DESCRIPTION OF THE PLATES.

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**PLATE XXVII.**

**Odontograms.**

*Note.*—The diagrammatic figures termed "Odontograms" (see Proc. Roy. Soc. vol. xviii. p. 544, 1870) are intended to supply the place of tables of measurements of the teeth, and at the same time to exhibit graphically their proportional dimensions in each case. The figures also serve to indicate which of the teeth of the typical series are absent or present. They are to be read thus:—

The squares in each transverse series contain the odontogram of the upper or lower (molar) dentition, or, in the case of the smaller animals, both, in which case the maxillary is marked *a*, and the mandibular *b*; and on the left-hand margin the name of the tooth with which each horizontal line throughout the series corresponds, is indicated. In the figures themselves each dark horizontal line corresponds with a single tooth, whose antero-posterior diameter, or length, is shown by the light shade, and transverse diameter or thickness by the dark shade. As the paper upon which the figures are laid down is divided into 20ths of an inch (0\(\times\)05, =0\(\times\)00126 metre), the dimensions of the teeth can be read off at once.

Fig. 1. Maxillary molar dentition of *Hyæna spelaea*.
Fig. 2. Maxillary molar dentition of *H. crocuta* (Gibraltar).
Fig. 3. Maxillary molar dentition of *H. crocuta*.
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Fig. 9. Maxillary dentition of *U. letourneuxianus*.
Fig. 9*a*. Mandibular dentition of *U. faïdherbianus*. 
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Fig. 11. Maxillary and mandibular dentition of *Felis pardina* (Gibraltar).

Fig. 12. Maxillary and mandibular dentition of *F. pardina* (R.C.S.).

Fig. 13. Maxillary and mandibular dentition of *F. lynx* (R.C.S.).

Fig. 14. Mandibular dentition of *F. bubastes*, from Blainville's figure.

Fig. 15. Mandibular dentition of *F. caligata* (Gibraltar).

Fig. 16. Mandibular dentition of *F. maniculata fera*, from Blainville's figure.

Fig. 17. Maxillary and mandibular dentition of *F. (Chaus) caffra*, Gray.

Fig. 18. Mandibular dentition of *F. chaus*, from Blainville's figure (mummy).

Fig. 19. Mandibular dentition of *F. serval*, from Blainville's figure.

Fig. 20. Mandibular dentition of *F. domestica*.

Fig. 21. Maxillary and mandibular dentition of *F. pardus* (Gibraltar).

Fig. 22. Maxillary and mandibular dentition of *F. pardus* (R.C.S.).

Fig. 23. Maxillary and mandibular dentition of *F. antiqua*, from Gervais's figure.

Fig. 24. Mandibular dentition (mean) of *Cervus elaphus* (Gibraltar).

Fig. 25. Mandibular dentition (mean) of *C. elaphus* (Thames valley).

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Figs. 27 a, b. Maxillary and mandibular dentition of *C. hispanica* (Gibraltar, A).

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Fig. 32. Mandibular dentition of common Pig.

Fig. 33. Mandibular dentition of *Cervus dama* (Gibraltar).

Fig. 34. Mandibular dentition of *C. dama* (R.C.S.).

Fig. 35. Mandibular dentition of *C. elaphus* (Scotland).

Fig. 36. Mandibular dentition of *C. elaphus? minor* (Thames valley).
RHINOCEROS HEMITŒCHUS
CERVUS BARBARUS