

[illegible]

[illegible]

Notes

ra am not strict about recording in 1st section only if $> \frac{1}{2}$ present. eg. ra shaft, if groove for ulna + foramen present, I record.

M3 04 59C 1 3rd cuop there at root & reduced to a small lip at occlusal surface.

age 2 d ra fusion line visible

β 78F hu 5 ends missing but whole shaft present

β 04 60C 1 sc imm, ch & ? gn. but complete except head, no ch on spine. anterior edge.

β 05 10A1 hu 5 as 78F

β " " 2 ulnae both broken on olecranon, $\therefore$ probably imm. not a pair.

β 3 ra whole p end & top 12 cm of bar, ch. firm at that point.

" C 1 3 deciduous incisors put in comparative collection.

β - 84B 1 complete ra. Actually, more bones are less chopped up, noticeably ribs, than ^{Roman} Cambridge (Wales) or Thetford ASaxon.

age 84B 2 sk. R & L malar, ^{? pulled} fro with horn bud, fragments of maxilla, one of which fits 2^L dec premax, in light wear - recorded on jaw sheet. Other 2 teeth $\beta^{2,3}$ R side. Very rough age estimate 6-9 months.

! + alveolus for M¹, erupting.

⊙ 06 15 1 sk & hc, R, hc ch anteriorly, ^{possibly} evidently to remove horn. ? photo. See below.

⊙ 06 21B 1 sc nearly complete, with hole in blade, which looks as tho it was done when fresh. ? photo.

β 05 16 1 pe comp. coll. Fairly complete - most of shaft of d. and d & ish part of acetabulum.

- " " 2 md " "

β 09 46 1 pe " " " "

β 373 1 skulls remains of 2 skulls, possibly (4) horn cores chopped. described on measurements page. Describe β &

- 391 1 max. comp. cal. b - just the deciduous 1st premolar. Grigson shape of frontal eminence

β gen. ulna all spp, olecranon rarely there. No definite ch marks, but probably is ch. off. of marks distal humerus of sheep. eg 396

373 1. L frontal + hc chopped all round, c. 13 ch marks, without separating the actual horn, which is broken, ^{one goes thru to the sinus higher up.} frontal profile from above / fro. profile from front Grigson, - a) slight boss 1 mark / b) low double curve. Horn direction straight out.

2.4 L frontal, lacrimal & malar, fused but fusion line visible. The lacrimal bone has a hole 6.5 x 3 mm in the anterior part, connecting with the frontal sinus.

3. L frontal & part of lacrimal, partially fused.

4.2 L fro + hc. hc chopped 3 times on front at base

a) Not enough present to describe the boss, perhaps a "pointed high boss"

b) Interorbital Ridge - high double or high single arch.

Grigson, C 1976 The Craniology and Relationships of Four Species of Bos 3. Basic Craniology. Journal of Archaeological Science 3, 115-136.

06 10, cont. Skull. a) almost certainly a 'slight boss' - it is not complete enough to be sure
b) high double or single arch.

Bre 02

Handwritten notes on a grid, organized by anatomical region (ti, L, R, calc, astrag, mc, mt, phal, atlas, axis, other cerv, thor, lumb, sac, caudal) and numbered fragments (14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 83

	15	9	4	1	1	28	19	30	17	7
cpl										
tol		-			i i			? mm	0545 centro.	
mc				t dustal				i i	i i	
mt						i		i i		i i 1548
mp									ep o	
phal 1-3					Ble03a 03b					
otlas/axis	15	9	4	1	1	28	19	30	17	7

- Method. Method. 1st section records bone if $> \frac{1}{2}$ end there; but if there's a substantial fragment, less $< \frac{1}{2}$, but the only fr. of that element in the feature, then it has gone in on 1st section.
- gen. 04 590 1 md frag. root marks, a little pts common on the material tho it is hard and strong, a light in colour.
- β " 2 sc frag ch near base of spine, spine not cut off.
- " 3 calc put into comparative collection.
- β " c 1 spine chopped off
- (E) 1 md R with alveolus for M_3 - see md sheet
- L 1 sc β ch proximally a narrow neck
- 05 06 1 phl. path reduction of bone proximally / dorsal surface, extra growth of bone prox peripheral & distal medial parts, both affecting the shaft and the articular surface, there is some eburnation of the medial joint surface probably wasn't photograph very spectacularly but a record would be useful.
- 05 10A 1 mt method see note on method above.
- 838 1 phl gn distal medial corner eaten or cut thru to expose central cavity by dog or human?
- 843 1 md β R & L condyles, one has small knife marks, the other a chop mark, below the condyle.
- 06 21C 1 ti shaft. $> \frac{1}{2}$ there. not in " ?
- " " 2 nt - put in comparative collection.
- 05 35 1 ph. β ch lateral / prox. also a hole distal / ventral side of shaft. ? dogs ? use of marrow.
- 04 68 1 horse is present, so more careful about assigning fragments to "cattle".
- 04 84 1 ph v large, hole in distal end, made from ventral side. ? ch proximally too.

CATTLE

BIC 1.4

BIC 04

Total I.A. 0+(3) 1+(1) 2 1+(1) 4+(4) 2+(1) 10+(8)

Roman

1

psj
1

1

max³
2 max

max
1

Med.

1

psj
1

2

+1E

+1E max

Ble 05a
05b

Over

Dental Variation.

Lack of 3rd Unit. I.A. 459. 3rd unit ^{present} there at root and reduced to a small lip at the occlusal surface (Grant 1975 wear stage 9)

Bre06

Cattle Jaws

$$\text{1st phal. } 658.2 \div 12 = 54.85$$

0506 & ph1 path, but is ok - Bp taken at the widest point of a normal phal., which is not affected by the pathology, though the swelling makes the max Bp $> 27\text{mm}$.

Accuracy - read to 0.1, though in fact the accuracy is more like to 0.5mm at least.

Bie 07a
07b