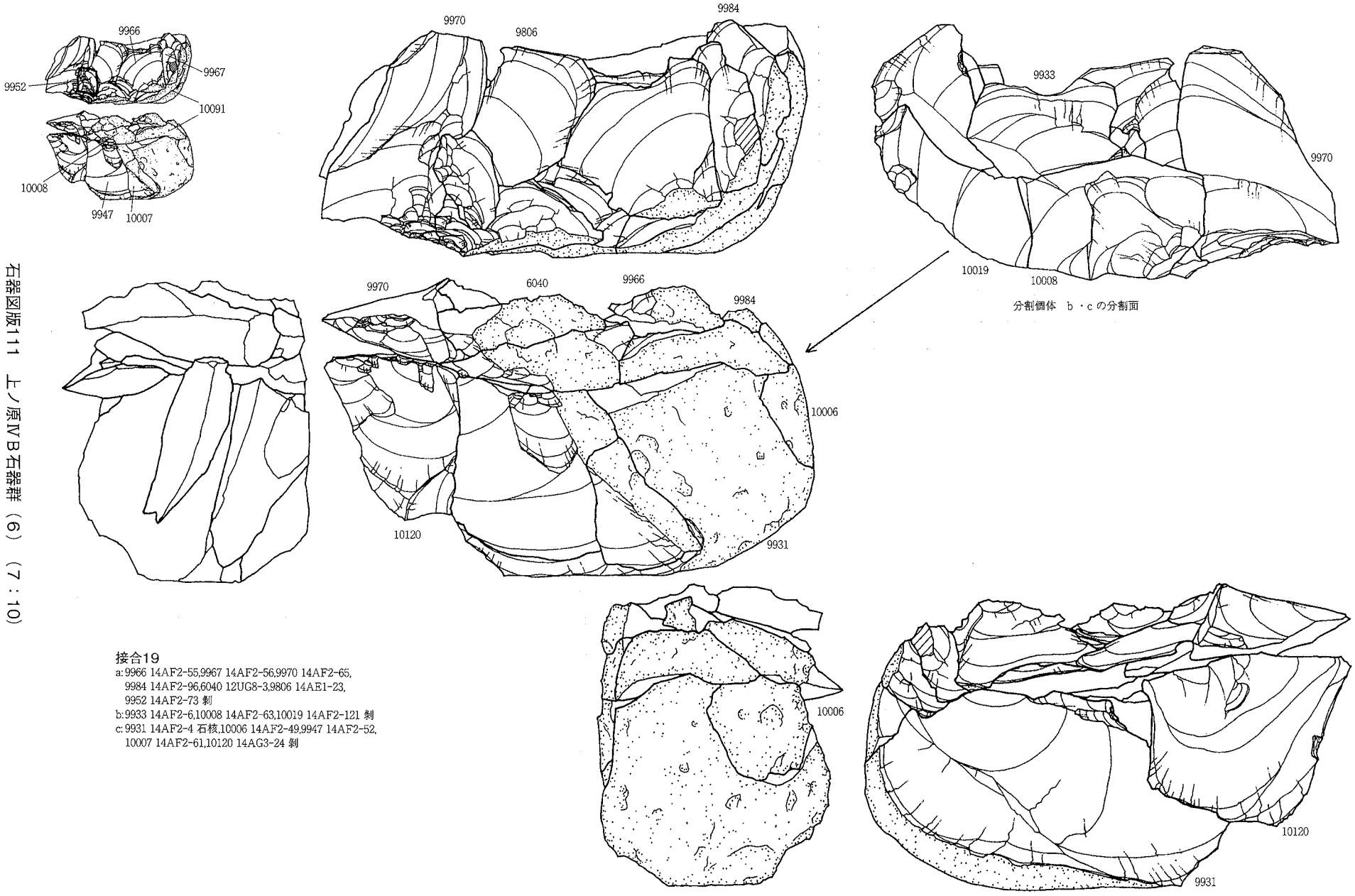


接合18 9881+9906 SH58
9881 剝 14AF1-6 BL2 Ⅲ
9906 剝 14AF1-41 BL2 Ⅲ

接合31 10022+10089 SH51
10022 剝 14AF2-112 BL外 Ⅲ
10089 剝 14AG2-19 BL3 Ⅱ

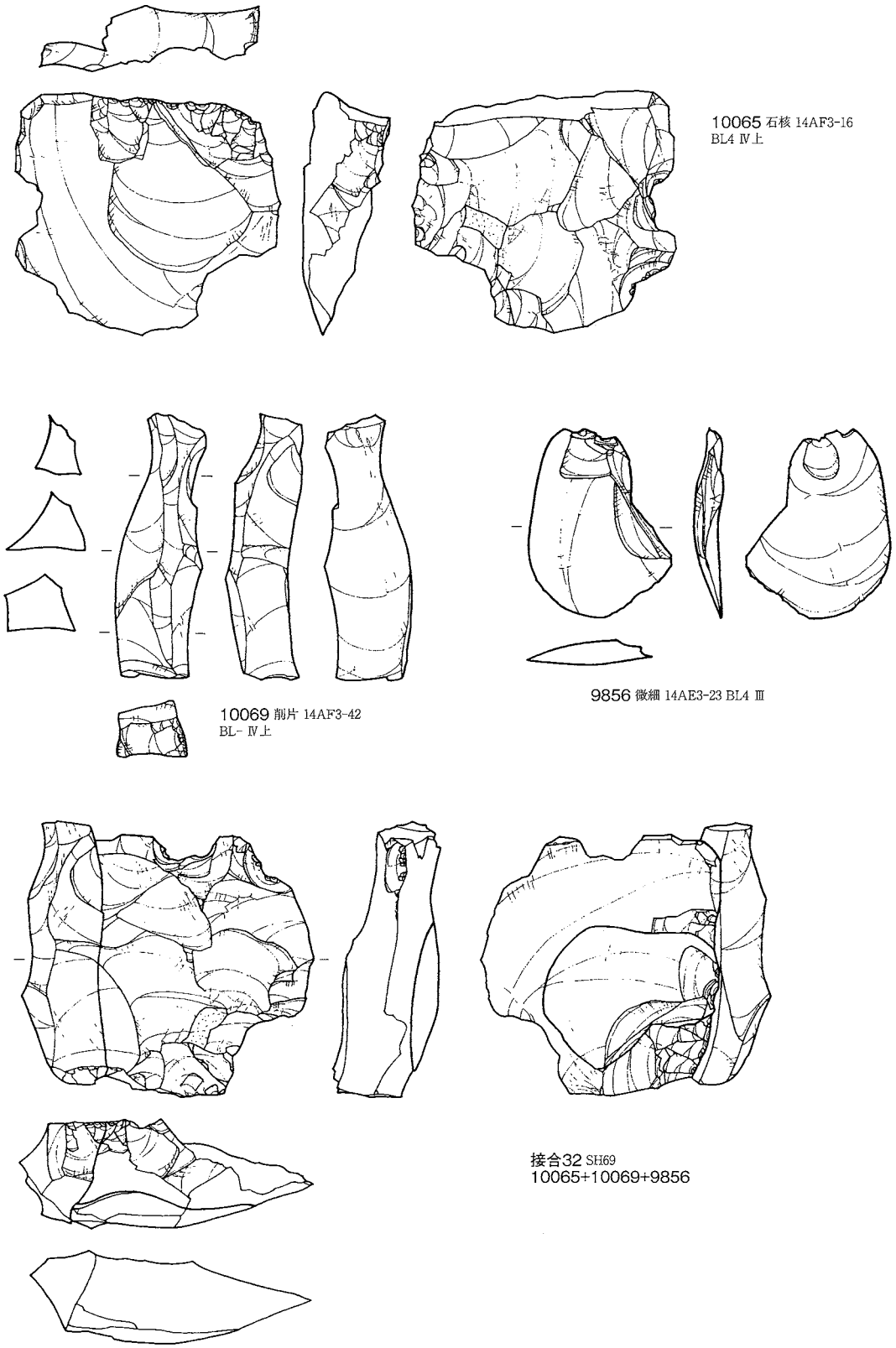


石器図版110　上ノ原ⅣB石器群（5）（7：10）

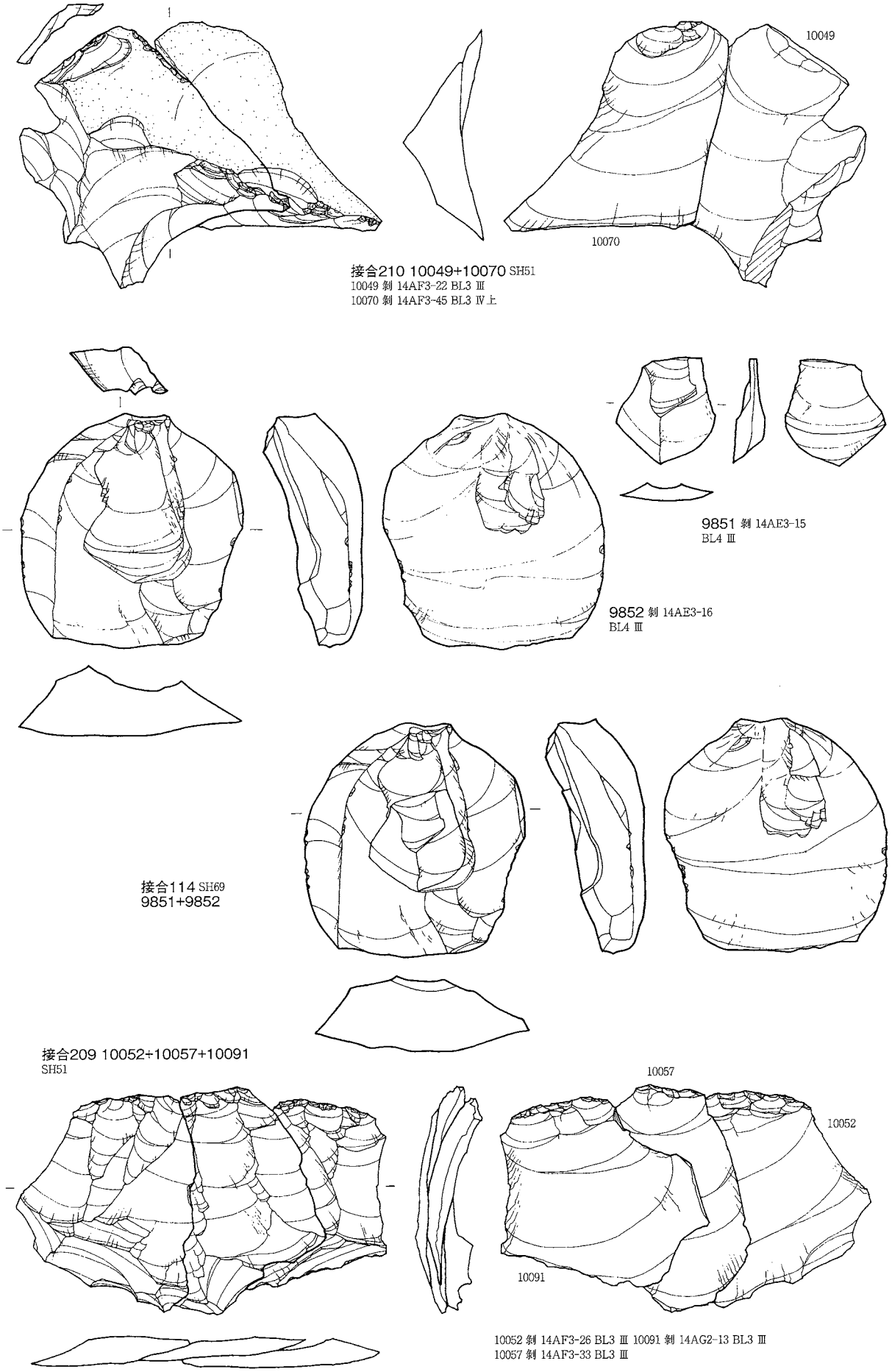


接合19
a:9966 14AF2-55,9967 14AF2-56,9970 14AF2-65,
9984 14AF2-96,6040 12UG8-3,9806 14AE1-23,
9952 14AF2-73 剝
b:9933 14AF2-6,10008 14AF2-63,10019 14AF2-121 剝
c:9931 14AF2-4 石核,10006 14AF2-49,9947 14AF2-52,
10007 14AF2-61,10120 14AG3-24 剝

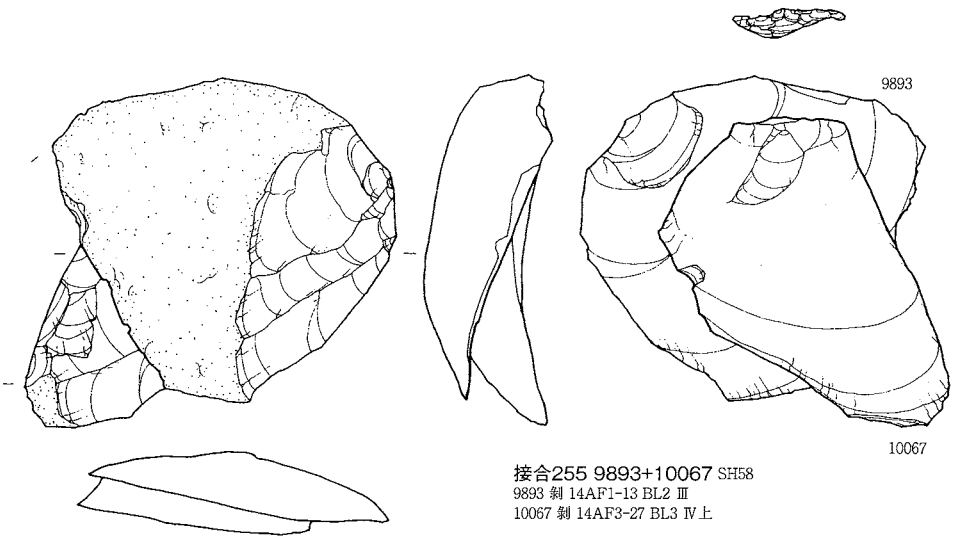
石器図版111　上ノ原ⅣB石器群（6）（7：10）



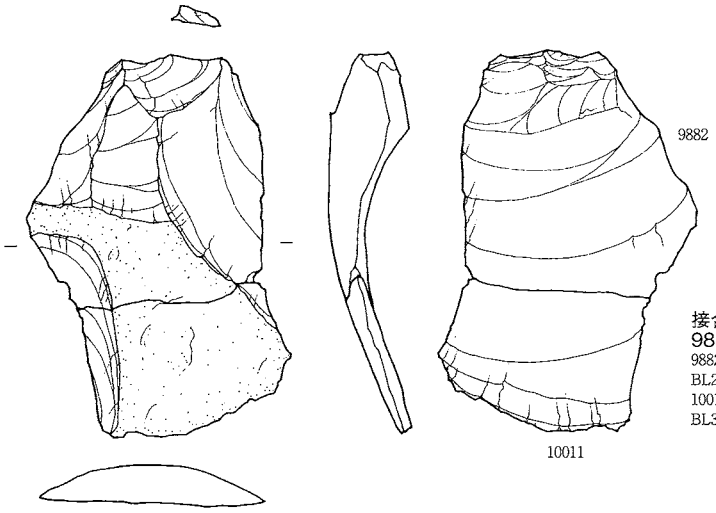
石器図版112　上ノ原ⅣB石器群（7）（7：10）



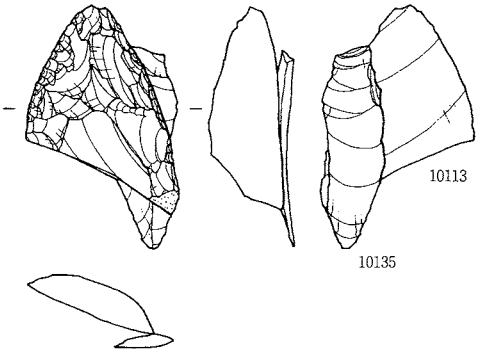
石器図版113　上ノ原ⅣB石器群（8）（7：10）



接合255 9893+10067 SH58
9893 剝 14AF1-13 BL2 Ⅲ
10067 剝 14AF3-27 BL3 Ⅳ上

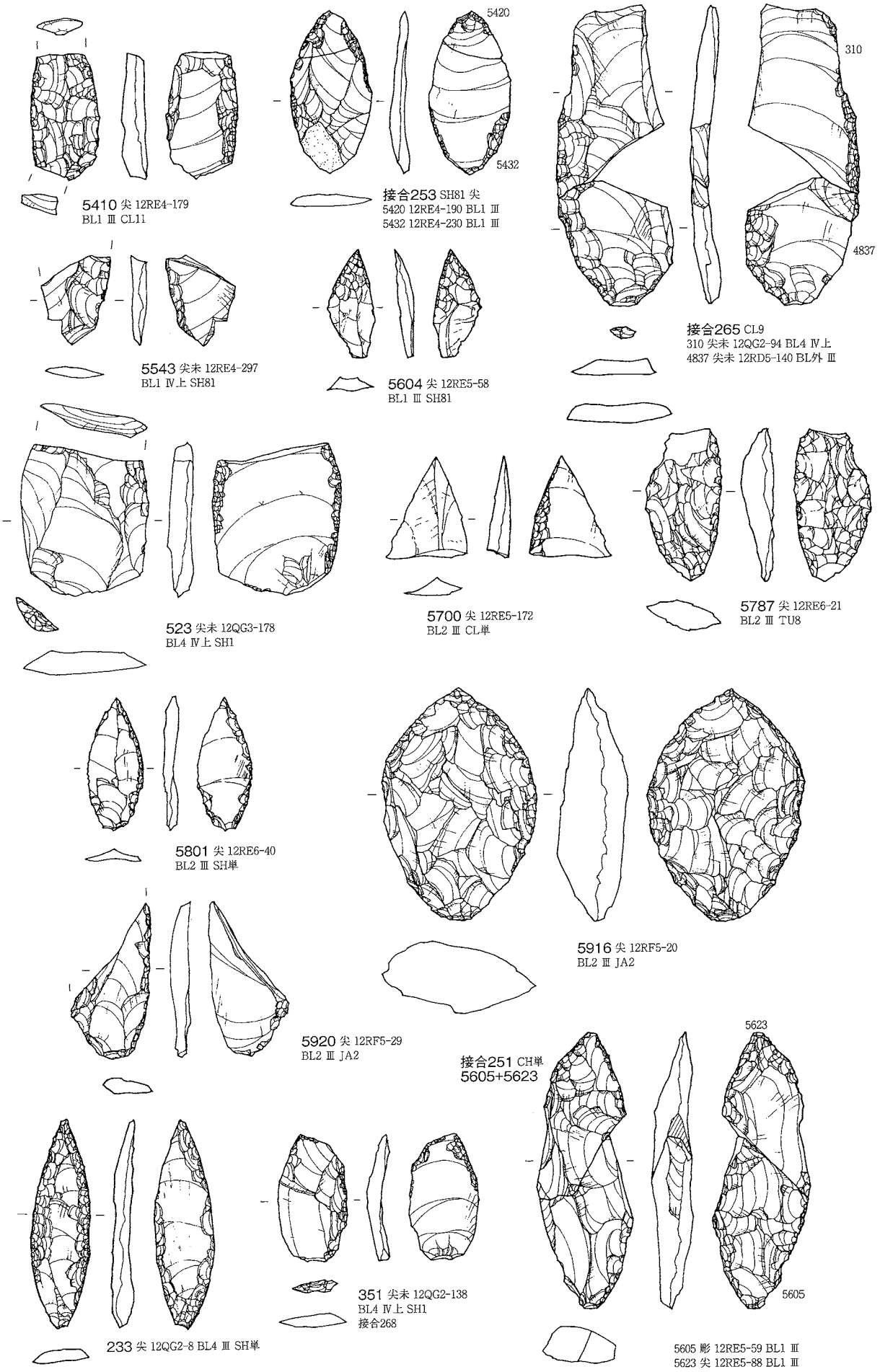


接合256 SH58
9882+10011
9882 剝 14AF1-8
BL2 Ⅲ
10011 剝 14AF2-80
BL3 Ⅳ上

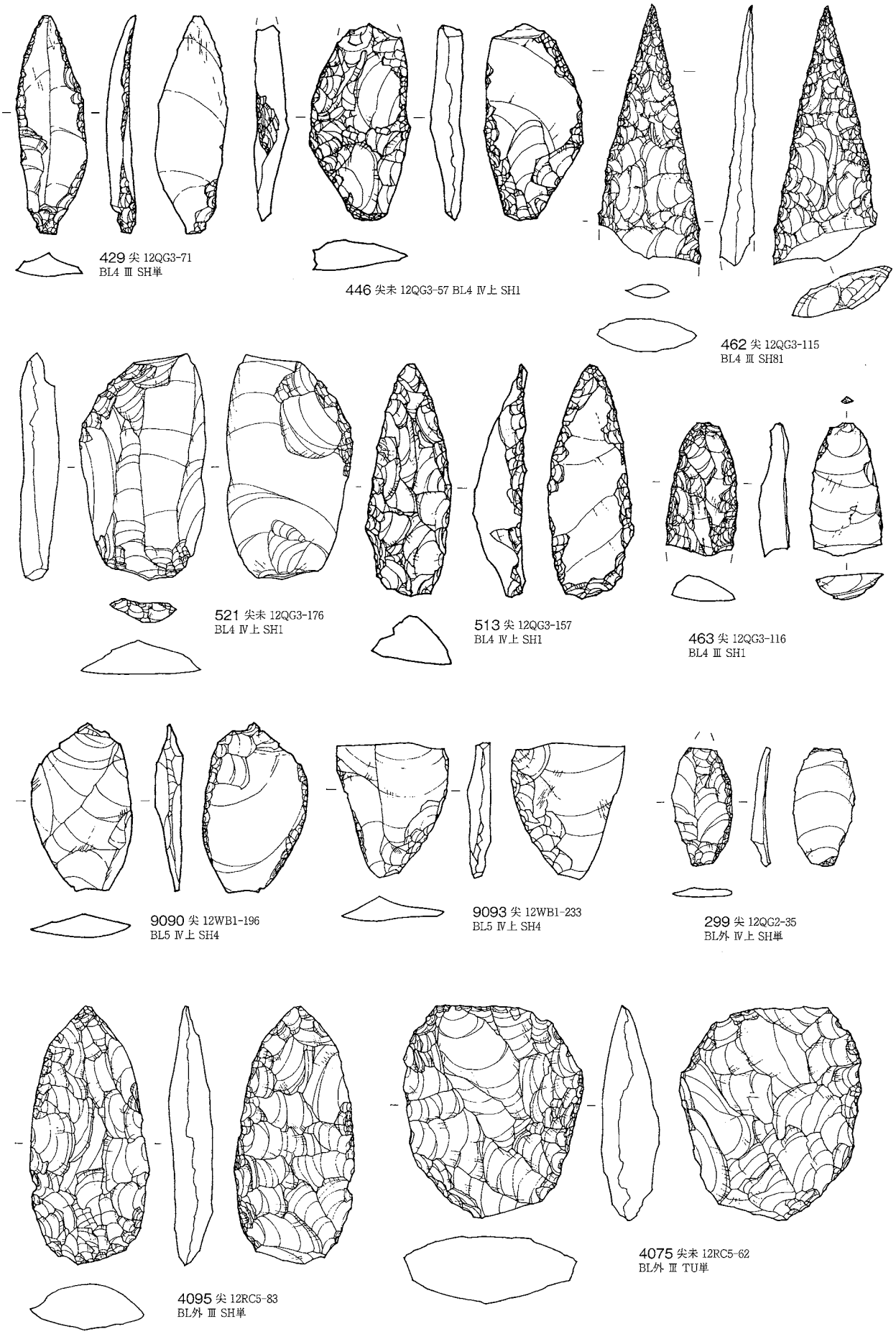


接合261 10113+10135 SH51
10113 尖 14AG3-44 BL3 Ⅱ
10135 微細 14AG3-17 BL3 Ⅳ上

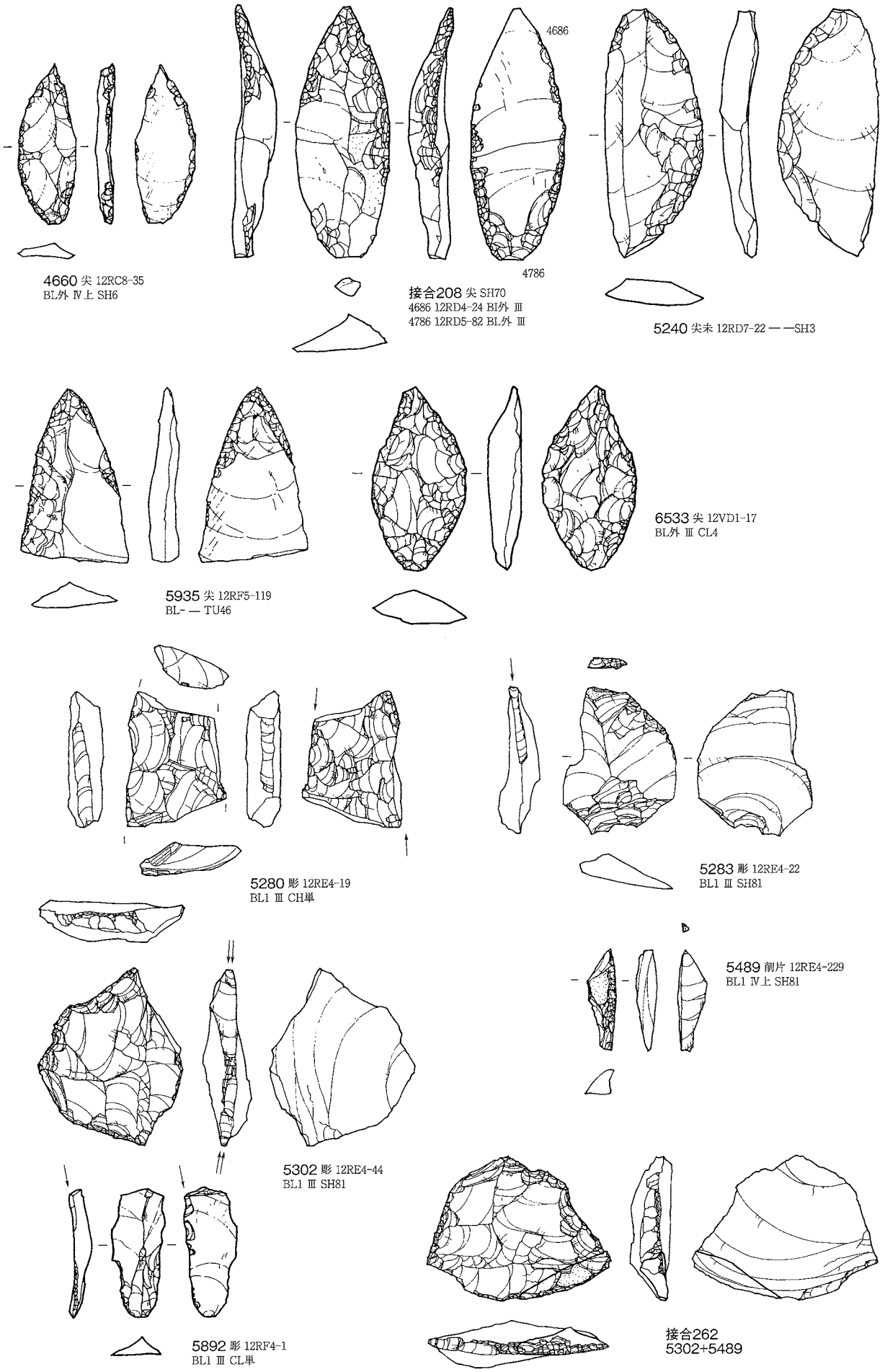
石器図版114　上ノ原ⅣB石器群（9）（7：10）



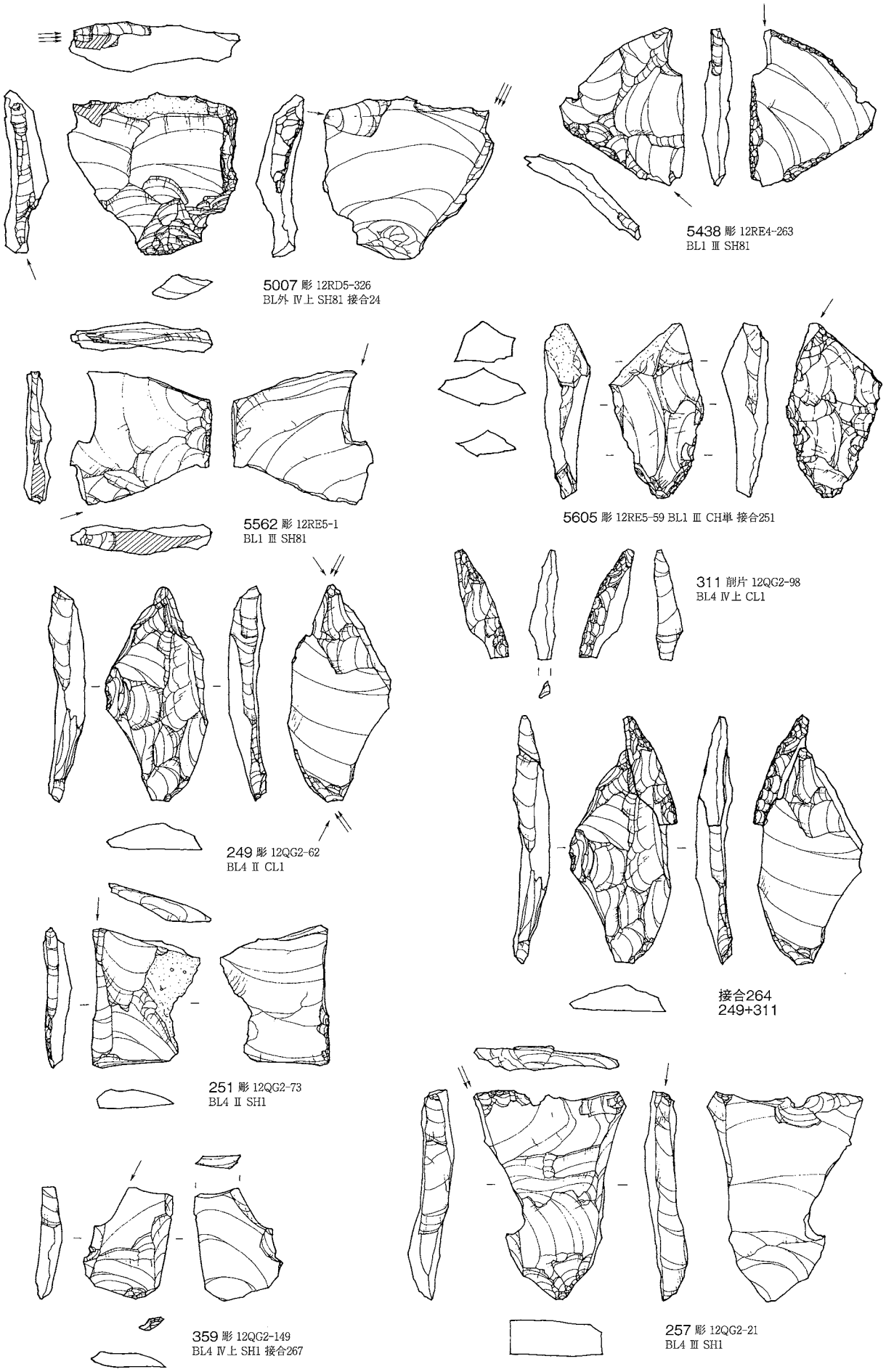
石器図版115　上ノ原ⅣC石器群（1）（7：10）



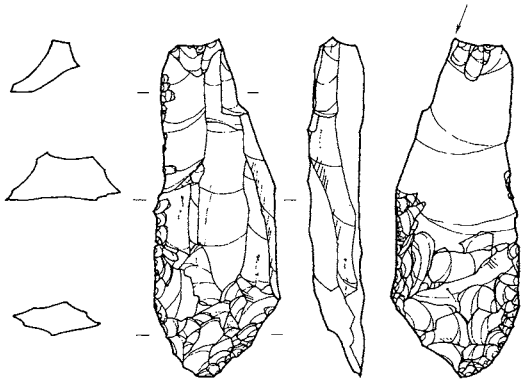
石器図版116　上ノ原ⅣC石器群（2）（7：10）



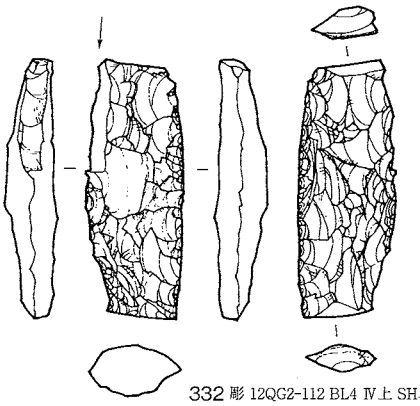
石器図版117　上ノ原ⅣC石器群（3）（7：10）



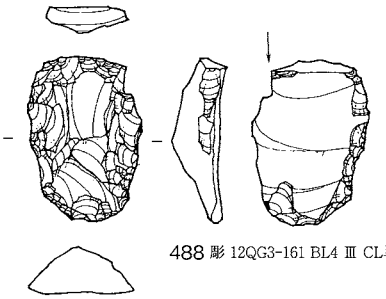
石器図版118　上ノ原ⅣC石器群（4）（7：10）



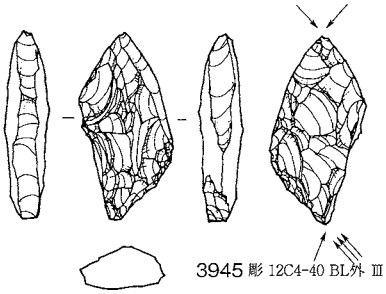
263 彫 12QG2-39
BL4 Ⅲ CL11



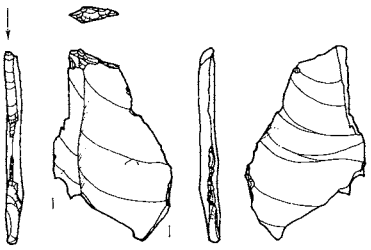
332 彫 12QG2-112 BL4 Ⅳ上 SH単



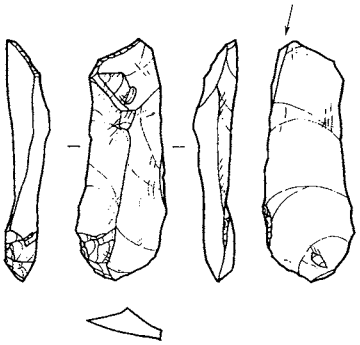
488 彫 12QG3-161 BL4 Ⅲ CL単



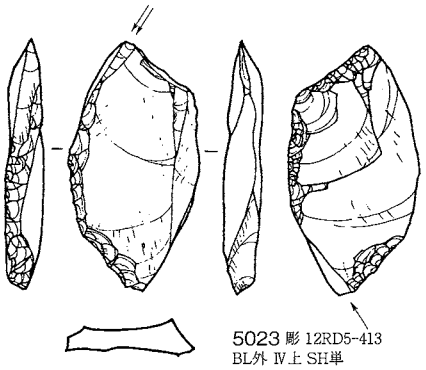
3945 彫 12C4-40 BL外 Ⅲ SH単



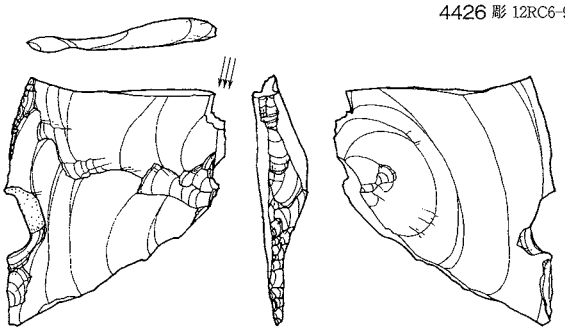
638 彫 12QG4-71 BL外 Ⅳ上 SH1



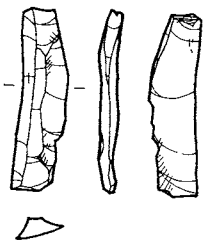
4426 彫 12RC6-94 BL外 Ⅳ上 SH2



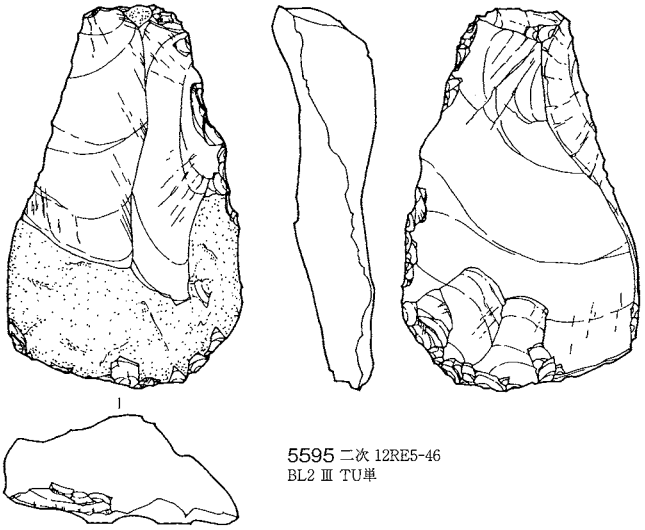
5023 彫 12RD5-413
BL外 Ⅳ上 SH単



5348 彫 12RE4-46 BL1 Ⅳ上 SH81 接合17

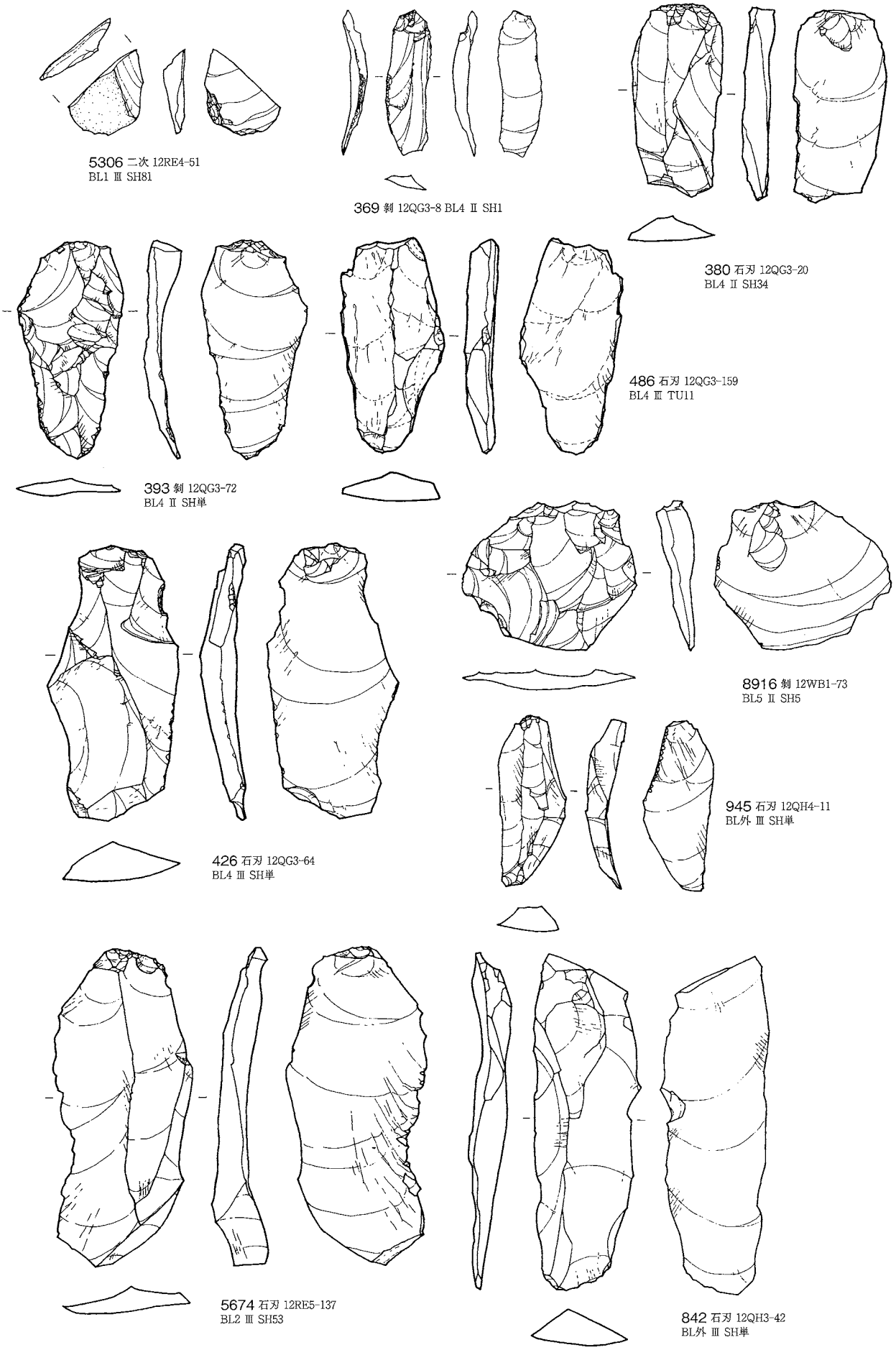


481 削片 12QG3-149
BL4 Ⅲ SH2 接合266

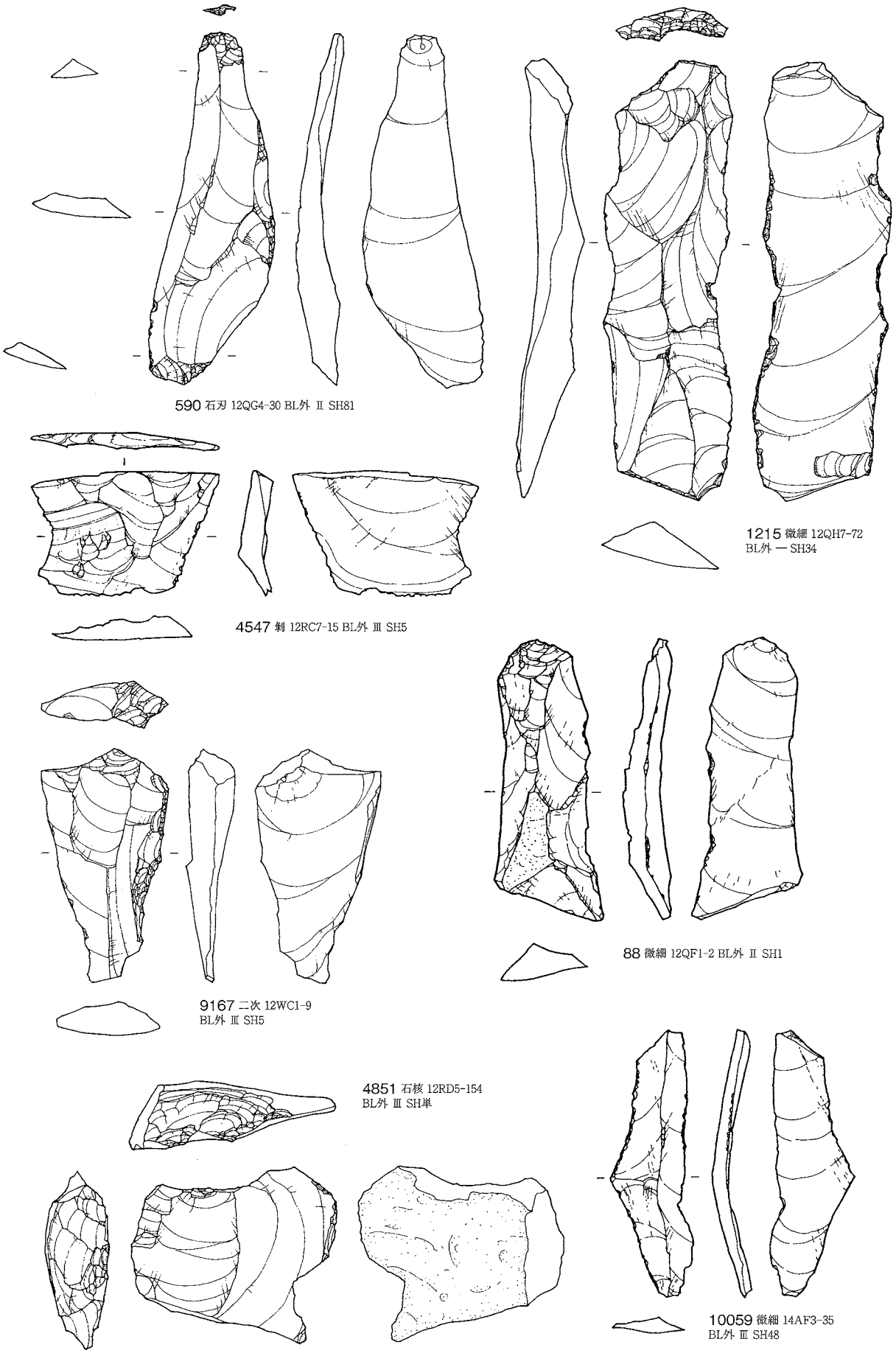


5595 二次 12RE5-46
BL2 Ⅲ TU単

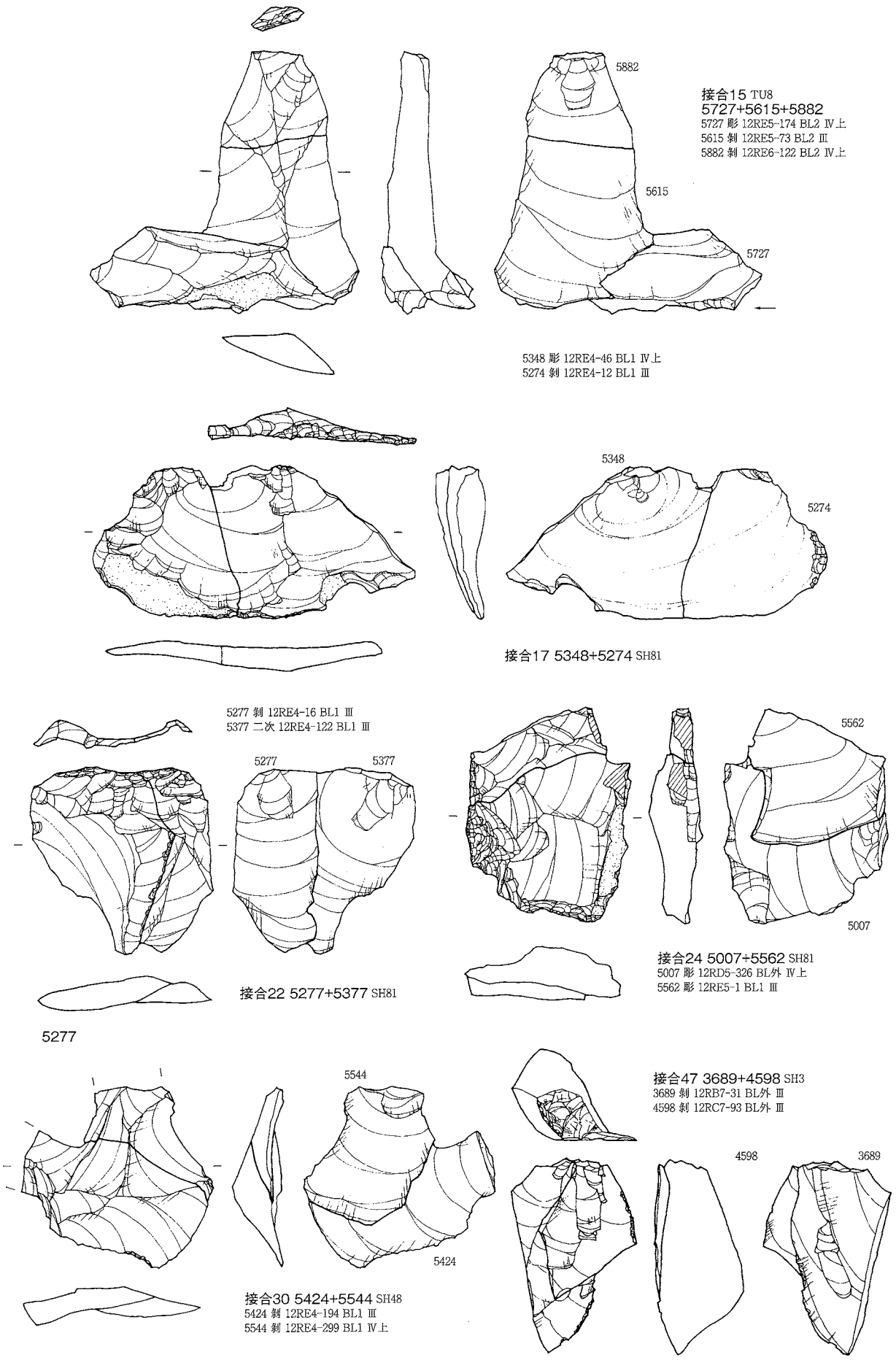
石器図版119　上ノ原ⅣC石器群（5）（7：10）



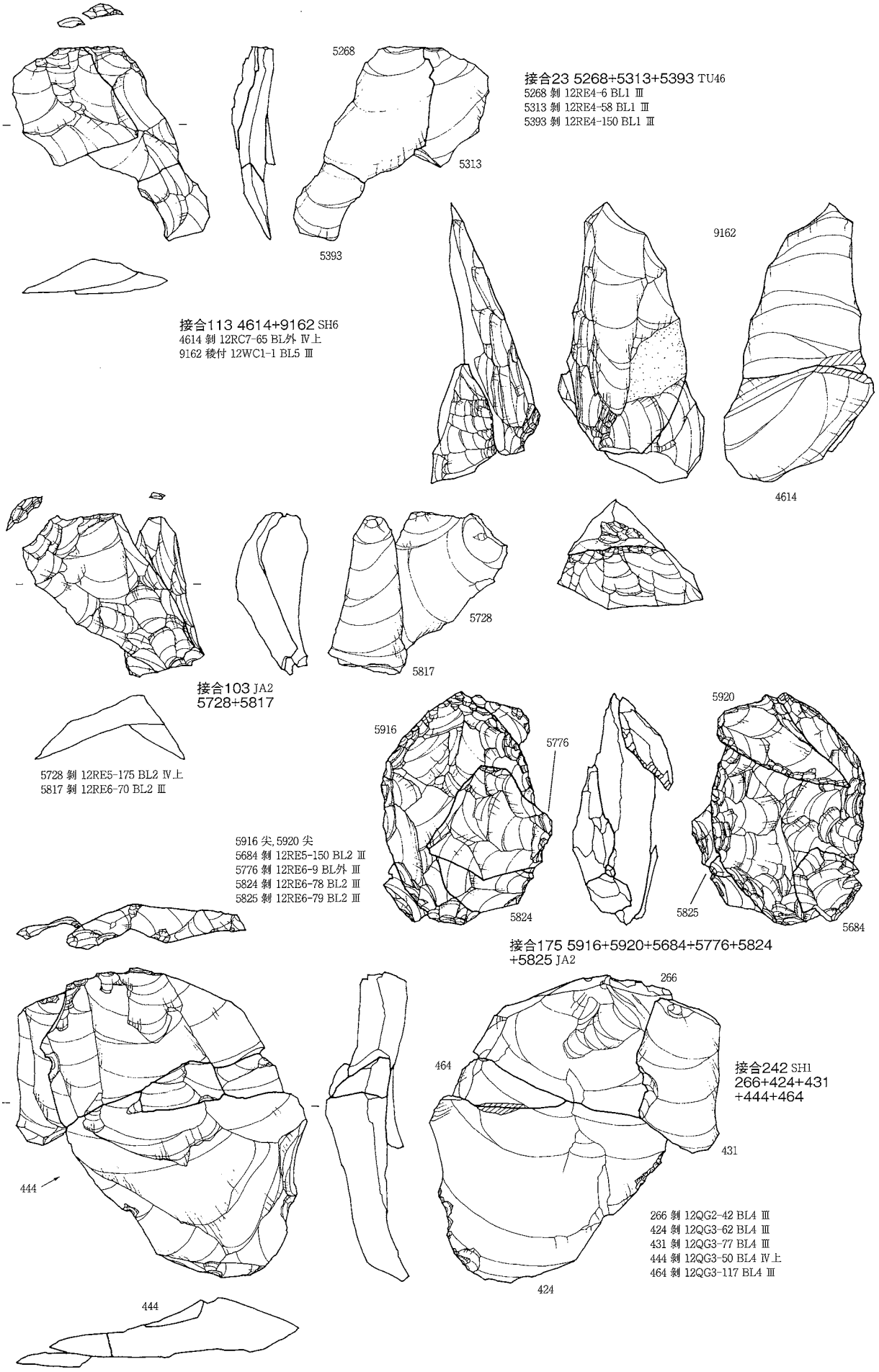
石器図版120　上ノ原ⅣC石器群（6）（7：10）



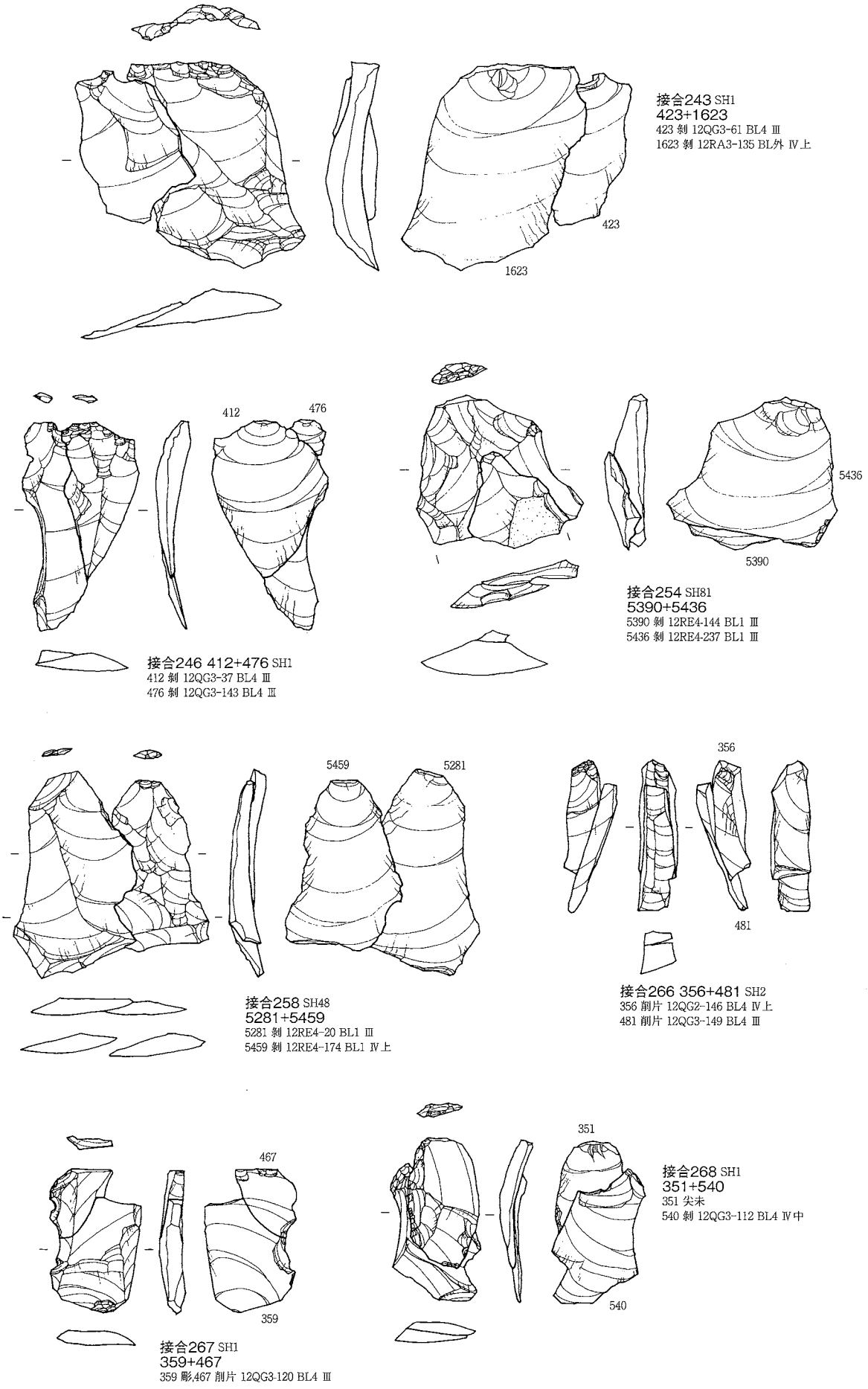
石器図版121　上ノ原ⅣC石器群（7）（7：10）



石器図版122　上ノ原ⅣC石器群（8）（7：10）



石器図版123　上ノ原ⅣC石器群（9）（7：10）



接合243 SH1
423+1623
423 剝 12QG3-61 BL4 Ⅲ
1623 剝 12RA3-135 BL外 Ⅳ上

接合246 412+476 SH1
412 剝 12QG3-37 BL4 Ⅲ
476 剝 12QG3-143 BL4 Ⅲ

接合254 SH81
5390+5436
5390 剝 12RE4-144 BL1 Ⅲ
5436 剝 12RE4-237 BL1 Ⅲ

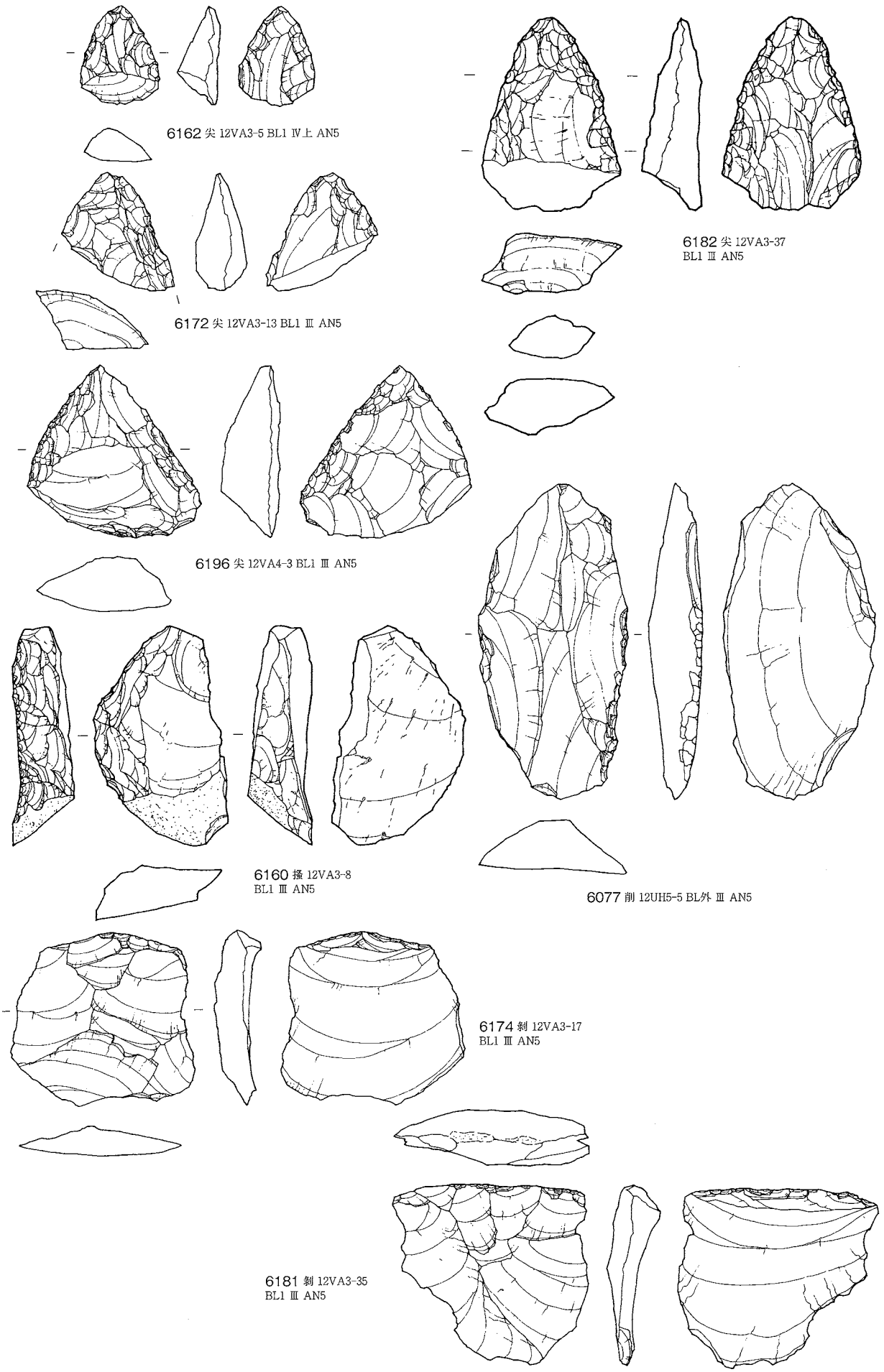
接合258 SH48
5281+5459
5281 剝 12RE4-20 BL1 Ⅲ
5459 剝 12RE4-174 BL1 Ⅳ上

接合266 356+481 SH2
356 削片 12QG2-146 BL4 Ⅳ上
481 削片 12QG3-149 BL4 Ⅲ

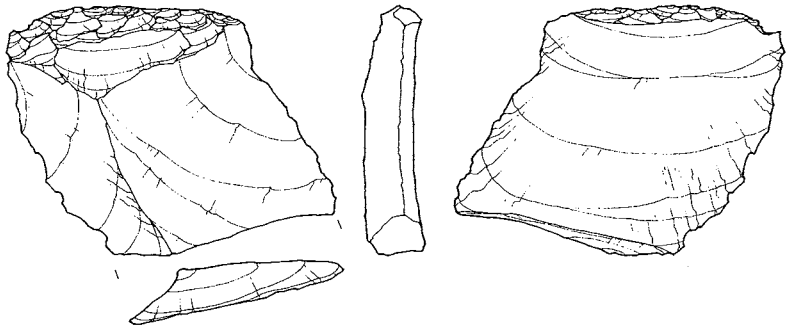
接合268 SH1
351+540
351 尖未
540 剝 12QG3-112 BL4 Ⅳ中

接合267 SH1
359+467
359 彫,467 削片 12QG3-120 BL4 Ⅲ

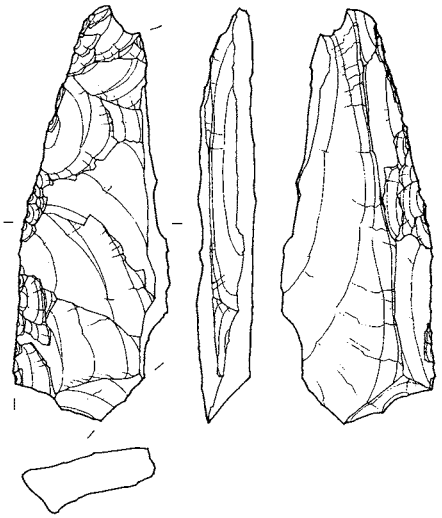
石器図版124　上ノ原ⅣC石器群（10）（7：10）



石器図版125　上ノ原ⅣD石器群（1）（7：10）

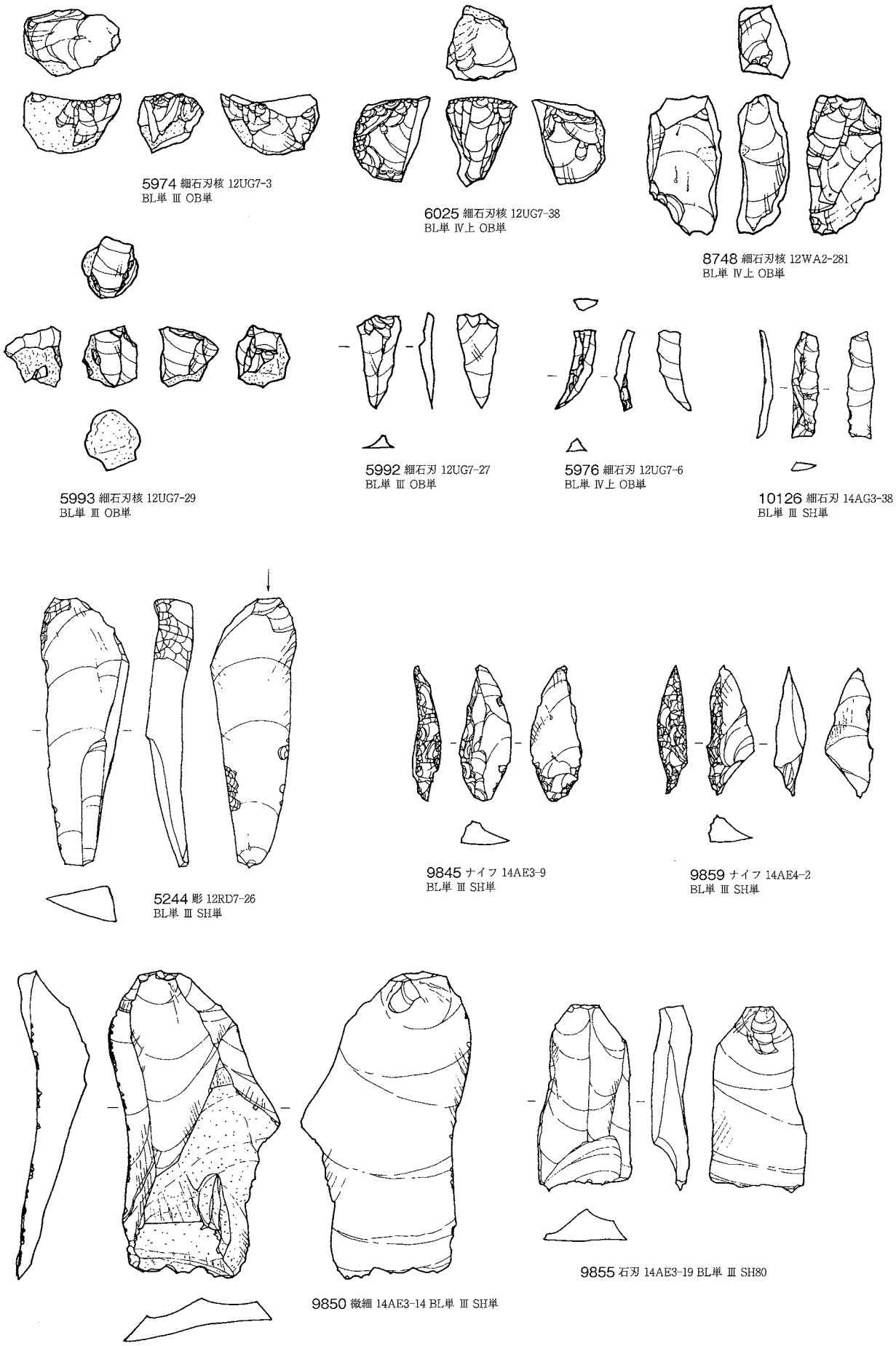


6211 剝 12VA4-15
BL1 Ⅲ AN5

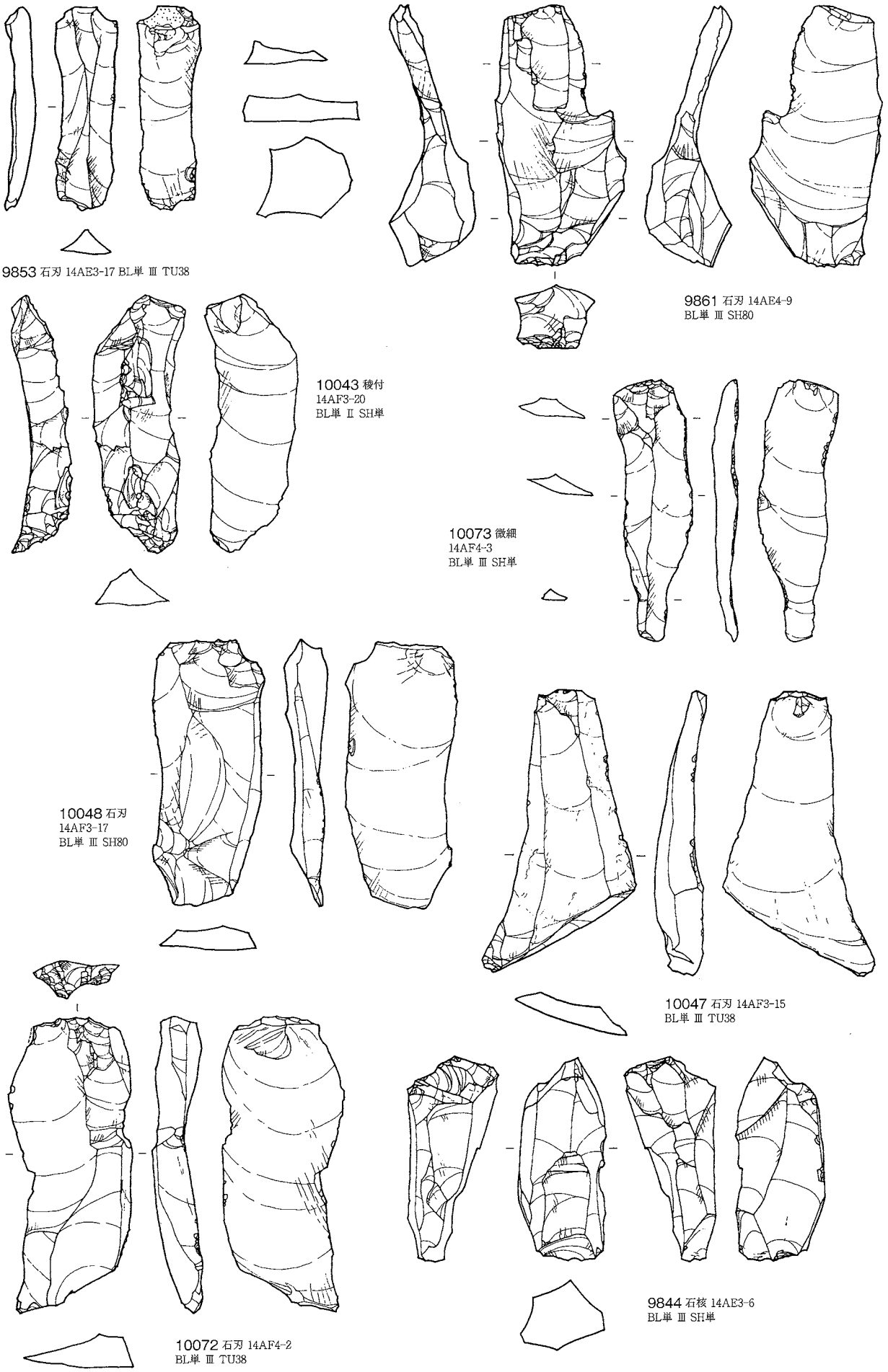


6302 剝 12VB4-6
BL外 Ⅱ AN5

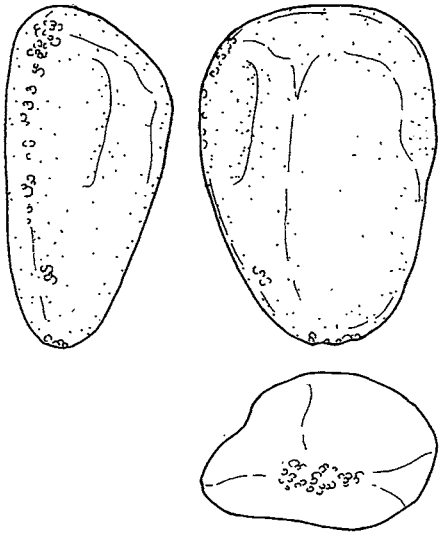
石器図版126　上ノ原ⅣD石器群（2）（7：10）



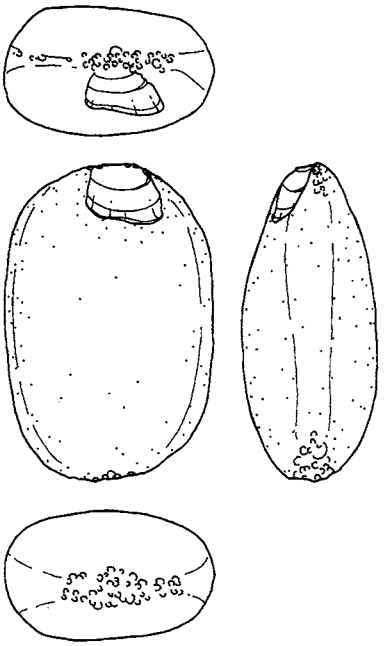
石器図版127　その他の石器群（1）　上2段（1：1）・下2段（7：10）



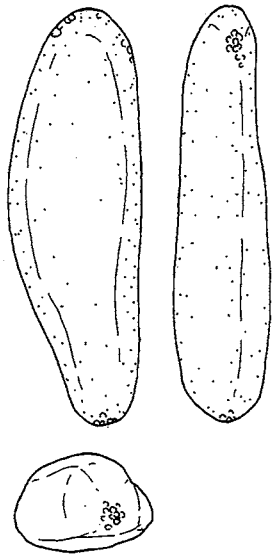
石器図版128　その他の石器群（2）（7：10）



989 敲石 12QH4-73 上Ⅱ
BL8 Ⅲ SAND

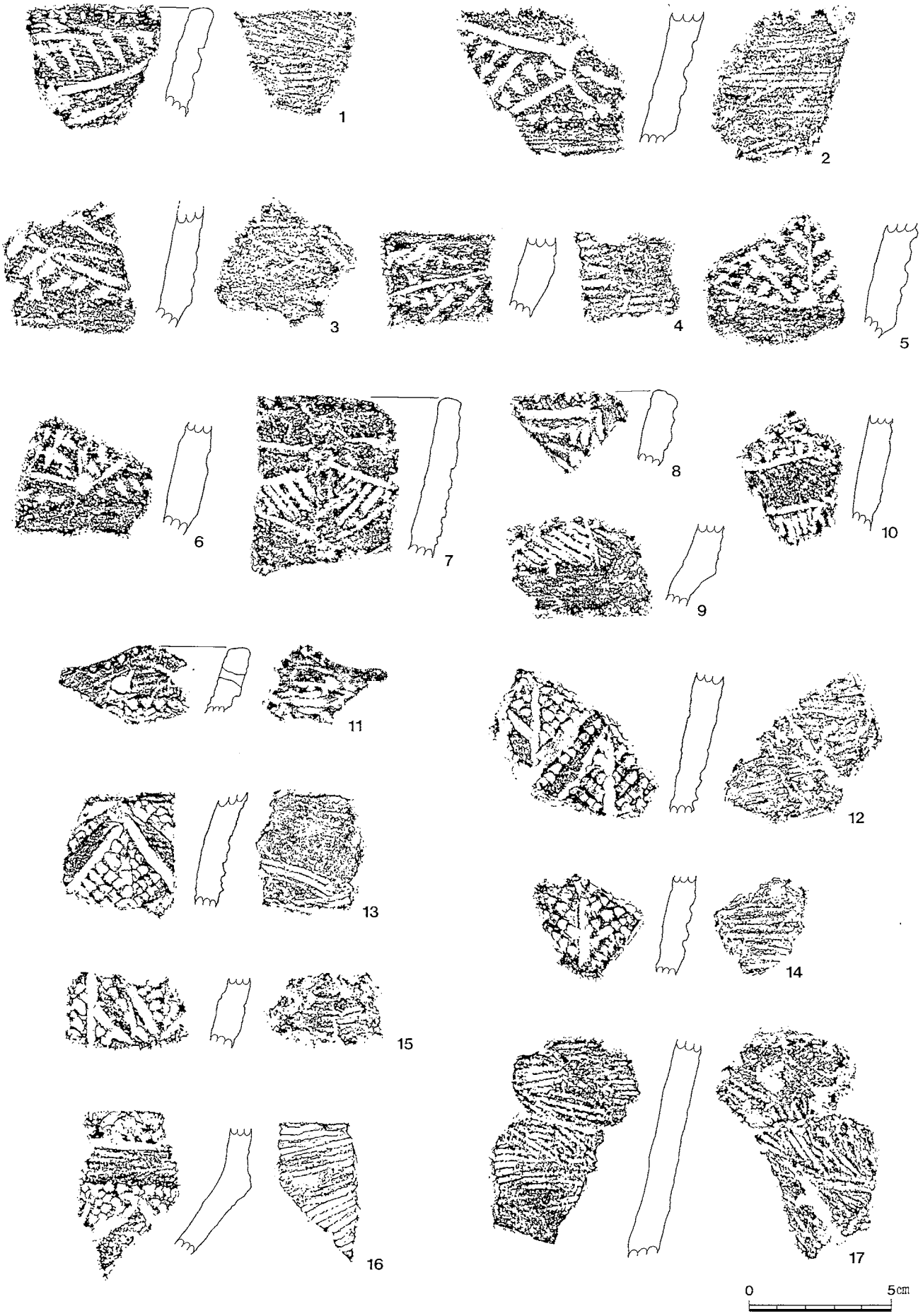


174 敲石 12QF7-80 上Ⅲ
BL10 Ⅲ SAND

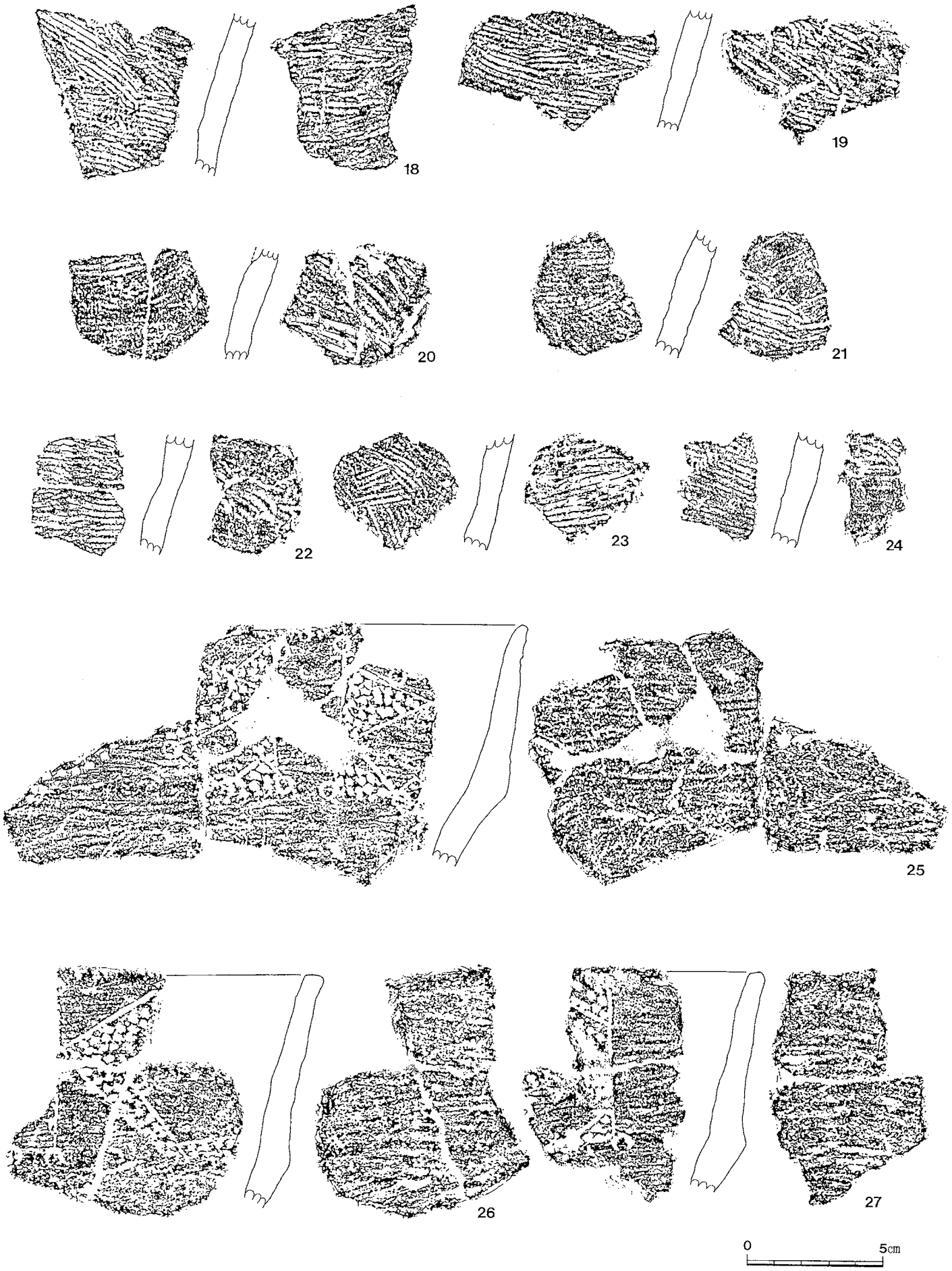


6283 敲石 12VA7-24 上ⅣA
BL13 Va SAND

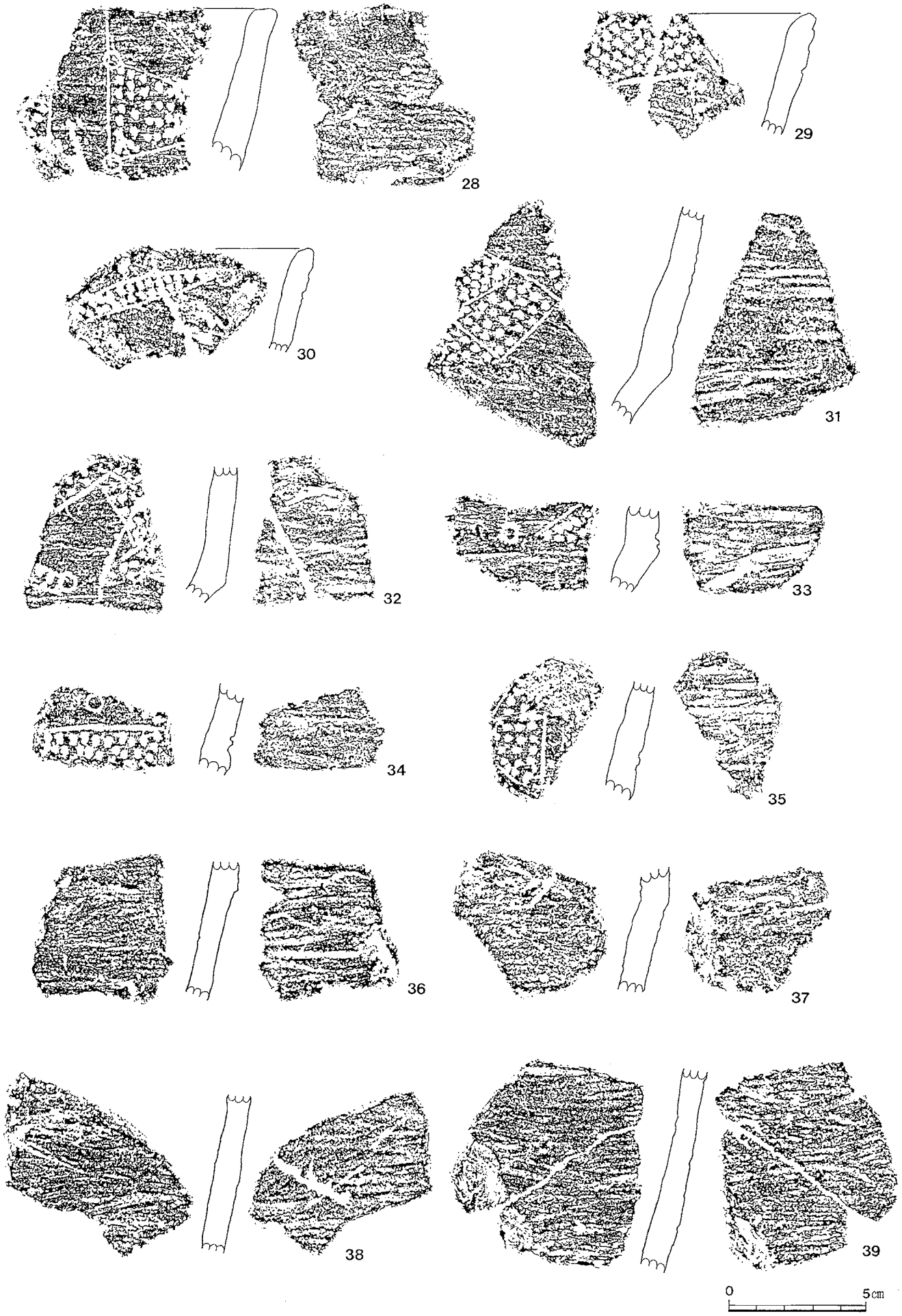
石器図版129　敲石　上Ⅱ・上Ⅲ・上ⅣA石器群（7：10）



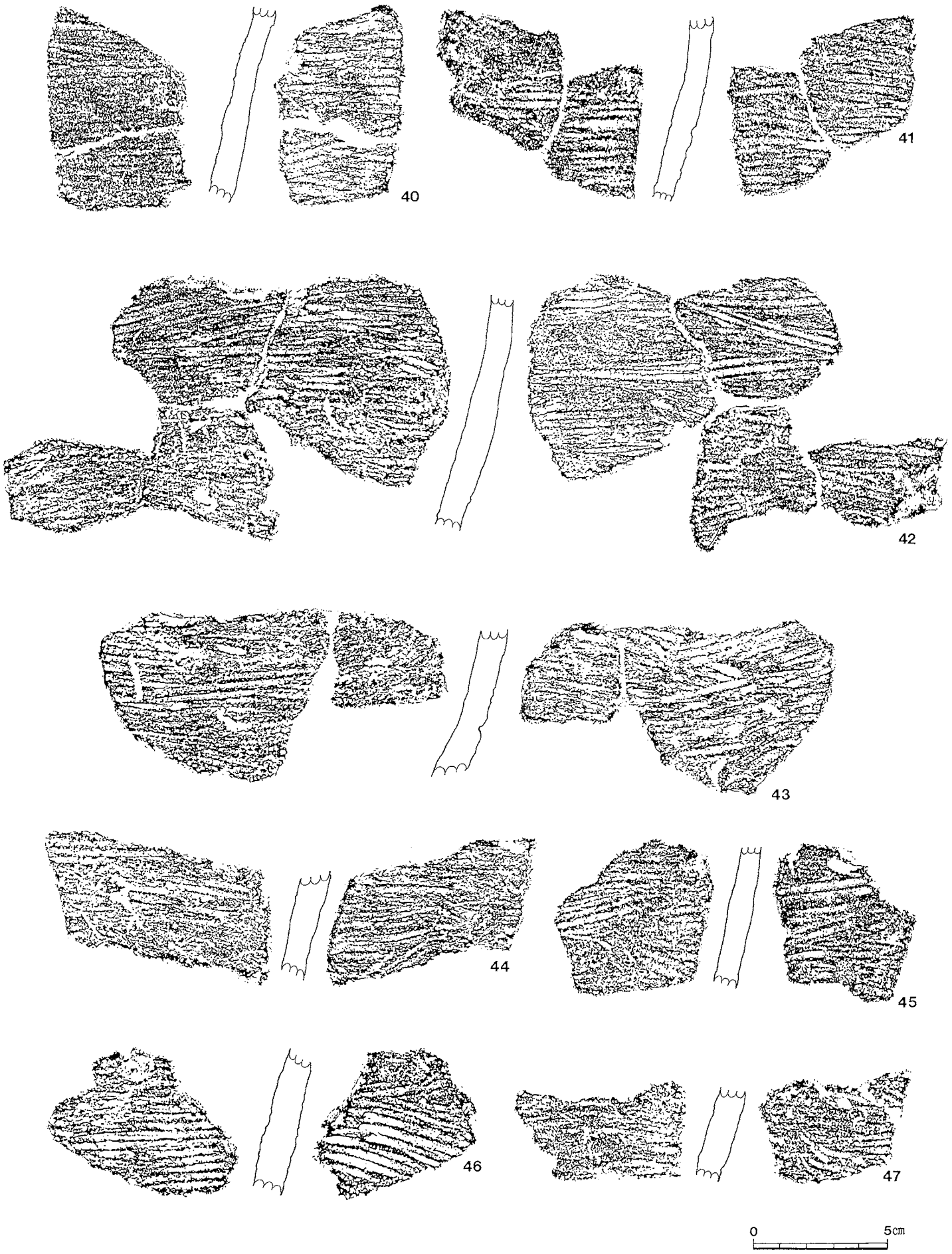
土器図版１　上ノ原遺跡出土の縄文土器１　早期条痕文土器



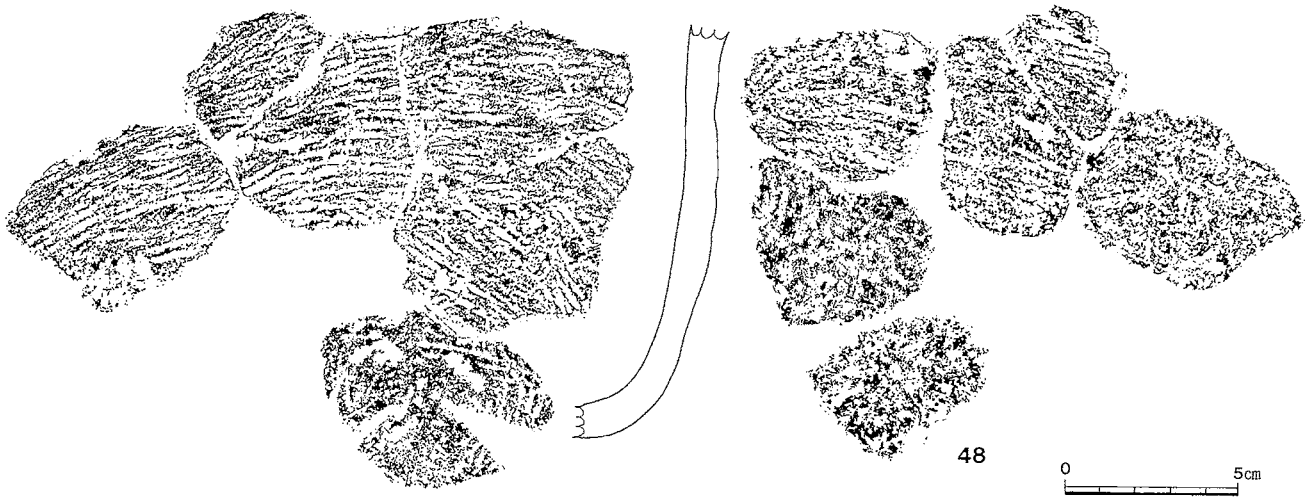
土器図版２　上ノ原遺跡出土の縄文土器２　早期条痕文土器

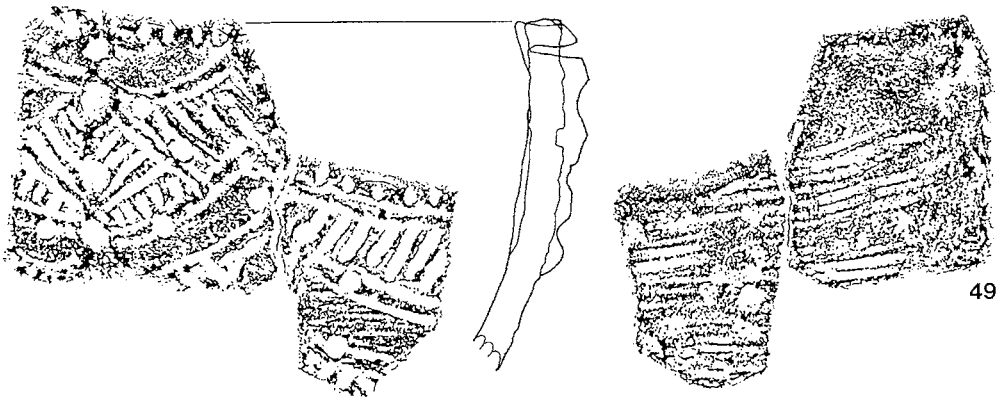


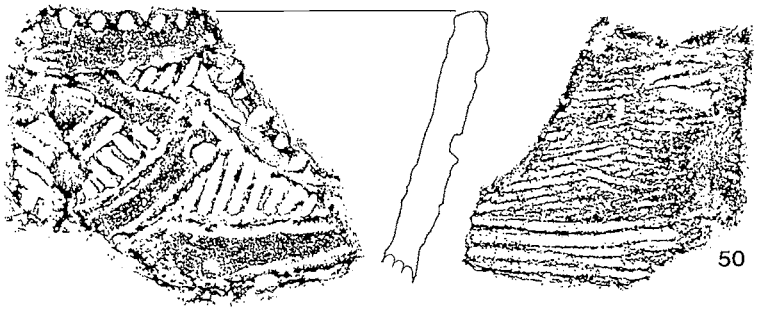
土器図版３　上ノ原遺跡出土の縄文土器３　早期条痕文土器

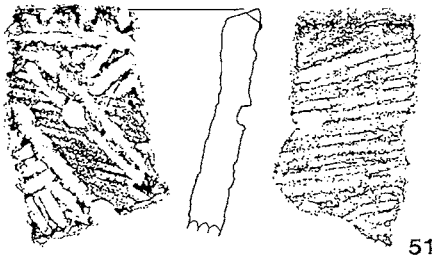


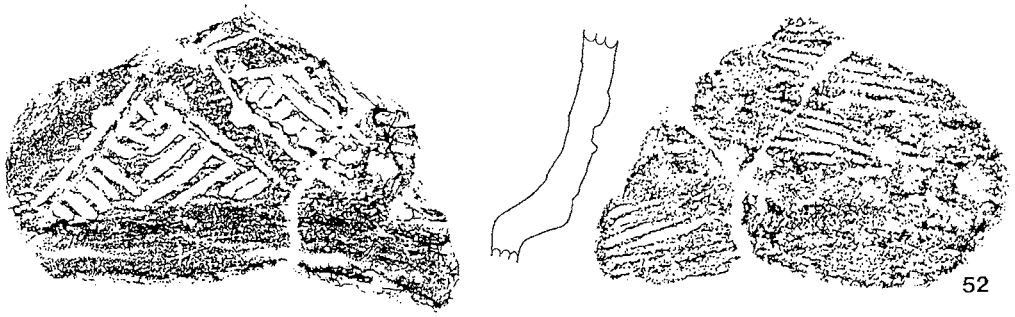
土器図版４　上ノ原遺跡出土の縄文土器４　早期条痕文土器

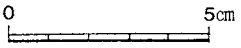






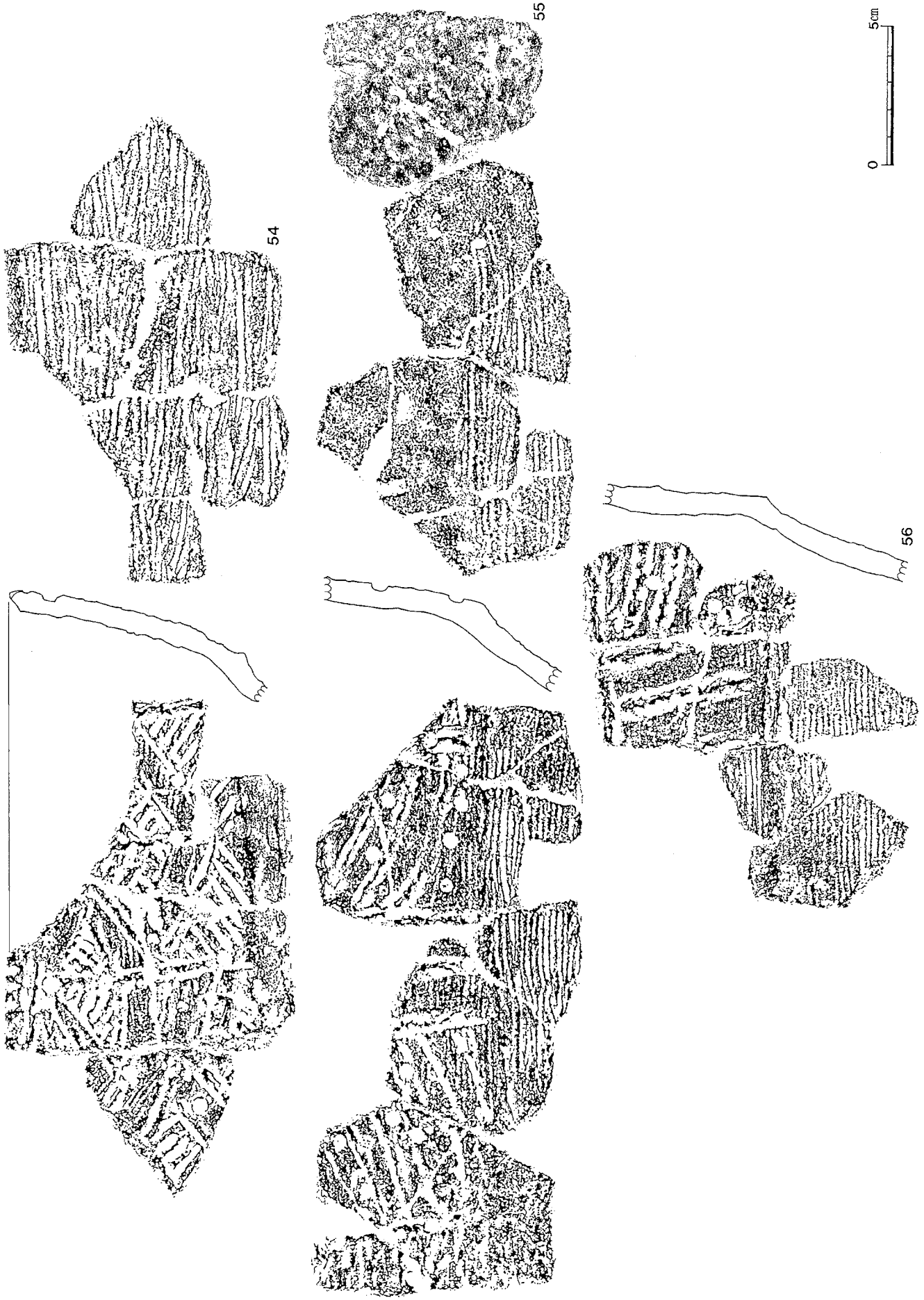




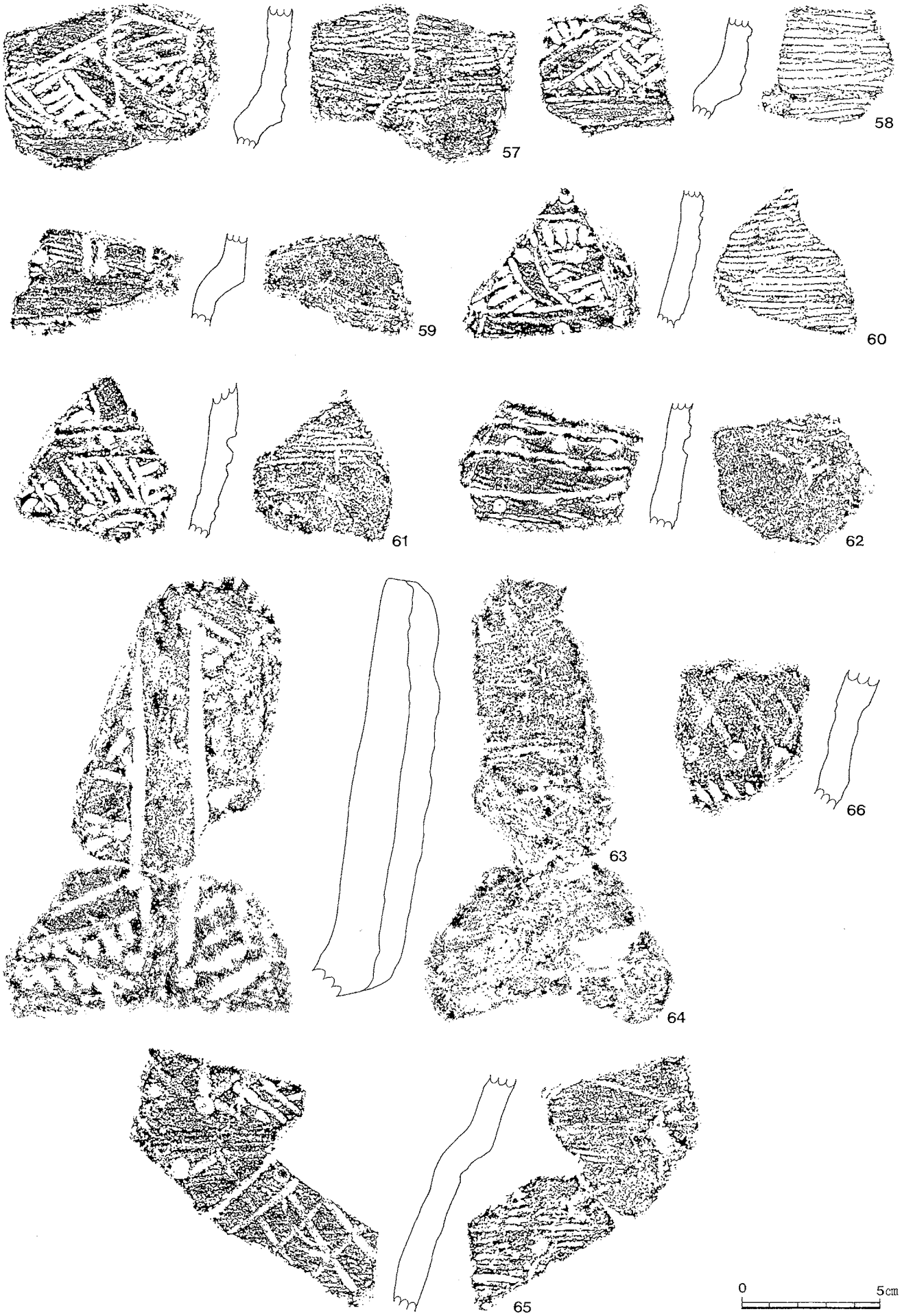


土器図版５　上ノ原遺跡出土の縄文土器５　早期条痕文土器

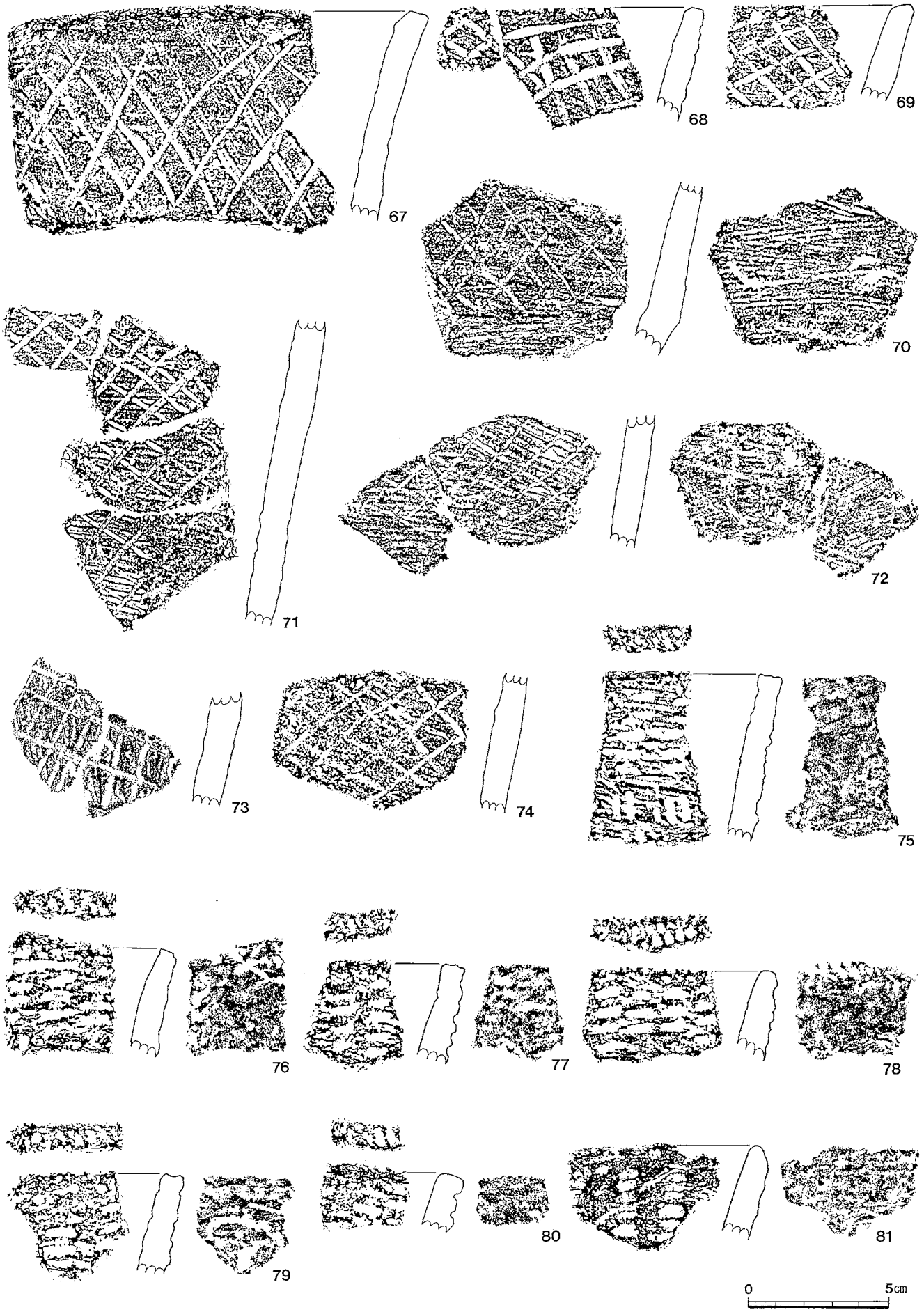
土器図版６　上ノ原遺跡出土の縄文土器６　早期条痕文土器



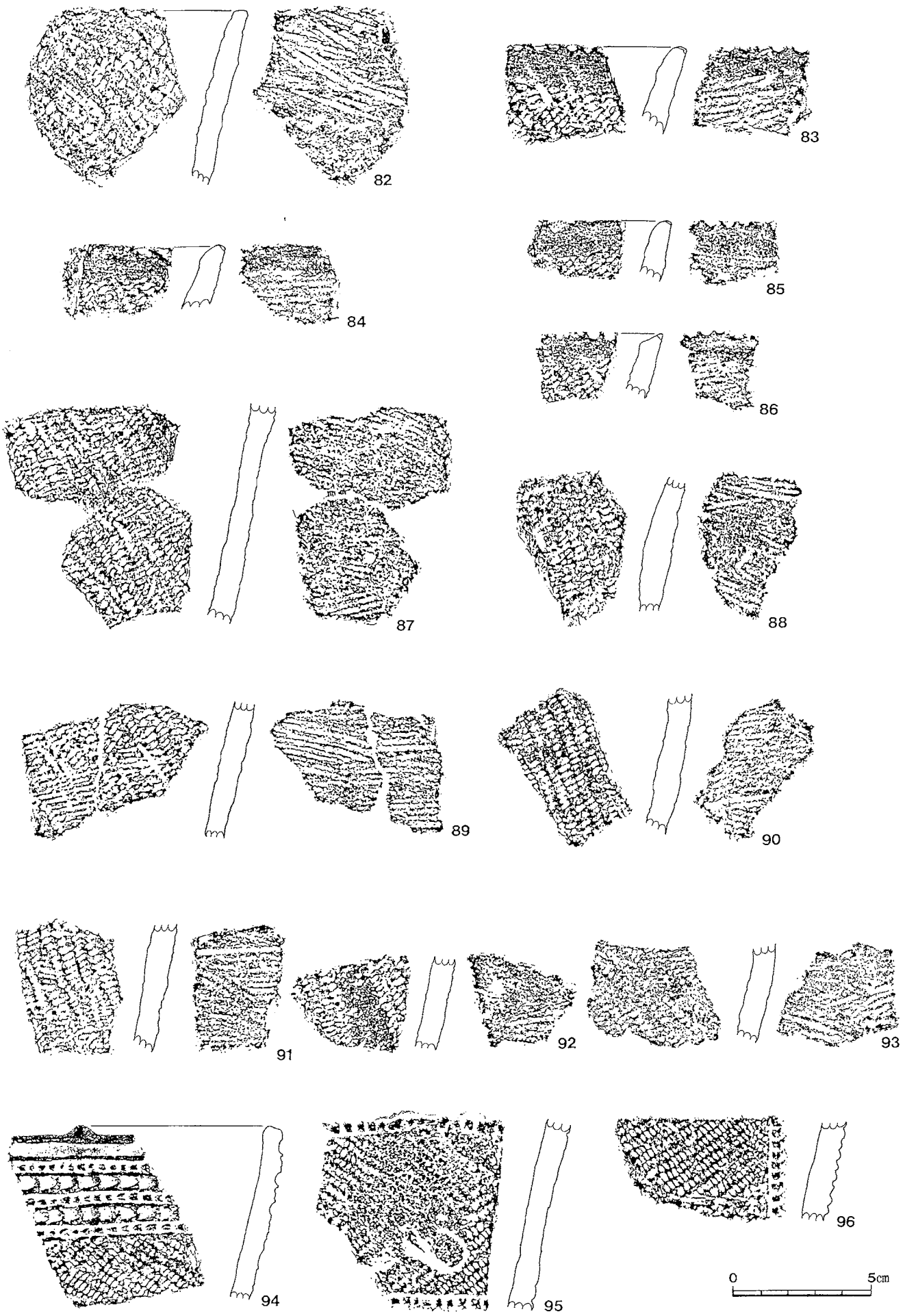
土器図版７　上ノ原遺跡出土の縄文土器７　早期条痕文土器



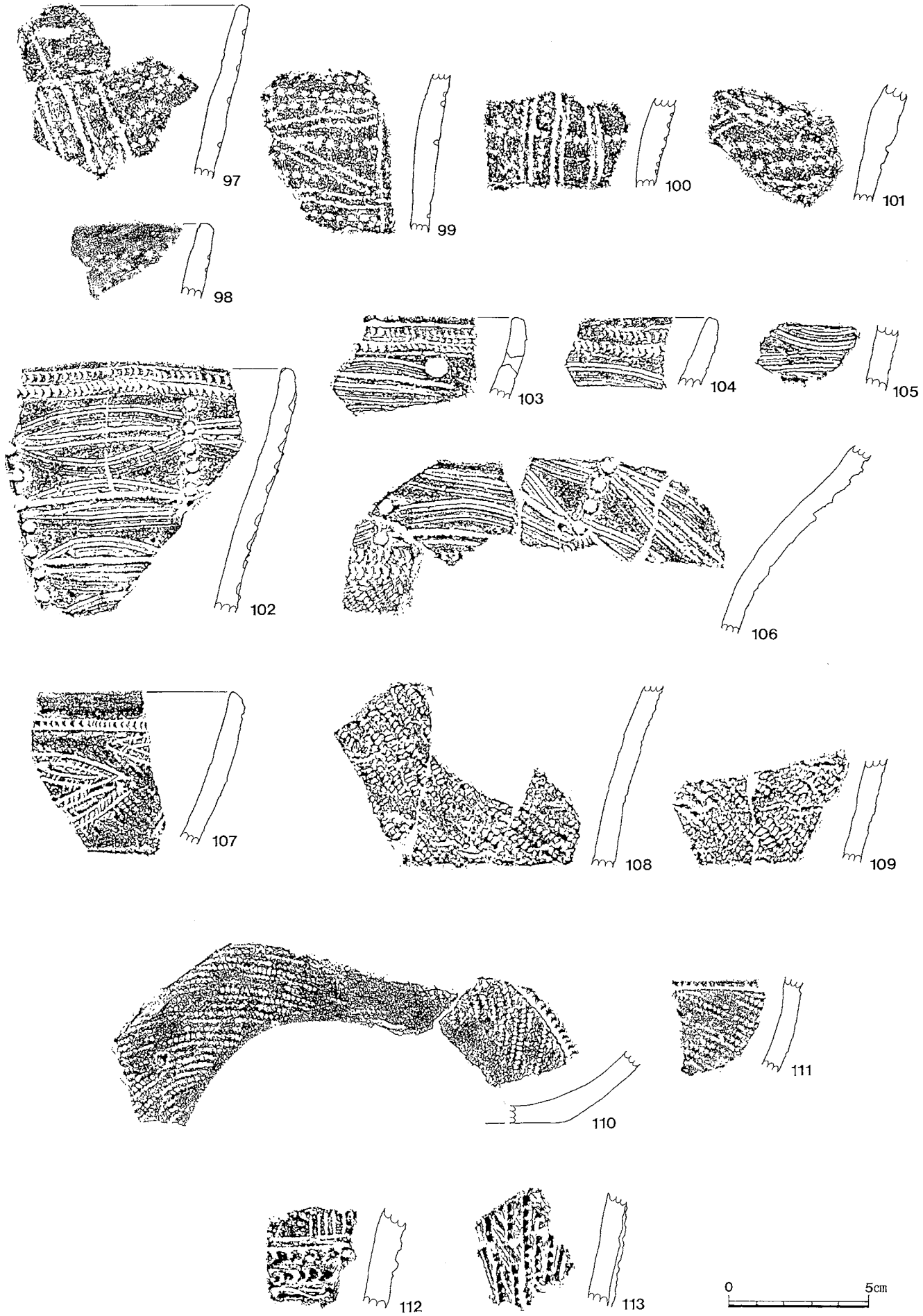
土器図版８　上ノ原遺跡出土の縄文土器８　早期条痕文土器・沈線文土器（65・66）



土器図版９　上ノ原遺跡出土の縄文土器９　早期沈線文土器（67－74）、絡条体圧痕文土器（75－81）



土器図版10　上ノ原遺跡出土の縄文土器10　早期縄文土器（82−93）、前期土器（94−96）



土器図版11　上ノ原遺跡出土の縄文土器11　前期土器

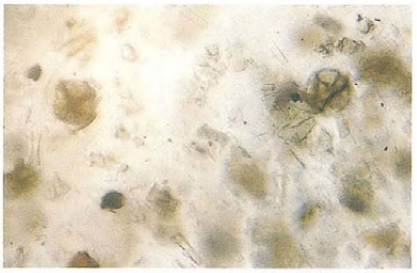
スケール　実体顕微鏡 A…×10　B…×40、生物顕微鏡 C…×40　D…×100　E…×200

1　**OB1**, 1-39, 33, 12QE7-6, 和田峠（1 群）　E
毛状晶子, ヒトデ状

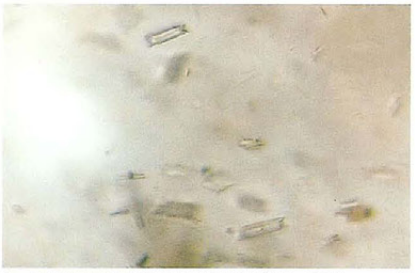
2　**OB3**, 1-185, 4992, 12RD5-292, 和田峠（1 群）　D
針状晶子, 微球体

3　**OB4**, 1-99, 3626, 12RB6-100, 和田峠（5 群）　D
短柱状の微晶, 微球体

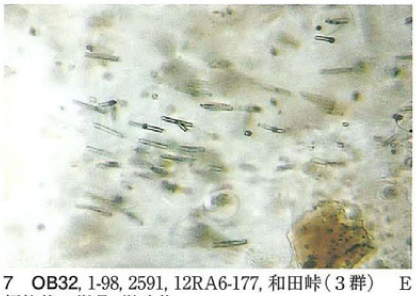
4　**OB11**, 1-139, 9627, 14AB4-3, 和田峠（4 群）　C
短柱状の微晶, 微球体



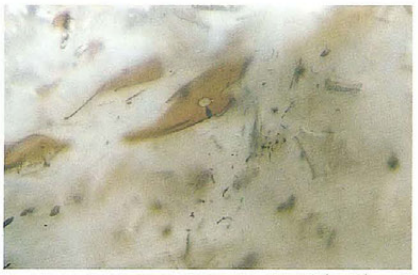
5　**OB15**, 1-167, 6638, 12VD6-1, 霧ヶ峰（観音沢）　D
球顆, 短柱状の微晶



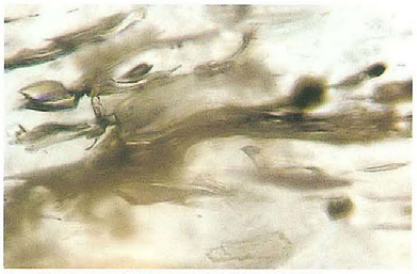
6　**OB29**, 2-7, 3145, 12RB4-339, 鷹山―和田　E
短柱状の微晶



7　**OB32**, 1-98, 2591, 12RA6-177, 和田峠（3 群）　E
短柱状の微晶, 微球体

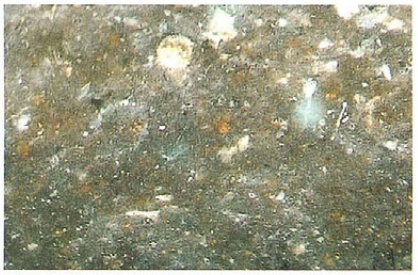


8　**OB41**, 1-159, 2932, 12RB4-75, 和田峠（1 群）　E
リボン状の晶子, 微球体

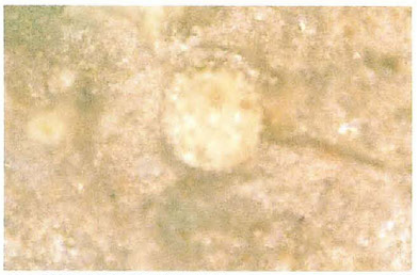


9　**OB42**, 1-153, 6580, 12VD4-27, 麦草峠　E
気泡

10　**SH2**, 321, 12QG2-111, 玉髄質の珪質頁岩　B



11　**SH3**, 8939, 12WB1-58, 玉髄質の珪質頁岩　B
放散虫化石



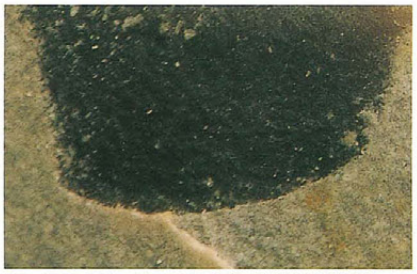
12　**SH3**, 8939, 放散虫化石　D

13　**SH4**, 8920, 12WB1-97, 玉髄質の珪質頁岩　B
放散虫化石

14　**SH4**, 9196, 12WC1-57, 放散虫化石　D

15　**SH5**, 9015, 12WB1-139, 褐色珪質凝灰質頁岩　C
放散虫化石

16　**SH5**, 9015, 放散虫化石　E



17　**SH9**, 3127, 12RB4-284灰色珪質凝灰質頁岩　B

18　**SH10**, 3237, 12RB5-103, 灰色珪質凝灰質頁岩　B

石材写真　2

19　**SH11**, 8900, 12WB1-7, 灰色珪質凝灰質頁岩　A

20　**SH15**, 6732, 12VE2-62, 灰色珪質凝灰質頁岩　B

21　**SH19**, 526, 12QG3-182, 褐色珪質頁岩　B

22　**SH20**, 888, 12QH3-80, 灰白色凝灰質頁岩　B

23　**SH21**, 9817, 14AE2-34, 灰白色珪質凝灰質頁岩　B

24　**SH23**, 228, 12QG2-4, 灰褐色珪質凝灰質頁岩　B

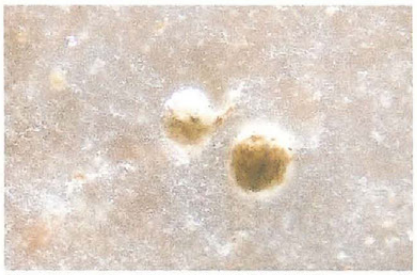
25　**SH26**, 5506, 12RE4-252, 褐色珪質凝灰質頁岩 B
放散虫化石

26　**SH27**, 12, 12QD8-7, 灰白色凝灰質頁岩　B

27　**SH29**, 1550, 12RA3-86, 明黄褐色珪質頁岩　B

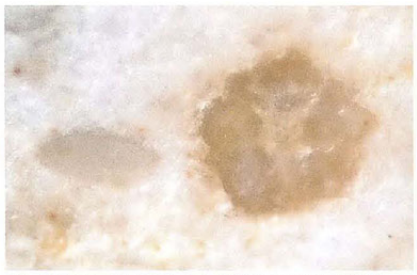
28　**SH31**, 9923, 14AF1-51, 灰褐色凝灰質頁岩　B
放散虫化石

29　**SH33**, 158, 12QF7-36, 暗灰褐色珪質頁岩　B



30　**SH34**, 380, 12QG3-20, 褐色珪質頁岩　C
放散虫化石

31　**SH35**, 7528, 12VH1-223, 灰色凝灰質頁岩　B



32　**SH36**, 4692, 12RD4-34, 灰褐色珪質凝灰質頁岩　D
放散虫又は有孔虫化石

33　**SH39**, 4069, 12RC5-55, 褐色珪質頁岩　B
有孔虫化石

34　**SH40**, 2563, 12RA6-234, 灰白色凝灰質頁岩　B

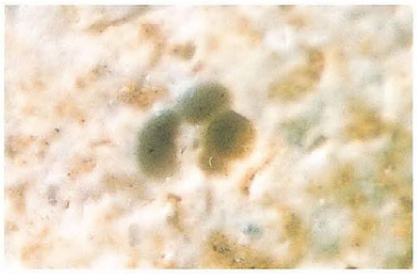
35　**SH41**, 5810, 12RE6-58, 灰白色凝灰質頁岩　B

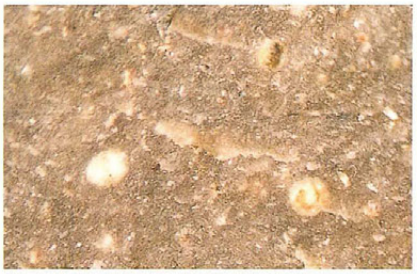
36　**SH42**, 2798, 12RB3-24, 灰白色凝灰質頁岩　B
放散虫又は有孔虫化石

37　SH43, 6170, 12VA3-39, 暗灰色凝灰質頁岩　B

38　SH44, 9485, 13JC1-15, 灰褐色珪質凝灰質頁岩　B

39　SH45, 9519, 13JC2-21, 灰白色珪質凝灰質頁岩　B


40　SH45, 9519, 有孔虫化石　C


41　SH48, 5386, 12RE4-132, 暗褐色珪質頁岩　B
放散虫化石

42　SH51, 9883, 14AF1-2, 暗灰色頁岩　B

43　SH52, 灰褐色珪質頁岩　B

44　SH53, 4735, 12RD5-24, 灰白色凝灰質頁岩　B

45　SH53, 4735, 放散虫化石　C

46　SH53, 5922, 12RF5-35, 有孔虫化石？　C

47　SH54, 2638, 12RA7-35, 灰白色凝灰質頁岩　B

48　SH56, 1632, 12RA3-154, 白色凝灰質頁岩　B

49　SH58, 9890, 14AF1-10, 灰褐色珪質凝灰質頁岩　B

50　SH59, 1496, 12RA3-14, 褐色珪質頁岩　B
放散虫化石

51　SH60, 8355, 12WA1-355, 褐色珪質頁岩　B
有孔虫化石

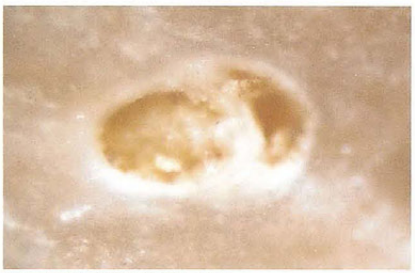
52　SH61, 9822, 14AE2-47, 灰色珪質頁岩　B

53　SH62, 8511, 12WA2-65, 灰白色珪質凝灰質頁岩　B
有孔虫化石？

54　SH64, 3997, 12RC4-104, 褐色珪質頁岩　B

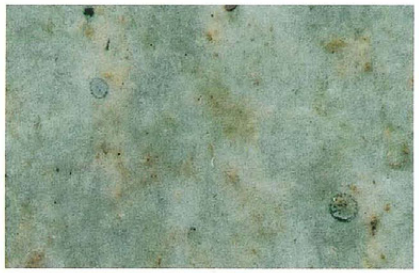
石材写真　4

55　SH65, 6830, 12VE6-37, 明黄褐色珪質頁岩　B

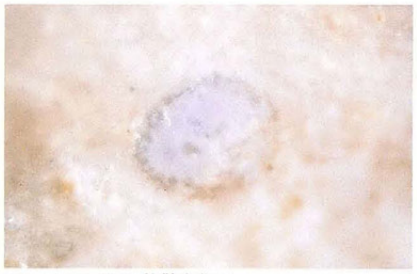


56　SH65, 6830, 有孔虫化石　D

57　SH66, 5592, 12RE5-41, 灰褐色珪質凝灰質頁岩　B



58　SH68, 5024, 12RD5-415, 灰白色珪質凝灰質頁岩　B
放散虫化石



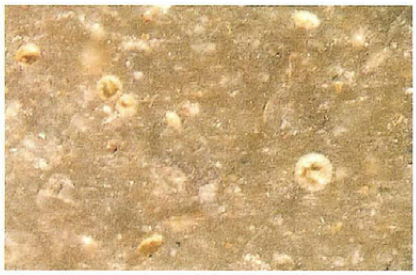
59　SH68, 5024, 放散虫化石　D

60　SH68, 5024, 放散虫化石　C

61　SH70, 4786, 12RD5-82, 灰白色珪質頁岩　B

62　SH71, 7710, 12VH2-37, 黒色珪質頁岩　B

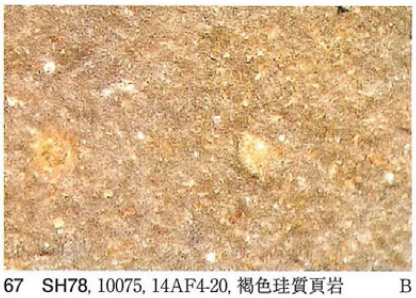
63　SH72, 2833, 12RB3-82, 灰褐色珪質凝灰質頁岩　B
放散虫化石



64　SH73, 3794, 12RB7-173, 灰色珪質凝灰質頁岩　B
放散虫化石

65　SH75, 4669, 12RD4-4, 灰褐色珪質頁岩　B

66　SH76, 5893, 12RF4-2, 灰白色珪質頁岩　B



67　SH78, 10075, 14AF4-20, 褐色珪質頁岩　B

68　SH79, 4304, 12RC5-299　B

69　SH80, 褐色珪質頁岩　B
放散虫化石

70　SH81, 5454, 12RE4-61, 玉髄質黒色珪質頁岩　B
放散虫化石

71　SH82, 7031, 12VF4-25, 玉髄質灰褐色珪質頁岩　B
有孔虫化石

72　SH82, 7031, 有孔虫化石　B

73　TU1, 1396, 12QH8-331, 明灰色凝灰岩　B

74　TU1, 1396　B

75　TU3, 77, 12QE8-2, 白色系凝灰岩　B

76　TU4, 929, 12QH3-133, 灰色系凝灰岩　B

77　TU5, 3342, 12RB5-289, 白色系凝灰岩　B

78　TU6, 400, 12QG3-97, 灰色系凝灰岩　B
黄鉄鉱

79　TU8, 5848, 12RE6-45, 凝灰岩　B
有孔虫化石

80　TU9, 679, 12QG7-41, 灰色系凝灰岩　B
黄鉄鉱

81　TU11, 399, 12QG3-93, 灰色系凝灰岩　B

82　TU12, 388, 12QG3-41, 灰色系凝灰岩　B
カイメン骨針化石

83　TU14, 5582, 12RE5-25, 灰色系凝灰岩　B

84　TU15, 3868, 12RB8-85, 灰色系凝灰岩　B
黄鉄鉱

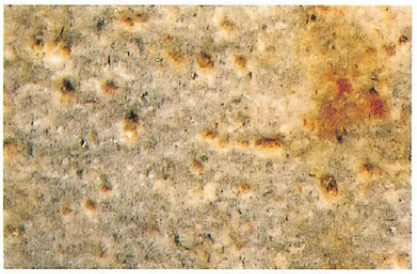
85　TU16, 3541, 12RB6-23, 白色系凝灰岩　B

86　TU19, 6556, 12VD3-3, 灰色系凝灰岩　B

87　TU22, 2706, 12RA8-81, 灰色凝灰岩　B

88　TU24, 9379, 13JB2-49, 凝灰岩　B

89　TU27, 6002, 12UG7-42, 灰色系凝灰岩　B



90　TU29, 2917, 12RB4-55, 灰色系凝灰岩　B

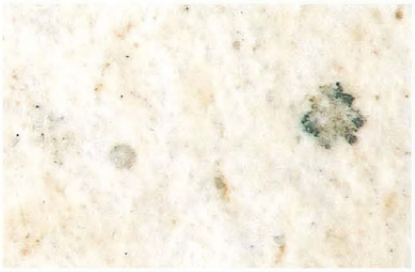
石材写真　6

91　**TU31**, 6321, 12VB5-14, 灰色系凝灰岩　B

92　**TU32**, 3998, 12RC4-105, 白色系凝灰岩　B
石英

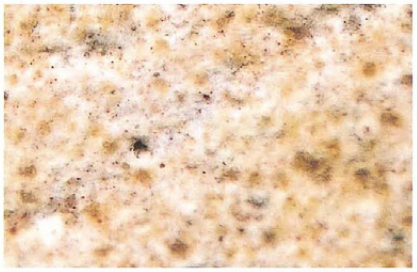
93　**TU34**, 8050, 12VH3-20, 灰色系凝灰岩　B

94　**TU36**, 8808, 12WA2-475, 白色系凝灰岩　B



95　**TU38**, 10047, 14AF3-15　B
放散虫化石？

96　**TU39**, 9019, 12WB1-151, 灰色系凝灰岩　B
黄鉄鉱

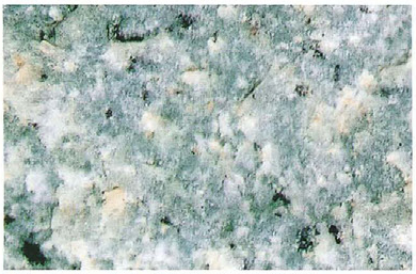


97　**TU41**, 3420, 12RB5-269, 灰白色系凝灰岩　B

98　**TU42**, 4128, 12RC5-155, 黄褐色凝灰岩　B

99　**TU46**, 5116, 12RD6-70, 灰色凝灰岩　A
有孔虫化石

100　**SERP**, 7007, 12VF3-119, 蛇紋岩　A



101　**TU単**, 9791, 14AD6-3, 緑色凝灰岩　B

102　**TU単**, 9269, 13EH7-5, 緑色凝灰岩　B

103　**CH1**, 8088, 12VH3-102, 赤褐色チャート　B
放散虫化石

104　**CH2**, 7937, 12VH2-447, 赤紫色チャート　B

105　**CH3**, 6592, 12VD4-17, 灰色チャート　B

106　**CH4**, 灰色チャート　B

107　**CH5**, 8296, 12WA1-258, 灰色チャート　A

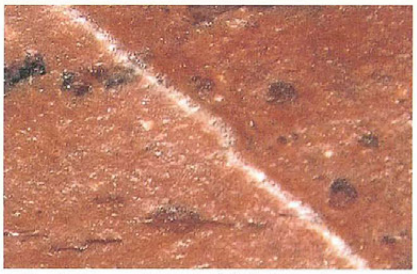
108　**CH6**, 1153, 12QH6-4, 灰色チャート　B

109　CH7, 6330, 12VB5-36, 灰色チャート　A

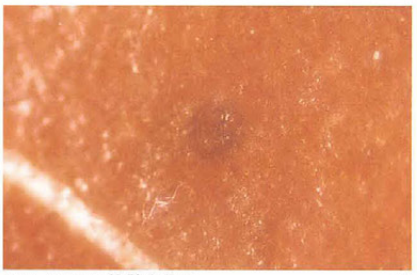
110　CH8, 6964, 12VF3-39, 灰色チャート　A
varved chert

111　CH9, 6601, 12VD4-73, 灰色チャート　A

112　CH10, —, 12VD4-71, 灰色チャート　B



113　CH12, —, 13EH4-1, 赤褐色チャート　B
放散虫化石

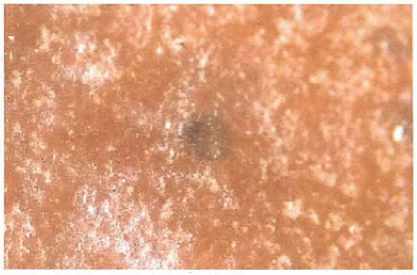


114　CH12, 放散虫化石　B

115　CH13, 2876, 12RB4-18, 赤褐色チャート　B
放散虫化石

116　CH14, 5418, 12RE4-187　B
赤褐色－緑褐色チャート

117　CH15, 6461, 12VC5-10　A
赤褐色－緑灰色チャート



118　CH15, 6461, 放散虫化石　C

119　CH16, 5630, 12RE5-55, 灰色チャート　A

120　CH17, 6583, 12VD4-35, 灰色チャート　B

121　CH18, 3393, 12RC4-99, 灰色チャート　B

122　CH20, 灰色チャート　B
放散虫化石

123　CH21, 9761, 14AD4-23, 赤褐色チャート　B

124　CH1, 8088, 12VH3-102, 衝撃痕・削れ中　A

125　CH5, 8311, 12WA1-275, 衝撃痕・削れ強　A

126　CH9, 6601, 12VD4-73, 衝撃痕・削れ少　A

石材写真　8

127　**CL1**, 2801, 12RB3-27, 白色玉髄　A

128　**CL2**, 5471, 12RE4-206, 白色玉髄　A

129　**CL3**, 8512, 12WA2-66, 玉髄質頁岩　A

130　**CL4**, 6533, 12VD1-17, 白色玉髄　A

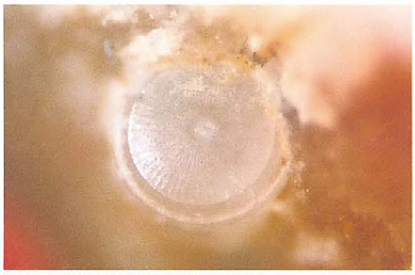
131　**CL5**, 5423, 12RE4-193, 玉髄　B
微化石

132　**CL6**, 7740, 12VH2-135, 玉髄　B

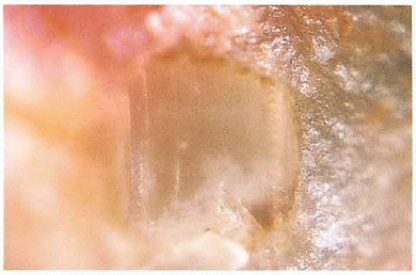
133　**CL7**, 玉髄　B

134　**CL8**, 7348, 12VG4-116, 玉髄　A

135　**CL8**, 7348, 珪藻化石　B



136　**CL8**, 7348, 珪藻化石, 正面　C
Stephanodiscus sp.



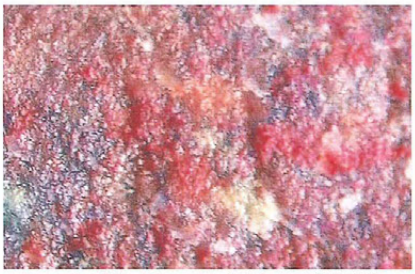
137　**CL8**, 7348, 珪藻化石, 側面　C

138　**CL9**, 303, 12QG2-80, 白色玉髄　B

139　**CL11**, 263, 12QG2-39, 白色玉髄　B
放散虫化石？

140　**CL単**, 7298, 12VG3-165, 透明玉髄　B

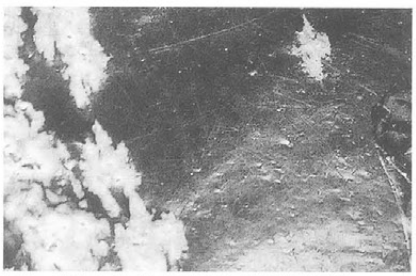
141　**JA1**, 7828, 12VH2-276, 黄褐色碧玉(鉄石英)　B



142　**JA2**, 5920, 12RF5-29, 赤褐色碧玉(鉄石英)　B

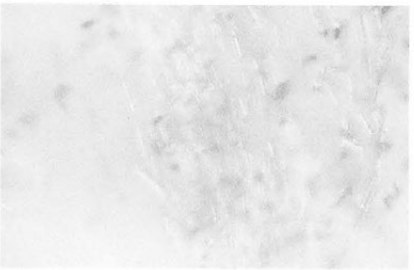
143　**SAND**, 6283, 12VA7-24, 砂岩　B

144　**SERP**, 9256, 13EG7-7, 蛇紋岩　A



145　OB1, 1-39, 33, 12QE7-6, 和田峠（1群）　A

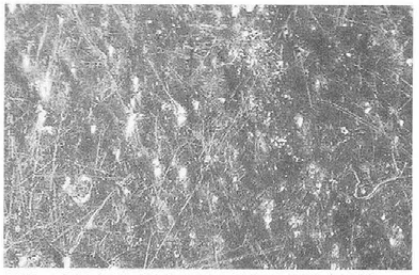
146　OB1, 2-69, 4957, 12RD5-7, 羽根川　A



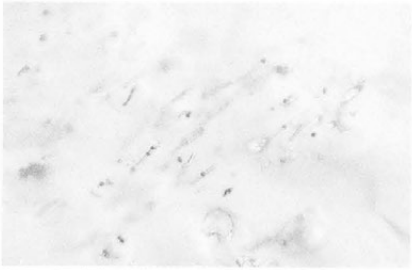
147　OB1, 2-69, 4957　E
短柱状の微晶

148　OB2, 1-27, 1092, 12QH5-47, 和田峠（1群）　B

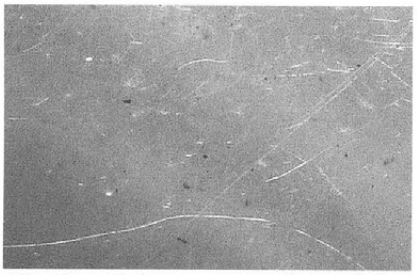
149　OB2, 1-27, 1092　E
毛状晶子・ヒトデ状



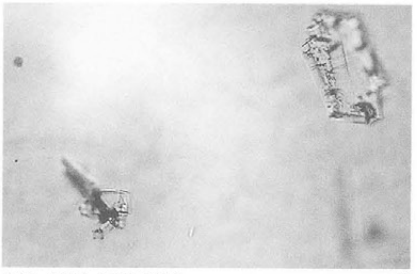
150　OB2, 1-74, 2471, 12RA6-77, 和田峠（1群）　B



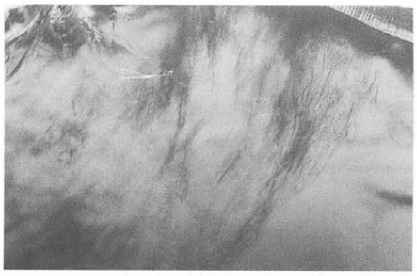
151　OB2, 1-74, 2471　D
短柱状の微晶, 微球体



152　OB3, 1-112, 7619, 12VH1-340, 和田峠（鷹山―和田）　B



153　OB3, 1-112, 7619　E
微晶をわずかに含む

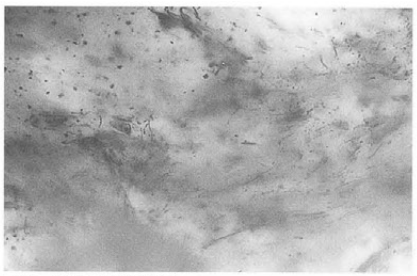


154　OB3, 1-185, 4992, 12RD5-292, 和田峠（1群）　A

155　OB3, 1-185, 4992　B

156　OB4, 1-99, 3626, 12RB6-100, 和田峠（5群）　B

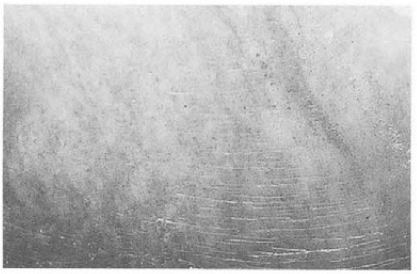
157　OB4, 1-58, 5777, 12RE6-10, 和田峠（1群）　B



158　OB4, 1-58, 5777　D
雲状微球体, リボン状の晶子

159　OB4, 1-28, 135, 12QF7-16, 霧ヶ峰　A

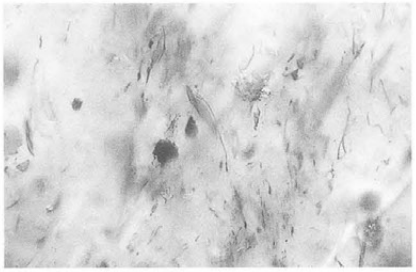
160　OB4, 1-28, 135　D
リボン状の晶子, 微球体



161　OB5, 1-184, 4731, 12RD5-16, 和田峠（5群）　A

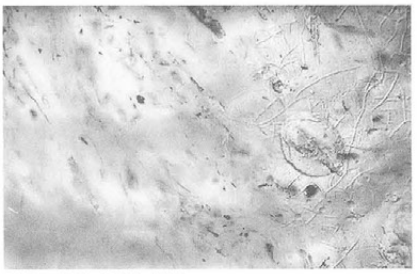
162　OB5, 1-184, 4731　B

石材写真　10



163　OB5, 1-184, 4731　D
リボン状の晶子, 微球体

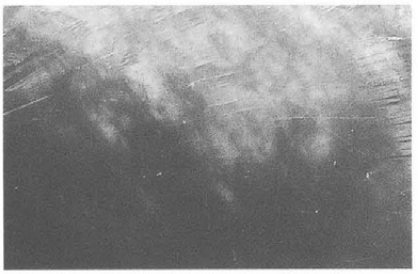
164　OB5, 1-173, 6513, 12VC8-12, 和田峠（3群）　A



165　OB5, 1-173, 6513　D
微球体, リボン状の晶子

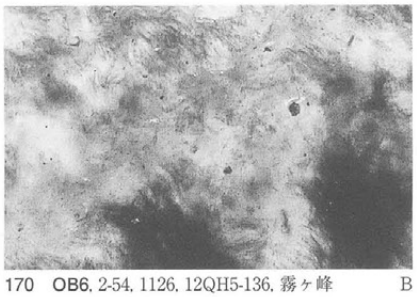
166　OB6, 2-58, 5191, 12RD6-106, 和田峠（1群）　B

167　OB6, 2-58, 5191　D
雲状微球体, リボン状の晶子

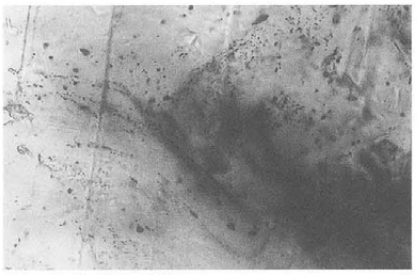


168　OB6, 2-63, 7555, 12VH1-256, 鷹山―和田　A

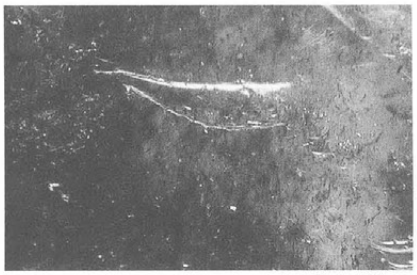
169　OB6, 2-63, 7555　E
雲状微球体



170　OB6, 2-54, 1126, 12QH5-136, 霧ヶ峰　B

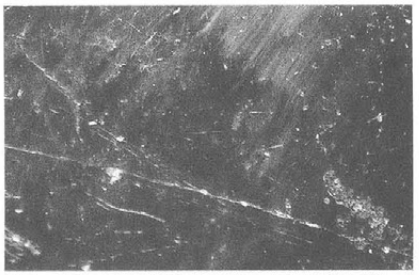


171　OB6, 2-54, 1126　E
雲状微球体



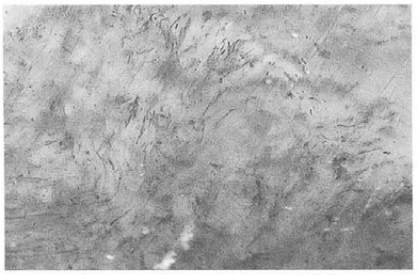
172　OB6, 1-183, 5106, 12RD6-57, 和田峠（1群）　B

173　OB6, 1-183, 5106　D
リボン状の晶子

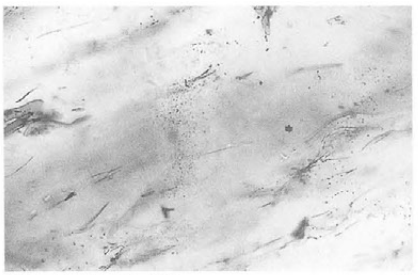


174　OB6, 1-168, 5887, 12RE6-186, 和田峠（1群）　B

175　OB6, 1-168, 5887　D
雲状微球体, リボン状の晶子

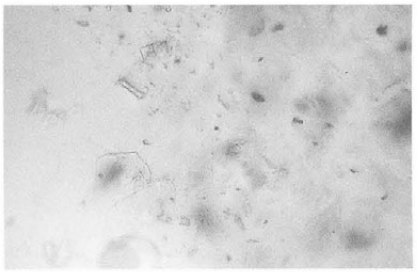


176　OB6, 1-164, 222, 12QG1-13, 和田峠（1群）　B



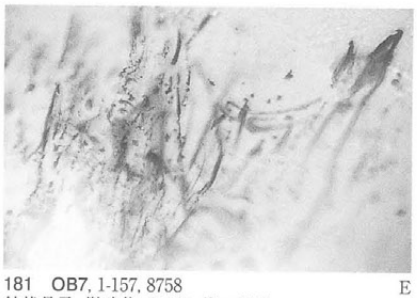
177　OB6, 1-164, 222　D
雲状微球体, リボン状の晶子

178　OB7, 1-77, 1029, 12QH4-153, 霧ヶ峰（観音沢）　B

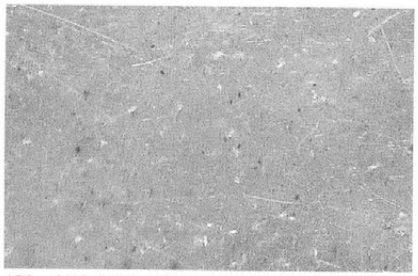


179　OB7, 1-77, 1029　E
短柱状の微晶, 球顆, 骸晶

180　OB7, 1-157, 8758, 12WA2-380, 霧ヶ峰　B

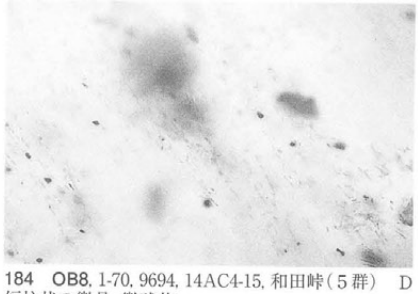


181　OB7, 1-157, 8758　E
針状晶子, 微球体, リボン状の晶子

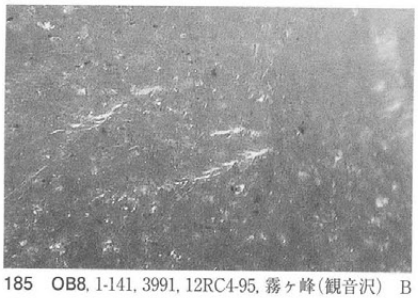


182　OB8, 1-181, 5918, 12RF5-27, 和田峠（1群）　B

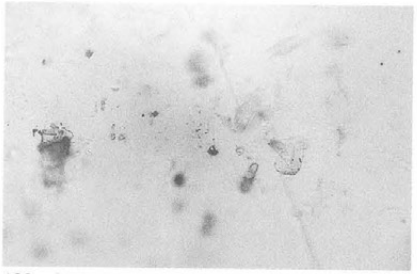
183　OB8, 1-181, 5918　D
短柱状の微晶



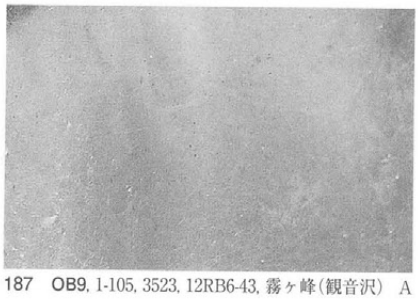
184　OB8, 1-70, 9694, 14AC4-15, 和田峠（5群）　D
短柱状の微晶, 微球体



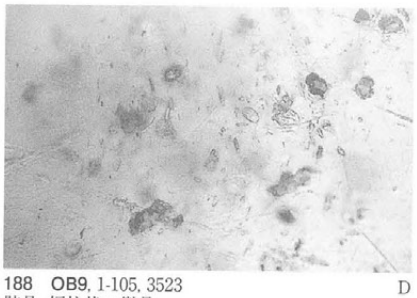
185　OB8, 1-141, 3991, 12RC4-95, 霧ヶ峰（観音沢）　B



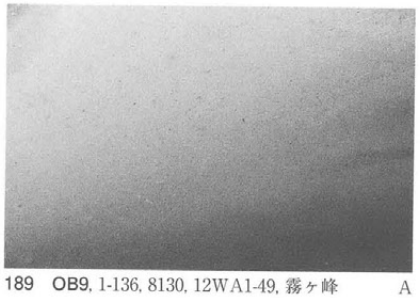
186　OB8, 1-141, 3991　E
骸晶, 微球体



187　OB9, 1-105, 3523, 12RB6-43, 霧ヶ峰（観音沢）　A



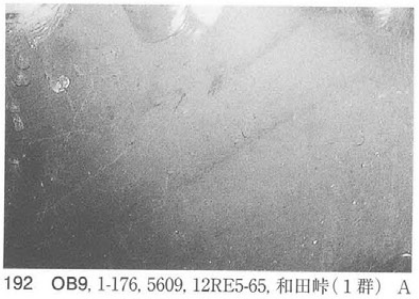
188　OB9, 1-105, 3523　D
骸晶, 短柱状の微晶



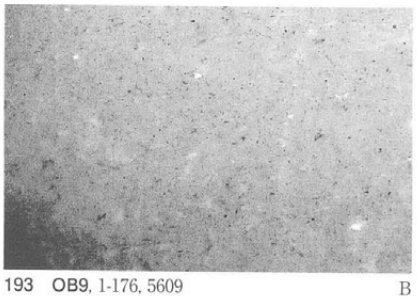
189　OB9, 1-136, 8130, 12WA1-49, 霧ヶ峰　A

190　OB9, 1-136, 8130　B

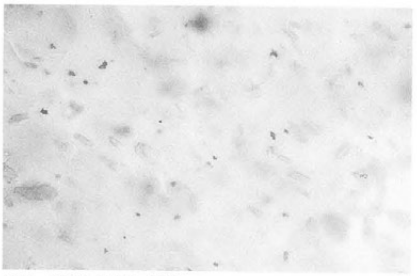
191　OB9, 1-136, 8130　D
短柱状の微晶, 微球体



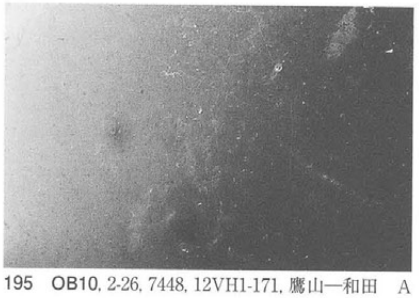
192　OB9, 1-176, 5609, 12RE5-65, 和田峠（1群）　A



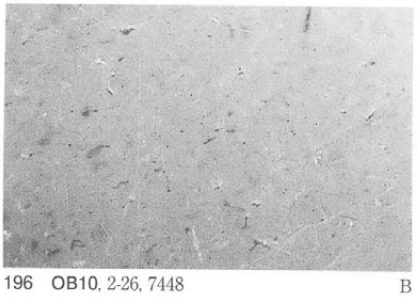
193　OB9, 1-176, 5609　B



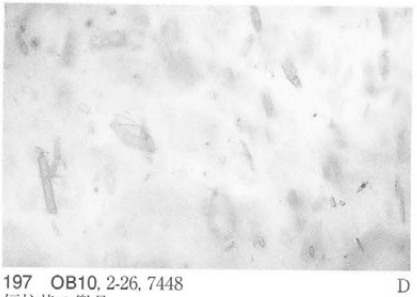
194　OB9, 1-176, 5609　D
短柱状の微晶, 微球体



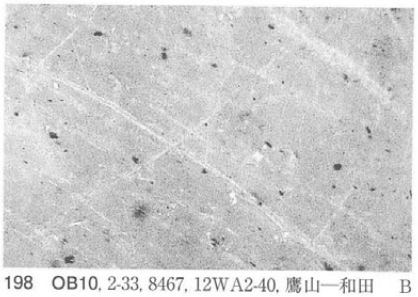
195　OB10, 2-26, 7448, 12VH1-171, 鷹山―和田　A



196　OB10, 2-26, 7448　B

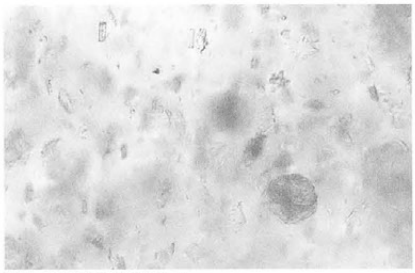


197　OB10, 2-26, 7448　D
短柱状の微晶



198　OB10, 2-33, 8467, 12WA2-40, 鷹山―和田　B

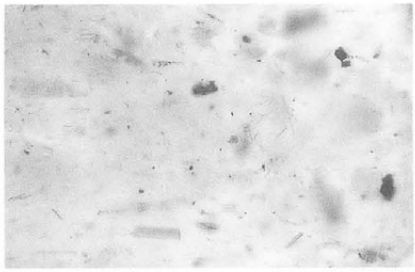
石材写真　12



199　OB10, 2-33, 8467　D
球顆, 短柱状の微晶

200　OB10, 2-16, 5947, 12UF8-3, 和田峠（3群）　A

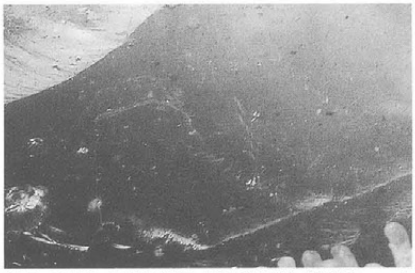
201　OB10, 2-16, 5947　B



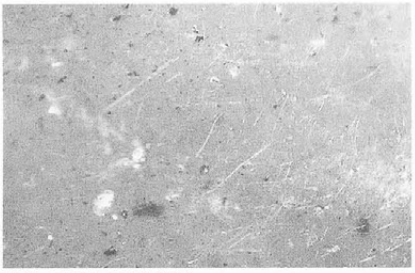
202　OB10, 2-16, 5947　D
短柱状の微晶, 微球体

203　OB11, 1-133, 8742, 12WA2-509, 和田峠（1群）　B

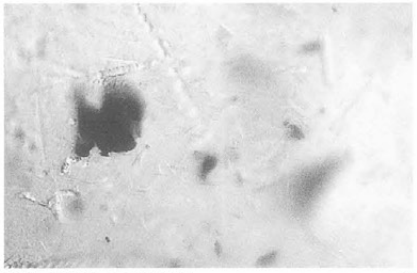
204　OB11, 1-133, 8742　C
短柱状の微晶, 微球体



205　OB11, 1-132, 8686, 12WA2-326, 麦草峠　A



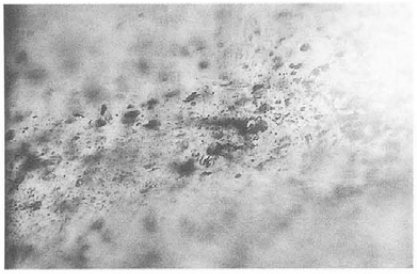
206　OB11, 1-132, 8686　B



207　OB11, 1-132, 8686　E
短柱状の微晶, 微球体

208　OB11, 1-117, 7280, 12VG3-158, 双子池　A

209　OB11, 1-117, 7280　B

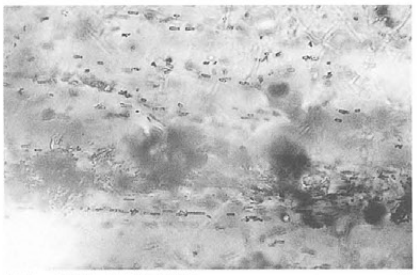


210　OB11, 1-117, 7280　D
大小の雲状微球体

211　OB11, 1-146, 8709, 12WA2-356, 霧ヶ峰（立科）　A

212　OB11, 1-146, 8709　D
短柱状の微晶

213　OB11, 1-139, 9627, 14AB4-3, 和田峠（4群）　B

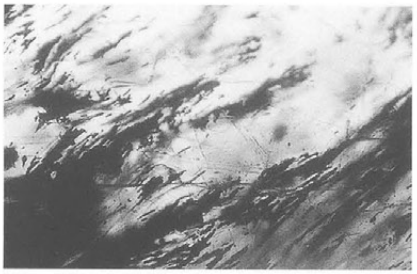


214　OB11, 1-139, 9627　D
短柱状の微晶, 透明な微球体

215　OB11, 1-162, 5127, 12RD6-81, 和田峠（1群）　B

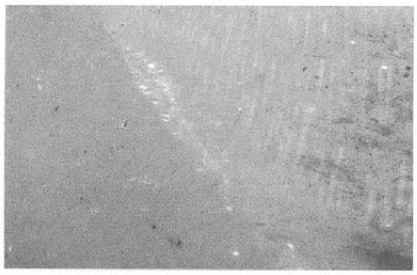
216　OB11, 1-162, 5127　D
透明な微球体

217　OB11, 1-45, 57, 12QE7-39, 霧ヶ峰(立科)　B



218　OB11, 1-45, 57　C

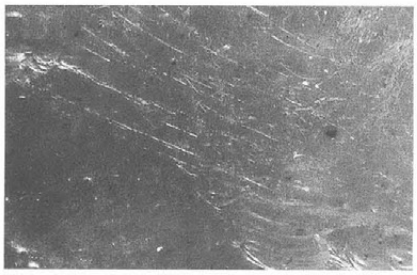
219　OB11, 1-45, 57　D
短柱状の微晶



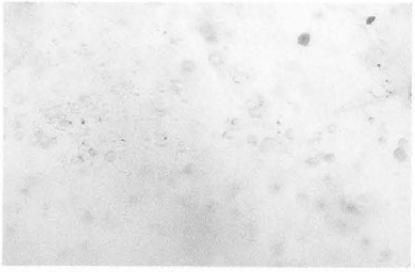
220　OB12, 1-179, 5105, 12RD6-56, 和田峠(1群)　B

221　OB12, 1-179, 5105　E
雲状微球体

222　OB12, 1-179, 5105　D
雲状微球体, 微晶



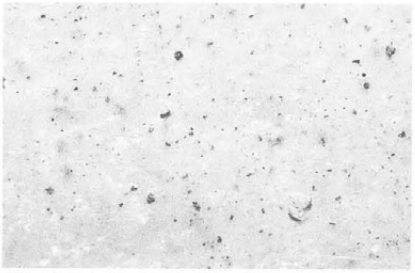
223　OB12, 1-174, 6684, 12VD7-34, 和田峠(6群)　B



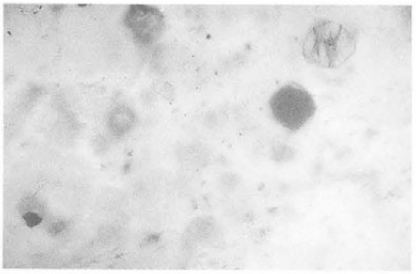
224　OB12, 1-174, 6684　E
透明な微球体

225　OB12, 1-174, 6684　E
短柱状の微晶

226　OB13, 2-60, 6855, 12VF1-2, 霧ヶ峰(観音沢)　A



227　OB13, 2-60, 6855　B



228　OB13, 2-60, 6855　D
微球体, 球顆, 短柱状の微晶

229　OB13, 2-61, 7321, 12VG4-56, 和田峠(5群)　A

230　OB13, 2-61, 7321　B

231　OB13, 2-61, 7321　E
短柱状の微晶, 微球体

232　OB13, 1-144, 7811, 12VH2-285, 和田峠(3群)　B

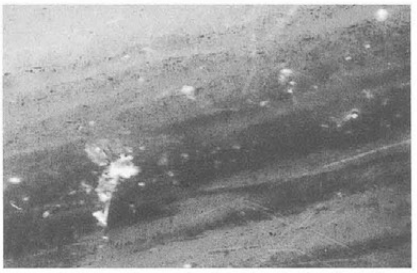
233　OB13, 1-144, 7811　D
リボン状の晶子

234　OB13, 1-144, 7811　D
被熱石器

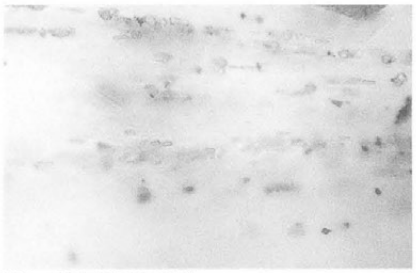
石材写真　14

235　OB14, 1-166, 6658, 12VD6-23, 和田峠（1群）　A

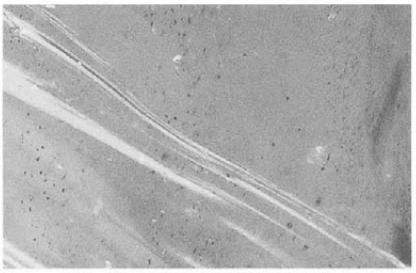
236　OB14, 1-166, 6658　D
針状晶子, 微球体



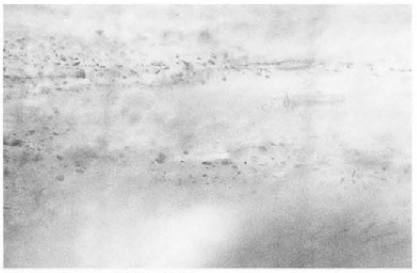
237　OB14, 1-161, 5053, 12RD6-1, 和田峠（5群）　B



238　OB14, 1-161, 5053　E
短柱状の微晶, 透明な微球体



239　OB14, 1-113, 7615, 12VH1-304, 和田峠（1群）　B

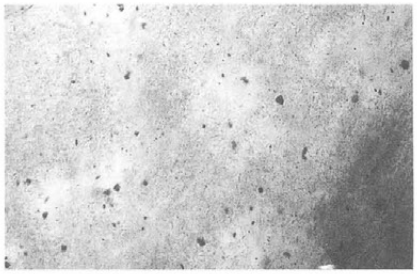


240　OB14, 1-113, 7615　E
透明な微球体, 短柱状の微晶

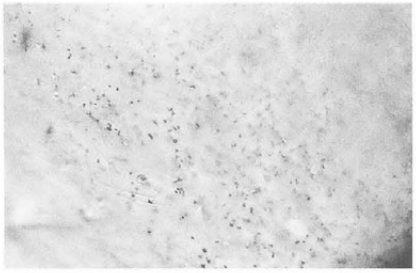
241　OB14, 1-165, 6682, 12VD7-12, 和田峠（1群）　B

242　OB14, 1-165, 6682　D
雲状微球体, 針状晶子

243　OB14, 1-118, 9142, 12WB2-42, 和田峠（6群）　A



244　OB14, 1-118, 9142　B

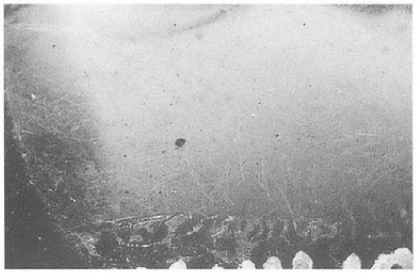


245　OB14, 1-118, 9142　D
透明な微球体, 微球体

246　OB14, 1-120, 8397, 12WA1-351, 和田峠（3群）　A

247　OB14, 1-120, 8397　D
毛状晶子・ヒトデ状, 微球体

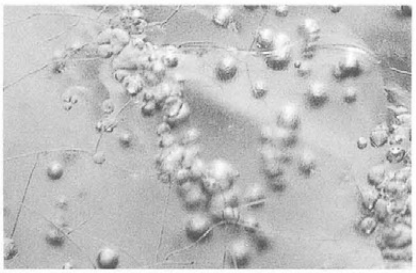
248　OB14, 1-120, 8397　E
毛状晶子・ヒトデ状, 微球体



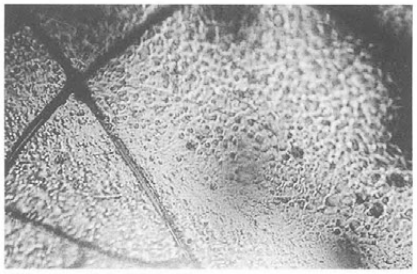
249　OB15, 1-145, 8613, 12WA2-204, 霧ヶ峰　A

250　OB15, 1-145, 8613　B

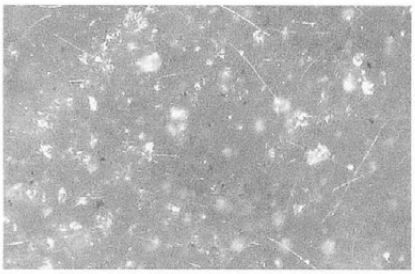
251　OB15, 1-145, 8613　D
短柱状の微晶, 骸晶



252　OB15, 1-158, 8715, 12WA2-364, 霧ヶ峰（観音沢）　B

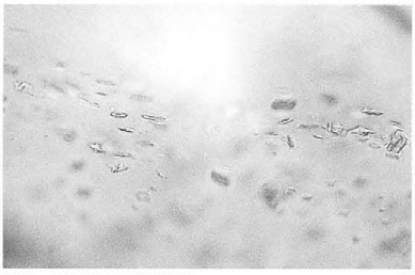


253　OB15, 1-158, 8715
被熱による変化



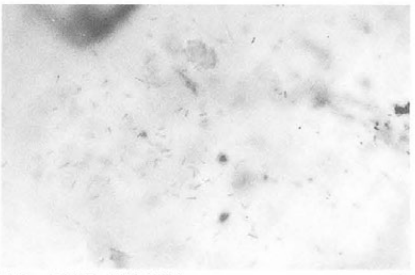
254　OB15, 1-167, 6638, 12VD6-1, 霧ヶ峰(観音沢)　B

255　OB15, 1-167, 6638　B

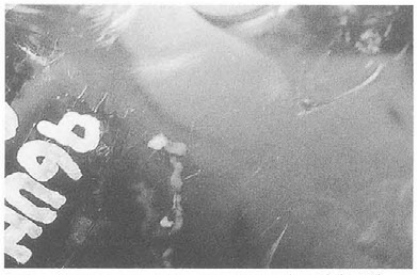


256　OB15, 1-167, 6638　E
短柱状の微晶

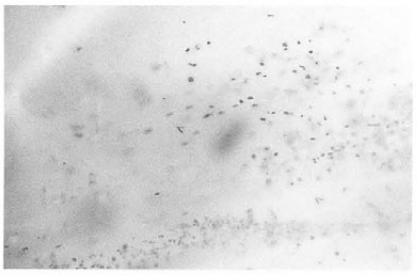
257　OB16, 1-68, 9714, 14AC5-24, 和田峠(5群)　A



258　OB16, 1-68, 9714　D
短柱状の微晶



259　OB17, 1-151, 4190, 12RC5-238, 和田峠(1群)　A



260　OB17, 1-151, 4190　D
雲状の透明な微球体

261　OB17, 2-64, 8726, 12WA2-382, 和田峠(1群)　A

262　OB17, 2-64, 8726　B

263　OB17, 2-64, 8726　D
雲状微球体, 針状晶子, リボン状の晶子

264　OB17, 2-67, 9786, 14AD5-14, 和田峠(4群)　B

265　OB17, 2-67, 9786　E
短柱状の微晶

266　OB17, 2-56, 4139, 12RC5-168, 和田峠(6群)　A

267　OB17, 2-56, 4139　B

268　OB17, 2-56, 4139　D
短柱状の微晶, 微球体

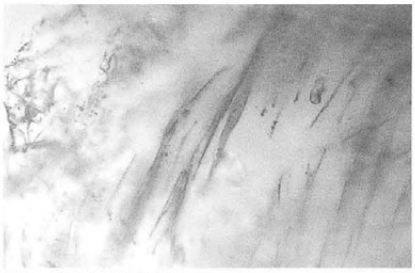
269　OB18, 1-111, 8770, 12WA2-411, 和田峠(1群)　B

270　OB18, 1-111, 8770　D
微球体, リボン状の晶子

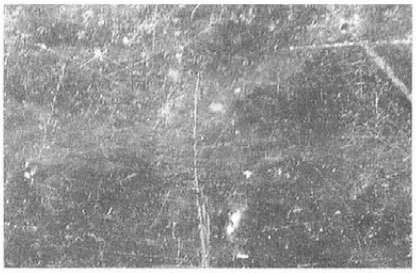
271　OB18, 1-156, 7753, 12VH2-225, 和田峠（3群）　A

272　OB18, 1-156, 7753　D
面的な雲状微球体, リボン状の晶子

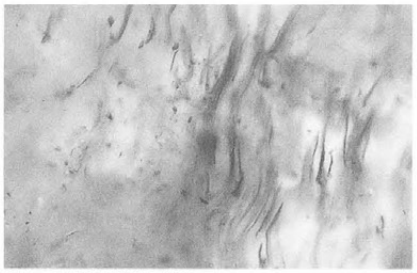
273　OB19, 1-171, 992, 12QH4-76, 和田峠（1群）　B



274　OB19, 1-171, 992　E
リボン状の晶子, 針状晶子

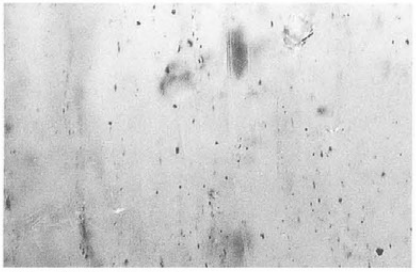


275　OB19, 1-152, 4057, 12RC5-38, 和田峠（5群）　B

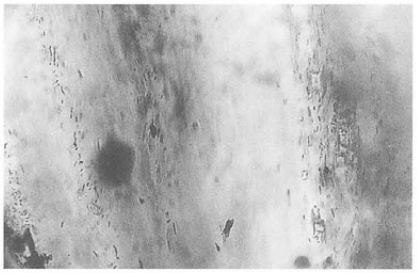


276　OB19, 1-152, 4057　E
微球体, リボン状の晶子

277　OB20, 2-31, 7980, 12VH2-476, 麦草峠　A



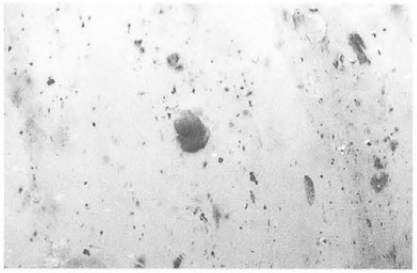
278　OB20, 2-31, 7980　B



279　OB20, 2-31, 7980　D
短柱状の微晶, 骸晶

280　OB20, 2-31, 7980, 同　E
短柱状の微晶

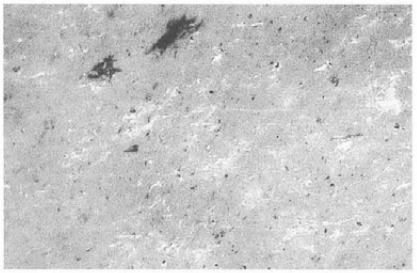
281　OB20, 2-30, 7863, 12VH2-322, 冷山　A



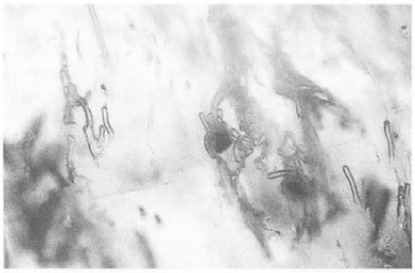
282　OB20, 2-30, 7863　B

283　OB20, 2-30, 7863　D
短柱状の微晶

284　OB21, 2-66, 9724, 14AC6-7, 鷹山―和田　A



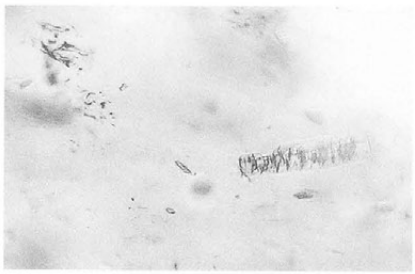
285　OB21, 2-66, 9724　B



286　OB21, 2-66, 9724　D
ループ状晶子？, 微球体

287　OB21, 2-62, 7502, 12VH1-188, 鷹山―和田　B

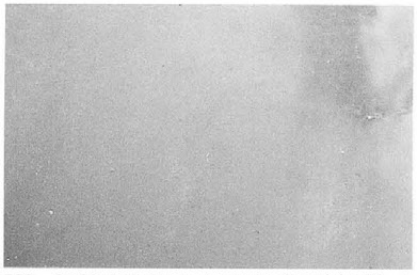
288　OB21, 2-62, 7502　D
ループ状晶子？



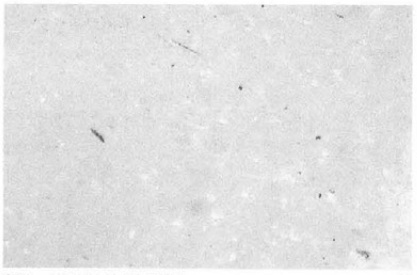
289　OB21, 2-62, 7502　D
微晶

290　OB22, 1-188, 4453, 12RC6-147, 霧ヶ峰(立科)　B

291　OB22, 1-188, 4453　E
リボン状の晶子, 短柱状の微晶



292　OB23, 2-43, 9711, 14AC5-21, 和田峠(1群)　A

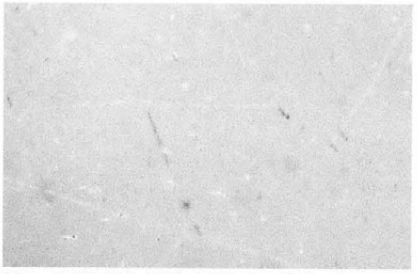


293　OB23, 2-43, 9711　B

294　OB23, 2-43, 9711　D
微晶, 短柱状の微晶

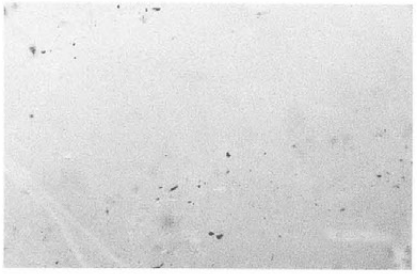
295　OB23, 2-53, 9863, 14AE4-34, 和田峠(1群)　B

296　OB23, 2-53, 9863　E
やや長い柱状の微晶



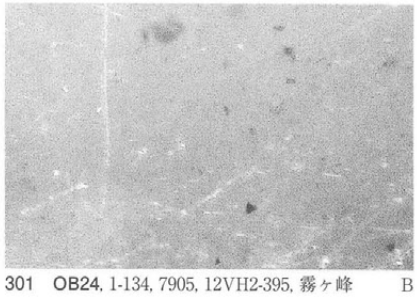
297　OB23, 2-49, 9789, 14AD5-15, 鷹山—和田　B

298　OB23, 2-49, 9789　D
短柱状の微晶, 骸晶



299　OB24, 1-116, 8284, 12WA1-242, 霧ヶ峰　B

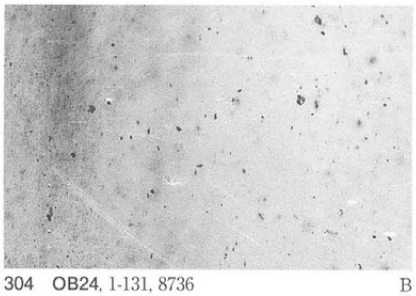
300　OB24, 1-116, 8284　D
透明な微球体, 短柱状の微晶



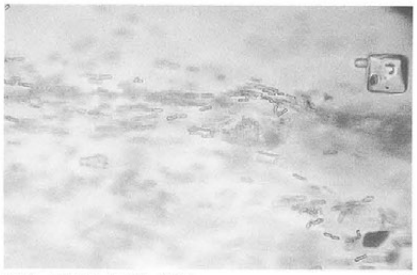
301　OB24, 1-134, 7905, 12VH2-395, 霧ヶ峰　B

302　OB24, 1-134, 7905　E

303　OB24, 1-131, 8736, 12WA2-502, 和田峠(6群)　A



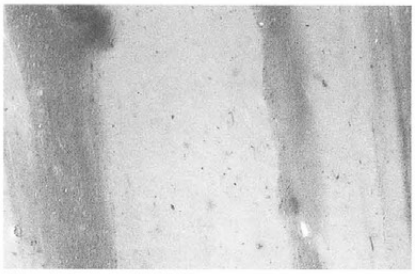
304　OB24, 1-131, 8736　B



305　OB24, 1-131, 8736　E
短柱状の微晶

306　OB25, 1-163, 9626, 14AB4-2, 和田峠(5群)　A

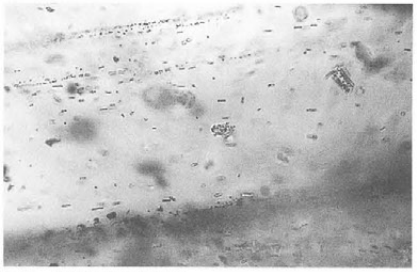
石材写真　18



307　OB25, 1-163, 9626　B

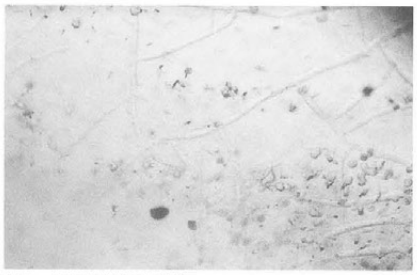
308　OB25, 1-163, 9626　D
短柱状の微晶

309　OB25, 2-13, 5119, 12RD6-73, 和田峠（5群）　A

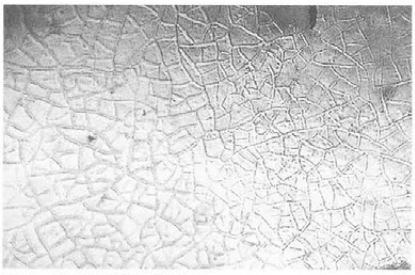


310　OB25, 2-13, 5119　D
短柱状の微晶, 雲状微球体

311　OB25, 2-25, 7360, 12VG5-13, 和田峠（4群）　B



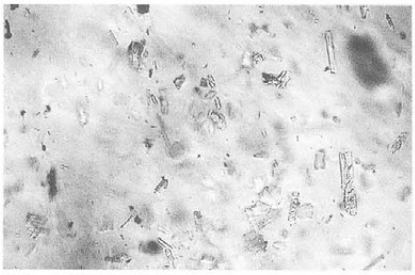
312　OB25, 2-25, 7360　E
短柱状の微晶, 微球体



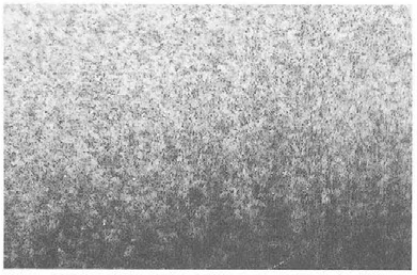
313　OB25, 2-25, 7360　D
被熱石器

314　OB26, 1-172, 1012, 12QH4-141, 霧ヶ峰　A

315　OB26, 1-172, 1012　B



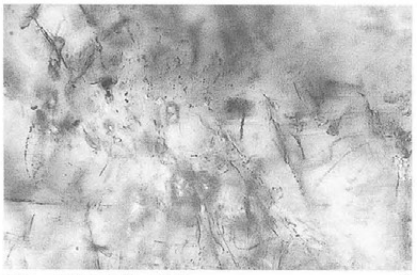
316　OB26, 1-172, 1012　D
短柱状の微晶, 骸晶, 微球体



317　OB27, 2-57, 4706, 12RD4-43, 和田峠（1群）　B

318　OB27, 2-57, 4706　D
毛状晶子・ヒトデ状

319　OB28, 2-52, 9802, 14AD7-12, 鷹山―和田　B



320　OB28, 2-52, 9802　E
リボン状の晶子, 微球体

321　OB28, 2-52, 9802　E
短柱状の微晶

322　OB28, 2-36, 9614, 14AA6-1, 和田峠（3群）　B

323　OB28, 2-36, 9614　D
微球体, リボン状の晶子

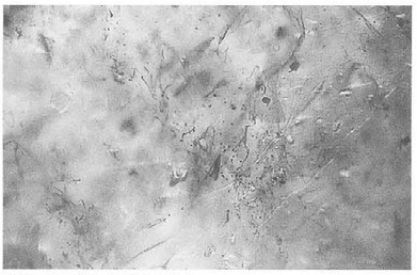
324　OB29, 2-7, 3145, 12RB4-339, 鷹山―和田　B

325　OB29, 2-7, 3145　D
微球体, リボン状の晶子, 短柱状の微晶

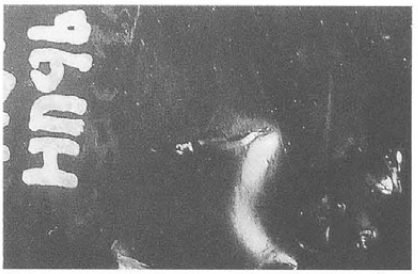
326　OB29, 2-38, 9634, 14AB5-4, 和田峠（1群）　A

327　OB29, 2-38, 9634　D
短柱状の微晶, 骸晶, 雲状微球体

328　OB30, 1-114, 8417, 12WA1-412, 和田峠（1群）　B

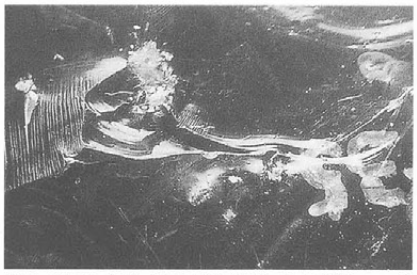


329　OB30, 1-114, 8417　D
微球体, リボン状の晶子

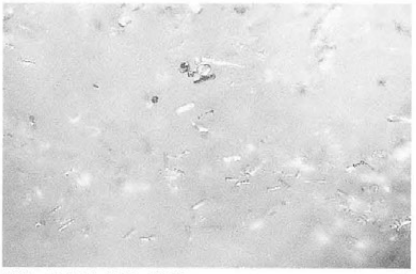


330　OB30, 1-128, 7914, 12VH2-406, 和田峠（5群）　A

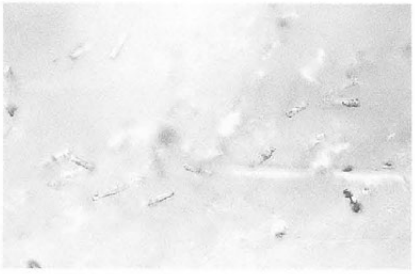
331　OB30, 1-128, 7914　D
リボン状の晶子, 微球体



332　OB31, 2-18, 6405, 12VC2-35, うつぎ沢　A



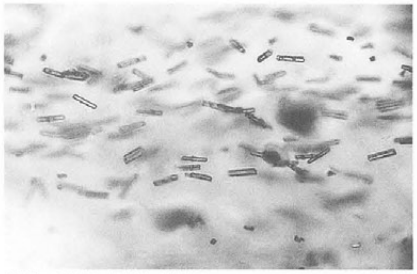
333　OB31, 2-18, 6405　D
短柱状の微晶, 微球体



334　OB31, 2-18, 6405　E
短柱状の微晶

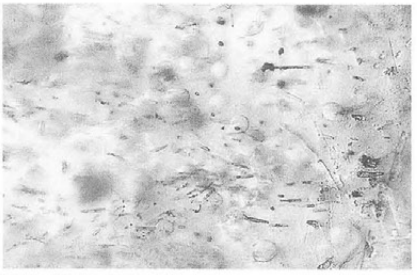
335　OB32, 1-106, 3549, 12RB6-33, 和田峠（5群）　A

336　OB32, 1-106, 3549　B



337　OB32, 1-106, 3549　D
短柱状の微晶, 微球体

338　OB32, 1-98, 2591, 12RA6-177, 和田峠（3群）　B



339　OB32, 1-98, 2591　D
短柱状の微晶, 微球体, 球顆

340　OB33, 2-19, 6465, 12VC5-39, 冷山　A

341　OB33, 2-19, 6465　B

342　OB33, 2-19, 6465　D
紡錘形の気泡

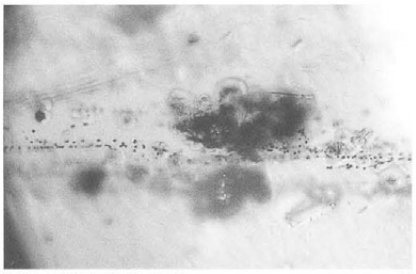
石材写真　20

343　OB33, 2-19, 6465　E
太い針状の気泡

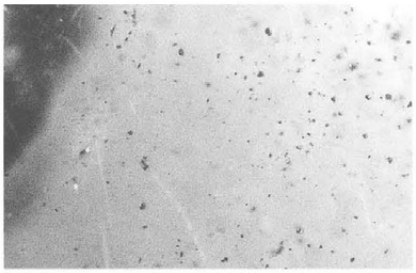
344　OB33, 2-20, 6594, 12VD4-21, 冷山　B

345　OB33, 2-20, 6594　D
紡錘形の気泡

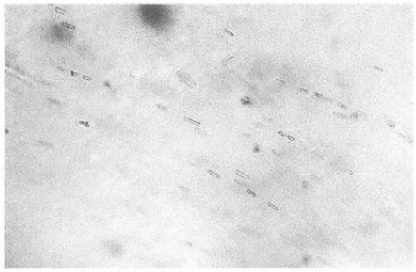
346　OB34, 2-42, 9708, 14AC5-16, 鷹山―和田　B



347　OB34, 2-42, 9708　E
雲状微球体

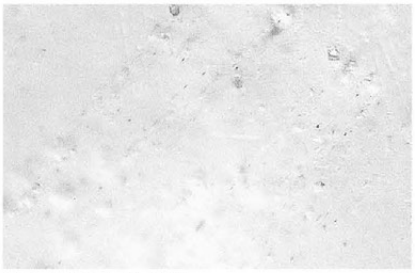


348　OB34, 2-48, 9777, 14AD5-1, 和田峠（6群）　B



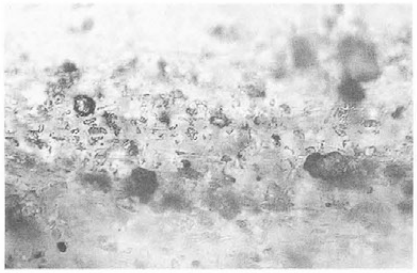
349　OB34, 2-48, 9777　E
微球体, 短柱状の微晶

350　OB35, 1-46, 2410, 12RA5-513, 霧ヶ峰（立科）　B



351　OB35, 1-46, 2410　D
骸晶, 短柱状の微晶, 微球体

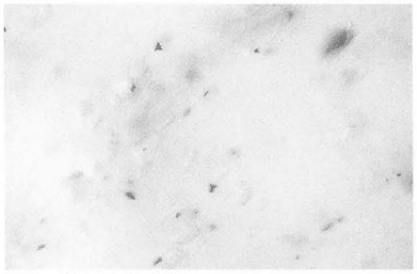
352　OB35, 1-43, 9192, 12WC1-47, 霧ヶ峰（立科）　A



353　OB35, 1-43, 9192　E
骸晶, 微球体

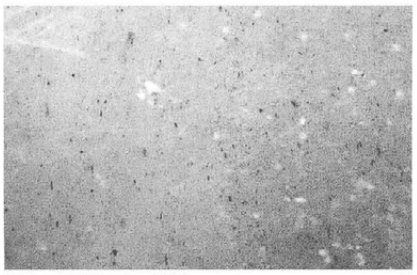
354　OB35, 1-97, 3555, 12RB6-39, 霧ヶ峰（立科）　A

355　OB35, 1-97, 3555　B



356　OB35, 1-97, 3555　E
骸晶, 短柱状の微晶, 微球体

357　OB36, 1-54, 2206, 12RA5-253, 霧ヶ峰（観音沢）　A



358　OB36, 1-54, 2206　B

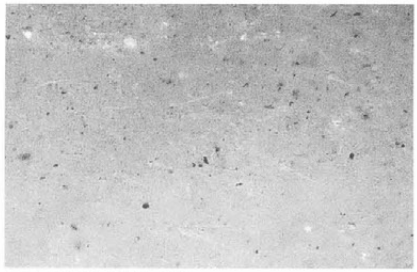
359　OB36, 1-54, 2206　D
短柱状の微晶, 微球体

360　OB36, 1-62, 4875, 12RD5-189, 霧ヶ峰　A

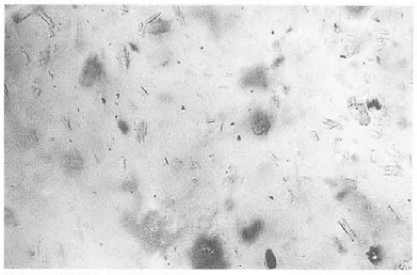
361　OB36, 1-62, 4875　B

362　OB36, 1-62, 4875　E
骸晶, 短柱状の微晶, 球顆

363　OB36, 1-124, 1621, 12RA3-133, 霧ヶ峰　A

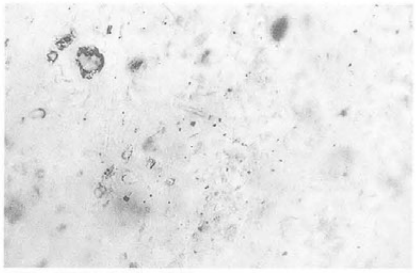


364　OB36, 1-124, 1621　B

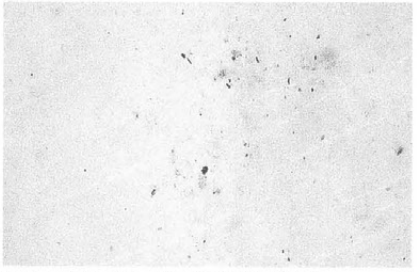


365　OB36, 1-124, 1621　D
骸晶, 短柱状の微晶, 微球体

366　OB36, 1-149, 6560, 12VD3-21, 霧ヶ峰(観音沢)　B

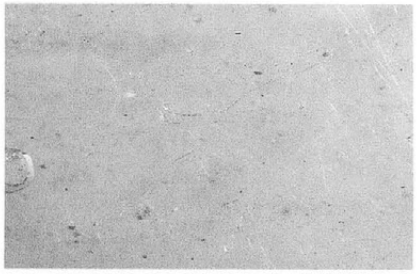


367　OB36, 1-149, 6560　D
骸晶, 微球体



368　OB36, 1-71, 172, 12QF7-64, 霧ヶ峰　B

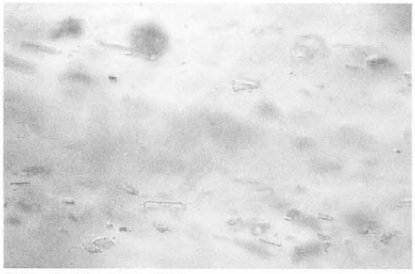
369　OB36, 1-71, 172　D
骸晶, 短柱状の微晶



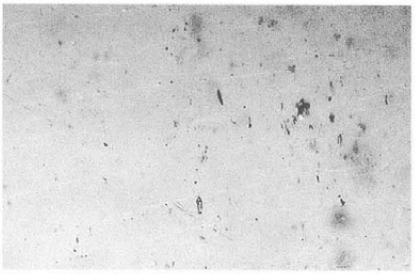
370　OB36, 1-31, 126, 12QF6-45, 霧ヶ峰(観音沢)　B

371　OB36, 1-31, 126　D
骸晶, 短柱状の微晶, 球顆

372　OB37, 1-52, 4571, 12RC7-42, 霧ヶ峰(観音沢)　A



373　OB37, 1-52, 4571　D
短柱状の微晶, 骸晶, 球顆

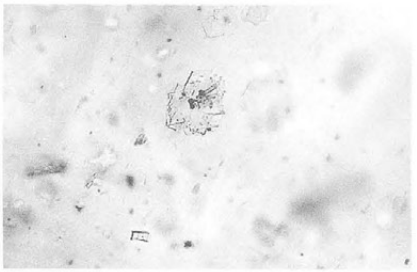


374　OB37, 1-16, 4757, 12RD5-49, 霧ヶ峰　B

375　OB37, 1-16, 4757　D
短柱状の微晶

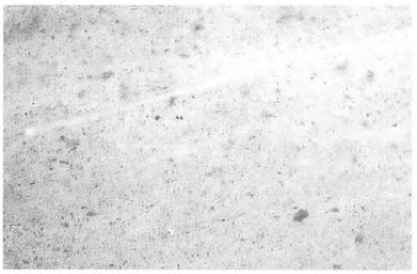
376　OB37, 1-60, 5569, 12RE5-10, 和田峠(1群)　A

377　OB37, 1-60, 5569　B

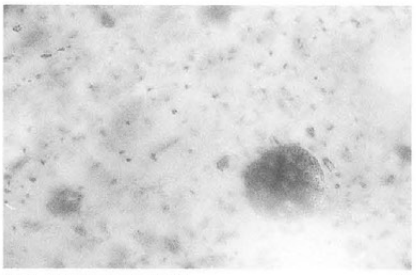


378　OB37, 1-60, 5569　D
微晶, 短柱状の微晶, 微球体

379　OB37, 1-59, 9690, 14AC4-17, 和田峠（5群）　A



380　OB37, 1-59, 9690　B



381　OB37, 1-59, 9690　D
微球体, 球顆, 微晶

382　OB37, 1-83, 113, 12QF6-28, 和田峠（4群）　B

383　OB37, 1-83, 113　D
短柱状の微晶, 微球体

384　OB38, 1-42, 2686, 12RA8-33, 霧ヶ峰　B

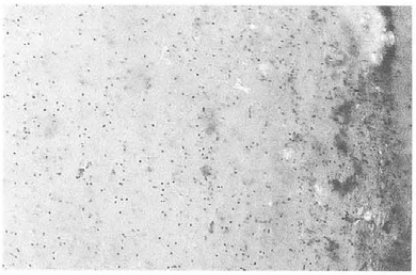
385　OB38, 1-42, 2686　E
雲状微球体

386　OB38, 1-48, 2441, 12RA6-15, 霧ヶ峰（観音沢）　A

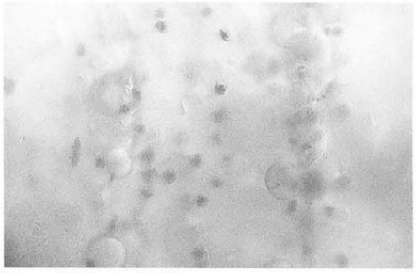
387　OB38, 1-48, 2441　B

388　OB38, 1-48, 2441　D
微球体, 骸晶

389　OB39, 1-56, 2544, 12RA6-205, 霧ヶ峰　A

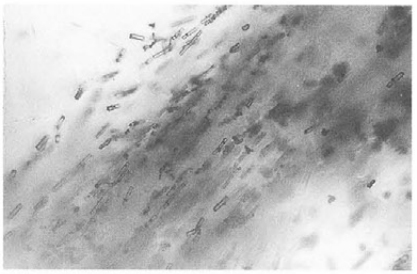


390　OB39, 1-56, 2544　B



391　OB39, 1-56, 2544　D
微球体, 球顆

392　OB40, 1-123, 3216, 12RB5-66, 和田峠（5群）　B



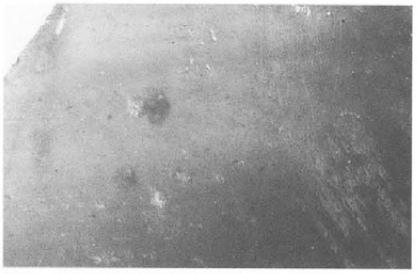
393　OB40, 1-123, 3216　D
短柱状の微晶, 微球体

394　OB40, 1-150, 6520, 12VD1-2, 和田峠（1群）　A

395　OB40, 1-150, 6520　D
短柱状の微晶, 微球体

396　OB41, 1-159, 2932, 12RB4-75, 和田峠（1群）　B

397　OB41, 1-159, 2932　D
リボン状の晶子, 微球体, 短柱状の微晶

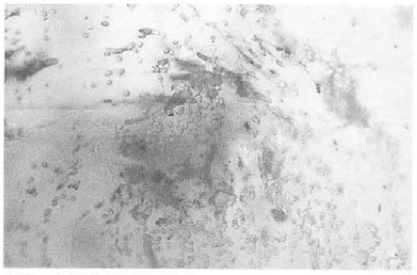


398　OB42, 1-153, 6580, 12VD4-27, 麦草峠　A

399　OB42, 1-153, 6580　B

400　OB42, 1-148, 6356, 12VB6-24, 冷山　A

401　OB42, 1-148, 6356　B



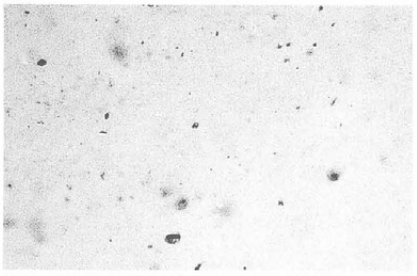
402　OB42, 1-148, 6356　D
透明な微球体？

403　OB42, 1-148, 6356　D
紡錘形の気泡

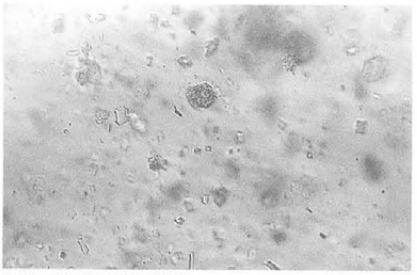
404　OB43, 1-130, 1639, 12RA3-165, 霧ヶ峰　A

405　OB43, 1-130, 1639　B

406　OB43, 1-130, 1639　D
雲状微球体, 短柱状の微晶

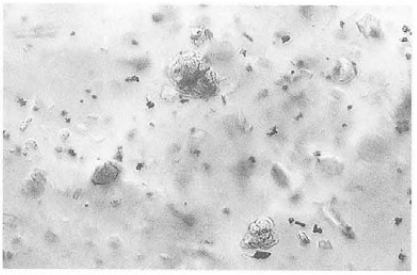


407　OB43, 1-14, 5002, 12RD5-310, 霧ヶ峰　B



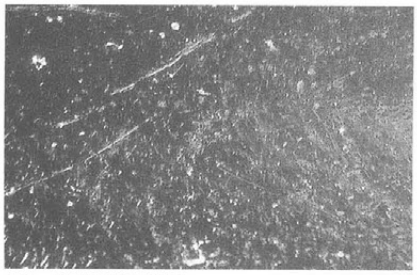
408　OB43, 1-14, 5002　D
骸晶, 短柱状の微晶, 微球体, 球顆

409　OB43, 1-32, 3052, 12RB4-175, 霧ヶ峰(観音沢)　A



410　OB43, 1-32, 3052　D
微球体, 短柱状の微晶, 球顆

411　OB単, 2-70, 5974, 12UG7-3, 上ノ原UH63群　A



412　OB単, 2-70, 5974　B

413　OB単, 2-70, 5974　D
連鎖状晶子？

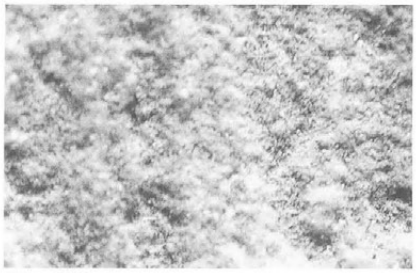
414　OB単, 2-70, 5974, 同　E
連鎖状晶子？

石材写真　24：無斑晶質安山岩

415　AN1　A

416　AN1　B

417　AN2　A


418　AN2　B

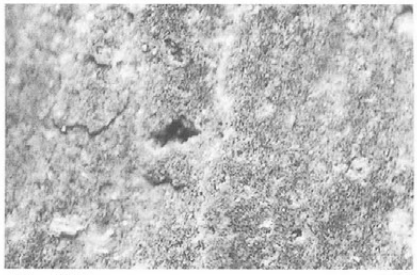
419　AN3　A

420　AN3　X40

421　AN4　A

422　AN4　B

423　AN5　A


424　AN5　B

425　AN6　A

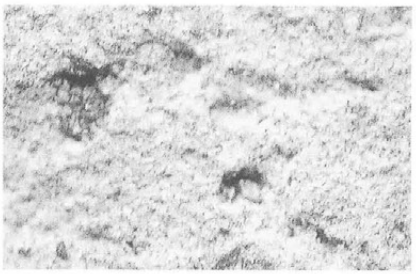
426　AN7　A

427　AN7　B

428　AN8　A

429　AN8　B

430　AN9　A


431　AN9　B

432　AN10　A

433　AN10　B

434　AN11　A

435　AN11　B

436　AN12　A

437　AN12　B

438　AN13　A

439　AN14　A

440　AN14　B

441　AN15　A

442　AN15　B

443　AN16　A

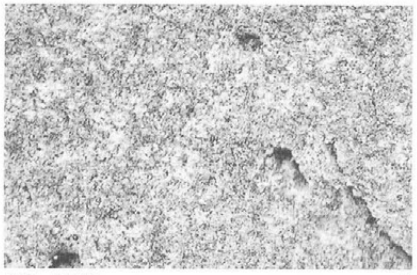
444　AN16　B

445　AN17　A

446　AN17　B

447　AN18　A

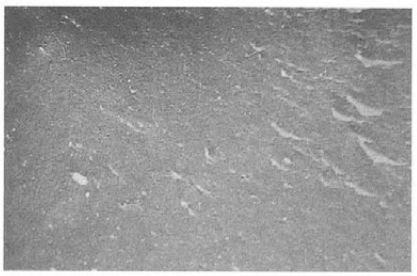
448　AN19　A


449　AN19　B

450　AN20　A

石材写真　26：頁岩

451　SH1, 506, 12QG3-138, 玉髄質の珪質頁岩　A



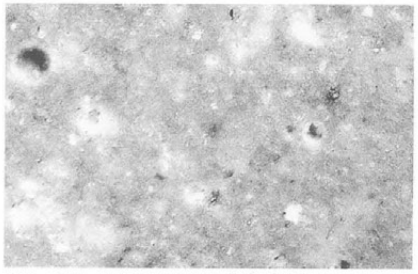
452　SH2, 321, 12QG2-111, 玉髄質の珪質頁岩　A

453　SH3, 8939, 12WB1-58, 玉髄質の珪質頁岩　A

454　SH3, 8939, 放散虫化石　D

455　SH4, 8920, 12WB1-97, 玉髄質の珪質頁岩　E
放散虫化石

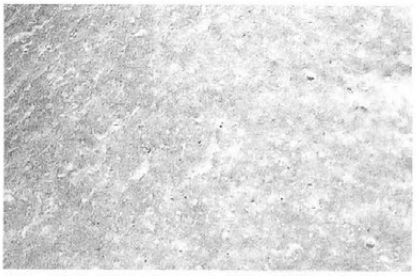
456　SH4, 8920　D
放散虫化石



457　SH5, 2705, 12RA8-79, 褐色珪質凝灰質頁岩　B
放散虫化石

458　SH5, 9015, 12WB1-139　C
放散虫化石

459　SH5, 9015, 有孔虫化石？　D

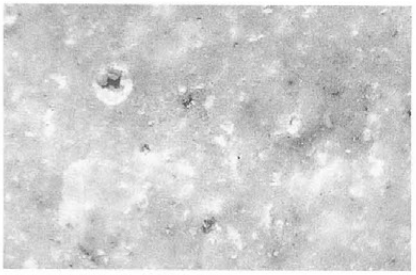


460　SH6, 3374, 12RB7-74, 褐色珪質凝灰質頁岩　A

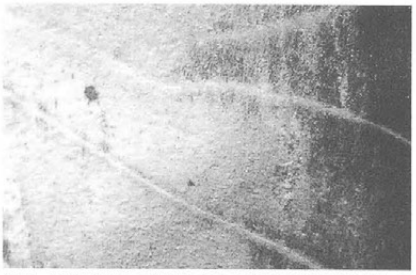
461　SH6, 3374, 放散虫化石　B

462　SH6, 9013, 12WB1-137, 放散虫又は有孔虫　C

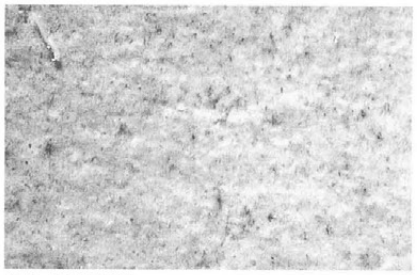
463　SH7, 3330, 12RC7-30, 褐色珪質凝灰質頁岩　A



464　SH7, 3330, 放散虫化石　B



465　SH8, 8443, 12WA1-485, 灰色珪質凝灰質頁岩　A

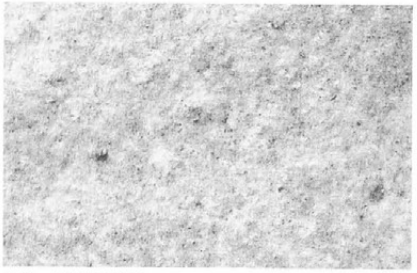


466　SH8, 8443　B

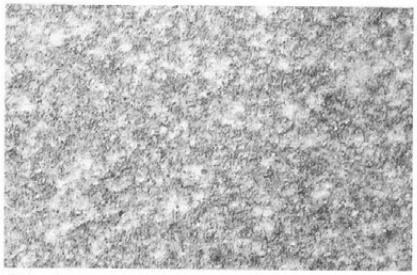
467　SH9, 1565, 12RA3-90, 灰色珪質凝灰質頁岩　A

468　SH12, 7921, 12VH2-413, 灰色珪質凝灰質頁岩　B

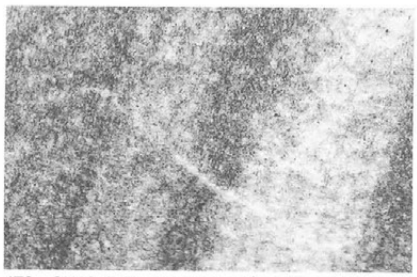
469　SH13, 7895, 12VH2-383, 灰色珪質凝灰質頁岩　A



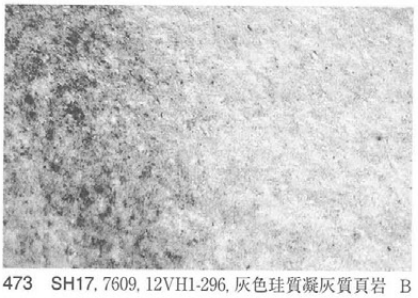
470　SH13, 7895　B



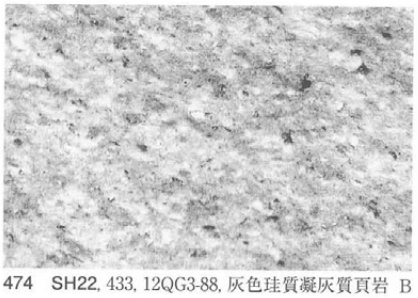
471　SH14, 2354, 12RA5-423, 灰色珪質凝灰質頁岩　B



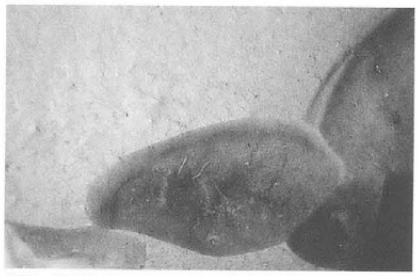
472　SH16, 2702, 12RA8-76, 灰色珪質凝灰質頁岩　B



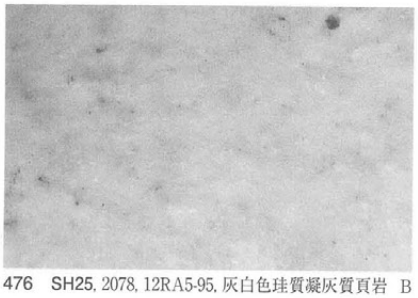
473　SH17, 7609, 12VH1-296, 灰色珪質凝灰質頁岩　B



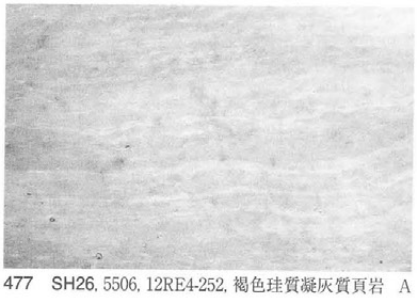
474　SH22, 433, 12QG3-88, 灰色珪質凝灰質頁岩　B



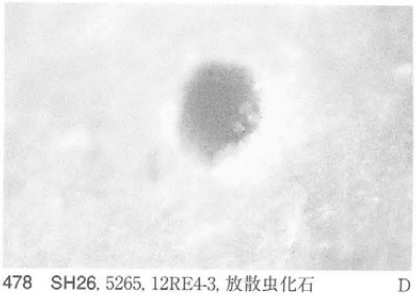
475　SH23, 228, 12QG2-4, 灰褐色珪質凝灰質頁岩　A



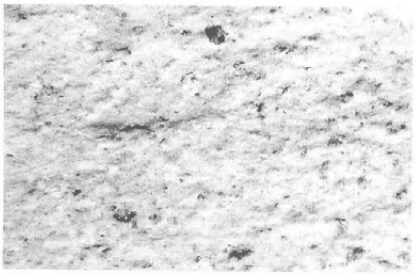
476　SH25, 2078, 12RA5-95, 灰白色珪質凝灰質頁岩　B



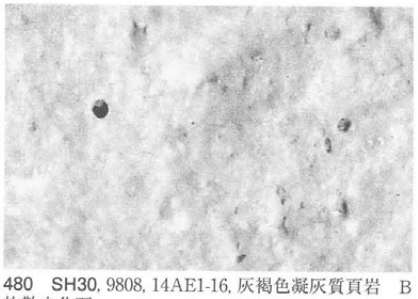
477　SH26, 5506, 12RE4-252, 褐色珪質凝灰質頁岩　A



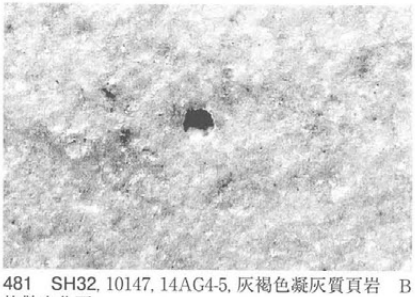
478　SH26, 5265, 12RE4-3, 放散虫化石　D



479　SH28, 1700, 12RA4-21, 灰白色凝灰質頁岩　A

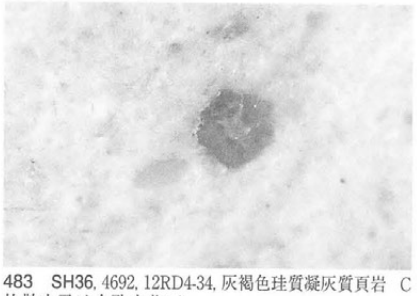


480　SH30, 9808, 14AE1-16, 灰褐色凝灰質頁岩　B
放散虫化石



481　SH32, 10147, 14AG4-5, 灰褐色凝灰質頁岩　B
放散虫化石

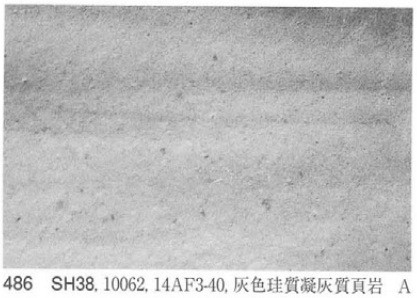
482　SH34, 380, 12QG3-20, 褐色珪質頁岩　A



483　SH36, 4692, 12RD4-34, 灰褐色珪質凝灰質頁岩　C
放散虫又は有孔虫化石

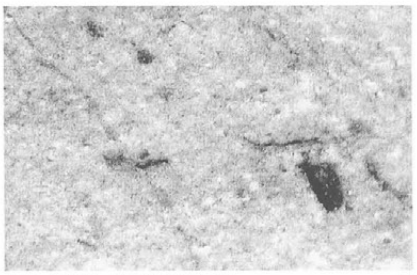
484　SH36, 4692, 有孔虫化石　B

485　SH37, 9477, 13JC1-19, 暗灰色珪質凝灰質頁岩　B



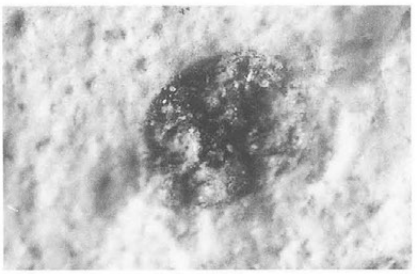
486　SH38, 10062, 14AF3-40, 灰色珪質凝灰質頁岩　A

石材写真　28



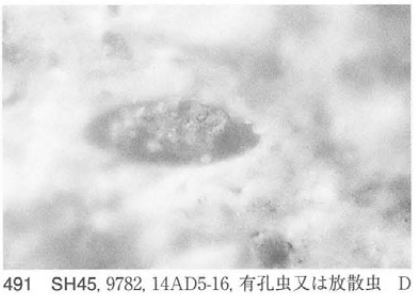
487　SH38, 10062, 泥の偽礫　B

488　SH42, 2798, 12RB3-24, 灰白色凝灰質頁岩　A

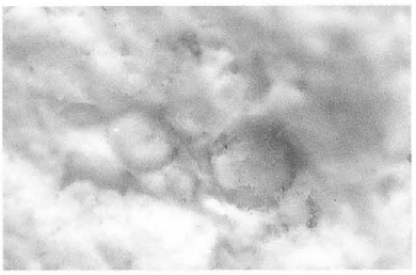


489　SH42, 2798, 有孔虫化石　C

490　SH42, 2798, 有孔虫化石　D

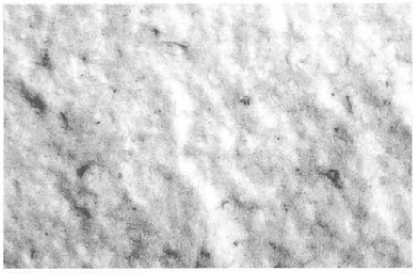


491　SH45, 9782, 14AD5-16, 有孔虫又は放散虫　D

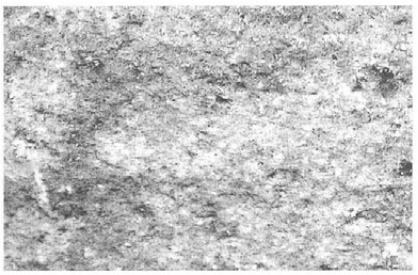


492　SH45, 9782, 有孔虫化石？　C

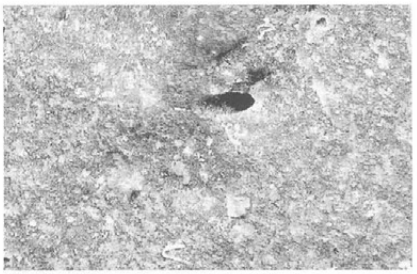
493　SH46, 6730, 12VE2-46, 灰白色凝灰質頁岩　A



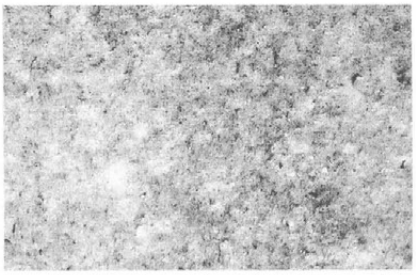
494　SH46, 6730　B



495　SH47, 8263, 12WA1-206, 灰色凝灰質頁岩　B

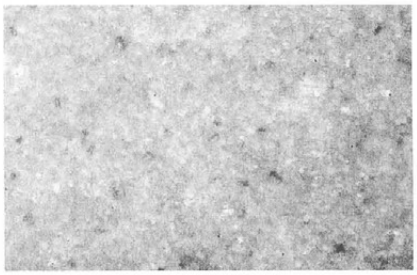


496　SH48, 5339, 12RE4-94, 暗褐色珪質頁岩　B
カイメン骨針



497　SH49, 9563, 13JC4-11, 灰色珪質凝灰質頁岩 B

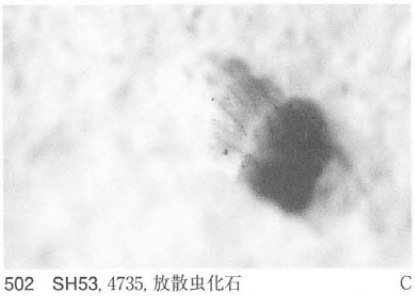
498　SH49, 9563, 被熱破砕痕　A



499　SH50, 灰白色珪質凝灰質頁岩　B

500　SH52, 灰褐色珪質頁岩　A

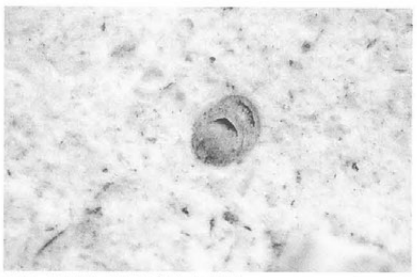
501　SH53, 4735, 12RD5-24, 灰白色凝灰質頁岩　B
放散虫化石



502　SH53, 4735, 放散虫化石　C

503　SH53, 4735, 放散虫化石　C

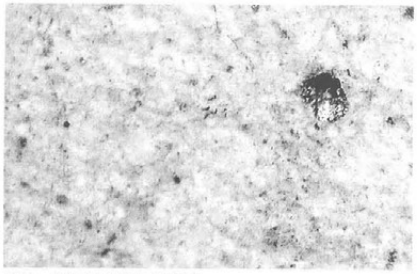
504　SH53, 5922, 12RF5-35, 有孔虫？　C



505　SH53, 5922, 有孔虫化石　B

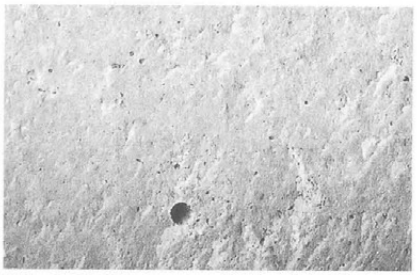
506　SH54, 1553, 12RA3-10, 灰白色凝灰質頁岩　A

507　SH55, 6697, 12VE1-14, 灰白色凝灰質頁岩　A



508　SH55, 6697, 石英？　B

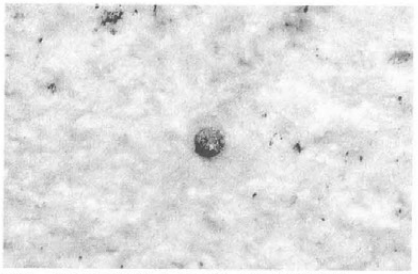
509　SH57, 1604, 12RA3-228, 灰色凝灰質頁岩　B



510　SH58, 9890, 14AF1-10, 灰褐色珪質凝灰質頁岩　A

511　SH60, 8355, 12WA1-355, 褐色珪質頁岩　B
有孔虫化石

512　SH62, 8511, 12WA2-65, 灰白色珪質凝灰質頁岩　A
放散虫化石

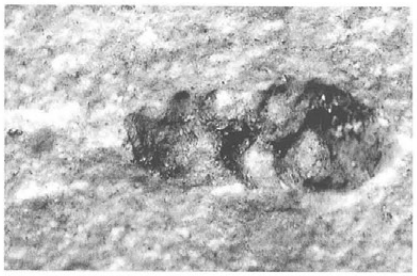


513　SH63, 10100, 14AG3-5, 灰白色凝灰岩　B
放散虫化石

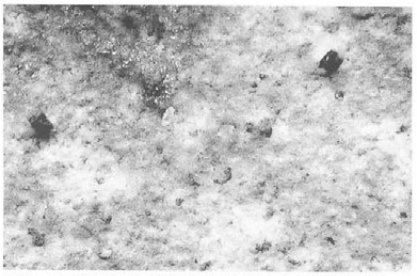
514　SH65, 6830, 12VE6-37, 明黄褐色珪質頁岩　A

515　SH65, 有孔虫化石　D

516　SH65, 有孔虫化石　D

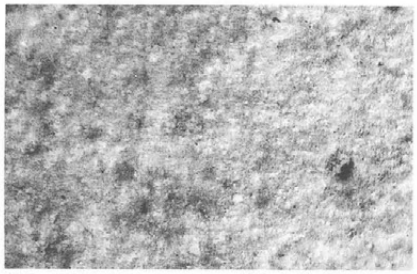


517　SH66, 5592, 12RE5-41, 灰褐色珪質凝灰質頁岩　B
有孔虫化石？



518　SH67, 5551, 12RE4-273, 灰白色凝灰質頁岩　B

519　SH68, 5024, 12RD5-415, 灰白色珪質凝灰質頁岩　A



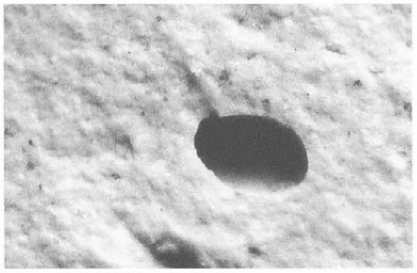
520　SH69, 9852, 14AE3-16, 褐色珪質頁岩　B
放散虫化石

521　SH70, 4786, 12RD5-82, 灰白色珪質頁岩　A

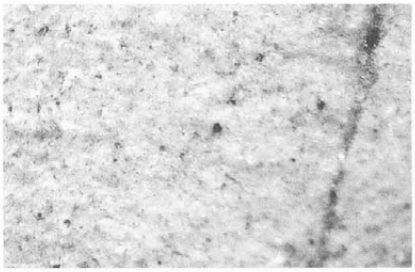
522　SH71, 7710, 12VH2-37, 黒色珪質頁岩　A

石材写真　30

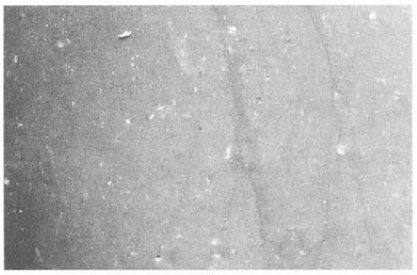
523　SH74, 8034, 12VH2-515, 灰白色凝灰質頁岩　A

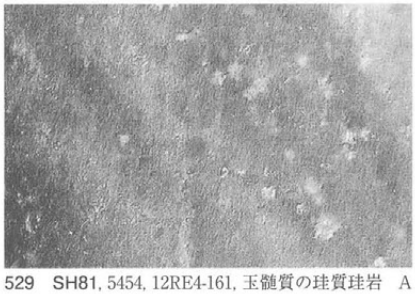

524　SH74, 8034, 有孔虫化石？　B

525　SH75, 4669, 12RD4-4, 灰褐色珪質頁岩　A


526　SH77, 黄褐色凝灰岩　B

527　SH79, 4304, 12RC5-299　A


528　SH80, 褐色珪質頁岩　A

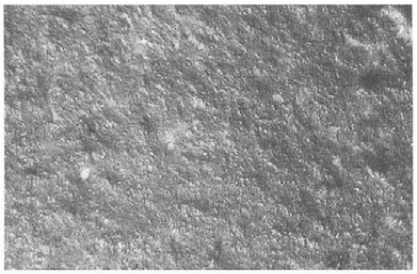

529　SH81, 5454, 12RE4-161, 玉髄質の珪質珪岩　A

530　SH81, 238, 12QG2-23, 有孔虫化石？　B

531　SH82, 7031, 12VF4-25, 玉髄質の珪質頁岩　A

532　SH82, 7333, 12VG4-78, 有孔虫化石？　B

533　SH82, 7333, 放散虫化石？　B


534　SH83, 9299, 13JA3-24, 褐色珪質頁岩　B

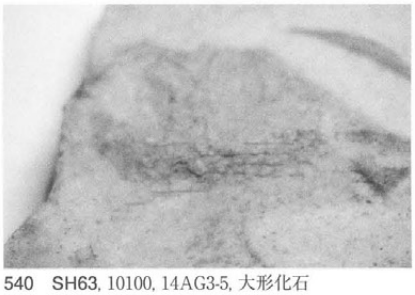
535　SH84, 7851, 12VH2-300, 灰白色凝灰質頁岩　A

536　7851, 放散虫？　B

537　SH86, 2404, 12RA5-506, 灰色珪質頁岩　B

538　SH87, 褐色珪質頁岩　A

539　SH58, 9921, 14AF1-46, 大形化石


540　SH63, 10100, 14AG3-5, 大形化石

541　TU2, 2215, 12RA5-265, 白色系凝灰岩　A
石英

542　TU2, 2215, 新鮮面　B

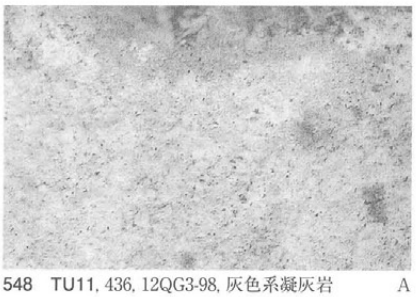
543　TU4, 421, 12QG3-59, 灰色系凝灰岩　A

544　TU7, 3065, 12RB4-193, 白色溶結凝灰岩　A

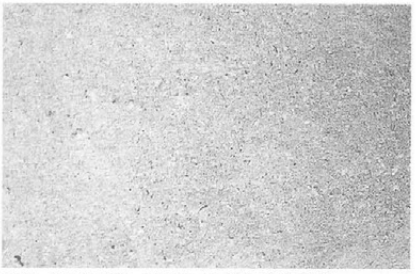
545　TU8, 5848, 12RE6-45, 凝灰岩　A

546　TU10, 675, 12QG7-32, 灰色系凝灰岩　A

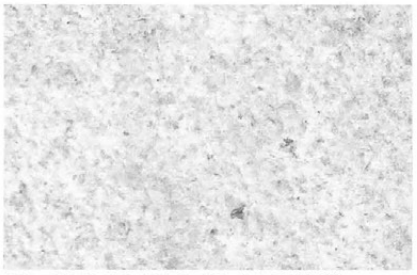
547　TU10, 675　B



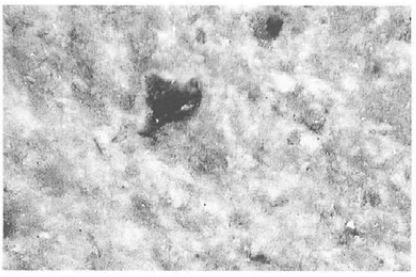
548　TU11, 436, 12QG3-98, 灰色系凝灰岩　A



549　TU12, 388, 12QG3-41, 灰色系凝灰岩　A



550　TU13, 489, 12QG3-166, 白色系凝灰岩　A



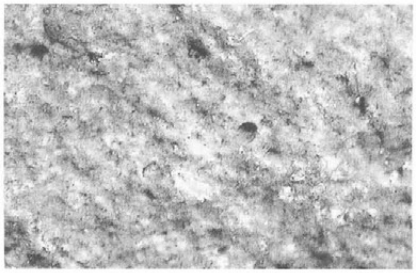
551　TU13, 489　B

552　TU14, 5582, 12RE5-25, 灰色系凝灰岩　A

553　TU15, 3868, 12RB8-85, 灰色系凝灰岩　A

554　TU16, 3541, 12RB6-23, 白色系凝灰岩　A

555　TU17, 10083, 14AG2-6, 褐色凝灰岩　A

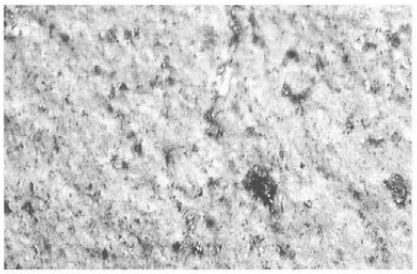


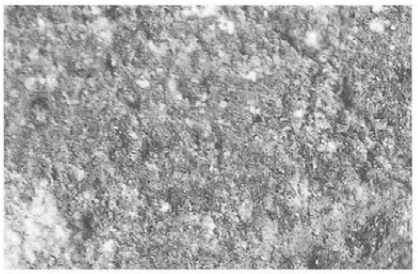
556　TU18, 3824, 12RB8-68, 凝灰岩　B

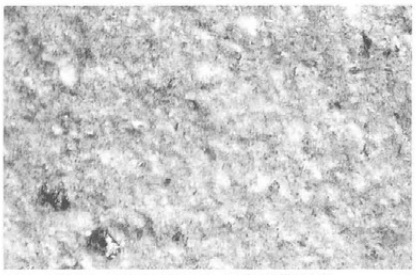
557　TU19, 3882, 12RB8-103, 灰色系凝灰岩　A
カイメン骨針

558　TU20, 1459, 12QH8-245, 灰色系凝灰岩　B

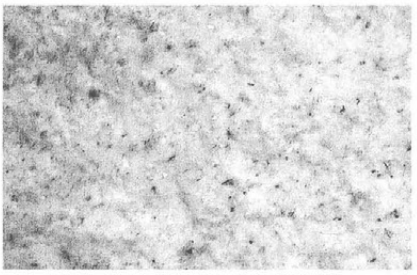
559　TU21, 3587, 12RB6-93, 灰色系凝灰岩　A


560　TU21, 3587　B

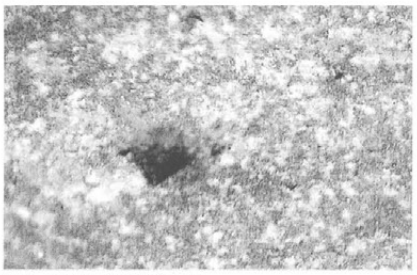

561　TU22, 3872, 12RB8-90, 灰色系凝灰岩　B
新鮮面


562　TU23, 5902, 12RF5-4, 灰色系凝灰岩　B

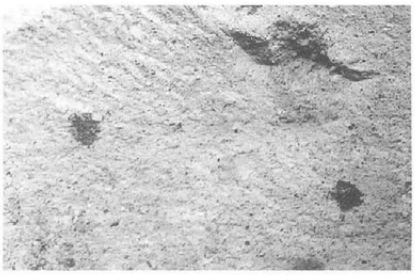
563　TU25, 9585, 13JD4-8, 灰色系凝灰岩　B
新鮮面


564　TU26, 5839, 12RE6-95, 白色系凝灰岩　A

565　TU28, 7160, 12VG2-109, 灰色系凝灰岩　A


566　TU28, 7160, 黄鉄鉱　B

567　TU29, 2917, 12RB4-55, 灰色系凝灰岩　A


568　TU30, 741, 12VH1-92, 白色系凝灰岩　A

569　TU30, 741, 白色系凝灰岩　B

570　TU31, 6321, 12VB5-14, 灰色系凝灰岩　A

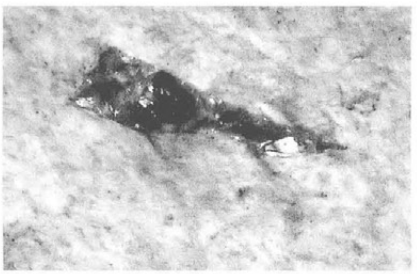
571　TU32, 3998, 12RC4-105, 白色系凝灰岩　A

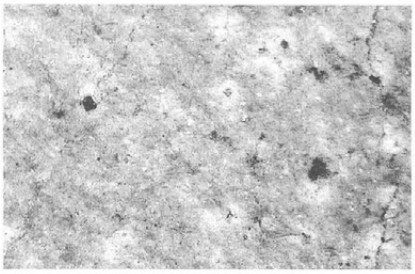
572　TU33, 3710, 12RB7-71, 灰白色凝灰岩　A

573　TU33, 3710　B

574　TU34, 8050, 12VH3-20, 灰色系凝灰岩　A

575　TU35, 9754, 14AD2-4　A

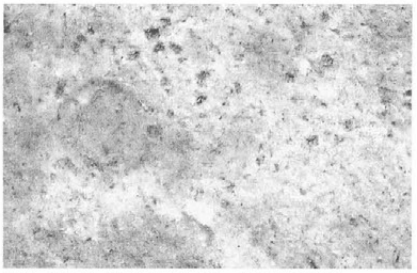

576　TU35, 9754, 石英　B

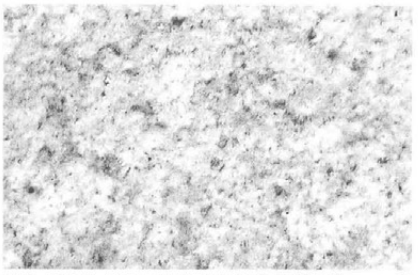

577　TU37, 8533, 12WA2-152, 凝灰岩　B

578　TU39, 9019, 12WB1-151, 灰色系凝灰岩　A

579　TU40, 7275, 12VG3-127, 灰白色系凝灰岩　B

580　TU42, 4128, 12RC5-155, 灰白色凝灰岩　A


581　TU43, 2933, 12RB4-76, 灰褐色凝灰岩　B


582　TU44, 1514, 12RA3-33, 灰白色凝灰岩　B

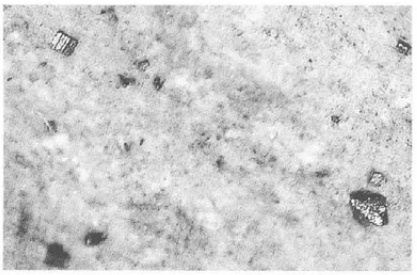
583　TU45, 4613, 12RC7-61　B

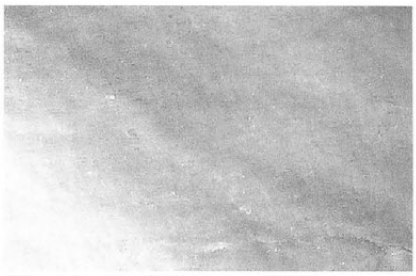
584　TU46, 5116, 12RD6-70, 灰色系凝灰岩　B
有孔虫化石

585　TU46, 5473, 12RE4-213, 放散虫又は有孔虫　B

586　SERP, 7007, 12VF3-119, 蛇紋岩　B

587　TU単, 9791, 14AD6-3, 緑色凝灰岩　A

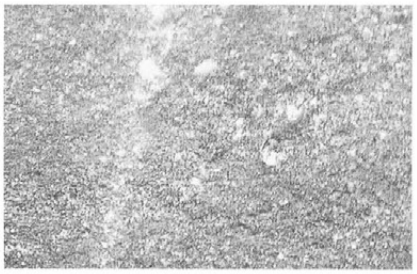

588　TU単, 10078, 14AG1-2, 灰色系凝灰岩　B
黄鉄鉱


589　CH1, 8088, 12VH3-102, 赤褐色チャート　A

590　CH2, 7937, 12VH2-447, 赤紫色チャート　A

591　CH3, 6592, 12VD4-17, 灰色チャート　A

592　CH4, 灰色チャート　A


593　CH5, 8296, 12WA1-258, 灰色チャート　B

594　CH6, 1153, 12QH6-4, 灰色チャート　A

石材写真　34

595　CH6, 7972, 12VH2-461, 灰色チャート　B

596　CH7, 6330, 12VB5-36, 灰色チャート　B

597　CH8, 6964, 12VF3-39, 灰色チャート　B

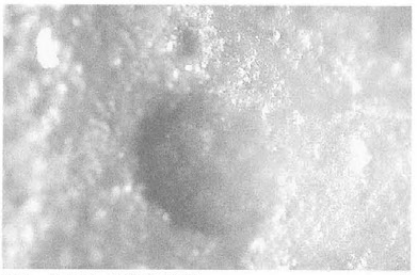
598　CH9, 6601, 12VD4-73, 灰色チャート　B

599　CH10, —, 12VD4-71, 灰色チャート　A

600　CH11, 735, 12QG8-77, 灰色チャート　A

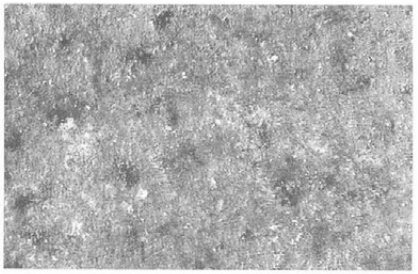
601　CH11　B

602　CH12, —, 13EH4-1, 赤褐色チャート　A


603　CH12, 放散虫化石　D

604　CH13, 2876, 12RB4-18, 赤褐色チャート　A

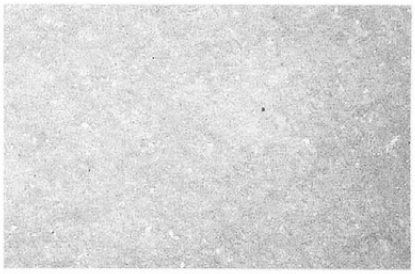
605　CH14, 5418, 12RE4-187, 赤褐色・緑褐色チャート　A

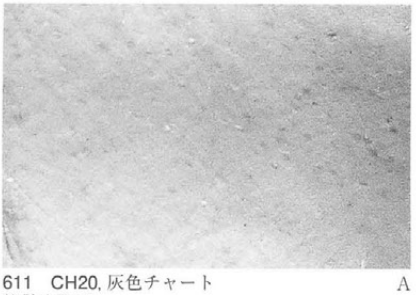

606　CH15, 6461, 12VC5-10, 赤褐色・緑灰色チャート　B
放散虫化石

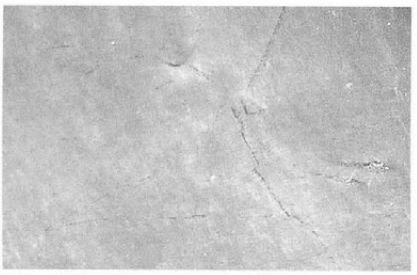
607　CH16, 5630, 12RE5-55, 灰色チャート　B

608　CH17, 6583, 12VD4-35, 灰色チャート　B

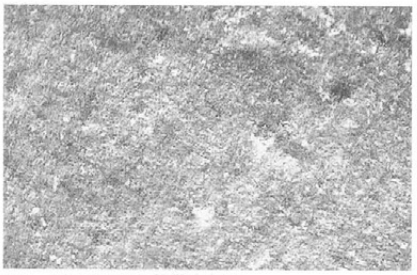
609　CH18, 3993, 12RC4-99, 灰色チャート　A


610　CH19, 8126, 12WA1-44, 灰色チャート　B


611　CH20, 灰色チャート　A
放散虫化石


612　CH21, 9761, 14AD4-23, 赤褐色チャート　A

613　CH22, 6477, 12VC6-20, 赤褐色チャート　A
放散虫化石



614　CH22, 6477, 放散虫化石　B

615　CH1, 9371, 13JB2-71, 衝撃痕・削れ中　A

616　CH2, 7937, 12VH2-447, 衝撃痕・削れ強　A

617　CH2, 7937, 衝撃痕・削れ強　A

618　CH3, 6610, 12VD5-1, 衝撃痕・削れ少　A

619　CH3, 6592, 12VD4-17, 衝撃痕・削れ少　A

620　CH4, 6315, 12VB5-7,衝撃痕・削れ少　A

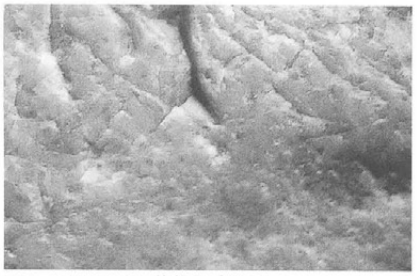
621　CH5, 8311, 12WA1-275, 衝撃痕・削れ強　A

622　CH6, 7972, 12VH2-461, 衝撃痕・削れ中　A

623　CH11, 735, 12QG8-77, 衝撃痕・削れ強　A

624　CH14, 6322, 12VB5-24, 衝撃痕・削れ中　A

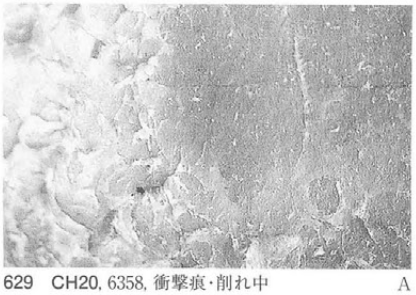
625　CH15, 6326, 12VB5-25, 衝撃痕・削れ強　A



626　CH15, 6326, 衝撃痕・削れ強　A

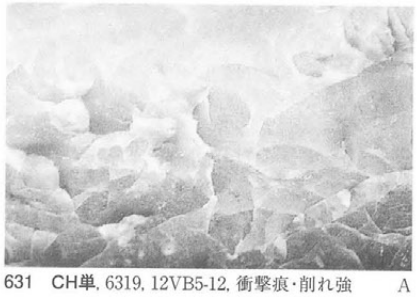
627　CH19, 7987, 12VH2-486, 衝撃痕・削れ強　A

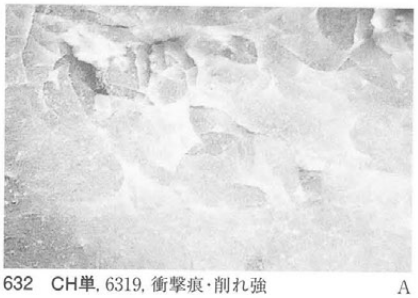
628　CH20, 6358, 12VB6-25, 衝撃痕・削れ中　A

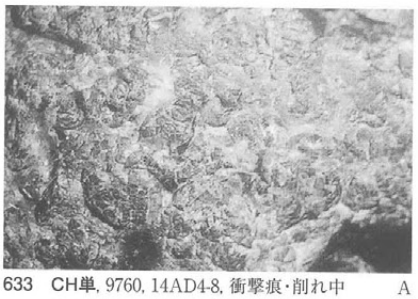


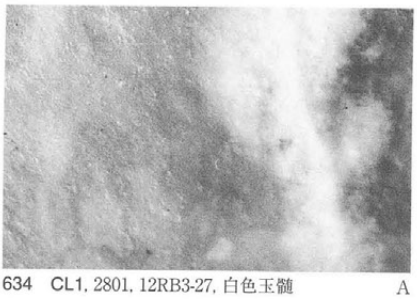
629　CH20, 6358, 衝撃痕・削れ中　A

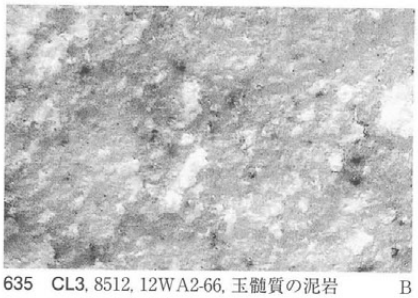
630　CH21, 9761, 14AD4-23, 衝撃痕・削れ強　A

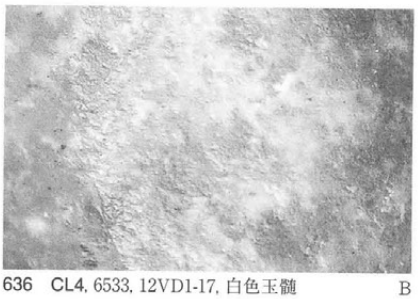

631　CH単, 6319, 12VB5-12, 衝撃痕・削れ強　A

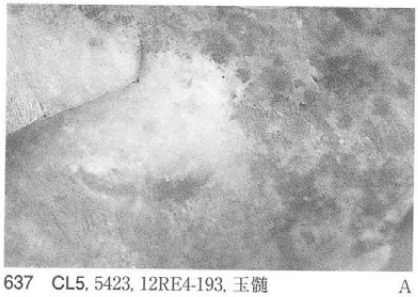

632　CH単, 6319, 衝撃痕・削れ強　A

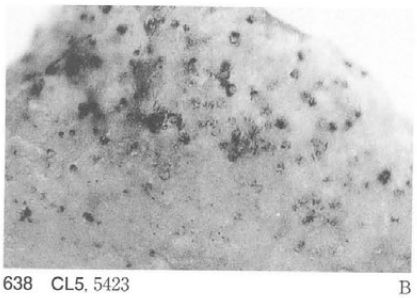

633　CH単, 9760, 14AD4-8, 衝撃痕・削れ中　A

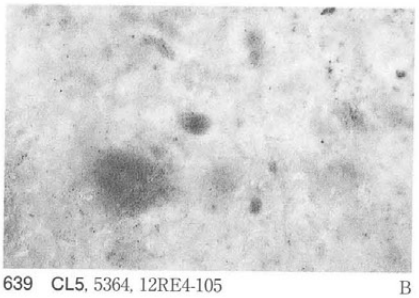

634　CL1, 2801, 12RB3-27, 白色玉髄　A


635　CL3, 8512, 12WA2-66, 玉髄質の泥岩　B


636　CL4, 6533, 12VD1-17, 白色玉髄　B

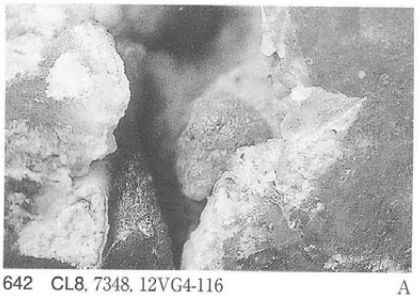

637　CL5, 5423, 12RE4-193, 玉髄　A

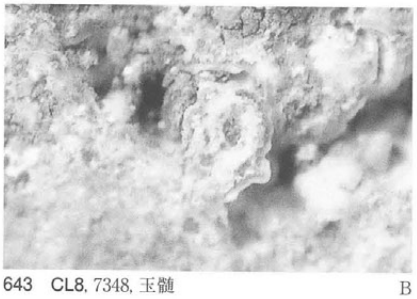

638　CL5, 5423　B

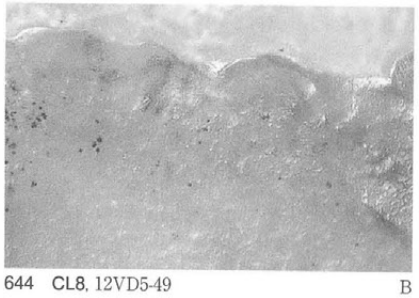

639　CL5, 5364, 12RE4-105　B

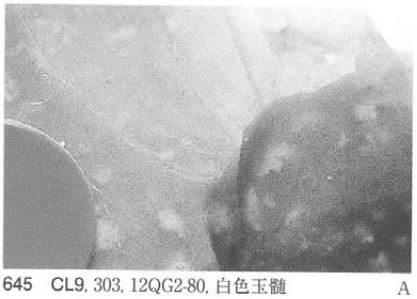
640　CL6, 7740, 12VH2-135, 玉髄　A

641　CL7, 玉髄　A

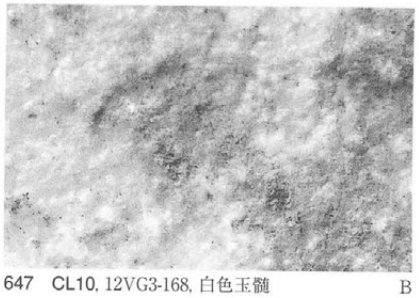

642　CL8, 7348, 12VG4-116　A

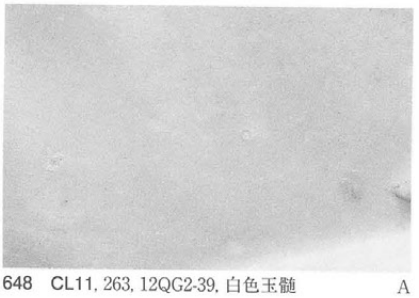

643　CL8, 7348, 玉髄　B

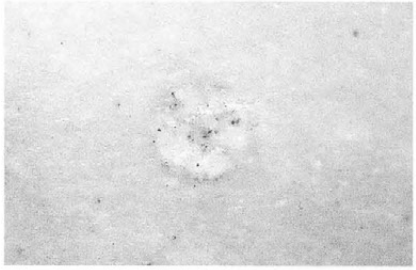

644　CL8, 12VD5-49　B


645　CL9, 303, 12QG2-80, 白色玉髄　A

646　CL9, 535, 12QG3-203, 放散虫化石　B


647　CL10, 12VG3-168, 白色玉髄　B


648　CL11, 263, 12QG2-39, 白色玉髄　A

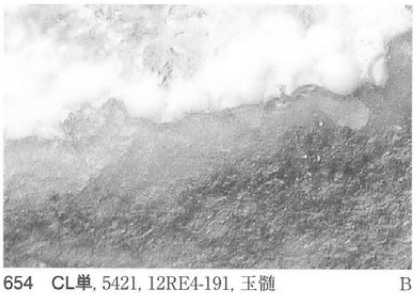

649　CL11, 263, 放散虫化石　B

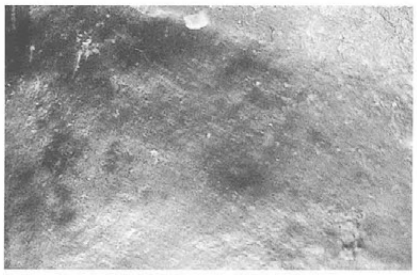
650　CL単, 10088, 14AG2-16, 白色玉髄　B

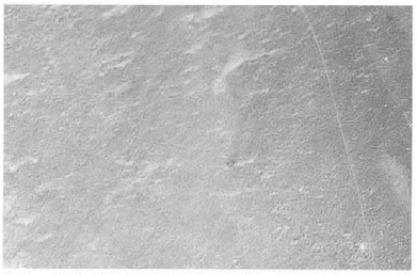
651　CL単, 9607, 14AA4-7, 白色玉髄　A

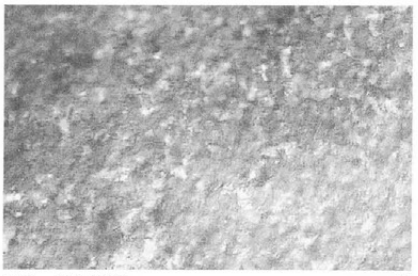
652　CL単, 9607, 有孔虫又は放散虫化石　B

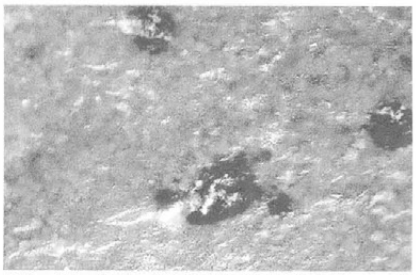
653　CL単, 7298, 12VG3-165, 透明玉髄　A


654　CL単, 5421, 12RE4-191, 玉髄　B


655　JA1, 7828, 12VH2-276, 碧玉(鉄石英)　A

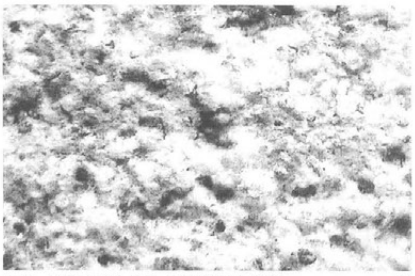

656　JA1, 8673, 12WA2-306, 碧玉(鉄石英)　A

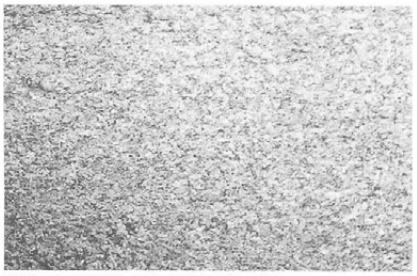

657　JA1, 8673　B

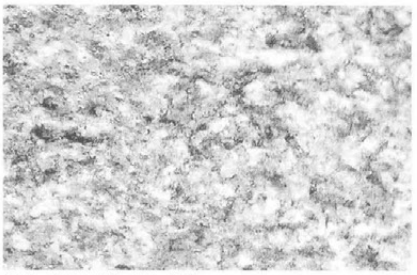

658　JA1, 8717, 12WA2-366, 碧玉(鉄石英)　B

659　JA2, 5920, 12RF5-29, 碧玉(鉄石英)　A

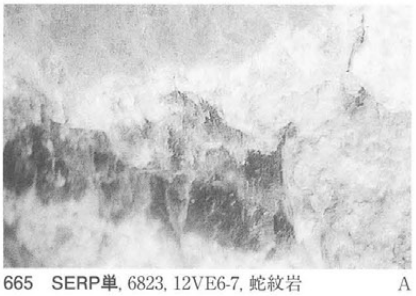
660　JA2, 5920　B


661　SAND単, 989, 12QH4-73, 砂岩　B


662　SAND単, 174, 12QF7-80, 砂岩　A


663　SAND単, 174, 砂岩　B

664　SAND単, 6283, 12VA7-24, 砂岩　A


665　SERP単, 6823, 12VE6-7, 蛇紋岩　A

666　SERP単, 9256, 13EG7-7, 蛇紋岩　B

上ノ原遺跡発掘風景　北東側　1995年10月

上ノ原遺跡発掘風景　南西側　1996年10月

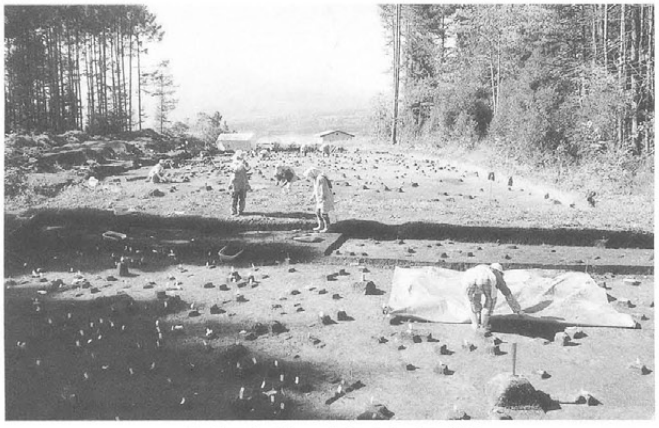
発掘写真　2

上ノ原遺跡発掘風景　南西端・国道交差部　1997年５月

北東側の発掘　遺構・遺物確認

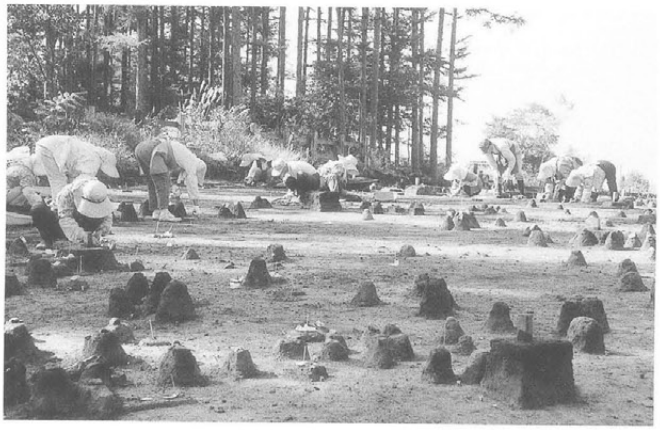
北東側　下層の調査

北東側　１年目の終了頃　1995年12月



遺物の記録　中央から南西側

遺物の記録　中央部



遺物の発掘ととりあげ　中央部

発掘風景　北東側

発掘風景　遺物集中区の清掃

南西側の発掘　出土遺物は少ない