AGE OF THE DOMESTIC ANIMALS. BEING A COMPLETE TREATISE ON THE DENTITION OF THE HORSE, OX, SHEEP, HOG, AND DOG, AND ON THE VARIOUS OTHER MEANS OF DETERMINING THE AGE OF THESE ANIMALS Published @ 2017 Trieste Publishing Pty Ltd

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RUSH SHIPPEN HUIDEKOPER

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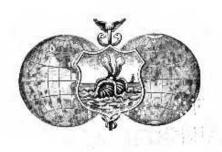
RUSH SHIPPEN HUIDEKOPER, M.D.,

VETERINARIAN (ALPGRIT, FRANCE), PROPESSOR OF ANNUARY WERE INCAME AND VETERINARY JURISPENDENCE, AMERICAN VITTER NAME FOR ANNUAL GUARD OF PENNANTANA AND TOTAL COLLEGE OF PRINCIPANA PRINCIPAL RELIGIONAL GUARDS OF PRINCIPANA PRINCIPAL RELIGIONAL VETERINARY SURGEONS,

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TO THE MEMORY OF

ARMAND GOUBAUX,

LATE DIRECTOR OF THE VETERINARY SCHOOL AT ALFORT,

430 70

GUSTAVE BARRIER,

PROPESSOR OF ANATOMY AND EXTERIOR AT THE VETERINARY SCHOOL AT ALPORT,

THIS WORK IS RESPECTFULLY DEDICATED.

IN RECOGNITION OF THEM SCHENTIFIC TRACILINGS, FROM WHICH I HAVE LARGELY PROFITED AND DRAWN, AND IN SINGREE APPRECIATION OF THE MANY COURTESIES I RECEIVED FROM THEM WHEN A STUDENT AT ALFORT.

THE AUTHOR.

PREFACE.

As an owner of horses and dogs, and later as a student, practitioner, and teacher of veterinary medicine, the author has constantly regretted the poverty of practical books on the domestic animals, and has felt the want of accurate text-books on many of the ordinary subjects concerning them. Upon the age of the domestic animals there exist in English but incomplete and scattered writings; the best of them by writers of the first half of the century, which have only been supplemented in later years by short compends, or the publication of charts of variable merit, with but a small amount of descriptive matter.

The author has attempted to prepare such a book as he feels would have been of interest and service to himself in his association with animals as a layman, and would have aided his studies and appreciation of the anatomy of the teeth, deutition, and the means of determining the age. He hopes, also, that this work will furnish, to students and veterinarians, knowledge which will aid in surgical operations on the mouth.

In French, German, and Italian the literature upon this subject is much more complete, and the articles in these languages are much better illustrated; so that the author has drawn freely in quotations and translations from the list of writers found in the appended Bibliography, and has used many illustrations where he has not believed that new drawings would be an improvement upon the older ones. He wishes to recognize

vi Preface.

especially his indebtedness for many paragraphs which have been freely translated, and for a majority of the illustrations on the horse's age, from Goubaux and Barrier; for illustrations on the dog, from Girard; to text and the use of illustrations on the hog, from Dr. Olof Schwartzkopff; and the use of illustrations on the human mouth, from the White Dental Manufacturing Company, of Philadelphia.

RUSH S. HUIDEKOPER.

BROADWAY, COR. FIFTY-THIRD STREET, NEW YORK, October, 1891.



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