

# PALAEOHISTORIA

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H. T. WATERBOLK

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A. T. CLASON

ANIMAL AND MAN IN HOLLAND'S PAST

ERRATA - Part A

Page IX Fig. 17. *Putorius putorius* - skull: a, A/F 18<sup>a</sup>; c, A/G 19<sup>d</sup>; d, A/F 17<sup>a</sup> (1).

*Putorius cf. putorius* - skull: b, A/F 17<sup>a</sup> (2). 1:1.  
should read:

*Putorius putorius* - skull: a, A/F 18<sup>a</sup>; c, A/G 19<sup>d</sup>; d, A/F 17<sup>a</sup> (2).

*Putorius cf. putorius* - skull: b, A/F 17<sup>a</sup> (1). 1:1.

Page X Fig. 75. *Branta bernicla* - radius: a, 0/?; ulna: b, 0/4237; metacarpus: c, 0/4237; *Anser albifrons* - coracoid: d, 0/4237; *Anser cf. fabalis brachyrhynchos* - metacarpus: e, V/93. 1:1.

should read:

*Anser albifrons* - coracoid: a, 0/4237; cf. *Anser fabalis brachyrhynchos* - metacarpus: b, V/93;  
*Branta bernicla* - radius: c, 0/?; metacarpus: d, 0/4237; *Branta leucopsis* - ulna, 0/4237. 1:1.

Page XI Fig. 76. *Branta leucopsis* - humerus: a, 0/1187; scapula: b, 0/4237; metacarpus: c, 0/2989; tibio - tarsus: d, 0/4520. 1:1.

should read:

*Branta leucopsis* - humerus: a, 0/1187; scapula: b, 0/4237; metacarpus: c, 0/2989; tibio-tarsus: d, 0/4520; e, 0/1162; femur: f, 0/3999. 1:1.

Fig. 79. *Buteo buteo* - tibio-tarsus: a, V/152; *Haliaeetus albicilla* - radius: b, 0/4891; ulna: c, 0/1891. 1:1.  
should read:

*Buteo buteo* - tibio-tarsus: a, V/152; *Haliaeetus albicilla* - coracoid: b, 0/326; metacarpus: c, 0/4507; phalanx III: d, 0/?. 1:1.

Fig. 89. *Corvus cf. corone* - scapula: a, A/F 18<sup>C</sup>; humerus: b, A/G 21<sup>C</sup>; ulna: c, A/07; sternum: d, 0/2603. 1:1.  
should read:

*Corvus cf. corone* - scapula: a, A/F 18<sup>C</sup>; humerus: b, A/G 21<sup>C</sup>; ulna: c, A/07; sternum: d, 0/260; e, 0/2603. 1:1.

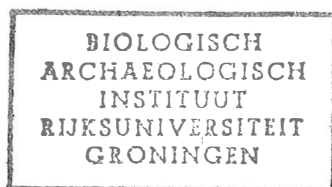
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# ANIMAL AND MAN IN HOLLAND'S PAST

An investigation of the animal world surrounding  
man in prehistoric and early historical times in  
the provinces of North and South Holland



# TABLE OF CONTENTS

|                                                      | PAGE |
|------------------------------------------------------|------|
| List of plates, figures, diagrams and maps . . . . . | x    |
| I. Introduction . . . . .                            | 3    |
| II. Description of the sites . . . . .               | 9    |
| A. Vlaardingen . . . . .                             | 10   |
| B. Hekelingen . . . . .                              | 11   |
| C. Zandwerven . . . . .                              | 12   |
| D. Langeveld near Lisse . . . . .                    | 13   |
| E. Vogelenzang . . . . .                             | 13   |
| F. Zwaagdijk . . . . .                               | 14   |
| G. Wervershoof . . . . .                             | 15   |
| H. Oostwoud . . . . .                                | 16   |
| I. Alphen aan de Rijn . . . . .                      | 17   |
| J. Hoogkarspel . . . . .                             | 17   |
| K. Vlaardingen . . . . .                             | 18   |
| L. Waterworks of Amsterdam . . . . .                 | 18   |
| M. Vlaardingen . . . . .                             | 19   |
| N. Spanjaardsberg . . . . .                          | 20   |
| O. Valkenburg . . . . .                              | 21   |
| P. Vlaardingen . . . . .                             | 22   |
| Q. Velsen . . . . .                                  | 23   |
| R, S, T. Rijnsburg . . . . .                         | 23   |
| U. Huis te Merwede . . . . .                         | 24   |
| V. Amsterdam . . . . .                               | 25   |
| III. The animals . . . . .                           | 27   |
| a. <i>Mammalia</i> . . . . .                         | 29   |
| 1. <i>Oryctolagus cuniculus</i> (L.) . . . . .       | 29   |
| 2. <i>Lepus europaeus</i> Pallas . . . . .           | 30   |
| 3. <i>Castor fiber</i> L. . . . .                    | 31   |
| 4. <i>Canis familiaris</i> L. . . . .                | 32   |
| 5. <i>Vulpes vulpes</i> L. . . . .                   | 51   |
| 6. <i>Ursus arctos</i> L. . . . .                    | 51   |

|                                                                                                          | PAGE |
|----------------------------------------------------------------------------------------------------------|------|
| 7. <i>Putorius putorius</i> (L.) . . . . .                                                               | 51   |
| 8. <i>Lutra lutra</i> (L.) . . . . .                                                                     | 55   |
| 9. <i>Martes martes</i> (L.) . . . . .                                                                   | 55   |
| 10, 11. <i>Felis silvestris</i> Schreber, <i>Felis catus</i> L. . . . .                                  | 56   |
| 12. <i>Phoca vitulina</i> (L.) . . . . .                                                                 | 57   |
| 13. <i>Halichoerus grypus</i> (Fabricus) . . . . .                                                       | 57   |
| 14. <i>Equus caballus</i> L. . . . .                                                                     | 60   |
| 15, 16. <i>Sus domesticus</i> L., <i>Sus scrofa</i> L. . . . .                                           | 61   |
| 17. <i>Cervus elaphus</i> L. . . . .                                                                     | 73   |
| 18. <i>Capreolus capreolus</i> (L.) . . . . .                                                            | 75   |
| 19. <i>Alces alces</i> L. . . . .                                                                        | 76   |
| 20. <i>Capra hircus</i> L. and <i>Ovis aries</i> L. . . . .                                              | 76   |
| 21. <i>Bos taurus</i> L. . . . .                                                                         | 102  |
| 22. <i>Tursiops truncatus</i> (Montague) . . . . .                                                       | 139  |
| 23. <i>Phocoena phocoena</i> (L.) . . . . .                                                              | 139  |
| 24. <i>Cetacea</i> . . . . .                                                                             | 140  |
| <i>b. Aves</i> . . . . .                                                                                 | 141  |
| 1. <i>Gavia stellata</i> (Pontoppidan) . . . . .                                                         | 141  |
| 2. <i>Pterodroma</i> sp. . . . .                                                                         | 141  |
| 3. <i>Phalacrocorax carbo</i> (L.) . . . . .                                                             | 141  |
| 4. <i>Pelecanus crispus</i> Bruch . . . . .                                                              | 146  |
| 5. <i>Ardea cinerea</i> L. . . . .                                                                       | 149  |
| 6. <i>Egretta alba</i> (L.) . . . . .                                                                    | 149  |
| 7. <i>Botaurus stellaris</i> (L.) . . . . .                                                              | 149  |
| 8. <i>Platalea leucorodia</i> L. . . . .                                                                 | 152  |
| 9, 10. <i>Anas platyrhynchos</i> L., <i>Anas platyrhynchos domesticus</i> L. . . . .                     | 152  |
| 11. <i>Anas crecca</i> L. . . . .                                                                        | 154  |
| 12. <i>Anas querquedula</i> L. . . . .                                                                   | 154  |
| 13. <i>Anas strepera</i> L. or <i>Anas clypeata</i> L. . . . .                                           | 154  |
| 14. <i>Anas clypeata</i> L. . . . .                                                                      | 157  |
| 15. <i>Mergus merganser</i> L. . . . .                                                                   | 157  |
| 16. <i>Tadorna tadorna</i> (L.) . . . . .                                                                | 157  |
| 17, 18. <i>Anser anser</i> (L.), <i>Anser anser domesticus</i> (L.) . . . . .                            | 157  |
| 19. <i>Anser albifrons</i> (Scopoli), <i>Anser</i> cf. <i>fabalis brachyrhynchus</i> (Baillin) . . . . . | 161  |
| 20. <i>Anser</i> sp., <i>Branta</i> sp. . . . .                                                          | 161  |
| 21. <i>Branta</i> sp. . . . .                                                                            | 161  |
| 22. <i>Branta bernicla</i> (L.) . . . . .                                                                | 168  |
| 23. <i>Branta leucopsis</i> (Bechstein) . . . . .                                                        | 168  |

|                                                                                                  | PAGE |
|--------------------------------------------------------------------------------------------------|------|
| 24. <i>Cygnus olor</i> (Gmelin)                                                                  | 168  |
| 25. <i>Cygnus olor</i> (Gmelin) or <i>Cygnus cygnus</i> (L.)                                     | 168  |
| 26. <i>Buteo buteo</i> (L.)                                                                      | 171  |
| 27. <i>Haliaeetus albicilla</i> (L.)                                                             | 171  |
| 28. <i>Gallus gallus domesticus</i> L.                                                           | 171  |
| 29. <i>Grus grus</i> (L.)                                                                        | 180  |
| 30. <i>Fulica atra</i> L.                                                                        | 180  |
| 31. <i>Columba livia domesticus</i> Gmelin                                                       | 183  |
| 32. <i>Columba palumbus</i> (L.)                                                                 | 183  |
| 33. <i>Corvus cf. corone</i> L.                                                                  | 183  |
| 34. <i>Corvus monedula</i> L.                                                                    | 183  |
| <i>c. Pisces</i>                                                                                 | 185  |
| 1. <i>Acipenser sturio</i> L.                                                                    | 185  |
| 2. <i>Esox lucius</i> L.                                                                         | 185  |
| <i>d. Mollusca</i>                                                                               | 185  |
| 1. <i>Mytilus edulis</i> L.                                                                      | 185  |
| 2. <i>Cardium edule</i> L.                                                                       | 186  |
| 3. <i>Ostrea edulis</i> L.                                                                       | 186  |
| 4. <i>Spisula subtruncata</i> (Da Costa)                                                         | 186  |
| 5. <i>Buccinum undatum</i> L.                                                                    | 186  |
| 6. <i>Littorina littorea</i> (L.)                                                                | 186  |
| 7. <i>Unio pictorum</i> (L.)                                                                     | 186  |
| 8. <i>Unio</i> sp.                                                                               | 187  |
| 9. <i>Succinea cf. elegans</i> Risso                                                             | 187  |
| <i>e. Cephalopoda</i>                                                                            | 187  |
| <i>Sepia officinalis</i> L.                                                                      | 187  |
| IV. The spread and consolidation of stock-breeding in Neolithic and Eneolithic Europe            | 188  |
| V. Chronological and ecological survey of the faunal assemblages                                 | 203  |
| Summary in Dutch                                                                                 | 207  |
| Summary in Russian                                                                               | 211  |
| List of the described or discussed animal species with an English, Russian and Dutch translation | 216  |
| Plates                                                                                           | 218  |
| Literature                                                                                       | 240  |

## LIST OF PLATES

- I. *a.* *Oryctolagus cuniculus*: tibia (U).  
*b.* *Lutra lutra*: maxilla and mandibula (A).
- II. *a.* *Canis familiaris*: scapula (2 ×), femur (3 ×) and tibia (A).  
*b.* *Canis familiaris*: humerus (2 ×) (A).
- III. *a.* *Putorius putorius*: mandibula (2 ×) (A).  
*b.* *Ursus arctos*: skull (A).
- IV. *a.* *Putorius putorius*: skull G 19<sup>d</sup> (A).  
*b.* *Putorius putorius*: skull F 18<sup>c</sup> (A).  
*c.* *Putorius cf. putorius*: skull F 17<sup>a</sup> (1) (A).  
*d.* *Putorius putorius*: skull G 21<sup>a</sup> (A).
- V. *a.* *Martes martes*: maxilla, mandibula (2 ×) (B).  
*b.* *Martes martes*: skull (2 ×), mandibula (2 ×), scapula, femur (A).
- VI. *a, b.* *Felis silvestris*: mandibula (A).
- VII. *a.* *Felis silvestris*: scapula, humerus (4 ×), radius (2 ×), ulna (2 ×) (A).  
*b.* *Felis catus*: scapula, humerus, tibia, fibula, vertebrae (U).
- VIII. *Halichoerus grypus*: skull, humerus, pelvis (A).
- IX. *a.* *Equus caballus*: metapodia (O).  
*b.* *Equus caballus*: radius (D).
- X. *a.* *Sus domesticus*: maxilla fragments (F).  
*b.* *Sus scrofa*: skull (2 ×), mandibula (O).
- XI. *a.* *Sus domesticus*: skull, maxilla (2 ×), mandibula (U).  
*b.* *Sus domesticus*: mandibulae, one of a 1 month old pig, two with M<sub>3</sub> erupting (U).
- XII. *Sus scrofa*: mandibula, ♀ and ♂ (A).
- XIII. *Cervus elaphus*: antler (U).
- XIV. *a.* *Cervus elaphus*: mandibulae (A).  
*b.* *Cervus elaphus*: mandibulae, two showing deformations round the alveoli (A).
- XV. *Alces alces*: mandibula (O).
- XVI. *a.* *Capra/Ovis*: mandibulae and loose teeth (A).  
*b.* *Capra/Ovis*: mandibulae (F).
- XVII. *Capra/Ovis*: mandibulae with teeth at different stages of eruption (U).
- XVIII. *a.* *Bos taurus*: mandibulae with teeth at different stages of eruption (A).  
*b.* *Bos taurus*: mandibulae, with a set permanent teeth (A).
- XIX. *a.* *Bos taurus*: skull fragment (G).  
*b.* *Bos taurus*: fractured humerus (G).
- XX. *a.* *Bos taurus*: metacarpal bones (O).  
*b.* *Bos taurus*: metatarsal bones (O).
- XXI. *a.* *Phocoena phocoena*: vertebra (O).  
*b.* *Cetacea*: bone fragments (O).
- XXII. *a.* *Gavia stellata*: metacarpus (B).  
*b.* *Acipenser sturio*: bony plates (O).  
*c.* *Mollusca*: oyster, whelk, unio,  
and *Cephalopoda*: inner skeleton fragments (O).

## LIST OF FIGURES

1. *Canis familiaris* – skull: A/G 18<sup>a</sup>, *b*. 2 : 3
2. *Canis familiaris* – skull: A/G 17<sup>c</sup>. 2 : 3
3. *Canis familiaris* – skull: *a*, *b*, *c*, F/3 + 10; *d*, F/15. 2 : 3
4. *Canis familiaris* – skull: *a*, *b*, O/805; *c*, O/751. 2 : 3
5. *Canis familiaris* – skull: O/1409. 2 : 3
6. *Canis familiaris* – skull: O/2503. 2 : 3
7. *Canis familiaris* – skull: O/3146. 2 : 3
8. *Canis familiaris* – skull: O/3394. 2 : 3
9. *Canis familiaris* – skull: O/2329. 2 : 3
10. *Canis familiaris* – skull: O/145. 2 : 3
11. *Canis familiaris* – skull: O/1620. 2 : 3
12. *Canis familiaris* – skull: O/2501. 2 : 3
13. *Canis familiaris* – skull: O/821. 2 : 3
14. *Canis familiaris* – skull: O/61. 2 : 3
15. *Canis familiaris* – mandibula: *a* K/13; *b*, O/751; *c*, O/3508; *d*, O/2503; *e*, O/3297. 2 : 3
16. *Canis familiaris* – mandibula: *a*, O/3297; *b*, O/2510; *c*, O/821. 2 : 3
17. *Putorius putorius* – skull: *a*, A/F 18<sup>a</sup>; *c*, A/G 19<sup>d</sup>; *d*, A/F 17<sup>a</sup> (1).  
*Putorius cf. putorius* – skull: *b*, A/F 17<sup>a</sup> (2). 1 : 1
18. *Putorius putorius* – skull: A/G 21<sup>a</sup>. 1 : 1
- 19, 20. *Equus caballus* – skull of a foal: O/3422. 1 : 2
21. *Capra hircus* – skull: *a*, A/?; horn-cores: *b*, A/?; *c*, B/15. 2 : 3
22. *Capra hircus* – skull, maxilla and mandibula of the same individual: O/?. 2 : 3
23. *Capra hircus* – horn-cores: *a*, O/1468; *b*, O/1628. 2 : 3
24. *Capra hircus* – skull fragment with horn-cores: R/292. 2 : 3
25. *Capra hircus* – horn-cores: *a*, O/384; *b*, O/3708; *c*, O/2968; *d*, O/2101. 2 : 3
26. *Capra hircus* – skull fragments: *a*, O/1347; *b*, O/1594. 2 : 3
27. *Ovis aries* – horn-cores: *a*, F/18; *b*, F/10; *c*, O/1672; *d*, O/3126. 2 : 3
28. *Ovis aries* – horn-cores: *a*, O/1469; *b*, O/1469; *c*, O/1146. 2 : 3
29. *Ovis aries* – horn-cores: *a*, O/1088; *c*, O/586; skull fragments: *b*, O/1469. 2 : 3
30. *Ovis aries* – skull fragments: *a*, O/3293; *b*, O/1160; *c*, O/2161; *d*, O/?. 2 : 3
31. *Ovis aries* – skull fragments: *a*, O/1469; *b*, O/2412; horn-cores: *c*, R/239; *d*, R/344. 2 : 3
32. *Ovis aries* – skull fragments: *a*, U/211; *b*, U/217; *c*, U/112; *d*, U/216. 2 : 3
33. *Ovis aries* – horn-cores: *a*, O/335; *b*, O/1417. 2 : 3
34. *Ovis aries* – skull: O/1704. 2 : 3
35. *Ovis aries* – skull: R/343. 2 : 3
36. *Capra/Ovis* – skull: *a*, V/126; mandibula: *b*, F/8; *c*, U/220; *d*, V/126. 2 : 3
37. *Capra/Ovis* – metapodia, cleft in the medieval way: V/123 (3 ×). 1 : 1
38. *Bos taurus* – horn-cores: *a*, A/F 18<sup>d</sup>; *b*, A/2 E 2 D; *c*, A/P 7; *d*, A/VWX. 1 : 2
39. *Bos taurus* – horn-cores: *a*, A/H 19<sup>d</sup>; *b*, A/H 19<sup>d</sup>; *c*, A/G 21<sup>d</sup>. 1 : 2
40. *Bos taurus* – horn-cores: *a*, C/E 5<sup>e</sup>-11; *b*, F/10; *c*, F/10; *d*, H/175; *e*, H/175. 1 : 2
41. *Bos taurus* – horn-cores: *a*, K/1; *b*, K/17; *c*, K/15; *d*, K/12; *e*, M/?; *f*, M/219; *g*, N/29;  
*h*, N/108. 1 : 2
42. *Bos taurus* – horn-cores: *a*, O/1006; *b*, O/?. 1 : 2
43. *Bos taurus* – skull fragment with horn-cores: O/4891. 1 : 2

44. *Bos taurus* – skull fragment with horn-cores: O/4980. 1 : 2
45. *Bos taurus* – skull fragment with horn-cores: O/4791. 1 : 2
46. *Bos taurus* – skull fragment with horn-cores: O/4891. 1 : 2
47. *Bos taurus* – skull fragment with horn-cores: O/1669. 1 : 2
48. *Bos taurus* – skull fragment with horn-cores: O/4085. 1 : 2
49. *Bos taurus* – skull fragment with horn-cores: *a*, O/3911; *b*, R/293. 1 : 2
50. *Bos taurus* – horn-cores: *a*, R/251; *b*, R/251; *c*, S/352; *d*, S/378; *e*, S/367; *f*, R/297. 1 : 2
51. *Bos taurus* – horn-cores: *a*, R/231; *b*, R/231; *c*, R/231; *d*, R/289; *e*, R/276. 1 : 2
52. *Bos taurus* – skull fragment with horn-cores: *a*, S/378; horn-cores: *b*, T/226; *c*, T/226; *d*, S/380; *e*, T/257. 1 : 2
53. *Bos taurus* – horn-cores: *a*, T/343; *b*, T/257; *c*, V/54; *d*, V/54; *e*, V/54; *f*, V/118; *g*, V/54. 1 : 2
54. *Bos taurus* – horn-cores: *a*, V/?; *b*, V/82; *c*, V/67; *d*, V/83. 1 : 2
- 55, 56. *Bos taurus* – skull: O/. 1 : 2
57. *Bos taurus* – metacarpal and-tarsal bones, cleft in the medieval way: *a*, V/93; *b*, V/120. 1 : 2
58. *Aves*: *a*, sternum; *b*, furcula; *c*, coracoid; *d*, scapula; *e*, humerus; *f*, metacarpus; *g*, tibio-tarsus.
59. *Gavia stellata* – tibio-tarsus: A/H 21<sup>a</sup>. 1 : 1
60. *Pterodroma* sp. – ulna: *a*, O/3596; *Phalacrocorax carbo* – coracoid: *b*, A/2284. 1 : 1
61. *Pelecanus crispus* – humerus: *a*, A/G 23<sup>b</sup>; *b*, A/G 19<sup>b</sup>; ulna: *c*, A/G 18<sup>b</sup>. 2 : 3
62. *Ardea cinerea* – skull fragment: *a*, O/1297; *b*, *c*, U/2, 3. 1 : 1
63. *Ardea cinerea* – scapula: *a*, A/F 18<sup>e</sup>; tibio-tarsus: *b*, O/1493. 1 : 1
64. *Egretta alba* – tarso-metatarsus: *a*, U/118; *Botaurus stellaris* – coracoid: *b*, A/O 8; *Platalea leucorodia* – ulna: *c*, U/126. 1 : 1
65. *Anas platyrhynchos* and/or *Anas platyrhynchos domesticus* – coracoid: *a*, A/P 8; scapula: *b*, V/32; humerus: *c*, O/6185; radius: *d*, V/118. 1 : 1
66. *Anas platyrhynchos* and/or *Anas platyrhynchos domesticus* – ulna: *a*, V/126; metacarpus: *b*, U/201; femur: *c*, O/4237; sternum: *d*, A/E 17; tibiotarsus: *e*, V/121. 1 : 1
67. *Anas crecca* – sternum: *a*, V/76; humerus: *b*, A/H 18; radius: *c*, V/86; ulna: *d*, V/30; tibio-tarsus: *e*, V/82; *Mergus merganser* – coracoid: *f*, A/P 7; *Anas querquedula* – humerus: *g*, V/126. 1 : 1
68. *Tadorna tadorna* – coracoid: *a*, A/H 19<sup>b</sup>; *Anas* cf. *clypeata* – humerus: *b*, V/74; ulna: *c*, V/118. 1 : 1
69. *Anser anser* and/or *Anser anser domesticus* – scapula: *a*, O/409; sternum: *b*, O/1470. 1 : 1
70. *Anser anser* and/or *Anser anser domesticus* – mandibula: *a*, V/118; furcula: *b*, O/377; rib: *c*, V/68. 1 : 1
71. *Anser anser* and/or *Anser anser domesticus* – humerus: O/248. 1 : 1
72. *Anser anser* and/or *Anser anser domesticus* – humerus: *a*, O/2663; ulna: *b*, O/1012. 1 : 1
73. *Anser anser* and/or *Anser anser domesticus* – radius: *a*, V/113; *b*, V/92; metacarpus: *c*, R/281; pelvis: *d*, O/?. 1 : 1
74. *Anser anser* and/or *Anser anser domesticus* – femur: *a*, O/870; tibio-tarsus: *b*, O/586; tarso-metatarsus: *c*, V/85. 1 : 1
75. *Branta bernicla* – radius: *a*, O/?; ulna: *b*, O/4237; metacarpus: *c*, O/4237; *Anser albifrons* – coracoid: *d*, O/4237; *Anser* cf. *fabalis brachyrhynchos* – metacarpus: *e*, V/93. 1 : 1

76. *Branta leucopsis* – humerus: *a*, O/1187; scapula: *b*, O/4237; metacarpus: *c*, O/2989; tibio-tarsus: *d*, O/4520. 1 : 1
77. *Cygnus cygnus/olor* – humerus: *a*, A/N 9; *b*, A/M 7. 1 : 1
78. *Cygnus olor* – coracoid: *a*, V/133; femur: *b*, V/126; phalanx II: *c*, V/133. 1 : 1
79. *Buteo buteo* – tibio-tarsus: *a*, V/152; *Haliaeetus albicilla* – radius: *b*, O/4891; ulna: *c*, O/1891. 1 : 1
80. *Haliaeetus albicilla* – humerus: *a*, A/G 18<sup>d</sup>; *b*, O/4507; *c*, O/4891. 2 : 3
81. *Haliaeetus albicilla* – radius: *a*, O/4891; ulna: *b*, O/1891. 2 : 2
82. *Gallus gallus* – skull: *a*, O/1240; coracoid: *b*, O/2807; scapula: *c*, O/2807; humerus: *d*, O/2807; ulna: *e*, O/2807; radius: *f*, O/2807; metacarpus: *g*, O/2807. 1 : 1
83. *Gallus gallus* – sternum: O/2807. 1 : 1
84. *Gallus gallus* – pelvis: *a*, O/2807; femur: *b*, O/2807; tarso-metatarsus: *c*, O/2807. 1 : 1
85. *Gallus gallus* – tibio-tarsus: *a*, O/2807; humerus: *b*, V/92; tarso-metatarsus: *c*, V/82; femur: *d*, V/85. 1 : 1
86. *Grus grus* – coracoid: *a*, A/F 19<sup>b</sup>; humerus: *b*, O/1226. 1 : 1
87. *Grus grus* – pelvis: *a*, A/N 8; tibio-tarsus: *b*, O/3999. 1 : 1
88. *Fulica atra* – humerus: *a*, A/09; ulna: *b*, A/F 15; *Columba livia dom.* – humerus: *c*, V/434; *Columba palumbus* – sternum: *d*, V/118. 1 : 1
89. *Corvus cf. corone* – scapula: *a*, A/F 18<sup>c</sup>; humerus: *b*, A/G 21<sup>c</sup>; ulna: *c*, A/O7; sternum: *d*, O/2603. 1 : 1

## LIST OF DIAGRAMS

- i. The percentages of the six most important domesticated animals, cattle, sheep and goat, pig, dog and horse are given, calculated for the number of bones and the estimated minimum number of individuals, as well as the percentage of the domesticated animals and wild animals, the cetacea excluded (Tables 40, 41)

Beaver.

- ii. Mandibula, length of the teeth row.
- iii. Humerus, distal width.
- iv. Humerus, width of the lower articular surface.
- v. Radius, proximal width.
- vi. Ulna, width of the articular surface.
- vii. Pelvis, length of the acetabulum.
- viii. Femur, minimum width of the diaphysis.
- ix. Tibia, distal width.

Domestic pig and wild boar.

- x. The age at which pigs were slaughtered and wild boars caught.
- xi. Maxilla, length of the molar row.
- xii.  $M^3$ , length.
- xiii. Mandibula, length of the symphysis.
- xiv.  $M_3$ , length.
- xv. Mandibula, length of the symphysis plotted vs. the length of  $M_3$ .
- xvi. Mandibula, depth of the horizontal ramus beneath  $M_3$  plotted vs. the length of  $M_3$ .
- xvii. Scapula, minimum length of the neck.
- xviii. Humerus, distal width.
- xix. Radius, proximal width.
- xx. Ulna, width of the articular surface.
- xxi. Pelvis, length of the acetabulum.
- xxii. Femur, proximal width.
- xxiii. Femur, distal width.
- xxiv. Tibia, distal width.

Red deer.

- xxv. Maxilla, length molar row.
- xxvi. Mandibula, length  $M_3$ .
- xxvii. Humerus, width of the lower articular surface.
- xxviii. Radius, proximal width.
- xxix. Tibia, distal width.
- xxx. Astragalus, lateral length.

Sheep and goat.

- xxxi. The age at which sheep and goat were slaughtered.
- xxxii.  $M_3$ , length.



- xxxiii. Scapula, length of the neck plotted vs.  
the index:  $\frac{\text{scapulae to the fovea articularis distance of the base of the spina}}{\text{minimum length of the neck}}.$
- xxxiv. Humerus, distal width.
- xxxv. Radius, proximal width.
- xxxvi. Metacarpus, maximum length plotted vs.  
the index:  $\frac{\text{proximal width} \times 100}{\text{maximum length}}.$
- xxxvii. Metacarpus, maximum length plotted vs.  
the index:  $\frac{\text{distal width} \times 100}{\text{maximum length}}.$
- xxxviii. Metacarpus, maximum length plotted vs.  
the index:  $\frac{\text{minimum width of the diaphysis} \times 100}{\text{maximum length}}.$
- xxxix. Tibia, distal width.
- xl. Metatarsus, maximum length plotted vs.  
the index:  $\frac{\text{proximal width} \times 100}{\text{maximum length}}.$
- xli. Metatarsus, maximum length plotted vs.  
the index:  $\frac{\text{distal width} \times 100}{\text{maximum length}}.$
- xl. Metatarsus, maximum length plotted vs.  
the index:  $\frac{\text{minimum width of the diaphysis} \times 100}{\text{maximum length}}.$
- Cattle.
- xl. The age at which cattle were slaughtered.
- xl. Horn-cores, circumference at the base.
- xl. Horncores, circumference at the base plotted vs.  
the index:  $\frac{\text{minimum diameter} \times 100}{\text{maximum diameter}}.$
- xl. M<sub>3</sub>, length.
- xl. Scapula, minimum length of the neck.
- xl. Humerus, width of the trochlea (lower articular surface).
- xl. Metacarpus, maximum length and calculated height at the withers.
- l. Metacarpus, proximal width.
- li. Metacarpus, distal width.
- li. Metacarpus, maximum length plotted vs.  
the index:  $\frac{\text{proximal width} \times 100}{\text{length}}.$
- li. Metacarpus, maximum length plotted vs.  
the index:  $\frac{\text{minimum width of the diaphysis} \times 100}{\text{length}}.$

- LIV. Tibia, distal width.  
 LV. Metatarsus, maximum length and the calculated height at the withers.  
 LVI. Metatarsus, proximal width.  
 LVII. Metatarsus, distal width.  
 LVIII. Metarsus, maximum length plotted vs.  
     the index:  $\frac{\text{proximal width} \times 100}{\text{length}}$ .  
 LIX. Metatarsus, maximum length plotted vs.  
     the index:  $\frac{\text{minimum width of the diaphysis} \times 100}{\text{length}}$ .  
 LX. Astragalus, lateral length.  
 LXI. The number of bones of the mammals found at each site.  
 LXII. The number of bones of the birds found at each site.  
 LXIII. Number of bones and percentages of totals of domesticated and wild animals for Neolithic and Eneolithic sites in Europe. The same for the five most important domesticated animals (cattle, sheep, goat, pig and dog) taken together, and for the wild animals (aurochs, red deer, wild boar and other wild animals) taken together.  
 LXIV– The percentages of the five most important domesticated animals (cattle, sheep,  
 LXXI. goat, pig and dog) when the sum of the bones has been put at 100, and the percentages of aurochs, red deer, wild boar and other species when their sum has been put at 100, in Greece, Roumania, U.S.S.R., Hungary, Bohemia & Slovakia, Switzerland, Central Germany, Northwestern Germany, England and Denmark.

## LIST OF MAPS

- I. Environments of deposition in the coastal area in Early-Subboreal time (5000 years B.P. – 4500 B.P.) Eneolithic. A. Vlaardingen, C. Zandwerven. (L.J. Pons et. al. – Encl. 5).
- II. Environments of deposition in the coastal area in Middle-Subboreal time (3900 years B.P.) Eneolithic. B. Hekelingen. (L.J. Pons et. al. – Encl. 6).
- III. Environments of deposition in the coastal area in Late-Subboreal and Early-Subatlantic time (3600 years B.P. – 2600 years B.P. in the north and 3600 years B.P. – 3200 years B.P. in the south-west). Bronze Age. D. Langeveld near Lisse, E. Vogelenzang, F. Zwaagdijk, G. Wervershoof, H. Oostwoud. (L.J. Pons et. al. – Encl. 7).
- IV. Environments of deposition in the coastal area in Early-Subatlantic time (2300 years B.P. – 2000 years B.P.), pre-Roman Iron Age and Roman Age. I. Alphen aan de Rijn, J. Hoogkarspel, K. Vlaardingen, L. Waterworks of Amsterdam, M. Vlaardingen, N. Spanjaardsberg, O. Valkenburg, P. Vlaardingen, Q. Velsen. (L.J. Pons et. al. – Encl. 8).
- V. Environments of deposition in the coastal area in Early-Subatlantic time (1700 years B.P. – 1250 years B.P.). Early and Late Middle Ages. R, S, T. Rijnsburg, U. Huis te Merwede, V. Amsterdam. (L.J. Pons et. al. – Encl. 9).