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Information Resources on Human-Animal Relationships



Past and Present

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Introduction

Ancient Times

The use of animals by humans goes back to dawn of human development. Certainly by the time *Homo sapiens* developed, there is evidence that humans were sophisticated in their use of animals for food, fiber, clothing, building materials, medicines, and host of other uses. During the Pleistocene era humans were accomplished hunters. It is most probable that the Aflight distance@ between human hunters and their potential prey in the pre-historic period was quite short, and humans were intimately associated with the activities and behavior of all the animals in the environment. Today we can see the evidence of such relationships in the European Paleolithic rock art that portrays the Ice Age mammals of Europe with such precision and empathy.

As mammals, we have been predators on humans, and humans have been predators on other mammals. We humans share

many diseases with our animal kin. In addition, we have placed our fellow mammals in useful categories, useless categories, sources of inspiration and beauty, miracles of life forces, etc. They have been deified in some cultures. There obviously existed a close association between the early hunter-gather societies and all other animals within their environment. They have been symbols for deities and bestowed with human characteristics. They have been parts of religious ceremonies. They have been used to predict the future, carry people and trade goods, etc. It is probably not incorrect to postulate that humans developed in concert with the animal life that surrounded them.

The first surge in human population occurred when the emerging humans learned to make tools and manipulate fire. Effective tools and fire were two important cultural advancements which enabled humans to survive in the pre-glacial conditions of northern Europe and America during the last glaciations. It was probably during this period in Europe that man first began to associate with some members of the local wolves. Perhaps they even cooperated while hunting. This association gradually led to the closer dependent relationship between some wolves and humans that in turn led to the domestication of tractable canines that included the purposeful breeding of individuals that eventually developed incredible variety of domesticated dogs that exist today.

About 10,000 years ago, man assumed the habit of living in more or less permanent settlements, and his relationships to the animal world began to undergo profound changes. At the same time, great climatic changes, and perhaps human activities, as well, had reduced many larger mammalian species, especially those used as food, to very small populations. Major extinction events began to occur. In response to dwindling and/or unreliable resources, human agricultural technology developed. Humans began to move from hunter/gather mode to a mode of actively domesticating plants and animals for food resources. The second great surge in human progress with its ensuing increase in population occurred when man learned how to cultivate plants and tame and domesticate animals at levels that allowed for the development of larger settlements. Human plant gathering activities had led to intimate knowledge of plant productivity cycles, and human hunters undoubtedly had often taken young canine animals into their camps as pets and companions. They would have become familiar with the animal growth and breeding cycles, diseases and behaviors of these young animals. The animals would have benefited from the availability of food and shelter. It seems safe to speculate that they would have bonded and grew to be hunting assistants to their human companions as they would have in the progenitor's pack. Other animals such as cattle and equines began to be managed in herds close to the human settlements. Eventually, oxen were developed for pulling heavy objects. The breeding of mules was understood in Roman times and they became an essential part of the Roman world. They were used for riding, by farmers for ploughing and for drawing carts, and by the army for carrying baggage. According to Richard W. Bulliet, in *AThe Camel and the Wheel*®, there seemed to be no mention of wheeled vehicles in medieval Islamic source material. However, we know from the Bible, if nowhere else, that chariots, and carts and wagons had existed in the Middle East in ancient times.

During the Roman period, approximately from the beginning of the Christian era up to A.D. 400, the Dutch Eastern River Area formed part of the far northern border region with the Roman Empire. Archeological remains in this area show us that animals were a vital part of the life and times of the people at that time. The research shows that farm animals eaten included: cattle, sheep, goats, pigs, domestic fowl, geese and pigeons. Wild animals included: aurochs, elk, red deer, roe deer, wild boar, and hare. Interestingly, although domesticated, the horse and dog do not seem to have been eaten. Fish remains that were found included: pike, rudd, orf or chub, perch, allis shad, or thwaite shad, eel, salmon, and catfish.

In the ancient world, humans believed in the close proximity of humans and animals, and that they were closely related. This pagan view was rejected by the early Christian thinkers who established definite differences between humans and animals. The influential 4th century church father Augustine was adamant about this separation. A characteristic behavioral difference assigned to animals repeatedly throughout the middle ages was their violence.

During the thousand years we consider the Middle Ages, from about A.D. 400 to about A.D. 1400; early thinkers shifted their view from the idea that humans were definitely different (Augustine's view) to the idea that humans have much in common with animals, noted by the 13th century chronicler, Gerald of Wales. On the other hand, Christian writers such as Albert the Great in the 13th century noted and cataloged many differences. Thomas Aquinas wrote of animal savagery and brutality. Animal savagery was seen as irrational and lacking in reason. This irrationality was the final and most important difference between animals and humans for the medieval thinkers, starting with Ambrose in the 4th century and moving through Augustine and Thomas Aquinas in the 13th century. By the 12th century, the early Christian idea of separation between humans and animals began breaking down. Some 12th century European thinkers discovered Anature® and the physical world as something worth studying. Also, in the 12th century, the animal stories that had been developed in the early classical Greek and Roman times became popular again. Metaphors used in the 12th century stories began to cause people to see the "animal" within themselves and probably led to changing the way people looked at themselves in their relationship to the animal world. Many of the boundaries between the human and animal world began to disappear or merge. Many of our

controversial animal rights issues come from this blurring of the boundaries between humans and animals. For example, if there is little difference, should we eat animals? If humans and animals share feelings in common, should we hunt and trap animals? Should we use animals in medical experiments when we would not use humans?

Animals as Symbols

Europeans have received in dreams, myths and folktales the qualities of horses, oxen, goats, pigs, hares, and most other animals, and have been enriched. According to E. L. Grant Watson, "The animal has existed in the human, and the human in the animal." And, he says, this inter-relationship still exists. Animal images have been projected into the heavens as Zodiacal signs, and humans and animals have grown close in the association between them caused by their use in agriculture and war.

For many situations, humans use symbols to express meaning. A symbol is defined as a concrete representation of a complex, abstract or invisible reality. Religion uses many animals as symbols as a way to convey invisible realities and give them meaning. For example, the image of the lamb is old and varied. It represents a living thing that is innocent, gentle, meek, pure, and humble. In the ancient Near East, the fish symbolized divine life. In museums, you see images of goddesses and gods shaped like fish. In the apocryphal story of Tobit, the angel Michael heals Tobit's blindness with a fish. Jewish legend said that at the end of time, the main course at the messianic banquet would be the leviathan, that is, the evil fish-monster cut up and served for supper. The early Christian church pictured Jesus both as a fish and a lamb. The Greek noun for a fish is an acronym for Jesus. Medieval Christian churches were filled with many fabricated animal images from the Bible and church history. The Bible also has a holy image of a chicken. In the Bible, in Luke (13:34) and Matthew (23:37), the hen is Jesus' choice to represent his great tenderness and love for the people of Jerusalem. Before Jesus' time, hens symbolized procreation and care for children. Baby chicks represented advent of spring and new life. In ancient Greece, the rooster was a symbol of the god Apollo, and his crowing was thought to be a salute to the sun. In Christian teaching, the rooster shows up before Jesus' death and resurrection, crowing three times when Peter denies Jesus. During Medieval times, roosters were symbols of resurrection. Later, roosters appeared in weather vanes on church steeples, representing Jesus as a mother hen, gathering and protecting his children together in faith. (Luke, 13:34).

Animal Diversity

Humans have always been interested and interconnected with animal life in their location. That curiosity regarding animals has been reflected through the ages from the descriptions that travelers have written. Often in addition to what the traveler sees, experiences and records about human cultural habits, landscapes, etc., the traveler often includes many passages and drawings of animals seen along the way. The animals may include descriptions of domesticated species, wild animals kept as pets, and wild animals seen in their natural habitats. You will find a number of old texts, listed in this document, that include physical descriptions, habits, behaviors, uses and habitats of the animals observed. Often the authors/travelers have obviously spent considerable time and energy illustrating travel logs with pictures of those animals described.

As the Europeans began to travel via sea voyages to far away places around the world, there were often naturalists included as members of the crew. Their job was to record and collect plants, insects, animal skins, etc. One such renowned naturalist who sailed on the HMS Beagle was Charles Darwin. As a result of his observations of natural life such as the divergence of birds and turtles of the individual islands comprising the Galapagos Islands, he proposed the theory of evolution.

Since there were animals at diverse locations that seemed to be similar (e.g. cat like animals—lions, tigers, puma, leopards), naturalists became aware that the use of local names for animals that were similar was confusing and did not identify organisms adequately. It became obvious that there needed to be a systematic approach to naming individual types. As more and more organisms were discovered and described, it became obvious that the taxonomic system would need to be in a universal language with universal rules that would give individual organisms a unique name but also show relationships to all the other organisms. Although there were systems proposed and developed by various naturalists, in the middle 1700's, the Swedish botanist Linnaeus developed the taxonomic classification system that seemed to meet the needs of naming a type specimen and showing its relationship to all other organisms. To this day, scientists still use the Linnaeus's very complicated set of rules for the naming and indicating the relationships for every plant, and animal organism known in the world today.

One way that humans have appreciated the diversity of animals and plants is by maintaining exotic species in "living collections." It is known from early writings, that exotic animals have been maintained by royalty and other wealthy individuals for many centuries. Expeditionary crews often returned with interesting animals, plants and insects that were exhibited in various ways. The modern zoo and botanical garden are the current versions of this long tradition. Sadly, due to the human destruction of so many natural places on the earth, such collections may now have an additional role—that of preserving remnant populations of animals and other organisms that have lost their habitats in the natural world.

Also, many non-living specimens were brought back by explorers in parts or were preserved in some fashion. Many of these preserved specimens formed the basis for natural history collections and museums where they serve as study collections or as educational experiences for the public. There are several famous natural history museums in Europe, the United States of America, Canada, etc. that are still important to our society today.

Animals as a Way to Understand Life Processes

The use of animals in the life sciences can also be traced back to the beginnings of Western medicine in ancient Greece and Rome, where vivisection was practiced according to Nicolaas Rupke. For example, the Hippocratic treatise "On the Heart" (ca. 300 B.C.) describes cutting the throat of a pig drinking to study the act of swallowing, and also cutting open the chest of a living animal to observe how the auricles and ventricles of the heart were beating alternately. The German historians Maehle and Trohler, in their study of animal experimentation through the eighteenth century, noted that it seemed obvious to these ancient physicians that knowledge of bodily functions could best be obtained by studying the interior of living organisms.

In the second century A.D., the Greek physician Galen, who practiced in Rome, significantly improved the techniques of dissecting live animals. Galen recognized that vivisection could be disturbing to the experimenter or the audience, and recommended the use of pigs and goats rather than apes to avoid seeing the Aunpleasant expression@ of the ape, and not to be discouraged by such factors as the amount of bleeding that might occur.

Animal experimentation seems to have played little role in the philosophy of the Middle Ages, but resurfaced in the works of the Renaissance anatomists. For example, Vesalius used living animals in his anatomical demonstrations at Padua and Bologna in Italy. He argued that vivisection was necessary because of its usefulness in acquiring knowledge, and the surgical practice that it provided.

Most animal experimentation in the 17th and 18th centuries did little to advance the understanding of structure, disease and physiology of the time. However, the study of toxicity began during this period. Some scientists such as those of John Jacob Wepfer and Felice Fontana did help to advance the science of pharmacology. It is interesting to note that Christian dogma offered no objection to animal experimentation through the ages. However, the subject of animal use and vivisection was a philosophical topic of discussion the 17th century. The philosopher Descartes offered the concept of the Abeast machine@. Descartes argued that both humans and animals could be compared with machines, yet he distinguished man from beasts because of man=s ability to speak, and because he possessed a rational, imperishable soul. He believed that animals were unable to feel real pain--they just went through the motions. Not everyone agreed however. Some who raised their voices against vivisection were literary figures of stature in their day, such as Joseph Addison, Alexander Pope, and Samuel Johnson. Johnson was concerned that cruelty to animals would foster cruelty to man, a view that many others have shared and continue to share in the 21st century. At the end of the eighteenth century, the English philosopher Jeremy Bentham said that man did not have the right to inflict pain on animals just because the animals lacked the faculties of reason and speech.

The science of vivisection continued to be practiced in the nineteenth and twentieth centuries. In the nineteenth century, Claude Bernard, one of the leading figures in the field, said that it was vivisection that raised the subject of physiology to the status of a true science because it brought speculations of physiologists under some form of experimental control.

It was not until the middle of the nineteenth century that Charles Darwin=s discovery of the principle of evolution upset the prevailing concepts of human superiority. Humans have depended on animals as an important source of food and other products, to be our pets in the home, our servants in the fields, and our prey during hunting season, and to be essential in furthering scientific, especially medical, knowledge through observation and experimentation.

As other biomedical sciences were established in the nineteenth century, such as bacteriology and immunology, biological products were developed based on these sciences, such as Louis Pasteur=s vaccine for rabies and Emil von Behring=s diphtheria antitoxin. These discoveries provided support for the claims of medical scientists that animal research would provide practical benefits to both animals and man.

Regulation of Animal Use by Laws

According to Leavitt and Halverson in *Animals and Their Legal Rights* p. 1, "America has the distinction of being the first country to acknowledge the rights of animals by enacting statutory legislation to protect them from cruel treatment." In 1641, the Puritans of Massachusetts Bay Colony voted to have printed in first legal code, "The Body of Liberties." There are 100 liberties listed. Liberty 92 is as follows: "No man shall exercise any Tirranny or Crueltie towards any brute Creature

which are usuallie kept for man's use." Liberty # 93 deals with animals in transit. It states that if someone is driving cattle to a far away place, that " it shall be lawful to rest or refresh them for a competent time in any open space that is not Corne, meadow or inclosed for some peculiar use." These liberties were to be considered to be law. For example, there is a case written in "Records of Quarterly Courts of Essex County, III, 305" where an individual was condemned for cruelty to an ox.

After the American Revolution, the first anti-cruelty state laws were passed by New York State. Section 26 deals with malicious treatment of cattle or sheep which is considered a misdemeanor. Gradually, the other States began to pass their own protective laws. The process was not complete until the early 1900s. By 1921 all 50 states, the District of Columbia and the Virgin Islands had anti-cruelty statutes in their laws.

Under the 1876 British Cruelty to Animals Act, anyone carrying out animal experiments had to obtain a license to do so. By the end of the nineteenth century, a number of pharmaceutical companies, here and abroad, were beginning to establish research laboratories of their own. Private industry thus began to join universities and government research institutes in research involving animals, and biomedical research expanded rapidly in the twentieth century. Before the twentieth century, the frog played a major role in the history of research in the life sciences. In the twentieth century, small laboratory animals, especially the rat and mouse, dogs, cats, hamsters and gerbils began to replace the frog in research experiments.

In the United States of America, the first law that related to the care of laboratory animals was passed in 1966—The Animal Welfare Act. The Animal Welfare Act of 1966 was passed to require humane treatment of animals in biomedical research and to protect dogs from being stolen for sale for research protocols. The regulatory authority for the Animal Welfare Act was placed in the U.S Department of Agriculture where it still resides today. The Act has been updated numerous times. It now provides for greater regulatory oversight, mandated approaches to how animals are housed, handled, treated, cared for and requires justification of their use in biomedical research protocols. The Act currently covers animals when they are used for toxicity testing, courses in higher education, in exhibits in zoos and circuses, and those marine mammals on exhibit in aquaria. For more information on the legislation, visit the following Web sites:

Questions and Answers about the Animal Welfare Act and Its Regulations for Biomedical Research Institutions

Animal Welfare Act

In the past few years, many countries in the world have slowly added animal welfare related laws to their federal statutes. There still are many countries that do not provide protections. However, globally there is a growing awareness and respect for the role animals that share the planet--their sensitivities, the remarkableness of their lives, and their unique abilities, are being appreciated. With such appreciation, come societal pressures to insure that animals are respected, cared for and properly treated.

Animal Health

Animals in the United States and other developed countries are now among the healthiest in the world. We can look back briefly to some additional positive historical acts that have led to the animal health conditions we enjoy today. In 1862, the U.S. Department of Agriculture (USDA) was established. In 1863, the American Veterinary Medical Association was formed. The first graduate Veterinary Medical School was established at Iowa State University in 1879. The Bureau of Animal Industry (BAI) was established within USDA in 1884. Congress created the Bureau in response to the petitions of frustrated farmers and ranchers whose livestock were so plagued with disease that overseas markets were refusing to buy from this country. Today the work of the original BAI is divided among several other USDA agencies, such as APHIS (Animal and Plant Health Inspection Service) and ARS (Agricultural Research Service).

Since 1884, many supportive private organizations have been established over the years and include organizations such as the U.S. Livestock Sanitary Association in 1897 (now the U.S. Animal Health Association), and many livestock and poultry associations around the country. Today, other sources of information include your State Cooperative Extension Service, and a variety of publications put out by the local State University and State Experiment Station. Feed suppliers, manufacturers of pharmaceuticals and veterinary products also publish information on the care of pets, livestock and poultry. Government, veterinarians, private associations, and animal owners all acting together has helped assure better health for all types of animals.

Our ideas about animals were not uniformly acquired, and they have not remained constant over time. During the Age of Reason, some anatomists who followed Descartes administered beatings to dogs and made fun of those who pitied the animals, insisting that animals could feel no pain. This 17th century attitude towards animals emphasized the differences

between humans and animals, as did the views of early Christian thinkers in the first centuries after the birth of Christ. Only in the late 18th and 19th centuries did we decide that humans and animals share feelings, and conclude that humans should be careful of the feelings of animals.

In Summary

Today our definition of animal is probably broader and certainly more biologically based. Animals are all things organic that are not plants. Although some may have reservations about this definition, most accept the idea that humans are animals, topping a Darwinian ladder that ranks everything from the smallest protozoa to the largest whale. As humans accept that people are animals, and we know more about the complexity of animals, we have a greater appreciation of how we share many of the same qualities and characteristics. Admittedly the media has changed, but today we carry on the long tradition of endowing animals with human characteristics. They are portrayed in cartoons, television and films in ways that are definitely human, endowed with human characteristics. We acknowledge in our treatment of animals that our kinship with them, is no longer so separate.

Although the ways we interact with animals in some ways has changed through the ages, in other ways, we interact with them in ways that the early humans did. We enjoy them; we hunt them; we keep them as pets; we depend on them for food, fiber and leather; we have fun with them; we use them as examples of behavior; and we just enjoy watching them; we are inspired by them; we use them to understand ourselves, etc. As humans, we should protect them; realize their value; appreciate them; ensure that they have places to live in the wild, etc. Last but not least, we should all silently thank them for all they contribute to our lives. They truly enrich and nourish our human experience.

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How To Use This Document

This bibliography lists some of the current, historical, and very early works on animals. Except where indicated in the reference section of the introduction, all items are part of the National Agricultural Library (NAL). Some of these selected rare historical works are available through the Special Collections section of the Library (NAL), and can often be identified by the capital R at the end of the call number. These may be used at NAL by appointment only. The other documents are in the general collection and available via inter-library loan.

The items are grouped first by the date of publication and then in alphabetical order by the first author.

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Heresbach, Conrad and Barnabe Googe. *Fovre Bookes of Husbandry Collected by M. Conradus Heresbachius: Conteyning the Whole Arte and Trade of Husbandry, vvith the Antiquitie, and Commendation thereof, Nevvley Englished, and Increased by Barnabe Googe.* London, [Great Britain]. Printed by R. Watkins, 1577. 193 leaves, [2] p., ill. Note: Text in form of dialogues.

NAL Call Number: 30.8 E42 R

Descriptors: animal husbandry, Middle English, Conrad Heresbach 1496-1576, Barnabe Googe 1540-1594.

Josselyn, John. *New-England=s Rarities Discovered: in Birds, Beasts, Fishes, Serpents, and Plants of that Country, Together with the Physical and Chyrurgical Remedies wherewith The Natives Constantly Use to Cure Their Distempers, Wounds, and Sores, also a Perfect Description of an Indian Squaw, in All Her Bravery, with a Poem not Improperly Conferr=d Upon Her, Lastly, a Chronological Table of the Most Remarkable Passage in that Country Amongst the English.* London, [Great Britain]. Printed for G. Widdowes, 1672. [2], 114 p., [1] leaf of

plates, ill. Note: NAL has 1865 imprint edition (NAL Call Number: 411 J79N). Includes lists of books printed by Giles Widdowes at end.

NAL Call Number: QH41.J67 R

Descriptors: New England rarities, birds, beasts, fishes, serpents, plans, Indian surgical remedies to cure distempers, wounds, and sores, Indian squaw described, Indian poem, chronological table of British travel.

Markham, Gervase. *Markhams Farwell to Husbandry or, The Inriching of all Sorts of Barren and Sterile Grounds in our Kingdome, to be as Fruitfull in all Manner of Graine, Pulse, and Grasse, as the Best Grounds whatsoever: Together with the Annoyances, and Preseruauon of all Graine and Seede, from one Yeare to many Yeares. As also a Husbandly Computation of Men and Cattels Dayly Labours, their Expences, Charges, and Vtermost Profits. Note: This Edition Newly Reuiewed, Cor., and Amended: Together with many New Additions, and Cheape Experiments.* London, [Great Britain]. Printed by M.F. for R. Jackskon, 1625. 4 p. 1., 160 p., ill.

NAL Call Number: 30 M34 R

Descriptors: agriculture, plants and animals, grain, pulse, grass, preservation of seeds, men and cattle, daily labor, expenses, illustrated work 1625 edition, Great Britain, Gervase Markham 1568(?) - 1637.

Palladius, Rutilius Taurus Aemilianus and Francesco Sansovino. *La villa di Palladio Rvtilio Tavro Emiliano, tradotta nvovamente pe Francesco Sansovino, nella qvale si contiene il modo di cultuiar la terra di mese in mese, di in inserir gli arbori, di gouernar gli horti, & i giardini, con la proprieta de frvtti, delle herbe, & degli animali, con molte altre cose utili a pro del contado.* [Rutulius Taurus Aemilianus Palladius and Francesco Sansovino. *The Farmhouse* by Rutulius Taurus Aemilianus Palladius, newly translated by Francesco Sansovino, in which work is contained the manner of the monthly cultivation of the soil, the introduction of the tree, the management of horticulture and gardens, along with the properties of the fruit, the herbs and the animals, with many other things useful for the farmer.] In Venetia, [Venice, Italy], [Appresso F. Sansovino], 1560. 4 p. 1., 88 numb. 1., [6] p. Note: In Italian. Publ. in Venice, Italy, colophon dated 1561.

NAL Call Number: 30.8 P17V

Descriptors: Palladio (ca. 64 A.D.), Rutilio Tauro Emiliano (Italian, ca. 64 A.D.), Francesco Sansovino 1521-1586, 1560 edition, medieval edition in Italian, agriculture early works to 1800, agriculture history, ancient agronomists.

Ray, John Londini. *Synopsis Methodica Animalium Quadrupedum et Serpentine Generis ... Auctore Joanne Raio.* [*Synopsis of Quadruped Animals and Serpents*]. [Eng.], impensis S. Smith & B. Walford Societatis regiae typographorum, 1693. 8 p., 336, [8] p. front. (port.). Note: *De Animalibus in Genere. Synopsis Animalium Quadrupedum. De lacteris. De serpente.*

NAL Call Number: 411 R212

Descriptors: quadruped animals, serpents, England, zoology, pre-Linnean works, John Ray 1627-1705.

Speed, Adolphus. *Adam out of Eden, or, An Abstract of Divers Excellent Experiments Touching the Advancement of Husbandry: Shewing, Among very many other Things, an Aproveement of Ground by Rabbiss [sic], from 200 l. Annual Rent, to 2000 l. Yearly Profit, all Charges Deducted by Ad. Speed.* London, [Great Britain]. Printed for H. Brome, at the Gun in Ivy-Lane, 1659. [7], 163 [i.e. 179], [3] p. Note: Pagination irregular: 179 erroneously numbered 163. Errors in paging: p. 24, 49 and 50 omitted with no loss of text, p. 33 repeated, p. 46, 74, 96, 97, 103, and 179 numbered, respectively, 48, 47, 97, 96, 87, and 163. Head and tail-pieces, initial. Marginal manuscript notes.

NAL Call Number: 30 Sp3 R

Descriptors: husbandry experiments, Adolphus Speed fl. 1652-1659.

Tusser, Thomas and H. (Henry) Denham. *Fiue Hundred Pointes of Good Husbandrie, as well for the Champion, or Open Countrie, as also for the Woodland, or Seuerall, Mixed Ineurie Month with Huswiferie, ouer and besides the Booke of Huswiferie, Corrected, Better Ordered, and Newly Augmented to a Fourth Part more, with Diuers Other Lessons, as a Diet for the Farmer, or the Properties of Winds, Planets, Hope, Herbes, Bees, and Approoued Remedies for Sheepe and Cattle, with many other Matters both Profitable and not Vnpleasant for the Reader: also a Table of Husbandrie at the Beginning of this Book: and Another of Huswiforie at the End: for the Better and Easier Finding of any Matter Contained in the Same. Newly set forth by Thomas Tusser.* London, [Great Britain]. Tusser, Thomas, and H. (Henry) Denham. 1580. [4] p., 2-89 numbered leaves, [2] p. Note: title within illustrated border. Printer's device at end. In verse. Other title: *Five Hundred Pointes of Good Husbandrie.*

NAL Call Number: 30.8 T87 1580

Descriptors: husbandry, housewifery, animal care and management, bees, sheep, cattle, disease remedies, Thomas Tusser 1524?-1580, Henry Denham fl. 1560-1589.

Vegetius Renuatus, Flavius and Johann Farber (ed.). *Artis veterinariae, sive mulomedicinae libri quatuor, jam primum typis in lucem aediti. Opus sane in rebus medicis minime aspernandum.* [Four Books on the Craft of Veterinary

Medicine, or More Accurately Medicine for Mules, now for the First Time Produced in Print. An Altogether Essential Work on Medical Issues]. Basileae, [Switzerland?]. [Joannes Faber Emmeus, 1528]. [8], 72 l. Note:

Edited by Johann Faber. Signatures: a-b4, A-S4.

NAL Call Number: 41 V52 R

Descriptors: veterinary works, ancient approaches to veterinary medicine, ancient agronomists, Johann Faber editor and translator d. 1542, Flavius Vegetius Renatus.

Worldidge, John, Thomas Dring and Charles Atweed Kofoid. *Systema agriculturae: the Mystery of Husbandry Discovered. Treating of Several New and most Advantageous Ways of Tilling, Planting, Sowing, Manuring, Ordering, Improving of All Sorts of Gardens, Orchards, Meadows, Pastures, Corn-Lands, Woods & Coppices. As also of Fruits, Corn, Grain, Pulse, New-Hays, Cattle, Fowl, Beasts, Bees, Silk-Worms, Fish, etc. with an Account of the Several Instruments and Engines Used in this Profession. To which is Added Kalendarium rusticum: or, The Husbandmans Monthly Directions. Also the Prognosticks of Dearth, Scarcity, Plenty, Sickness, Heat, Cold, Frost, Snow, etc. and Dictionarium rusticum: or, The Interpretation of Rustick Terms.* The 3rd edition, carefully cor. and amended. London, [Great Britain]. Printed for T. Dring, 1681. 134 (i.e. 334), [6] p., ill., plates. Note: added t.p., illustrated. *Kalendarium rusticum* and *Dictionarium rusticum* each has separate t.p. Paging irregular: p. 70 numbered 80, 73-82 omitted in numbering, 193 omitted, 194 repeated, 207 omitted, 209 repeated, 278 numbered 274, 298-299, 301-306 omitted, 311-312 numbered 305-306, 330 numbered 130, 332-333 numbered 322-323, 334 numbered 134.

NAL Call Number: 30 W89 Ed. 3 R

Descriptors: agriculture, tilling, planting, sowing, manuring, cattle, fowl, livestock, bees, silk worms, fish, illustrated work, Great Britain, Thomas Dring d. 1695, Charles Atwood Kofoid 1865-1947, John Worldidge fl. 1660-1698.

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1700-1799

Banks, Joseph and Jona Dryander. *Catalogus Bibliothecae Historico-Naturalis. [Catalogue of a Library of Natural History].* London, [Great Britain]: typis Gul. Bulmer et soc., 1798-1800. 5 v. Note: t. 1. Scriptores generales 1798, t. 2. Zoologi 1796, t. 3. Botanici 1797, t. 4. Mineralogi 1799, t. 5. Supplementum et index auctorum 1800. Note: supplement and author index.

NAL Call Number: 241.7 B223

Descriptors: natural history, 1798-1800, general writers, zoology, botany, mineralogy.

Bartram, John and Peter Kalm. *Observations on the Inhabitants, Cimate, Soil, Rivers, Productions, Animals, and other Matters worthy of Notice. Made by Mr. John Bartram, in his Travels from Pensilvania [sic] to Onondago, Oswego, and the Lake Ontario, in Canada, to which is Annex=d, a Curious Account of the Cataracts at Niagara, by Mr. Peter Kalm.* 1751. London. Printed for J. Whiston and B. White, 1751. [1] leaf, 94 p., fold plan. Note: Bartram and Lewis Evans accompanied Conrad Weiser on a mission from the government of Pennsylvania to the Iroquois, to settle a quarrel between the Indians and the colony of Virginia. Weiser=s journal is printed in the set known as Colonial records of Pennsylvania, 1851, v. 4, p. 600-669.

NAL Call Number: 125 B280

Descriptors: America explorers, United States and Canada, 1751 edition, animals, climate, soil, rivers, Conrad Weiser, Pennsylvania, Colonial records, Iroquois Indians and Virginia quarrel, 1851.

Becerra, Luciano Antonio. *Letter, 1763 Mar. 1, Becerra, Luciano Antonio to Don Miguel de Carabeo.* [s.l.: s.n.]. [3] p. Note: Holograph signed. Regards sale of sheep to addressee, sheep prices.

NAL Call Number: HD9436.B4 R

Descriptors: letter, domestic animals, sale of sheep, sheep prices.

Blome, Richard. *The Gentleman=s Recreations in Three Parts, 1709-1710.* The first part contains a short and easie introduction to all the liberal arts and sciences, etc. The second treats of horsemanship, hawking, hunting, fowling, fishing, agriculture, etc. Done from the most authentick authors, especially several lately printed at Paris, as may be seen in the preface, with great enlargements made by those well experienced in the respective recreations. The third is a complete body of all our forest, chace, and gamelaws, as they are at this time. The whole illustrated with near an hundred copper-cuts relating to the several subjects, particularly all sorts of nets, engines, traps, etc. are added for the taking of wild beasts, fowl, fish, etc. not hitherto publish=d by any. The 2nd ed. cor., with near one half of additions. London, [Great Britain]. Printed for R. Bonwicke [etc.]. 1709-1710. 3 v. in 1. front., ill., 77 pl. (part fold.), diags.

Note: Part II has title: *The Gentleman=s Recreation: Treating of Horsemanship, Hawking ...* London, Printed for

R. Bonwick [etc.]. 1709. Pages omitted in numbering: pt. I, p. 190-191, 193-194, 196, pt. II, p. 82.

NAL Call Number: 30 B622 Fo

Descriptors: horsemanship, hunting, wild beasts, fowl, fish, game laws, illustrations, London, agriculture.

Bradley, Richard. *A Complete Body of Husbandry: Collected from the Practice and Experience of the most Considerable Farmers in Britain. Particularly Setting Forth the Various Ways of Improving Land, ... To which is Added Several Particulars Relating to the Preservation of the Game, Adorn=d with Cuts.* London, [Great Britain]. Printed for James Woodman and David Lyon. 1727. [4], xi, [1], 372, [4] p. 4 folded leaves of plates, ill. Note: Signatures: A-2A8 2B8. Title in red and black. Pages 70-71, 74-75, and 78-79 misnumbered 90-91, 94-95, and 98-99. Advertisements: [4] p. at end. Game and game birds.

NAL Call Number: 30 B72 R

Descriptors: animal husbandry, game preservation, improving land, illustrations, plates, game, game birds.

Bradley, Richard. *The Country Gentleman and Farmer=s Monthly Director: Containing Necessary Instructions for the Management and Improvement of a Farm, in every Month of the Year, wherein is Directed the Times and Seasons Proper for Ploughing and Sowing of all Sorts of Corn or Grain, the Planting and Managing of Hops, Liquorice, Madder, Saffron, and such Other Crops as Stand more than One Year on the Ground, the Times of Planting and Cutting of Coppice or Springs of Wood, and Felling of Timber, the Breeding and Feeding of Poultry, Rabbits, Fish, Swine, and all Sorts of Cattle, with several Particulars Relating to the Improvement of Bees, Never before made Publick.* London, [Great Britain]. Printed for J. Woodman, & Lyon. Bradley, Richard. 1726. xx, 132 p., ill.

NAL Call Number: 30 B72C R

Descriptors: instructions, farm management, crops, breeding and feeding poultry, rabbits, fish, swine, cattle, improvement of bees, illustrations.

Bradley, Richard. *The Country Gentleman and Farmer=s Monthly Director: Containing Necessary Instructions for the Management and Improvement of a Farm, in every Month of the Year, wherein is Directed the Times and Seasons Proper for Ploughing and Sowing of all Sorts of Corn or Grain, the Planting and Managing of Hops, Liquorice, Madder, Saffron, and such Other Crops as Stand more than One Year on the Ground, the Times of Planting and Cutting of Coppice or Springs of Wood, and Felling of Timber, the Breeding and Feeding of Poultry, Rabbits, Fish, Swine, and all Sorts of Cattle, with several Particulars Relating to the Improvement of Bees, Never before made Publick.* 2nd ed. London, [Great Britain]. Printed for James Woodman and David Lyon. Bradley, Richard. 1727. xx, 132 p., ill. Note: Bound in old mottle calf.

NAL Call Number: 30 B72C Ed. 2

Descriptors: ploughing, planting, timber, husbandry, poultry, rabbits, fish, swine, cattle, breeding and feeding of animals.

Bradley, R. *The Country Gentleman and Farmer=s Monthly Director. Containing Necessary Instructions for the Management and Improvement of a Farm, in every Month of the Year. Wherein is Directed the Times and Seasons Proper for Ploughing and Sowing all Sorts of Corn for Grain, the Planting and Managing of Hops, Liquorice, Madder, Saffron, and such other Crops as Stand more than One Year on the Ground. The Times of Planting and Cutting of Coppice or Springs of Wood, and Felling of Timber, the Breeding and Feeding of Poultry, Rabbits, Fish, Swine, and all Sorts of Cattle. With Several Particulars Relating to the Improvement of Bees, never before made Publick. 6th ed., with Additions: Particularly some Rules for Breeding Pheasants, by a Gentleman: and an Alphabetical Index.* London, [Great Britain]. Printed for D. Browne. Bradley, Richard 1736. xxi, 191, [3] p., incl. front.

NAL Call Number: 30 B72C Ed. 6

Descriptors: husbandry, planting, rabbits, poultry, fish, swine, cattle, pheasants, bees, breeding and feeding of animals, index, Great Britain.

Bradley, Richard. *A General Treatise of Agriculture, Both Philosophical and Practical, Displaying the Arts of Husbandry and Gardening: in Two Parts. Part I. Of Husbandry ... Part II. Of Gardening ... Originally Written by R. Bradley ... and now not only Corrected and Properly Methodised, but Adapted to the Present Practice.* London, [Great Britain]. Printed for W. Johnston [etc.] 1757. viii, 503, [17] p., [21] leaves of plates (some folded): ill. Note: Booksellers= advertisements: p. [16-17] (3rd count).

NAL Call Number: 30 B72G

Descriptors: animal husbandry, gardening, general treatise of agriculture, Great Britain.

Bradley, Richard. *The Gentleman and Farmer=s Guide for the Increase and Improvement of Cattle, viz: Lambs, Sheep, Hogs, Calves, Cows, Oxen, also the Best Manner of Breeding, and Breaking Horses, Both for Sport and*

Burden, with an Account of their Respective Distempers, and the most Approved Medicines for the Cure of Yhem. Also some Observations on the many Benefits of the Woollen Manufactures of Great Britain, and the Great Advantage Arising from Hides, Tallow, &c. London, [Great Britain]. W. Mears. 1729. 1 p. 1., iv, [10], 352 p., ill., plates.

NAL Call Number: 40 B72G

Descriptors: husbandry, cattle, lambs, sheep, hogs, calves, cows, oxen, horses, training, animal diseases, medicines, wool, hides, tallow, animal products, Great Britain.

Bradley, Richard. *A Philosophical Account of the Works of Nature. Endeavouring to Set Forth the Several Gradations Remarkable in the Mineral, Vegetable, and Animal Parts of the Creation. Tending to the Composition of a Scale of Life. To which is Added, an Account of the State of Gardening, as it is now in Great Britain, and other Parts of Europe: Together with Several New Experiments Relating to the Improvement of Barren Ground, and the Propagating of Timber-Trees, Fruit-Trees, etc. with many Curious Cutts.* 1721. London, [Great Britain]. W. Mears. 1721. 10 p. 1., 194 p., xxviii pl. (1 fold.).

NAL Call Number: 409 B72 R

Descriptors: animals, gardening, fruit trees, timber trees, nature, illustrated work, Great Britain.

Bradley, Richard. *The Science of Good Husbandry, or, The Oeconomics of Xenophon: Shewing the Method of Ruling and Ordering a Family, and of Managing a Farm to the Best Advantage.* Translated from the Greek by R. Bradley, F.R.S. London, [Great Britain]. Printed for Tho. Corbet. Xenophon. 1727. [12], 131, [1] p. Note: *Friendship in Death*, 1728 bound with this. Signatures: A a4 B-18 K. With a half title. Other authors: Xenophon, Bradley, Richard 1688-1732. Other title: *Oeconomicus*. English.

NAL Call Number: 30 X2

Descriptors: animal husbandry, farm management, Xenophon (Greek), English translation.

Buffon, Georges Louis Leclerc, Compt de and William Smellie. *The Natural History of Birds. From the French of the Comte de Buffon with Preface, Notes and Additions, by the Translator.* London, [Great Britain]. A. Strahan [etc.], 1793. 9 vols., plates.

NAL Call Number: 413 B86 R

Descriptors: natural history, birds, habitats, descriptions.

Buffon, Georges Louis Leclerc, Compt de and William Smellie. *Natural History, General and Particular by the Count de Buffon, Translated into English, Illustrated with above 300 Copper-Plates, and Occasional Notes and Observations.* 3rd edition. London, [Great Britain]. Printed for W. Strahan and T. Cadell, 1791. 9 vols., 307 plates (pt. folded).

NAL Call Number: 409 B86 R

Descriptors: natural history, various animals included.

Catesby, Mark. *The Natural History of Carolina, Florida and the Bahama islands: Containing the Figures of Birds, Beasts, Fishes, Serpents, Insects, and Plants, Particularly the Forest-Trees, Shrubs, and Other Plants, not hitherto Described, or very Incorrectly Figured by Authors. Together with their Descriptions in English and French. To which, are Added Observations on the Air, Soil, and Waters, with Remarks Upon Agriculture, Grain, Pulse, Roots, etc. to the Whole, is Prefixed a New and Correct Map of the Countries Treated of.* Catesby, Mark. London, [Great Britain]. [1748?]. 18 cds. Note: Vol. 2, p. 59 numbered 56. Vol. 2, pl. 61 unnumbered, pl. 80 numbered 62. Appendix, plates 8, 7, 9 unnumbered. Note: AThe figures were etched by himself from his own paintings, and the colored copies executed under his inspection. @ *Appleton=s Cyclopedia of Amer. Biog.*, vol. 1, p. 557. Contains supplement: *An Account of Carolina and the Bahama Islands [Relation de la Caroline, et des isles de Bahama]*. xiv p. Also Appendix 1748? 20 p. col. pl.

NAL Call Number: 411 C28N Fo

Descriptors: natural history, colonial America, North Carolina, South Carolina, Florida, Bahama Islands, illustrations, maps, birds, animals, beasts, fish, snakes, insects, plants, trees, English and French, agriculture.

Cato, Marcus Porcius, Lucius Junius Moderatus Columella, Johann Matthias Gesner, Sunitus Gargilius Martialis, Rutilius Taurus Aemilianus Palladius, Marcus Teretius Varro, King George II, Glavius Vegetius Renatus and Christian Frederich Boetius. *Scriptores rei rusticae veteres latini: Cato, Varro, Columella, Palladius quibus nunc accedit Vegetius de mulo-medicina et Gargilii Martialis fragmentum cum editionibus prope omnibus et mss. pluribus collati. Adiectae notae virorum clariss. Ingegraetum editaetum ineditae et lexicon rei rusticae, curante Io. Matthia Gesnero. Gesner, Johann Matthias, and others.* [Ancient Latin authors on agriculture.] Lipsiae, [Germany], sumtibus C. Fritsch, 1735. 2 vols., front., ill., [4] fold. plates. Note: AIndex editionum Catonis et reliquorum rei rusticae scriptorum@: v. 1, p. xiii- vol. 2 has minor changes in title, paged continuously, title vignettes, tail pieces,

dedicated to George II, King of Great Britain, plates engraved by C.F. Boetius (Christian Friedrich 1706-1782).

NAL Call Number: 30.8 Scr3 1735

Descriptors: ancient Latin authors, ancient agriculture, frontispiece, illustrations, engraved plates, Johann Matthias Gesner 1691-1761, King George II of Great Britain 1683-1760, Christian Freidrich Boetius 1706-1782, ancient writers, Marcus Portius Cato 234-149 B.C., Lucius Junius Moderatus Columella, Quintus Gargilius Martialis, Rutilius Taurus Aemilianus Palladius, Marcus Terentius Varro, Flavius Vegetius Renatus, bibliography, early printed books, manuscripts.

Columella, Lucius Junius Moderatus. Bradley, Richard, translator. *L. Junius Moderatus Columella of husbandry. In Twelve Books: and his Book Concerning Trees.* Columella, Lucius Junius Moderatus. Trans. into English, with several illustrations from Pliny (ca. A.D. 77), Cato, Varro (ca. 116-27 B.C.), Palladius (ca. 64 A.D.), and other ancient and modern authors. London, [Great Britain]. Printed for A. Millar. 1745. xiv, [12] p., 1 leaf, 600, [8] p.

NAL Call Number: 30.8 C72H R

Descriptors: history, plant husbandry, animal husbandry, Lucius Junius Moderatus Columella first century A.D., illustrations, Pliny ca. 77 A.D., Cato and Varro ca. 116-27 B.C., Palladius ca. 64 A.D., original in Latin, English translation, 1745 edition.

Dickson, Adam. *A Treatise of Agriculture.* Edinburgh, [Great Britain], Printed by A. Donaldson and J. Reid for the author. Sold by A. Millar, R. and J. Dodsley and J. Richardson. London, [Great Britain], 1762. xvi, 427 p., [2] folded leaves of plates, ill.

NAL Call Number: 30 D56T

Descriptors: Great Britain, agriculture, plants, animals, historical view.

Dickson, Adam. *A Treatise of Agriculture.* New ed. Edinburgh, [Great Britain], A. Kincaid and J. Bell, 1770. 2 vols., [2] fold. leaves of plates.

NAL Call Number: S509.D5 1770 R

Descriptors: agriculture, Adam Dickson 1721-1776, Great Britain, historical view, plants, animals.

Donavan, Edward. *An Epitome of the Natural History of the Insects of China: Comprising Figures and Descriptions of Upwards of One Hundred New, Singular, and Beautiful Species, Together with Some that are of Importance in Medicine, Domestic Economy, etc. The Figures are Accurately Drawn, Engraved and Coloured, from Specimens of the Insects, the Descriptions are Arranged According to the System of Linnaeus, with References to the Writings of Fabricius, and Other Systematic Authors.* By E. Donovan. London, [Great Britain]. Printed for the author, by T. Bensley, 1798. 1 p., [96] p., ill., 50 col. plates. Note: the plates are hand-colored and some are dated 1799.

NAL Call Number: 422.6 D71

Descriptors: insects of China, natural history, taxonomic arrangement, hand-drawn and hand colored illustrations.

Donavan, Edward. *The Natural History of British Insects.* London, [Great Britain]. Printed for the author, and for F. and C. Rivington, 1793-1813. 16 vols. in 8. ill., 576 col. plates.

NAL Call Number: 422.4 D71B R

Descriptors: insects, British insects, natural history, British species, color illustrations.

Edwards, George and G. Du Pleissis. *Gleanings of Natural History, Exhibiting Figures of Quadrupeds, Birds, Insects, Plants, etc., most of which have not, till now, been either Figured or Described. With Descriptions of Seventy Different Subjects, Designed, Engraved, and Coloured after Nature, on Fifty Copper-Plate Prints.* Edwards, George. London, [Great Britain]. Printed for the author, at the Royal College of Physicians, 1758-64. 3 vols., ill., 152 col. plates, port. Note: Text in English and French in parallel columns. Considered as a continuation of the author's work on natural history of birds.

NAL Call Number: 411 Ed9G R

Descriptors: natural history, animals, quadrupeds, birds, insects, plants.

Edwards, George. *A Natural History of Uncommon Birds: and of Some Other Rare and Undescribed Animals, Quadrupeds, Fishes, Reptiles, Insects, &c., Exhibited in Two Hundred and Ten Copper-Plates, from Designs Copied Immediately from Nature, and Curiously Coloured after Life, with a Full and Accurate Description of each Figure, to which is Added a Brief and General Idea of Drawing and Painting in Water-Colours, with Instructions for Etching on Copper with Aqua Fortis, likewise some Thoughts on the Passage of Birds, and Additions to many Subjects Described in this Work by George Edwards.* London, [Great Britain]. Printed for the author, at the College of Physicians in Warwick-Lane. [1743]-1751. 4 vols. (248 p.), ill., 210 col. plates, map. Note: On spine: Edwards/Birds. Issued in parts. Paged continuously: v. 1: 2 p., xx, 52 p., v. 2: iv, 53-105 p. [app. [107]-128 p.], v.

3: ii p., 106 [129]-157 p., v. 4: iv p., 158-248 p. Also note: Added engraved title page. *Georgii Edvardi Ornithologia nova* (v. 1). Title pages for v. 2-4 read, with minor changes: *A Natural History of Birds. Most of which have not been Figured or Described ...* There is a description in French with separate title page and pagination at the end of each volume.

NAL Call Number: 411 Ed9N

Descriptors: birds, rare animals, rare birds, uncommon birds and some rare and undescribed animals, natural history, quadrupeds, fish, reptiles, insects, water-color painting, color illustrations, [1743]-1751 edition, engraved title pages, map, four volumes, ornithology, English and French, George Edwards 1694-1773, rare book.

Erxleben, Johann Christian Polykarp. *Systema regni animalis. [Animal Kingdom System by Class]*. Note: full title: *Io. Christ. Polyc. Erxleben Phil. D. Systema regni animalis per classes, ordines, genera, species, varietates: cvm synonymia et historia animalum: Classis I. Mammalia*. Lipsiae, [Germany]. Impensis Weygandianis, 1777. xlviii, 636, [64] p. No more published. Errata: p. [64] at end.

NAL Call Number: 412 Er9 R

Descriptors: animals, zoology, classification, mammals, animal history, Germany, 1777 edition, Latin language.

Forsskal, Peter and Carsten Niebuhr (ed.). *Descriptiones animalium, avium, amphibiorum, piscium, insectorum, vermium, quae in itinere orientali observavit Petrus Forskal. [Descriptions of Animals, Birds, Amphibians Fish, Insects, Pests]*. Adjuncta est materia medica kahirina atque tabula maris Rubri geographica. Hauniae, ex officina Mollerii, 1775. 19, xxiv, 164 p., maps. Note: In Latin.

NAL Call Number: 411 F77 R

Descriptors: zoology, medicine, animals, birds, fish, amphibians, insects, vermin, Egypt, Arabian Peninsula, Peter Forsskal 1732-1763, Carsten Niebuhr 1733-1815.

Forster, Johann Reinhold. *A Catalogue of the Animals of North America. Containing, an Enumeration of the Known Quadrupeds, Birds, Reptiles, Fish, Insects, Crustaceous and Testaceous Animals to which are Added Short Directions for Collecting, Preserving, and Transporting, all Kinds of Natural History Curiosities*. London, [Great Britain]. Sold by B. White, 1771. 43 p., front.

NAL Call Number: 411.2 F77

Descriptors: natural history, animals, North America, catalog, four-legged animals, birds, reptiles, fish, insects, crustaceous animals, testaceous animals, collecting, preserving, transporting.

Guilielmi, Henrici Kramer. *Elenchvs vegetabilivm et animalivm per Avstriam inferiorem observatorvm: sistens ea in classes et ordines genera et species redacta. [A Review of the Plants and Animals Observed in Lower Austria: Organizing Species and Genuses into Classes and Orders]*. Viennae, [Austria]: I.T. Trattner, 1756. 5 p. l., 400, [22] p., [1] leaf of plates: ill. Note: Other title: *Elenchus vegetabilium et animalum ... [A Review of the Plants and Animals...]*.

NAL Call Number: 409 K86

Descriptors: botany, zoology, Austria.

Houghton, John and Richard Bradley. *Husbandry and Trade Improv=d: Being a Collection of many Valuable Materials Relatin[g] to Corn, Cattle, Coals, Hops, Wool, etc., with a Compleat Catalogue of the Several Sorts of Earth, and their Proper Product ... as also Full and Exact Histories of Trades, as Malting, Brewing, etc. ... an Account of the Rivers of England, etc. and How far they may be made Navigable, of Weights and Measures ... the Vegetation of Plants, etc. with many other Useful Particulars Communicated by Several Eminent Members of the Royal Society, to the Collector, John Houghton. Now Revised, Corrected and Published, with a Preface and Useful Indexes, by Richard Bradley*. London, [Great Britain]. Prin[t]ed for Woodman and Lyon. 1727. 3 vols. Note: No. 383-385 (vol. 2, p. 462-467). Originally published in 583 weekly folio numbers, March 30, 1692-Sept. 24, 1703. Vol. 2 has title: *A Collection for the Improvement of Husbandry and Trade*.

NAL Call Number: 32 H81H R

Descriptors: tobacco described, growing and curing, imported, 1694-95, tobacco exports, snuff, medicinal uses, early agriculture, husbandry, corn, cattle, coals, hops, wool, catalog of earths, malting and brewing.

Martyn, Thomas. *The English Entomologist: Exhibiting All the Coleopterous Insects found in England, Including Upwards of 500 Different Species, the Figures of which have Never before Been Given to the Public. The Whole Accurately Drawn and Painted after Nature, Arranged and Named According to the Linnean System by Thomas Martyn*. London, [Great Britain]: His Academy for Illustrating and Painting Natural History. 1792. 33 p., ill.: 44 leaves of plates. Note: engraved title page. Plates 1-42 are hand colored. Also includes French version.

NAL Call Number: 427 M36E Fo R

Descriptors: coleopterous insects, beetles, Great Britain, entomology, species, figures, color illustrations, natural

history, [Martyn=s] Academy for Illustrating and Painting Natural History, English version, French version, Thomas Martyn 1760-1816.

Mills, John. *A New and Complete System of Practical Husbandry, Containing all that Experience has Proved to be most Useful in Farming, either in the Old or New Method, with a Comparative View of Both, and Whatever is Beneficial to the Husbandman, or Conducive to the Ornament and Improvement of the Country Gentleman=s Estate.* London, [Great Britain]. Printed for R. Baldwin [and 7 others], 1762-1765. 5 vols., ill., diags., plans (most folded).

NAL Call Number: 30 M622

Descriptors: John Mills d. 1784?, five volumes, 1762-1765, illustrations, diagrams, plans, practical husbandry, farming, comparative view of both old and new methods for ornament and improvement of country gentleman=s estate, historical work.

Mills, John. *A Treatise on Cattle: Showing the most Approved Methods of Breeding, Rearing, and Fitting for Use, Horses, Asses, Mules, Horned Cattle, Sheep, Goats, and Swine: with Directions for the Proper Treatment of them and their several Disorders: to which is Added, a Dissertation on their Contagious Diseases Carefully Collected from the Best Authorities, and Interspersed with Remarks by John Mills, Esq.* London, [Great Britain]. Printed for J. Johnson, 1776. viii, 498 p., 1 leaf, [16] p.

NAL Call Number: 40 M62 1776

Descriptors: treatise on cattle, approved methods, breeding, rearing, training for use, equipage, horses, asses, mules, horned cattle, sheep, goats, swine, directions treatment, disorders, dissertation contagious diseases, John Mills d. 1784?

Moore, John R. and T.B.C. Williams. *A Treatise on Domestic Pigeons: Comprehending all Different Species Known in England. Carefully Compiled from the Best Authors, to which is Added, a most Ample Description of that Celebrated and Beautiful Pigeon called the Almond Tumbler.* London, [Great Britain]. Printed for C. Barry, 1765. xvi, 144 p., 13 plates, folded ill. Note: AThis is the Columbarium of Moore amplified by a practical fancier@ T.B.C. Williams. *A Bibliography of the Books on Fancy Pigeons, 1887.*

NAL Call Number: 47.2 T712 R

Descriptors: treatise, domestic pigeons species in England, almond tumbler pigeon, fancy breeds, Columbarium of Moore amplified, 1765, illustrated work, John R. Moore d. 1737, 1887.

Moore, Sir Jonas. *England=s Interest, or, The Gentleman and Farmer=s Friend.* [Great Britain]. 1721. 188 p.

NAL Call Number: 32 M783 R

Descriptors: agriculture, Great Britain, various aspects of agriculture, animals, crops, production systems, Sir Jonas Moore 1617-1677.

Pallas, Peter Simon. *P.S. Pallas medicinae doctoris Miscellanea zoologica, quibus novae imprimis atque obscurae animalum species describuntur et observationibus iconibusque illustrantur. [Briefly--Miscellaneous Zoology].* [Leipsig, Germany?]. Hagae Comitum, apud Petrum van Cleef, 1766. xij, 224 p., xiv pl. (2 fold.).

NAL Call Number: 411 P17M R

Descriptors: zoology, historical works, miscellaneous zoology, illustrated works, Peter Simon Pallas 1741-1811.

Peale, Titian Ramsay. *Drawings of American Insects, Shewing them in their Several States, Together with such Minute Insects as Require Investigation by the Microscope. Designed and Executed from Living Specimens.* Philadelphia, [PA]. 1796. 1 l., col. plates. Note: Block printed title page. Plates are original drawings and water colors, bound.

NAL Call Number: 422 P312

Descriptors: American insects, illustrated works, drawings, water colors, Titian Ramsay Peale 1780-1798.

Pennant, Thomas. *Arctic Zoology.* London, [Eng.]: Printed by Henry Hughes, 1784-85. 2 vols. (586 p., [23] p. of plates), ill.

NAL Call Number: 411 P38A

Descriptors: arctic animals, arctic zoology, illustrated works, Thomas Pennant 1784-1785.

Pennant, Thomas. *History of Quadrupeds, the 3d ed.* London, [Great Britain]. Printed for B. & J. White, 1793. 2 vols. plates.

NAL Call Number: 412 P38 R

Descriptors: animals, quadrupeds, four-legged animals, historical works, illustrated works.

Pennant, Thomas, Johann Reinhold Forster, John Aikin, John Latham and Hugh Davies. *Indian Zoology.* 2nd ed.

London, [Great Britain]. Printed by H. Hughs, for R. Faulder, 1790. 1 p.l., viii, 161 p., 1l. XVI pl. Note: Engr. t.p., with vignette. AAdvertisement@ dated March 1, 1791. Note also: AAn Essay on India, its boundaries, climate, soil, and sea. Translated from the Latin of John Reinhold Forster, by John Aikin, M.D.@: p.[1]-27. AThe Indian faunula [arranged by John Latham and Hugh Davies]@ p. [57]-161.

NAL Call Number: 411 F775

Descriptors: zoology of India, illustrated works, Thomas Pennant 1726-1798, Johann Reinhold Forster 1729-1789, John Aiken 1747-1822, John Latham 1740-1837, Hugh Davies [1739?]-1821.

Sloane, Sir Hans. **A Voyage to the Islands Madera, Barbados, Nieves, S. Christophers, and Jamaica: with the Natural History of the Herbs and Trees, Four-Footed Beasts, Fishes, Birds, Insects, Reptiles, &c. of the Last of Those Islands, to which is Prefix=d an Introduction, wherein is an Account of the Inhabitants, Air, Waters, Diseases, Trade, &c. of that Place, with Some Relations Concerning the Neighboring Continent, and Islands of America. Illustrated with Figures of the Things Described, which have not been heretofore Engraved, in Larges Copper-Plates as Big as the Life.** In two volumes. London, [Great Britain]. Printed by B.M. for the author, 1707-1725. 2 vols., ill., maps, music. Note: On spine: *Sloanes Natural History of Jamaica*. Title page in red and black. Vol. 2: London, Printed for the author, 1725, vol. 1: [16], cliv, 264, [1] p. [160] double leaves of plates (some folded), vol. 2: [4], xviii, 499 p., [125] double leaves of plates (some folded). Errata: vol. 1, p. [1] at end.

NAL Call Number: 409 S15 Fo

Descriptors: Voyage to the islands Madera, Barbados, Nieves, S. Christophers, and Jamaica, natural history, herbs and trees, animals, fish, birds, insects, reptiles, Island inhabitants, air, water, diseases, trade, illustrated work, Sir Hans Sloane 1660-1753.

Thorley, John. *An Enquiry into the Nature, Order, and Government of Bees, those Instructive and Useful Insects: with a New, Easy, and Effectual Method to Preserve Them, not only in Colonies, but Common Hives: a Secret Unknown to Past Ages, and now Published for the Benefit of Mankind Written upon Observation and Experience, by the Reverend Mr. John Thorley.* 2nd ed. London, [Great Britain]. N. Thorley. 1765. x, [11]-158 p., plates, ill. Note: First edition, 1744, published under title: [Greek characters], or, *The Female Monarchy*. Bound with 2nd ed.

NAL Call Number: 424 T39 Ed. 2 R

Descriptors: insects, bees, bee colonies, bee hives, second edition, 1765 edition, illustrated work, Great Britain, Reverend John Thorley [fl. 1750-1770], rare book.

Thorley, John. *The Female Monarchy.* 1744. Published by the author. 206 p.

NAL Call Number: 424 T39 R

Descriptors: insects, butterflies, female monachy, John Thorley [fl. 1750-1770], rare book.

Tull, Jethro. *The Horse-Hoing [sic] Husbandry: or, An Essay on the Principles of Tillage and Vegetation. Wherein is Shewn [sic] a Method of Introducing a Sort of Vineyard-Culture into the Corn-Fields, in Order to Increase their Product, and Diminish the Common Expence [sic], by the Use of Instruments Described in Cuts.* By J.T. [sic]. London, [Great Britain]. Printed for the author in 1733. 2 p. 1., x, 200, [2] p., 6 pl., ill. Note: Accompanied by: Tull, Jethro. *A Supplement to the essay on horse-hoing [sic] husbandry. Containing explanations and additions both in theory and practice. Wherein all the objections against that husbandry, which are come to the author=s knowledge are consider=d and answer=d [sic].* London, [Great Britain]. Printed for the author, 1736.

NAL Call Number: 53 T82H R

Descriptors: agriculture, tillage, horse drawn instruments, plow, seed-drill, Great Britain, Jethro Tull 1674-1741.

Tull, Jethro. *Horse-Hoeing Husbandry: or, An Essay on the Principles of Vegetation and Tillage. Designed to Introduce a New Method of Culture, whereby the Produce of Land will be Increased, and the Usual Expence [sic] Lessened. Together with Accurate Descriptions and Cuts of the Instruments Employed in it. By Jethro Tull. The 4th ed., very carefully corrected. To which is prefixed, a new preface by the editors, addressed to all concerned in agriculture.* London, [Great Britain]. Printed for A. Millar. 1762. xvi, 432 p., 7 fold. pl., ill.

NAL Call Number: 53 T82H Ed. 4

Descriptors: agriculture, tillage, horse drawn instruments, plows, illustrated work, Jethro Tull 1674-1741.

Young, Arthur. *Essays on the Management of Hogs, and the Culture of Coleseed, Including Experiments.* The 2nd edition, with additions. London, [Great Britain]. W. Nicoll. 1770. 4 p.l., v-xxiv, 25-159 p. Note: AEssays for which the Society for the Encouragement of Arts, Manufactures, and Commerce, adjudged the premiums of gold medals.@ 1st. prelim. leaf. Other author: Royal Society (Great Britain).

NAL Call Number: 46 Y82

Descriptors: management of hogs, swine production, culture of coleseed, experimental results, rape plants, swine feeding and feeds, Great Britain, gold medal winners, Arthur Young 1741-1820.

Young, Arthur. *The Farmer=s Guide in Hiring and Stocking Farms*. London, [Great Britain]. Printed for W. Strahan, 1770. 2 vols. plates, plans (partly fold.).

NAL Call Number: 32 Y7Fa

Descriptors: illustrated work, plans, stock, guide, Great Britain, Arthur Young 1741-1820.

Return to: [Bibliography Contents](#)

1800-1899

Agassiz, Elizabeth Cary (ed). *Louis Agassiz: His Life and Correspondence*. Boston, [MA], New York, [NY]. Houghton Mifflin, [c1885]. xviii, 794 p., ill., plates, 4 port. (incl. front.).

NAL Call Number: 120 Ag1

Descriptors: zoology, Louis Agassiz correspondence, life and achievements in natural history studies, portraits.

Agassiz, Louis. *Contributions to the Natural History of the United States of America*. Boston, Little, Brown, 1857.

NAL Call Number: 411.2 Ag1

Descriptors: turtles, classification, zoology, natural history, contributions, United States.

Agassiz, Louis. *Lake Superior: Its Physical Character, Vegetation, and Animals, Compared with those of Other and Similar Regions, By Louis Agassiz, with a Narrative of the Tour, By J. Elliot Cabot and Contributions by Other Scientific Gentlemen*. Boston, [MA]. Gould, Kendall and Lincoln, 1850. x, 428 p., [17] leaves of plates: ill., map.

Note: Illustrated title page.

NAL Call Number: 409 Ag1

Descriptors: zoology, botany, Lake Superior, vegetation, animals, comparisons, tour narratives, natural history explorers, United States.

Agassiz, Louis. **Natural history illustrations. Six species of North American fresh-water fishes**. 1889. 1 vol. *Smithsonian Institution Publication* 672.

NAL Call Number: 500 Sm6Ag no. 672

Descriptors: fresh-water fishes, North American, fish illustrations, natural history.

Agassiz, Louis and the Ray Society. [*Reports on Zoology for 1843, 1844*]. Transl. from the German by George Busk, Alfred Tulk, esq., and Alexander H. Haliday, esq. London, [England]. Printed for the Ray Society, 1847. viii, 596 p.

The Ray Society. Note: **1843: Mammalia, Ornithology** by A. Wagner. **Herpetology, Ichthyology** by F.H. Troschel. **Insecta** by W.F. Erichson. by F.H. Troschell. **Helminthology, Worms, Zoophytes, and Protozoa** by C.T. v. Siebold. **Reptilia, Ichthyology** by F.H. Troschel.

NAL Call Number: 411 R21R

Descriptors: zoology reports, zoology, history, bibliography, ornithology, ichthyology, insecta, arachnida, crustacea, entomostracan, mollusca, helminthology, zoophytes, protozoa, reptilia.

Aiken, Charles Rochemont. *A Concise View of All the most Important Facts which have hitherto Appeared Concerning the Cow-Pox*. 1801. London, [Great Britain]. Printed for R. Phillips [etc.], 1801. 1 p. 1., iv, [2], 102 p., col. front.

NAL Call Number: 448 Ai4

Descriptors: smallpox vaccination, cow-pox most important facts, cattle disease, vaccinia virus.

Altum, von dr. Bernard. Transl. title: *Forstzoologie [Forest Zoology]*. Edn. 2, verb. und verm. aufl. Berlin, [Germany], J. Springer, 1876-1882. 3 v., ill., plates (incl. front., v. 1). Note: I. **Saugethiere**. II. **Vogel**. III. **Insecten**. 1. abth. **Allgemeines und kafer**. 2. abth. **Schmetterlings, haut-, zwei-, gerad-, netz- und halbflugler**.

NAL Call Number: 411 A17F

Descriptors: zoology 1758-1900, forest animals, mammals, birds, insects general and beetles, butterflies, forest zoology, Germany, 1876-1882.

American Humane Association. *Report of The American Humane Association on Vivisection and Dissection in*

Schools. Chicago, [IL]. 1895. 64 p.

NAL Call Number: 40 Am32V

Descriptors: vivisection, animals, dissection in schools, social issues and concerns, animal use in education.

American Humane Association. *Report on Vivisection in America*. Chicago, [s.n.], 1896. 71 p.

NAL Call Number: 40 Am32

Descriptors: animal based research, report on vivisection, uses of live animals, United States.

American Sheep Breeder and Wool Grower. 48 v., ill. 1883-1928. *American Sheep Breeder*. Note: absorbed *Sheep Farmer*, *Chicago Wool Grower*, *Shepherd=s Guide*, and *Karakul Breeder*.

NAL Call Number: 45.8 Am31

Descriptors: animal breeding, sheep breeding, animal husbandry, sheep, American sheep, wool growing, 1883-1928, illustrations.

Anderson, Edward Lowell. *Modern Horsemanship, Three Schools of Riding, an Original Method of Teaching the Art by Means of Pictures from the Life*. New ed., re-written and re-arranged. New York, [NY]. Putnam, 1889. 164 p., ill.

NAL Call Number: 42 An2H

Descriptors: horses, training methods, horsemanship, teaching, three schools of riding.

Aristotle and Arend Friedrich August Wiegmann. [*Critical Zoological Observations in Aristotle=s History of Animals*]. Note: Title on publication is: *Observationes zoologicae criticae in Aristotelis Historium animalum*. Scripsit Arend Frider. August. Wiegmann. Lipsiae, [Germany], in commissis I.C. Hinrichs, 1826. 3 p.1., 39 p.

NAL Call Number: 411 W63A

Descriptors: animal history, Aristotle=s work reviewed, zoology, observations of animals.

Associated Corps of Experienced Writers. *Illustrated American Stock Book. 1891. A Plain Practical and Modern Treatment of the Several Branches of Livestock*. Rev., enl. and improved ed. Chicago, [IL]. American Live Stock Pub. Co., 1891. 615 p., ill.

NAL Call Number: SF751.I4

Descriptors: animal history, livestock, American livestock animals, cattle, pigs, sheep, poultry.

Audubon, John James and Maria R. Audubon (ed.). *Audubon and his Journals*. New York, [NY]. Charles Scribner=s Sons, 1897. 2 v.: 15 ill., 20 ports.

NAL Call Number: 120 Au2

Descriptors: animal history, birds, illustrations, portraits, facsimile, zoology, Europe, North America, zoological notes, Labrador, Missouri River.

Axe, John Wortley. *The mare and foal*. London, [Great Britain]. J. Murray, 1898. 58 p., ill. *The Journal of the Royal Agricultural Society of England*, third series, v, ix, part II, 1898.

NAL Call Number: 42 Ax2

Descriptors: mares, foals, horses, veterinary embryology, veterinary obstetrics, care and handling.

Balfour, Francis M. *A Treatise on Comparative Embryology*. London, [England]. Macmillan and Co., 1880-81. 2 v., ill. Note: Bibliography: xxii p. at end of vol. 1 and xxii p. at end of v. 2. Forms v. 2-3 of the AMemorial ed.@ of the author=s works, published London, [England], 1885.

NAL Call Number: 442 B19

Descriptors: animals, embryology, reproduction and development, comparative information.

Ballard, Julia Perkins Pratt. *Among the Moths and Butterflies, A Revised and Enlarged Edition of AInsect Lives, or, Born in Prison*.@ New York, [etc.], [NY]. G.P. Putnam=s Sons, 1890. xxxiv p., 1, 237 p., front., ill.

NAL Call Number: 430 B213

Descriptors: insects, moths, butterflies, illustrations, natural history, life cycle.

Banks, Nathan. *Arachnida from Baja California and other parts of Mexico*. San Francisco, [CA]. The California Academy of Sciences. 1898. 1 p. 1., p. 205-308. pl. XIII-XVII. *Proceedings of the California Academy of Sciences. 3d Ser. Zoology*. Vol. 1(7). Note: AIssued May 28, 1898.@

NAL Call Number: 434 B22

Descriptors: Arachnida, spiders, scorpions, mites, ticks, zoology, Baja California, Mexico.

Banks, Nathan. **The Arachnida of Colorado.** New York Academy of Sciences. 1895. p. 417-434. *New York Academy of Sciences, Annals.* v. 8, no. 14.

NAL Call Number: 434 B22C

Descriptors: Arachnida, spiders, scorpions, mites, ticks, habitats, species found, Colorado.

Baucher, Francois. *New Method of Horsemanship, Including the Breaking and Training of Horses, with Instructions for Obtaining a Good Seat.* Translated from the ninth Paris edition. [18--] New York, [NY]. A. Cogswell, [18--]. 130 p., ill. Note: This is a translation of *Methode d'equitation base sur de nouveaux principes*. 9th edition.

NAL Call Number: 42 B322

Descriptors: horses, horsemanship instructions, horse training, riding, horse care, breaking horses to saddle.

Benson, C. *India in 1887 as Seen by Robert Wallace, a Brief Reply by C. Benson.* Madras, [India]. Addison, 1889. 34 p. Note: domestic animals and India as seen by Robert Wallace.

NAL Call Number: 34.2 B44

Descriptors: domestic animals, India, descriptions, species, found, early explorer.

Biggle, Jacob. **Biggle swine book: much old and more new hog knowledge, arranged in alternate streaks of fat and lean.** Philadelphia, [PA]. Wilmer Atkinson Co., 1899, c1898. 143, [1] p., ill. *Biggle Farm Library*, no. 5.

NAL Call Number: 46 B48 1899

Descriptors: swine, hogs, fat and lean, husbandry and care.

Billings, Frank S. **Original investigations in cattle diseases in Nebraska: southern cattle plague.** Lincoln, [Nebraska]. University of Nebraska, Agricultural Experiment Station of Nebraska, 1893. 116 p., 2 leaves of plates, ill. (some col.). *Bulletin of the Agricultural Experiment Station of Nebraska*, no. 28 and *Animal Disease Series*, no. 5. Note: Caption title: **Etiology of southern cattle plague--Texas fever.** "Revised and augmented with many new investigations, and the true place of the tick as a vehicle of infection unquestionably demonstrated."

NAL Call Number: 100 N27 (4) no. 28

Descriptors: babesiosis in cattle, cattle disease, cattle plague, southern cattle, Texas fever, ticks as a disease vector.

Bishchoff, James. *A Comprehensive History of the Woollen and Worsted Manufactures, and the Natural and Commercial History of Sheep, from the Earliest Records to the Present Period.* London, [Great Britain]. Elder and Co., [etc.], 1842. 2 v., fronts., 4 pl., tables (1 fold.).

NAL Call Number: 45 B54H

Descriptors: wool, sheep, domestic animals, history of wool and worsted manufacturing, Great Britain.

Bonham, Lazarus N. *The Origin and Development of the Poland-China Breed of Swine.* [United States?: s.n., 1887?]. 15 p. Note: Running title: *Poland-China Breed of Swine.* AAdopted November 17, 1887, by the National Swine Breeders= Association as its official history.@

NAL Call Number: SF393.P7B6 R

Descriptors: swine history, hogs, Poland-China breed, breed origin, breed development.

Bos, Jan Ritzemia and J.R.A. Davis (transl.). *Agricultural Zoology with an Introduction by E.A. Ormerod.* London, [England]. Chapman, 1894. 256 p., ill.

NAL Call Number: 411 B65A

Descriptors: economic zoology, agricultural zoology, English translation, livestock animals.

Bouley, Henri Marie and Andre Francois Augustin Liautard (transl.) 1835-1918. *Hydrophobia: Means of Avoiding its Peril and Preventing its Spread, as Discussed at One of the Scientific Soirees of the Sorbonne By H. Bouley.* New York, [N.Y.] Harper & Brothers, 1874. 61 p.

NAL Call Number: 41 B66H

Descriptors: animal disease, hydrophobia, hydrophobia prevention, rabies.

Brightwen, Eliza Elder. *Inmates of my House and Garden by Mrs. Brightwen, Illustrated by Theo. Carreras.* London, [Great Britain]. T.F. Unwin, 1895. 277 p., ill.

NAL Call Number: 411 B76

Descriptors: zoology, animal behavior, typical garden visitors, pets.

British Museum (Natural History). Dept. of Zoology. *Report on the Zoological Collections made in the Indo-Pacific Ocean during the Voyage of H.M.S. >Alert= 1881-2.* London, [England]. Printed by order of the Trustees, 1884.

xxv, 684 p., 54 pl. (part col.), ill.

NAL Call Number: 411 B774

Descriptors: zoology, Melanesia, Australia, Islands of the Indian Ocean, scientific expeditions, history, specimen collection, natural history of animals.

Brodin-Collet, Auguste. *M. Pasteur, la Rage, le Vaccin Charbonneux*. [M. Pasteur, Rabies, Anthrax Vaccine]. Paris, [s.n.], [France], 1886. 142 p. Note: In French.

NAL Call Number: 41 P26

Descriptors: biography, scientist, Pasteur, rabies, anthrax vaccine, animals.

Brooks, William Keith. *The foundations of zoology by William Keith Brooks*. New York, [N.Y.], London, [England]: The Macmillan Company, 1899. viii, 339 p. *Columbia University Biological Series* 5.

NAL Call Number: 411 B792

Descriptors: zoology, biology, theory, animal studies.

Brown, S. *The Locust War in Cyprus*. London, [Great Britain]. Sprague & Co., printers, 1888. 31 p., 6 plates: (incl. 2 maps).

NAL Call Number: 429 B81

Descriptors: insects, locusts, locust war, Cyprus.

Bruce, Benjamin Gratz. *Memoir of Lexington, by B.G. Bruce* [n.p., 188?]. 51 p. Note: Lexington was a race horse.

NAL Call Number: 42 B832

Descriptors: memoir, famous race horse, Lexington.

Bruce, Sanders Dewees. *The Thoroughbred Horse: His Origin, How to Breed and How [to] Select Him, with the Horse Breeders= Guide by S.D. Bruce*. New York, [NY]. Turf, Field and Farm. 1892. xii, 316 p. Note:

AEmbracing one hundred tabulated pedigrees of the principal sires, with full performances of each and best of their get, covering the season of 1892.@ (United States).

NAL Call Number: 42 B83

Descriptors: animal husbandry, thoroughbred horse origin, horse breeding, breeders guide, horse selection, pedigrees, sires, United States.

Bruner, Lawrence. *The more destructive locusts of America north of Mexico*. 1856-1937. Washington, D.C., U.S. Dept. of Agriculture, Division of Entomology, 1893. 40 p., ill. *Bulletin. U.S. Dept. of Agriculture. Division of Entomology*, no. 28.

NAL Call Number: 1 En82B no. 28

Descriptors: insects, entomology, locusts, North America, U.S. Dept. of Agriculture, illustrations, destructive locusts, crop plant pests.

Buffon, Georges Louis Leclerc, Comte de. *Buffon=s Natural History of Man, the Globe, and of Quadrupeds with Additions from Cuvier, Lacepede, and Other Eminent Naturalists 1707-1788*. New York, [NY]. Leavitt & Allen, 1853. 2 vols., ill. Note: AAdvertisement@ (p. [iii]-iv) signed: J.W.

NAL Call Number: 409 B86B

Descriptors: natural history, quadrupeds, four legged animals, man, the globe, Georges Cuvier 1769-1832, Comte de Bernard Germain Etienne de la Ville sur Illon Lacepede 1756-1825, Comte de Georges Louis Leclerc Buffon 1707-1788.

Buffon, Georges Louis Leclerc, Comte de, Lacepede, Comte de (Bernard Germain Etienne de la Ville sur Illon. *Oevres completes de Buffon / mises en ordre par M. le comte de Lacepede, enrichies par ce savant d=une vue generale des progres des sciences naturelles. Nouv. ed., augm. d=un precis des decouvertes nouvellement faites dans l=histoire naturelle*. [Complete Works of Buffon]. Paris, [France]: Eymery, Fruger & Cie., 1828-1829. 27 vols., ill. Note: AExemplaire no. 56"Half title page. Vol. 27 is unnumbered. Other author: La Cep`ede, M. le Comte de (Bernard Germain Etienne de la Ville sur Illon), 1756-1825. In French.

NAL Call Number: QH45.B78 1828 R

Descriptors: natural history, zoology, French, progress of the science.

Buffon, Georges Louis Leclerc, Comte de, William Smellie and William Wood. *Natural History, General and Particular, by the Count de Buffon, Illustrated with Above Six Hundred Copper Plates. The History of Man and Quadrupeds, Translated with Notes and Observations by William Smellie ..., A New Edition Carefully Corrected and Considerably Enlarged by Many Additional Articles, Notes and Plates, and Some Account of the Life of M. De*

Buffon, by William Wood. London, [Great Britain]. T. Cadell and W. Davies, 1812. 20 vols., ill., plates, port., maps.

NAL Call Number: 411 B86

Descriptors: natural history, man, quadrupeds, articles, notes, illustrations, plates, portrait, maps.

Burmeister, Hermann, William Benjamin Carter and Georges Cuvier. *Reise durch die La Plata-Staaten, mit besonderer Rücksicht auf die physisch Beschaffenheit und den Culturzustand der argentinischen Republick Ausgeführt in den Jahren 1857, 1858, und 1860 von Dr. Hermann Burmeister.* [A Trip through the La Plata States, with a Specific Review of the Physical Makeup and Cultural Circumstances of the Argentine Republic; Conducted in the Years 1857, 1858 and 1860 by Dr. Hermann Burmeister]. Halle: H.W. Schmidt, 1861. 2 vols., 2 folded maps. Note: A Systematische Uebersicht der Thiere des la Plata-Gebietes@: vol. 2, p. [389]-538. Note: 1 Bd. Die Sudlichen Provinzen umfassend. 2. Bd. Die nordwestlichen Provinzen und die Cordilleren zwischen Catamarca und Copiapo umfassend.

NAL Call Number: 125 B923 R

Descriptors: geology of Argentina, zoology, early explorations, maps, trip through the La Plata States of the Argentine Republic in 1857, 1858, and 1860, 1861 edition, animals of the La Plata Region.

Carpenter, William Benjamin and William Sweetland Dallas. *Zoology, Being a Systematic Account of the General Structure, Habits, Instincts, and Uses of the Principal Families of the Animal Kingdom, as Well as of the Chief Forms of Fossil Remains, by William B. Carpenter.* A new edition, thoroughly revised by W. S. Dallas ... London, [Great Britain]. Bell & Daldy, 1866-71. 2 vols., ill. Note: other author: W.S. (William Sweetland) Dallas 1824-1890.

NAL Call Number: 411 C222

Descriptors: animals, zoology, fossil remains, animal kingdom families, animal family structure, habits, instincts, animal uses, illustrations.

Chamberland, Ch. *Le charbon et la vaccination charbonneuse d'après les travaux recents de M. Pasteur, par Ch. Chamberland.* [Anthrax and Anthrax Vaccination after the Recent Work of Mr. Pasteur by Ch. Chamberland]. Paris, [France]. B. Tignol, 1883. vii, 316 p., ill.

NAL Call Number: 41 C35

Descriptors: anthrax, anthrax vaccination, Ch. Chamberland b. 1851, Louis Pasteur 1822-1895, France, charbon, vaccination charbonneuse, 1883 edition, French, illustrations.

Cheever, Alonzo. *Stock-Husbandry in Massachusetts ... Paper Read Before the Massachusetts State Board of Agriculture at Great Barrington, Mass., 1884.* W. Boston, [Mass.], Wright & Potter Printing Co., State Printers, 1885. 4 p.

NAL Call Number: 40 C41

Descriptors: animal husbandry, stock, dairy cattle, care and management of livestock, domestic animals, paper, Massachusetts.

Clater, Francis, William Youatt and John Stuart Skinner. *Every Man His Own Cattle Doctor: Containing the Causes, Symptoms, and Treatment of All the Diseases Incident to Oxen, Sheep, and Swine, and a Sketch of the Anatomy and Physiology of Neat Cattle by Francis Clater. Edited, Revised, and Almost Rewritten by William Youatt ... with Numerous Additions, Embracing an Essay on the Use of Oxen, and the Improvement in the Breed of Sheep, &c. by J.S. Skinner ... with Numerous Cuts and Illustrations. Clater, Francis, et al.* Philadelphia, [PA]. Lea and Blanchard, 1844. [J. Fagan, Stereotyper. J. & W. Kite, Printers]. xvii, [1], 19-251, [1] p. (last blank), ill. Other authors: William Youatt 1776-1847, and John Stuart Skinner 1788-1851.

NAL Call Number: 41 C57 R

Descriptors: domestic animals, animal diseases, veterinary medicine, zoology, cattle, sheep, oxen, draft animals, sheep breeding, anatomy, physiology.

Clater, Francis, John Clater and Samuel Clater. *Every Man His Own Cattle Doctor, Containing Causes, Symptoms, and Treatment of All the Diseases Incident to Oxen, Cows, and Sheep. By Francis Clater. 6th ed., with Numerous Additions and Corrections, by His Sons, Samuel and John Clater, Including a Short Treatise on the Anatomy and Physiology of Neat Cattle.* London, [Great Britain]. Printed for Baldwin, Cradock, and Joy, 1825. xx, 347 p.

NAL Call Number: 41 C57 Ed. 6

Descriptors: animal disease, veterinary medicine, neat cattle, physiology, anatomy, oxen, cows, sheep.

Clater, Francis. *Every Man His Own Cattle Doctor: or a Practical Treatise on the Diseases of Horned Cattle: being a Concise and Familiar Description of All the Diseases Incident to Oxen, Cows and Sheep, with the Most Simple and Effectual Method during Lambing Season by Francis Clater.* Philadelphia, [PA.] A. Small, 1815. xii, 256 p.

Note: includes index. A London edition published in 1811 is cataloged as NAL Call Number: 41 C57 Ed. 2.

NAL Call Number: SF961.C63 1815 R

Descriptors: animal disease, veterinary medicine, horned cattle, oxen, cows, sheep, lambing season.

Clater, Francis and John Stuart Skinner. *Every Man His Own Farrier: Containing Causes, Symptoms, and Most Approved Methods of Cure of the Diseases of Horses with Notes and Additions by J.S. Skinner.* 1st Amer. Fr. 28th Lond. Ed. Philadelphia, [P.A.]. Lea, 1845. 219 p.

NAL Call Number: 41 C57F R

Descriptors: farrier, horse doctor, veterinary medicine, horse diseases, first American edition, rare book, notes, additions.

Clater, Francis, Youatt, William, Skinner and John Stuart. *Farmers= Barn Book: Containing the Causes, Symptoms, and Treatment of All the Diseases Incident to Oxen, Sheep and Swine, the Anatomy and Physiology of Neat Cattle with Directions How to Ascertain the Good Qualities, and Detect the Faults, of Carriage, Cart and Saddle Horses by Clater, Youatt, Skinner and Mills.* 1st American ed. Philadelphia, [PA]. Leary & Getz, 1857. 311 p., ill. Note: Ninth ed. in England of Clater=s *Every Man his Own Cattle Doctor* (NAL Call Number: R 41 C57), revised by Youatt. Preface of first American ed. signed by J.S.S. (John Stuart Skinner). Francis Clater 1756-1823. Other authors: William Youatt 1776-1847, and John Stuart Skinner 1788-1851.

NAL Call Number: SF753.C6 1857 R

Descriptors: symptoms and treatment of animal diseases, veterinary medicine, cattle, oxen, sheep, swine, horses, carriage horses, cart horses, saddle horses, animal use, judging animal soundness.

Claus, Carl Friedrich Wilhelm, Heathcoate, Frederick Granville (transl. and ed.) and Adam Sedwick. *Elementary Text-Book of Zoology. By Dr. C. Claus. tr. and ed. by Adam Sedgwick with the Assistance of F.G. Heathcote.* London, [England]. W.S. Sonnenschein & Co., 1884-85. 2 vols., ill. Note: Vol. 1: with 706 woodcuts. A translation of the abridgment of the author=s *AGrundzuge des zoologie*, @ 1st ed., 1868. Contents: [v.1] *General Part and Special Part: Protozoa to Insecta.* [v.2] *Special Part: Mollusca to Man.* Note: English translation, first edition, translation of 1868 edition, two volumes, 1884-85 edition.

NAL Call Number: 411 C57

Descriptors: zoology, text book, protozoa, insects, animals, mollusca, man.

Cobbett, William. *Cottage Economy: Containing Information Relative to the Brewing of Beer, Making of Bread, Keeping of Cows, Pigs, Bees, Ewes, Goats, Poultry and Rabbits and Relative to Other Matters Deemed Useful in the Conducting of the Affairs of a Labourer=S Family: to which are Added, Instructions Relative to the Selecting, the Cutting and the Bleaching of Plants of English Grass and Grain, for the Purpose of Making Hats and Bonnets, and also Instructions for Erecting and Using Ice-Houses, after the Virginian Manner by William Cobbett.* New edition. London, [Great Britain]. W. Cobbett. 1826. [194] p., plates.

NAL Call Number: 30 C63 R

Descriptors: agriculture, beer brewing, bread making, animal husbandry, cows, pigs, bees, ewes, goats, poultry, rabbits, domestic animals, animal care, making hats, and bonnets, plants, erecting and using ice houses after the Virginian manner.

Coburn, Foster Dwight. *Swine Husbandry. A Practical Manual for the Breeding, Rearing, and Management of Swine, and the Prevention and Treatment of their Diseases. By F.D. Coburn.* New York, [N.Y.]. O. Judd Company, [1877]. iv, 5-275 p., ill.

NAL Call Number: 46 C63S

Descriptors: swine, practical manual, swine husbandry, breeding, rearing, animal disease treatment and prevention, pigs, swine management.

Coleman, John and Harrison Weir. *The Cattle, Sheep and Pigs of Great Britain, Being a Series of Articles on the Various Breeds of the United Kingdom, their History, Management, etc.* Coleman, John. Edited by John Coleman with illustrations from the original drawings by Harrison Weir. London, [Great Britain]. H. Cox, 1887. 491 p., ill., plates.

NAL Call Number: 43 C67C

Descriptors: domestic animals history, cattle, sheep, pigs, breeds, animal care.

Comstock, John Henry. *Evolution and Taxonomy.* Ithaca, NY, 1893. p. 37-113, [1] p. ill., plates.

NAL Call Number: 430 C73E

Descriptors: evolution, taxonomy, insects, butterflies, moths, zoological classification.

Comstock, John Henry. ***Guide to Practical Work in Elementary Entomology.*** Ithaca, NY. [Cornell University]. The University Press, 1882. 35 p.

NAL Call Number: 422 C73P

Descriptors: entomology, insects, laboratory work with insects.

Comstock, John Henry with Anna Botsford (illust.). ***An Introduction to Entomology.*** Ithaca, NY, [pub. by] the author, 1888. iv, 234 p., ill.

NAL Call Number: 422 C73I

Descriptors: entomology, insects.

Cook, Orator Fuller. ***African Diplopoda of the family Gomphodesmidae.*** Washington, [D.C.]. G.P.O., 1899. p. 677-739, lv-lxi [55-61] plates. Note: *The Proceedings of the United States National Museum*, vol. xxi, p. 677-739.

NAL Call Number: 433 C77

Descriptors: entomology, insects, African Diplopoda, Gomphodesmidae.

Cooper, Thomas Sydney. ***Groups of Cattle, Drawn from Nature, by T.S. Cooper.*** London, [England]. Ackerman & Co., [1839]. 1 l., 25 pl.

NAL Call Number: 40 C78 R Fo

Descriptors: cattle, different types, illustrated.

Cotton, William Charles, et al. ***My Bee Book by William Charles Cotton ...*** London, [Great Britain]. J.G.F. & J. Rivington, 1842. xvii-lvi p., 1 leaf, [59]-368 p., plates, ill. Note: Includes selections from the following works, each selection preceded by copy of t.p. of work from which it is taken: *Englands Interest ...* 4th ed. by Sir J. More (Moore?). London, 1707: [Greek characters], or *The Female Monarchy ...* by John Thorley. London, 1744, *Treatise on Bees* by Robert Sydserff.

NAL Call Number: 424 C822 R

Descriptors: bees, butterflies, insects, Great Britain.

Coues, Elliott. ***Birds of the Colorado Valley: a repository of scientific and popular information concerning North American ornithology, by Elliott Coues.*** Washington, [D.C.]. Govt. Print. Off., 1878. xvi, 807 p., ill. *United States Geological Survey of the Territories Miscellaneous Publications*, no. 11.

NAL Call Number: 413 C83B

Descriptors: birds, North American ornithology, birds, Colorado River Valley, Colorado to Mexico, 1878 edition, illustrations, bibliography, Ellicott Coues 1842-1899.

Coues, Elliott. ***The Coues Check List of North American Birds.*** 2d, ed., rev. to date and entirely rewritten. Boston, [Mass.] Estes and Lauriat, 1882. 165 p.

NAL Call Number: QL677.C86 1882

Descriptors: birds, North American ornithology, bird classification, second edition, check list.

Coues, Elliott. ***Fur-bearing animals: a monograph of North American Mustelidae, in which an account of the wolverene, the martens or sables, the ermine, the mink and various other kinds of weasels, several species of skunks, the badger, the land and sea otters, and numerous exotic allies of these animals, is contributed to the history of North American mammals by Elliott Coues.*** Washington, [D.C.]: Govt. Printing Office, 1877. xiv, 348 p., ill., 20 plates. *U.S. Geological [and Geographical] Survey of the Territories Miscellaneous Publications*, no. 8.

NAL Call Number: 412.7 C83

Descriptors: fur bearing mammals, North America, history, Mustelidae, wolverene, martens, sables, ermine, mink, weasels, skunks, badgers, otters.

Coues, Elliott. ***Key to North American Birds: Containing a Concise Account of Every Species of Living and Fossil Bird at Present Known from the Continent North of the Mexican and United States Boundary, Inclusive of Greenland and Lower California, with which are Incorporated General Ornithology: an Outline of the Structure and Classification of Birds, and Field Ornithology, A Manual of Collecting, Preparing, and Preserving Birds by Elliot Coues.*** Boston, [Mass.]. Estes and Lauriat, 1890. xxx, 907 p., ill. (some col.). Note: 2nd. ed. catalogued as NAL Call Number: 413 C83K.

NAL Call Number: QL681.C865 1890

Descriptors: birds, living birds, fossil birds, North American ornithology, Greenland, lower California, bird classification, collecting birds, preserving birds, bird species, field ornithology.

Cronwright Schreiner, Samuel Cron and South African Goat Breeders' Association. **The Angora Goat (Published under the Auspices of the South African Angora Goat Breeders' Association) and a Paper on the Ostrich.**

Reprinted from the *Zoologist* for March 1897 by S.C. Cronwright Schreiner ... London, [Great Britain], New York, [N.Y. etc.]. Longmans, Green and Co., 1898. xiv p., 1 l., 296 p., incl. front., ill.

NAL Call Number: 40.1 Sch7

Descriptors: angora goats, South Africa, South African Goat Breeders= Association, ostriches paper, ostrich reprint, Great Britain.

Crotch, George Robert. **A Revision of the Coleopterous Family Coccinellidae by George Robert Crotch.** London, [Great Britain]. E.W. Janson, 1874. xc, 311 p.

NAL Call Number: 427 C88R

Descriptors: coleopterous family, Coccinellidae, revision, ladybugs, insects, Great Britain.

Curtice, Cooper. **The Animal Parasites of Sheep by Cooper Curtice.** United States. Bureau of Animal Industry. Washington, [D.C.]. Govt. Print. Off., 1890. 222 p., xxxvi pl. (4 col.).

NAL Call Number: 1 An52C

Descriptors: sheep parasites.

Curtis, George Washington. **Horses, cattle, sheep and swine. Origin, history, improvement, description, characteristics, merits, objections, adaptability, etc., of each of the different breeds, with hints on selection, care, and management, including methods of practical breeders in the United States and Canada.** By Geo. W. Curtis. 2nd ed., rev. and enl. New York, [N.Y.]. The Rural Publishing Company, 1893. vii, [8]-343 p., ill.

NAL Call Number: 40 C94 Ed. 2

Descriptors: domestic animals, horses, cattle, sheep, swine, animal origin, animal history, improvement, description, animal breeds, animal breeders, animal care, United States, Canada.

Cuvier, Baron Georges. **The Animal Kingdom.** Cuvier, Georges Baron 1827-36. Vols. 14-15.

NAL Call Number: 422 C98

Descriptors: animal kingdom, animal history, zoology.

Cuvier, Baron Georges, et al. **Animal Kingdom, Arranged According to its Organization, Forming the Basis for a Natural History of Animals, and an Introduction to Comparative Anatomy.** Mammalia, Birds and Reptiles, by Edward Blyth. **The Fishes and Radiata**, by Robert Mudie. **The Molluscos Animals**, by George Johnston. **The Articulated Animals**, by J.O. Westwood. Illustrated by three hundred engravings on wood. London, [Great Britain]. W.S. Orr, 1840. vii, 670 p., ill.

NAL Call Number: 411 C98R

Descriptors: animal kingdom organization, animal history, natural history, comparative anatomy, mammalia, birds, reptiles, fish and radiata, molluscos animals, articulated animals.

Cuvier, Baron Georges, et al. **The Animal Kingdom, Arranged After its Organization, Forming a Natural History of Animals, and an Introduction to Comparative Anatomy.** By the late Baron Georges Cuvier. Note: Translated and adapted to the present state of science. **The Mammalia, Birds, and Reptiles**, by Edward Blyth. **The Fishes and Radiata**, by Robert Mudie. **The Molluscos Animals**, by George Johnston, M.D. **The Articulated Animals**, by J.O. Westwood, F.L.S. Note 2: This is a new edition, with additions by W.B. Carpenter and J.O. Westwood, F.L.S. Illustrated by three hundred engravings on wood and thirty-four on steel. Added title page, engraved. London, [Great Britain]. W.S. Orr and Co., 1849. vii, [2], 718 p. col. front., ill., plates.

NAL Call Number: 411 C98R 1849

Descriptors: animal kingdom, animal history, illustrations, 1849 edition, mammalia, birds, reptiles, fish, Radiata, molluscos animals, articulated animals, zoology.

Cuvier, Baron Georges, et al. **Regne animal. English. The animal kingdom of the Baron Cuvier illustrated after the original drawings of Audebert, Baraband, Cramer, d=Orbigny, Edwards, Geoffroy-St.-Hilaire, Gilpin, Huet, Marechal, Nitschmann, Oudart, Titian, R. Peale, Pretre, Redoute, Reinold, A. Rider, Savigny, Werner, A. Wilson, &c. &c.** This edition enlarged and adapted to the present state of zoological science. Edinburgh, [Great Britain]: Published for the proprietor, London, [Great Britain]: Smith, Elder, & Co., 1839-1840. 2 vols., colored plates. Note: Issued with: *Edinburgh Journal of Natural History and of the Physical Sciences*.

NAL Call Number: 410 Ed4

Descriptors: animal kingdom, illustrations, original drawings, natural history, colored plates.

Dallas, William Sweetland. **Elements of Entomology, an Outline of the Natural History and Classification of British**

Insects. By William Sweetland Dallas, F.L.S. Dallas. London, [Great Britain]. J. Van Voorst, [1857]. vi p., 1 l., 424 p., ill.

NAL Call Number: 422 D162

Descriptors: British insects, entomology, insects, natural history insects, classification insects.

Darwin, Charles. ***The Descent of Man, and Selections in Relation to Sex.*** 2nd edition, revised and augmented. New York, [NY]. Appleton, 1898. xvi, 688 p., ill. Note: First published 1875.

NAL Call Number: 443 D25D

Descriptors: descent of man, human evolution, sex selections.

Darwin, Charles. ***The Expression of the Emotions in Man and Animals by Charles Darwin ... with Photographs and Other Illustrations.*** New York, [NY]. D. Appleton and Company, 1873. Note: 1898. v p., 1 l., 374 p., ill., vii pl. (part fold.).

NAL Call Number: 446 D25

Descriptors: emotions in animals, emotions in man, expression of emotions, behaviors, illustrations.

Darwin, Charles. ***On the Origin of the Species by Means of Natural Selection.*** New edition, from the 6th English edition. 1 vol. 1878.

NAL Call Number: 443 D25O

Descriptors: origin of species, natural selection, animals, Charles Darwin 1809-1882.

Dickson, R.W. ***A Complete System of Improved Live Stock and Cattle Management: or, the Practical Guide to Gentlemen, Store-Masters, Farmers, and Other Keepers of Stock, in Perfecting the Breeds and Varieties of the Several Kinds of Live Stock ... with much other Useful and Important Information on Rural Practice and Economy, Illustrated by a Series of Fine Engravings.*** London, [Great Britain]. Printed for Thomas Kelly, 1824-1826. 2 vols., ill., col. plates.

NAL Call Number: 40 D563 1824

Descriptors: livestock breeding, cattle management, color illustrations, two volumes, 1800's.

Dickson, Walter B., Jane Webb Loudon and John Lawrence. ***Poultry. Their breeding, rearing, diseases, and general management. New edition, incorporating the treatise of Bonington Moubray. With corrections and large additions, by Mrs. Loudon.*** London, [Great Britain]. Bell and Daldy, [1853]. xii, 263 p., col. front., ill., plates, plans. *Bohn=s Illustrated Library.*

NAL Call Number: 47 D562

Descriptors: poultry, poultry breeding, poultry rearing, poultry diseases, poultry management.

Dingley, Pauline and Joseph R. Dobson. ***The Ox: His Diseases and their Treatment, with an Essay Parturition in the Cow.*** 2nd edition. London, [Great Britain]. Longmans, Green and Co. 1872. x p., 1 l., 302 p., ill., col. front.

NAL Call Number: 41 D652

Descriptors: ox, oxen diseases, treatment, cow parturition.

Donovan, Edward and John Obadiah Westwood. ***Natural History of the Insects of China, Containing Upwards of Two Hundred and Twenty Figures and Descriptions, by E. (Edward) Donovan. A New Edition Brought Down to the Present State of the Science, with Systematic Characters of Each Species, Synonyms, Indexes, and Other Additional Matter, by J.O. Westwood.*** London, [Great Britain]. H.G. Bohn, 1842. 3 p., 96 p., 50 col. pl. (incl. front.).

NAL Call Number: 422.6 D711 R

Descriptors: insects, China, natural history, insect species descriptions, species classification.

Doubleday, Edward, John Obadiah Westwood and William Chapman Hewitson. ***The Genera of Diurnal Lepidoptera: Comprising their Generic Characters.*** London, [Great Britain]. Longman, Brown, Green and Longmans, 1846-52. 2 vols., LXXX (i.e. 87) col. plates (incl. ill.).

NAL Call Number: 430 D74 R

Descriptors: diurnal Lepidoptera, butterflies, two volumes.

Du Hays, Charles. ***Le Cheval de Percheron. [The Percheron horse.]*** New York, [NY]. Judd, 1868. 100 p., ill. Note: Translated from the French of Charles Du Hays.

NAL Call Number: 42 D88

Descriptors: horses, Percheron horses, breed history, characteristics, uses.

Eaton, John Matthews and Moore, John. *A Treatise on the Art of Breeding and Managing Tame, Domesticated, and Fancy Pigeons: Carefully Compiled from the Best Authors, with Observations, Containing all that is Necessary to be Known of Tame, Domesticated, and Fancy Pigeons by John Matthews Eaton.* London, [Great Britain]. The author, 1852. xxii, [23]-88, vi, [7]-49, [1], vii, [1] p., ill. Note: **AA Treatise on the art of breeding and managing the almond tumbler.** By John Matthews Eaton@: vi, [7]-49, [1] p. **ANotes on a treatise on the art of breeding and managing the almond tumbler. By an old fancier [John Boys]@:** vii p. at end. Each of the first two parts has separate t.-p. **AColumbaritum: or, The Pigeon-House ...** By John Moore@: [ix]-xxii, [23]-88 p.

NAL Call Number: 47.2 Ea8T R

Descriptors: breeding pigeons, domesticated pigeons, 1852 edition, pigeon house, managing pigeons, almond tumbler pigeons.

Elliott, Daniel Giraud. *A Monograph of the Felioe [Felidae] or Family of Cats.* [London, Great Britain]. Pub. for the subscribers, by the author, 1883. xvi, [108] p., ill., XLIII col. pl.

NAL Call Number: 412 E15M Fo

Descriptors: cats, cat family, Felidae, habits, behaviors, breeds, life histories.

Erichson, Wilhelm F. and translated by George Busk, Alfred Tulk and Alexander H. Haliday. *Reports on Zoology for 1843, 1844.* The Ray Society. London, [Great Britain]. Printed for the Ray Society, 1847. viii, 596 p. Note: 1843: **Mammalia, Ornithology**, by A. Wagner. **Herpetology, Ichthyology** by F.H. Troschel. **Insecta**, by W.F. Erichson. **Arachnida, Crustacea, Entomostraca, Mollusca** by F.H. Troschel. 1844: **Mammalia, Birds** by A. Wagner. **Entomology**, by W.F. Erichson. **Mollusca**, by F. Troschel. **Helminthology, Worms, Zoophytes, and Protozoa**, by C.T. v. Siebold. **Reptilia, Ichthyology**, by F.H. Troschel 1861.

NAL Call Number: 411 R21R

Descriptors: zoology, mammals, birds, ornithology, herpetology, entomology, molluscs, helminthology, worms, zoophytes, protozoa, reptiles, ichthyology.

Everitt, Nicholas. *Ferrets, their Management in Health and Disease with Remarks on their Legal Status, by Nicholas Everitt ... with Forty-Two Illustrations by the Author and Others.* London, [Great Britain]. A. and C. Black, 1897. xv, 209 p., front., ill.

NAL Call Number: 40 Ev2

Descriptors: ferrets, laws, ferret management, health, diseases, care and husbandry.

Fernald, Charles Henry. **The butterflies of Maine: Designed for the use of the students in the Maine State College, and the farmers of the State [by] C.H. Fernald, A.M.** Orono, [ME], 1884. 106 p., ill. *Maine. University. Annual Reports* 1883. Note: Contains an appendix.

NAL Call Number: 430 F39Bu

Descriptors: butterflies, State of Maine, Lepidoptera native to Maine, field and study guide.

Field, George W., H.W. Marshall and J.A. Warren. **On the mortality of incubator chicks [by George W. Field, with the cooperation of H.W. Marshall and J.A. Warren].** Kingston, R.I.: Agricultural Experiment Station of the Rhode Island College of Agriculture and Mechanic Arts, 1899. p. [51]-60. *Bulletin. Agricultural Experiment Station of the Rhode Island College of Agriculture and Mechanic Arts*, no. 61.

NAL Call Number: 100 R34S (2) no. 61

Descriptors: incubator chicks mortality, causes, possible solutions.

Fitch, Asa and the New York State Agricultural Society. **Report on the noxious, beneficial and other insects, of the State of New York. Made to the State Agricultural Society, pursuant to an annual appropriation for this purpose from the Legislature of the State.** Albany, [NY]. Van Benthuyssen, 1855- v. Note: published also in the *Transactions of the New York State Agricultural Society*. Imprint varies. Other title: **Noxious, beneficial and other insects of the State of New York.**

NAL Call Number: 422 F55R

Descriptors: insects of New York State, noxious insects, poisonous insects, beneficial insects.

Fitch, Asa. **A Brief account of the most important injurious insects of the United States by Asa Fitch.** Albany, [NY]. L. Tucker, 1863. p. vi, 293-321, ill. Note: *From the Illustrated Annual Register of Rural Affairs*. Other title: **Injurious insects of the United States.**

NAL Call Number: 423 F55B

Descriptors: insects, injurious insects, animal pests, plant pests, United States.

Fitzherbert, John and Walter William Skeat. **The book of the husbandry by Master Fitzherbert, reprinted from the**

edition of 1534, and edited with an introduction, notes and glossarial index, by the Rev. Walter W. Skeat.
London, [Great Britain]. Pub. for the English Dialect Society by Trubner & Co., 1882. xxx p., 1 l., 167 p. *English Dialect Society. Publications.* no. 37.
NAL Call Number: 30 F57 R
Descriptors: animal husbandry, England.

Fleming, George. *Rabies and Hydrophobia: their History, Nature, Causes, Symptoms, and Prevention, by George Fleming.* London, [Great Britain]. Chapman and Hall, 1872. xiii, 405 p., col. front., ill.
NAL Call Number: 41 F62 R
Descriptors: animal disease, rabies, hydrophobia, history, causes, symptoms, hydrophobia, prevention.

Fletcher, James. *Recent Additions to the List of Injurious Insects of Canada.* Canada, Department of Agriculture, Ottawa, Canada. 1899.
NAL Call Number: 423 F63R
Descriptors: injurious insects, Canada.

Forbes, William Alexander and Beddard, F.E. ed. *The Collected Scientific Papers of the late William Alexander Forbes.* London, [England]. R.H. Porter, 1885. xiii p., 1 l., 496 p. front. (port.), ill., xxv pl. (part col.), diags. Note: In memoriam. Other author: Frank E. (Frank Evers) Beddard 1858-1925.
NAL Call Number: 444 F74
Descriptors: scientific papers, William Alexander Forbes 1855-1883, zoology.

Frank, Evers. *A text-book of zoogeography.* Cambridge, [England]. University Press, 1895. vii, 245 p., ill., 5 maps (incl. front.), diags. *Cambridge Biological Series.*
NAL Call Number: 411.2 B39T
Descriptors: text book, zoogeography, animal species and distribution.

Frauenfeld, Georg Ritter von. *Zoologische Miscellen. [Miscellaneous Zoology].* [Wien: 1869], von C. Ueberreuter. 12 p., ill.
NAL Call Number: QL45 F6 R
Descriptors: zoology, miscellaneous zoology, a variety of topics covered, animals, historical work.

Garrard, George. *A Description of the Different Varieties of Oxen, Common in the British Isles, Embellished with Engravings, Being an Accompaniment to a Set of Models of the Improved Breeds of Cattle Executed by George Garrard, Upon an Exact Scale from Nature, Under the Patronage of the Board of Agriculture.* [London?]. George Garrard. Published for the author by J. Smeeton, 1800. 1 vol. (various pagings): col. ill. Note: Spine title: *Garrard=s Prize Cattle.*
NAL Call Number: SF198.G3 R Fo
Descriptors: oxen varieties, Great Britain, illustrated work, models for improved cattle breeds, cattle, British Isles.

Glover, Townsend. *[Lepidoptera: Rough Notes].* Washington, D.C. 1869-[187?]. Glover, Townend. 2 vols.
NAL Call Number: 430 G51L
Descriptors: insects, Lepidoptera, butterflies, rough notes, Townsend Glover 1813-1883.

Glover, Townsend. *Vindication of the Entomological and Museum Divisions of the Department of Agriculture.* Washington, [D.C.]. 1822. 7 p. Note: He knew Charles Valentine Riley.
NAL Call Number: 422 G51V
Descriptors: insects, entomology, United States Department of Agriculture, Townend Glover 1813-1883, Charles Valentine Riley.

Goldsmith, Oliver. *A History of the Earth, and Animated Nature.* New edition. York, [England?]. Printed by and for T. Wilson and Son, 1808. 4 vols., plates.
NAL Call Number: 411 G57 R
Descriptors: zoology, animal science, history, physical geography.

Goldsmith, Oliver. *A History of the Earth and Animated Nature by Oliver Goldsmith. With Numerous Notes from the Works of the Most Distinguished British and Foreign Naturalists.* Glasgow [etc.], [England?]. Blackie and Son, 1853. 2 vols., fronts. (ports.), ill., plates (part col., 1 fold.), map, diags.
NAL Call Number: 411 G57 R
Descriptors: zoology, animal science, history, physical geography, England.

Goodrich, Samuel Griswold. *Johnson=s Natural History: Comprehensive, Scientific, and Popular, Illustrating and Describing the Animal Kingdom, with its Wonders and Curiosities, from Man, through All the Divisions, Classes, and Orders, to Animalculae in a Drop of Water: Showing the Habits, Structure, and Classification of Animals, with their Relation To Agriculture, Manufactures, Commerce, and the Arts.* New York, [N.Y.]. A.J. Johnson, 1870. 2 vols., ill. Note: First published in 1859, with title: *Illustrated Natural History of the Animal Kingdom*. Vol. 1 has added t.p.: *The Animal Kingdom Illustrated*.

NAL Call Number: QL45.G6 1870 R

Descriptors: natural history, animal kingdom, animal history, humans and animals, 1870 reprint of 1859 edition.

Gosse, Philip Henry. *Evenings at the Microscope, or Researches Among the Minuter Organs and Forms of Animal Life.* A new edition, revised and annotated. New York, [NY]. D. Appleton, 1883 [pref. 1859]. xii, 480 p., ill.

NAL Call Number: 440 G69E 1883

Descriptors: animal research, microscopy, medical microscopy, microscopic animal life, zoology 1758-1900.

Gould, John. *Icones Avium, or Figures and Descriptions of New and Interesting Species of Birds from Various Parts of the Globe.* London, Great Britain, [1837-38]. 18 l. 18 col. pl. (1 fold.). Note: [With his *The Birds of Australia*. London, 1837-38]. Note: Issued in two parts.

NAL Call Number: 413 G73 R

Descriptors: world birds, bird figures, new birds, new species birds, bird descriptions, two parts.

Gray, George Robert and the British Museum (Natural History.) Dept of Zoology. *List of the Specimens of Lepidopterous Insects in the Collection of the British Museum. Part I: Papilionidae.* London, [Great Britain]. Printed by order of the Museum Trustees, 1856. 106 p.

NAL Call Number: 430 G79L

Descriptors: insects, Lepidoptera, butterflies, moths, Papilionidae.

Gray, John Edward and George Robert Gray. *Catalogue of the Mammalia and Birds of New Guinea, in the Collection of the British Museum.* British Museum (Natural History). Dept. of Zoology. London, [Great Britain]. Printed by order of the Trustees, 1859. 2 p. 1., 63 p., incl. ill., tables.

NAL Call Number: 411 B774C

Descriptors: zoology, mammals, birds, New Guinea, British Museum (Natural History), catalog.

Gray, John Edward. **Spicilegia: or, original figures and short systematic descriptions of new and unfigured animals.** London, [Great Britain]. Treuttel, Wurtz and Co., [1828]-1924. 3 vols. in 2. xxxvii pl. (part col.). Note: Caption title, Part III has slip pasted on cover ... Gray=s *Spicilegia Zoologica*. Conclusion by O.E. Janson, R. Le B. Tomlin, F.A. Bather. London, Janson & Sons ... Paged continuously.

NAL Call Number: 411 G79S Fo

Descriptors: zoology, new animals, unfigured animals, original figures, descriptions, illustrated work.

Gray, John Edward. *The Zoological Miscellany.* London, [England]. Treuttel, Wurz, 1831-44. 6 pts. in 1 vol. (86 p.), [4] leaves of plates: 4 ill. (3 col.).

NAL Call Number: 411 G79Z

Descriptors: animals, zoology, John Edward Gray 1800-1875.

Gray, John Edward, John Gould and Sir John Richardson. *The Zoology of the Voyage of H.M.S. Sulphur: under Command of Captain Sir Edward Belcher during the Years 1836-42, Edited and Superintended by Richard Brinsley Hinds.* London, [Great Britain]: Smith, Elder, 1844. 2 vols.: ill. (some col.). Note: vol. 1: 150 p., 64 leaves of plates, vol. 2: 72, iv, [1] p., 20 leaves of plates. Plates of mammals, birds and mollusks colored (except 2 plates depicting mammal skulls), plates of fish uncolored. APublished under the authority of the Lords Commissioners of the Admiralty.@ Issued in 10 parts, 1843-1845. Vol. 1, *Mammalia* by J.E. Gray, *Birds* by J. Gould, *Fish* by J. Richardson. Vol. 2, *Mollusca* by R.B. Hinds.

NAL Call Number: 412 G79

Descriptors: H.M.S. Sulphur (ship) voyage 1836-1842, Sir Edward Belcher 1799-1877, zoology, Oceania, America, illustrated works, mammals, birds, mollusks, fish.

Gurney, J.H. Jr., Col. C. Russell, Elliott Coues and Olive Thorne Miller. *The House Sparrow: by an Ornithologist, J.H. Gurney, Junr., by a Friend of the Farmers, Colonel C. Russell, and the English Sparrow in America, by Dr. Elliott Coues.* London, [Great Britain]. W. Wesley and Son [pref. 1885]. vi p., 70 p. front., ill. Note: *A Ruffian in feathers*. By Olive Thorne Miller. p. [63]-70.

NAL Call Number: 413 G962

Descriptors: birds, sparrows, ornithology, house sparrow, English sparrow in America, intentional introduction of a non-native species.

Haldeman, Samuel Stehman. *Zoological Contributions*. Philadelphia, [PA]. Issued by the author [1842]-43. 3 no. pl., fold. map.

NAL Call Number: 424 H122

Descriptors: zoology, Hydrachnidae, insects, collection and preservation.

Harris, Joseph. *Harris on the Pig. Breeding, Rearing, Management, and Improvement*. New York, [NY]. Orange Judd and Company. [c1870]. 250 p., ill. (incl. plans). Note: 1882, 1889, 1896.

NAL Call Number: 46 H24P

Descriptors: pigs, breeding, rearing, management, improvement with breeding, housing.

Harris, Moses and John Obadiah Westwood. *The Aurelian: a Natural History of English Moths and Butterflies, Together with the Figures of their Transformation and of the Plants on which they Feed*. New edition. London, [Great Britain]. Bohn, 1840. 83 p.

NAL Call Number: 430 H24 1840

Descriptors: Aurelian, moths, butterflies, food plants, life cycles, Great Britain.

Hayes, John Lord. *Wool-growing in Montana Territory*. Hayes, John Lord. Cambridge, J. Wilson and Son, 1880. 22 p. Note: Republished from the *Bulletin of the National Association of Wool Manufacturers*.

NAL Call Number: 45 H32W

Descriptors: sheep, wool, Montana Territory, American history, managing sheep in the American West.

Heilprin, Angelo. *The geographical and geological distribution of animals*. New York, [N.Y.]. D. Appleton and Company, 1887. xii, 435 p. front. (map). *The International Scientific Series*, vol. LVII.

NAL Call Number: 411.2 H36H

Descriptors: geographical distribution of animals, geological distribution of animals, illustrated work, zoogeography, paleontology.

Henri, Beauregard. *Nos Betes. [Our Domestic Animals]*. Beauregard, Henri. Paris, [France]. Colin, 1896-97. 2 v. Note: In French.

NAL Call Number: 411 B383

Descriptors: economic zoology, livestock animals.

Henshaw, Samuel, E.P. Austin, G.R. Crotch, John Lawrence LeConte, Friederich Ernst Melsheimer and Charles Valentine Riley. *List of Coleoptera of America, North of Mexico*. Phil., American Entomological Society, 1885. 160 p. Note: Sup. 1, 2, 3. 1887, 1889, 1895.

NAL Call Number: 427 H39C

Descriptors: Coleoptera, beetles of North America, list of native species.

Herbert, Henry William, Bruce, Sanders Dewees, Bruce and Benjamin Gratz. *Frank Forester=s Horse and Horsemanship of the United States and British Provinces of North America. Edition: Rev., Cor., Enl., and Continued to 1871, by S.D. & B.G. Bruce. With Thirty Original Portraits of Celebrated Horses*. New York, [NY]. G.E. Woodward, 1871. 2 vols., ill., plates.

NAL Call Number: 42 H412H

Descriptors: horse, horsemanship, Frank Forester=s horse husbandry suggestions, famous horses of America, illustrated work with horse portraits, United States, Canada.

Herbert, Henry William. *Hints to Horse-Keeper: A Complete Manual for Horsemen ... and Chapters on Mules and Ponies by the Late Henry William Herbert*. New York, [N.Y.]. C.M. Saxton, Barker & Co., San Francisco: H.H. Bancroft & Co., 1860. 425, 6 p., 24 l. of plates, ill.

NAL Call Number: 42 H41H 1860

Descriptors: horse keepers manual, horses, mules, ponies, management, care, handling.

Herrick, C.L. *Types of Animal Life, Selected for Laboratory Use in Inland Districts. Part I. Arthropoda, by C.L. Herrick*. Minneapolis, Minn., L. Kimball & Co., 1883. 33 p., ill., 7 plates.

NAL Call Number: 422 H32

Descriptors: animal life, laboratory use, inland districts, Arthropoda, illustrated work.

Hiatt, James M. and National Norman Horse Association. *The National Register of Norman Horses: with a General History of the Horse-Kind and a Thorough History of the Norman Horse*. [Bloomington, Ill.]: National Norman Horse Association, 1881. vi, 283 p., ill.

NAL Call Number: 42.9 N212

Descriptors: Norman horses national register, horse breed history, illustrated work, Percheron horse, draft horses, National Norman Horse Association.

Hogg, James. *The Shepherd=s Guide: Being a Practical Treatise on the Diseases of Sheep, Their Causes, and the Best Means of Preventing Them: with Observations on the Most Suitable Farm-Stocking for the Various Climates of this Country*. Edinburgh, [Scotland]. Printed by J. Ballantyne for A. Constable, 1807. vi, 338 p.

NAL Call Number: 41 H677

Descriptors: farm animals, sheep diseases, disease prevention, disease causes, climate factors related to stocking levels, Scotland.

Holland, William Jacob. *The Butterfly Book, a Popular Guide to a Knowledge of Butterflies of North America, by W.J. Holland with 48 Plates in Color Photography, Reproductions of Butterflies in the Author=s Collection and Many Text Illustrations Presenting Most of the Species Found in the United States*. New York, [N.Y.]. Doubleday & McClure Co., 1898. 3 p. 1., v-xx, 382 p., ill., xlviii col. pl. (incl. front.). Edition 2.

NAL Call Number: 430 H71

Descriptors: butterflies indigenous to United States, species description and habitat, field guide.

Holmes-Pegler and Henry Stephen. *The Book of the Goat. Containing Full Particulars of the Various Breeds of Goats and Their Profitable Management*. 3rd edn., rewritten and greatly enl. London, [Great Britain]. L.U. Gill, 1886. xi, 222 p., col. front., ill., viii pl.

NAL Call Number: 40.1 P34

Descriptors: goats, goat breeds, goat management, animal welfare, Great Britain.

Hook, Bryan. *Milch Goats and their Management*. London, [Great Britain]. Vinton, 1896. 115 p., ill., plates.

NAL Call Number: 40.1 H76

Descriptors: milch goats, milking goats, management, care, husbandry, dairy animals, Great Britain.

Hope, Frederick William. **Descriptions of some new insects, collected in Assam by William Griffith**. [London, Great Britain. Linnean Society of London, 1841]. p. 435-447, [2] leaves of plates, col. ill. Note: Extract from: *Transactions of the Linnean Society of London*, vol. 18. First of a 2-part article continued on p. 587-600 of vol. 18 of the *Transactions*.

NAL Call Number: 422.6 H77

Descriptors: insects, new insects, species indigenous to India, Assam.

Hope, Frederick William. *On a New Arachnide*. [London, Great Britain], 1834. 1 vol.

NAL Call Number: 434 H77

Descriptors: insects, arachnids, new Arachnida, spiders, mites, ticks, Great Britain.

Horn, William Austin and Baldwin Spencer (ed.). *Report on the Work of the Horn Scientific Expedition to Central Australia*. London, [Great Britain]. Dulau, 1896. 4 vols., ill., maps. Note: I. *Introduction, Narrative, Summary of Results, Supplement to Zoological Report, Map*. II. *Zoology*. III. *Geology and Botany*. IV. *Anthropology*.

NAL Call Number: 128 H78

Descriptors: natural history, Australian aborigines, scientific expeditions, zoology, reports, Horn scientific expedition to Central Australia, William Austin Horn, 1841, Australia.

Houssay, Frederic Adolphe Celestin Arsene. *The Industries of Animals*. London, [Great Britain]. W. Scott, Ltd., New York, [NY]. Charles Scribner=s Sons. 1893. ix, 258 p., 44 ill.

NAL Call Number: 411 H81I

Descriptors: animal behaviors, animal habitations, life histories.

Howard, Leland Ossian. **Annotated catalogue of the insects collected in 1887-88**. United States National Museum. *Proceedings of the United States National Museum*, vol. 12. Note: Issued February 5, 1890. Scientific results of explorations by the U.S. Fish Commission steamer Albatross.

NAL Call Number: 422 H38A

Descriptors: insects, insects collected 1887-1888, scientific explorations results, steamer Albatross, Leland Ossian

Howard 1857-1950, United States National Museum.

Huidekoper, Rush Shippen. *Age of Domestic Animals: Being a Complete Treatise on the Dentition of the Horse, Ox, Sheep, Hog, and Dog, and on Various Other Means of Determining the Age of these Animals*. Philadelphia, [PA]. F.A. Davis, 1891. viii, 217 p., ill.

NAL Call Number: SF869.H9

Descriptors: domestic animals, age assessment, animal dentition for determining age, horse, ox, sheep, hog, dog.

Huidekoper, Rush Shippen. *The Cat, a Guide to the Classification and Varieties of Cats and a Short Treatise Upon their Care, Diseases, and Treatment*. New York, [NY]. D. Appleton and Company, 1895. xi, 148 p., front., ill.

NAL Call Number: 48 H87

Descriptors: cats, cat care guide, cat classification, cat varieties, cat diseases, disease prevention and treatment.

Huidekoper, Rush Shippen. *Opinions Concerning the Desirability of a Veterinary Corps in the United States Army*. [Washington, s.n. 1899]. 10 p.

NAL Call Number: 41 H87

Descriptors: Veterinary Corps United States Army, opinions, discussion and recommendations.

Humphreys, Henry Noel and John Obadiah Westwood. *The British Butterflies and Their Transformations Illustrated in a Series of Plates by H.N. Humphreys, Esq., with Characters and Descriptions by J.O. Westwood*. New edition rev. and corr. London, [Great Britain]. Edinburgh: W. & R. Chambers, 1860. xii, 137 p., 1 leaf, 42 col. plates.

NAL Call Number: 430 H88B

Descriptors: British butterflies, Lepidoptera, developmental stages, illustrated works.

Hunter, Samuel John. **Alfalfa, grasshoppers, bees: their relationship. A report of the field-work of the Department of Entomology, summer of 1898.** Topeka, Kans. Press of the state printer, 1899. xi, 152 p., incl. front., ill. *University of Kansas ... Contribution from Entomological Laboratory*, no. 65. Note: *Melanoplus differentialis*@: p. 62-63, **ABooks and journals relating to apiculture**@: p. 144, **AOne year among the bees.** By A.H. Duff@: p. 102-141.

NAL Call Number: 423 H91

Descriptors: alfalfa, grasshoppers, bees, relationship between plants and insects, field work report, summer 1898, 1899 edition, University of Kansas report.

Hutcheon, D. *Anthrax, Charbon, Milzbrand, or Meltziekte*. Cape Town, [So. Africa], Cape of Good Hope Dept. of Agriculture, 1894. 10 p.

NAL Call Number: 41 H97A

Descriptors: animal diseases, anthrax, charbon, milzbrand, meltziekte, South Africa, 1894.

Huth, Frederick Henry. *Works on Horses and Equitation: a Bibliographical Record of Hippology by F.H. Huth*. London, [Great Britain]. B. Quartich, 1887. x p., 1 leaf, 439, [1] p.

NAL Call Number: 241 H97

Descriptors: horses, equitation, hippology, equines, care training, husbandry.

Huxley, Thomas, H. *A Manual of the Anatomy of Invertebrated Animals. By Thomas H. Huxley*. New York, [N.Y.]. D. Appleton and Company, 1878. 596 p., ill.

NAL Call Number: 411 H98 1878

Descriptors: anatomy, invetebate animals, histology, illustrated work, historical text.

Huxley, Thomas Henry. *On the Origin of Species: or, The Causes of the Phenomena of Organic Nature. A Course of Six Lectures to Working Men by Thomas H. Huxley*. New York, [N.Y.]. D. Appleton, 1863. 150 p., ill.

NAL Call Number: 443 H99

Descriptors: history of science, evolution biology, species origin, six lectures, illustrations.

Huxley, Thomas Henry, Sir Michael Foster (ed.), Ray Lankester Edwin (ed.). *The Scientific Memoirs of Thomas Henry Huxley*. London, [England]. Macmillan, New York, [N.Y.]. D. Appleton, 1898-1902. 4 vols., ill., ports., 129 pl. (part fold.), 2 fold. maps, diags. Note: Reprints of papers contributed to scientific societies and periodicals arranged in chronological order with the name and date of the publication.

NAL Call Number: 442 H98

Descriptors: scientific memoirs, England, illustrated works, paleontology, ethnology, zoology, Thomas Henry Huxley 1825-1895.

Ingersoll, Ernest. *Knocking Round the Rockies*. New York, [N.Y.]. Harper & Bros., 1883. viii, 220 p., ill.

NAL Call Number: 125 In4

Descriptors: mountain animals, descriptions of animals seen, Rockies, illustrated works, Western States.

Janes, Thomas P. **A Manual on the hog. Prepared and pub. under the direction of Thomas P. Janes, Commissioner of Agriculture of the State of Georgia.** Georgia Dept. of Agriculture. Atlanta, Ga., J.P. Harrison & Co., State Printers and Binders, 1877. 100, iv p., ill. *Circular*, no. 40. June 15, 1877.

NAL Call Number: 46 G29

Descriptors: hogs, hog manual, care, housing, husbandry.

Jardine, Sir William. *The Naturalist=s Library, [edited by Sir William Jardine]*. Edinburgh, [Great Britain], Lizars, 1833-1844. 40 vols.

NAL Call Number: 411 J28A

Descriptors: natural history, birds, fish, insects, mammals.

Jardine, Sir William. *The Naturalist=s Library. Conducted by Sir William Jardine ... Mammalia*. Edinburgh, [Great Britain], W.H. Lizars, [etc.] 1833-42. 13 vols., front. (ports.), ill., pl. (part col).

NAL Call Number: 411 J28M

Descriptors: natural history, mammalia, Great Britain, mammals.

Jayne, Horace. *Mammalian Anatomy, a Preparation for Human and Comparative Anatomy, by Horace Jayne. Part I. The Skeleton of the Cat, its Muscular Attachments, Growth, and Variations Compared with the Skeleton of Man*. Philadelphia, [etc.]. J.B. Lippincott Company, 1898. xix, 816 p., ill.

NAL Call Number: 444 J33

Descriptors: mammal anatomy, human anatomy, comparative anatomy, cat skeleton compared to the human skeleton.

Jenyns, F.C. *A Book about Bees: Their History, Habits, and Instincts, Together with the First Principles of Modern Bee-Keeping for Young Readers by Rev. F.G. Jenyns ... with Introduction by the Baroness Burdett-Coutts, published at the request, and under the sanction, of the British Bee-Keepers Association*. London, [Great Britain]. W. Gardner, Darton, & Co., 1886. xxiv, 200 p., ill.

NAL Call Number: 424 J45

Descriptors: bees, bee history, habits, behaviors, instincts, modern bee keeping for young readers, British Bee-Keepers Association.

Jesse, Edward. *Anecdotes of dogs ... A new edition*. London, [Great Britain]. Bell & Daldy, 1873. iv p., 1 l., [ix]-xvi, 491 p., ill. *Bohn=s Illustrated Library*.

NAL Call Number: 48 J49

Descriptors: dogs, anecdotes, stories about how dogs behave, famous dogs.

Johnson, Willis Grant. **Report on the San Jose scale in Maryland, and remedies for its suppression and control**. College Park, [M.D.]. Maryland Agricultural Research Station, 1898. 116 p., [7] leaves of plates, ill., port. *Bulletin. Maryland Agricultural Experiment Station*, no. 57, 1843-1895.

NAL Call Number: 100 M36S no. 57

Descriptors: San Jose scale, report, entomology, insect pest control, suppression, portrait Charles Valentine Riley, 1843-1895, Maryland Agricultural Experiment Station, agricultural history.

Josselyn, John and Edward Tuckerman. *New-England=s Rarities Discovered: in Birds, Beasts, Fishes, Serpents, and Plants of that Country. By John Josselyn, Gent. with an Introduction and Notes by Edward Tuckerman, M.A.* Boston, [MA]. W. Veazie, 1865. viii, 169 p., ill. Note: Includes reproduction of t.p., of original edition, London, [Great Britain], 1672.

NAL Call Number: 411 J79N

Descriptors: New England rarities, birds, beasts, fishes, serpents, plants, illustrated works, John Josselyn fl. 1630-1675.

Jud, Balthasar F. *Our Household Friend, the Dog. Hydrophobia: its Primary Cause, with Rational Suggestions for Preventing its Spontaneous Origin, and Consequent Transmission*. New York, [NY]. The author, [c1877]. 41 p.

NAL Call Number: 48 J88

Descriptors: domestic dogs, dogs and rabies, animal disease, hydrophobia, origin, prevention, transmission.

Kelaart, Edward Frederic, George Gardner, Walter Elliot and Ed Blyth. ***Prodromus faunae zeylanicae, being contributions to the zoology of Ceylon.*** Ceylon. Printed for the author, 1852-. [vol. 1] 22CM. Appendix of vol. 1: A. Some general remarks on the flora of Ceylon, by George Gardner, F.L.S. B. Description of *Bos gaurus*, by Walter Elliot. C. Notes and description of some new or little known species of Ceylon birds, by Ed. Blyth ... from the *Journals of the Asiatic Society*. Mr. Blyth=s report on Ceylon mammals, birds, reptiles and fishes, March 1852. Letter ... To the Secretary of the Asiatic Society of Ceylon. Letter ... [to Edgar Layard] p. 54. **Catalogue of Ceylon birds.** By E.F. Kelaart and Edgar L. Layard ... (From the *Journal of the Ceylon Asiatic Society* for January 1853).
NAL Call Number: 411 K27

Descriptors: zoology, flora, new species, birds, mammals, reptiles, fishes, Ceylon, various authors' works.

King, William Ross. ***The Sportsman and Naturalist in Canada, or Notes on the Natural History of the Game, Game Birds, and Fish of that Country.*** London, [England], Hurst and Blackett, 1866. xv, [1], p., 3 l., [5]-334 p. col. front., ill., 5 col. pl.

NAL Call Number: 411.2 K58

Descriptors: natural history, zoology, game birds, sport fishes, species, habitats, Canada.

Kirby, William. **A Century of insects, including several new genera described from his cabinet by William Kirby.** [London, Great Britain: R. Taylor, 1818.] p. 375-453, [3] leaves of plates: ill. Note: Caption title: *Transactions of the Linnaean Society of London* (London, England): v.12 (1818).

NAL Call Number: 422 K632C

Descriptors: entomology, natural history, descriptions of genera, a century of insects, new genera described, historical work, Great Britain.

Kirby, William and William Spense. ***An Introduction to Entomology: or Elements of the Natural History of Insects: with Plates.*** 5th edition. London, [Great Britain], Longman, Hurst, Rees, Orme, and Brown, 1828. 4 vols., ill.

NAL Call Number: 422 K632I Ed. 5 R

Descriptors: entomology, natural history of insects, illustrated works, historical work.

Knobel, Edward. ***The Day Butterflies and Duskflyers of New England, How to Find and Know Them.*** Boston, [Mass.], B. Whidden, 1895. 40 p., ill.

NAL Call Number: 430 K75D

Descriptors: entomology identification, New England States, United States, day butterflies, dusk fliers, field guide, Lepidoptera, 1895 edition, illustrated works.

Lamarck, Jean Baptiste Pierre Antoine de Monet de. ***Système des animaux sans vertèbres, ou tableau général des classes, des ordres, et des genres de ces animaux, précédé du discours d'ouverture du cours de zoologie, donné dans le Muséum National d'Histoire Naturelle l'an 8 de la République.*** [System of Invertebrates, a Table of the General Classes, Orders and the Genra of these Animals. Proceeded by Views of the Course of Zoologie Given in the National Museum of Natural History in the 8th Year of the Republic.] Paris, [France]. Chez Deterville, 1801. viii, 432 p., tables (part fold.). Note: In French.

NAL Call Number: 411 L16S

Descriptors: invertebrate animals, zoology, invertebrates, natural history, taxonomic tables, National Museum of Natural History, France, Jean Pierre Antoine de Monet de Lamarck 1744-1829.

Languille, James Hibbert. ***Our Birds in Their Haunts: a Popular Treatise on the Birds of Eastern North America.*** New York, [NY], Orange Judd Co., 1892. 630 p., front., ill., plates.

NAL Call Number: 413 L26

Descriptors: birds, eastern North America, illustrated works.

Latreille, Pierre Andre. ***Familles naturelles du regne animal, exposees succinctement et dans un ordre analytique, avec l'indication de leurs genres.*** [Natural Families of the Animal Kingdom, Succinctly Shown and in an Analytical Order with the Genera Indicated]. Paris, [France]. J.B. Bailliere [etc.], 1825 3 p. l., 570 p. Note: In French.

NAL Call Number: 411 L35

Descriptors: animal kingdom, taxonomy, orders, genera, zoology, Pierre Andre Latreille 1762-1833.

Law, James. **Experiments with tuberculin on nontuberculous cows by James Law.** Law, James. Ithaca, [N.Y.] Cornell University, 1894. p. 660-676, ill. *Bulletin (Cornell University. Agricultural Experiment Station)*, 82.

NAL Call Number: 100 N48C (1) no. 82

Descriptors: cattle disease, tuberculin experiments, nontuberculous cows, *Mycobacterium*.

Law, James. *The Farmer=s Veterinary Advisor: a Guide to the Prevention and Treatment of Disease in Domestic Animals by James Law*. 2nd ed. Ithaca, [NY]. The author, 1877, c1876. 426 p., ill.

NAL Call Number: 41 L41F 1877

Descriptors: farmer=s veterinary advisor, veterinary guide, domestic animals, disease treatments and prevention.

Law, James. *The Farmer=s Veterinary Advisor: a Guide to the Prevention and Treatment of Disease in Domestic Animals by James Law*. 10th ed. Ithaca, [NY]. The author, 1892. viii, 1 l., 520 p., front., ill. Note: With this is bound, as issued, the author=s *The Lung Plague of Cattle*. Ithaca [1889].

NAL Call Number: 41 L41F 1892

Descriptors: veterinary guide, animal disease and prevention, treatment, cattle diseases, lung plague in cattle, farmer=s veterinary advisor.

Law, James. *Hereditary Entailments in Domestic Animals and in the Human Family*. Cambridge, [IL?]. Riverside Press, 1876. 18 p.

NAL Call Number: 41 L41H

Descriptors: hereditary entailments of animals and humans, hereditary characteristics and behaviors of domestic animals.

Law, James. *The Lung Plague of Cattle, Contagious Pleuro-Pneumonia*. Ithaca, [NY]. The author, 1879. 1 p. 1., 97 p., ill., plates.

NAL Call Number: 41 L41L

Descriptors: cattle disease, lung plague, contagious pleuro-pneumonia, description of the disease, prevention and treatment.

Law, James. *The More Important Diseases of Swine: Their Prevention and Treatment by James Law*. [s.l., s.n., 1896]. 27 p. Note: APresented at the meeting of the N.J. State Board of Agriculture, January 15th, 1896".

NAL Call Number: 41 L41

Descriptors: swine diseases, description of the disease, prevention and treatment.

Law, James and New York State Agricultural Society. *Rational and Irrational Treatment of Animals: Address Delivered Before the New York State Agricultural Society at Albany on Wednesday Evening, February 9th, 1870 by James Law*. Albany, [NY]. The Society, 1870. 25 p.

NAL Call Number: 41 L41R

Descriptors: animals treatment, animals rational treatment, irrational treatment, abuse, proper care and use.

Law, James. **Tuberculosis in relation to animal industry and public health by James Law**. Ithaca, N.Y. Cornell University, 1894. p. 106-157. *Bulletin (Cornell University. Agricultural Experiment Station)*, 65.

NAL Call Number: 100 N48C (1) no. 65

Descriptors: animals disease, tuberculosis related to animal industry, tuberculosis related to public health.

Lawrence, John. *General Treatise on Cattle, the Ox, the Sheep, and the Swine: Comprehending Their Breeding, Management, Improvement, and Diseases*. 2nd ed., with additions. London, [Great Britain]: Printed for Sherwood, Gilbert, and Piper, [1809?]. [14], 618 p.

NAL Call Number: 40 L43G Ed.2

Descriptors: cattle, livestock, ox, oxen, sheep, swine, animal husbandry, breeding, management, improvement, animal diseases.

Lawrence, John. *The Horse in All His Varieties and Uses, His Breeding, Rearing and Management with Rules for His Preservation from Disease*. Lawrence, John. London, [Great Britain], M. Arnold, 1829. xix, 315 p.

NAL Call Number: 42 L43H

Descriptors: horses, varieties, uses, husbandry, breeding, rearing, management, rules regarding disease prevention, Great Britain.

Lawrence, John. *Moubray on Breeding, Rearing and Fattening All Kinds of Poultry, Cows, Swine, and Other Domestic Animals*. 2nd American [edn.]. Boston, [Mass.], Joseph Breck, 1837. 278 p. Note: Adapted to the soil, climate and culture of the United States from the 6th London edition. Title varies.

NAL Call Number: SF487.L32 1837 R

Descriptors: livestock, poultry, cows, swine, domestic animals, animal husbandry, Moubray's approach on care of

domestic animals, rearing, fattening.

Lawrence, John. *A Practical Treatise on Breeding, Rearing, and Fattening All Kinds of Domestic Poultry, Pheasants, Pigeons, and Rabbits. Including an Interesting Account of the Egyptian Method of Hatching Eggs by Artificial Heat, with the Author=s Experiments thereon.* 4th edn. with additions. Lawrence, John. London, [Great Britain], Sherwood, Neely, and Jones, 1822. 312 p.

NAL Call Number: SF487.L32 1822 R

Descriptors: domestic poultry, breeding, rearing, fattening, pheasants, pigeons, rabbits, experiments, Egyptian method hatching eggs by artificial heat, practical advice.

Lawrence, John. *A Practical Treatise on Breeding, Rearing, and Fattening All Kinds of Domestic Poultry, Pheasants, Pigeons, and Rabbits. Also the Management of Swine, Milch Cows, and Bees, and Instructions for the Private Brewery.* 6th edn., with considerable additions. London, [Great Britain], Sherwood, Gilbert, and Piper, 1830. 368 p., ill.

NAL Call Number: SF487.L32 1830 R

Descriptors: domestic poultry, pheasants, pigeons, rabbits, breeding, rearing, fattening, management, swine, milch cows, dairy cows, bees, instructions for a private brewery.

Lawrence, John. *A Practical Treatise on Breeding, Rearing, and Fattening All Kinds of Domestic Poultry, Pheasants, Pigeons, and Rabbits. Also the Management of Swine, Milch Cows, and Bees, and Instructions for the Private Brewery, on Cider, Perry, and British Wine Making.* 7th edn., with considerable additions. London, [Great Britain], Sherwood, Gilbert and Piper, 1834. 467 p., ill. Note: Subtitle varies with 6th edn.

NAL Call Number: SF487.L32 1834 R

Descriptors: domestic poultry, pheasants, pigeons, rabbits, breeding, rearing, fattening, animal management, swine, milch cows, dairy cows, bees, instructions for a private brewery, cider, perry, British wine making, Great Britain.

Lawrence, John. *A Treatise on Domestic Poultry, Pigeons and Rabbits with a Practical Account of the Egyptian Method of Hatching Eggs by Artificial Heat, and All the Needful Particulars Relative to Breeding, Rearing, and Management.* London, [Great Britain], Sherwood, Neely and Jones, 1815. 218 p.

NAL Call Number: SF487.L32 R

Descriptors: domestic poultry, pigeons, rabbits, Egyptian method of hatching eggs by artificial heat, breeding, rearing, management, Great Britain.

Leech, John Henry. *Butterflies from China, Japan, and Korea.* London, [Great Britain]. R.H. Porter. 1892-1894. 4 vols., ill., plates: v. folded maps, and atlas (43 col. plates). Note: Issued in parts. American Entomological Society. vol. 1. *Nymphalidae and Lemoniidae.* vol. 2. *Lycoenidae, Papilionidae, and Hesperidae.*

NAL Call Number: 430 L51

Descriptors: butterflies, Far East, China, Japan, Korea, Nymphalidae, Lemoniidae, Lycoenidae, Papilionidae, Hesperidae.

Leidy, Joseph. *A flora and fauna within living animals.* [Washington, Smithsonian Institution, 1853]. 67 p., ill., x pl. (1 col.). *Smithsonian Contributions to Knowledge*, vol. V, part 2.

NAL Call Number: 438 L53

Descriptors: microflora in living animals, parasites of plants and animals, historical work.

Leonard, Arthur Glyn. *The Camel, its Uses and Management, by Major Arthur Glyn Leonard.* London, [Great Britain] and New York, [NY]. Longmans, Green and Co., 1894. vii, p., 1 l., 335 p.

NAL Call Number: 40 L55

Descriptors: camel, camel uses, camel management.

Lewis, Lowery Laymon. *Glanders, Texas Fever, Symptomatic Anthrax by L.L. Lewis.* Stillwater, Okla.: Oklahoma Agricultural Experiment Station, 1897. 18 p., map.

NAL Call Number: 100 Ok4 (1) no. 27

Descriptors: cattle, Texas fever, glanders, anthrax, babesiosis in cattle, cattle diseases.

Lewis, Meriwether, William Clark, Paul Allen, Elliott Coues and Thomas Jefferson. *History of the Expedition Under the Command of Lewis and Clark: to the Sources of the Missouri River, thence Across the Rocky Mountains and Down the Columbia River to the Pacific Ocean, Performed During the Years 1804-5-6, by Order of the Government of the United States. A New Edition Faithfully Reprinted from the Only Authorized Edition of 1814. With a New Biographical and Bibliographical Introduction, New Maps and Other Illustrations, and a Complete Index, by Elliott*

Coues ..., et al. New York, [N.Y.] F.P. Harper, 1893. 4 vols., ill., port., 8 maps (3 folded), 2 folded facsim. Note: paged continuously. New edition, 1893 edition, reprint of 1814 edition, New York, N.Y.

NAL Call Number: 125 L58 1893 Ed.

Descriptors: Lewis and Clark expedition history 1804, biographies introduction, bibliography introduction, illustrations, portrait, new maps, tables, Missouri River, Columbia River, Patrick Gass 1771-1870, four volumes, Meriwether Lewis 1774-1809, William Clark 1770-1838, Paul Allen 1775-1826, Elliott Coues 1842-1899, Thomas Jefferson 1743-1826.

Liautard, Alexander Francis (aka Alexandre Francois Augustin Liautard). *Animal Castration by A. Liautard*. New York, [NY]. W.R. Jenkins, 1884. [5], 148 p., ill.

NAL Call Number: 41 L61

Descriptors: animal castration, castration procedure, veterinary surgery, historical work.

Liautard, Alexander Francis (aka Alexandre Francois Augustin Liautard). *Lameness of Horses and Diseases of the Locomotory Apparatus*. 2nd ed. New York, [N.Y.]. William R. Jenkins, 1890. 313 p.

NAL Call Number: 42 L61

Descriptors: horse diseases, lameness, structural diseases and problems, descriptions, treatments.

Liautard, Alexander Francis (aka Alexandre Francois Augustin Liautard). *Manual of Operative Veterinary Surgery*. Liautard, Alexander Francis. New York, [N.Y.]. Sabiston & Murray, 1892. xvi, 786 p., ill.

NAL Call Number: 41 L61M

Descriptors: manual, veterinary surgery, 1892 edition, illustrations, Alexander Francis Liautard 1835-1918, Alexandre Francois Augustin Liautard.

Liautard, Alexander Francis (aka Alexandre Francois Augustin Liautard.) and Henri Marie Bouley. *Vade Mecum of Equine Anatomy: for the Use of Advanced Students and Veterinary Surgeons*. New York, [NY]. American Veterinary College, 1879. 197 p.

NAL Call Number: 444 L61

Descriptors: horse anatomy, equine anatomy, text book, advanced students and veterinary surgeons, manual, historical work in veterinary training.

Linne, Sir Charles and William Turton. *A General System of Nature, through the Three Grand Kingdoms of Animals, Vegetables, and Minerals. Translated from Gmelin, Fabricius, Wildenow, &c. ... with a Life of Linne and a Dictionary of the Terms of Natural History, by William Turton ... Linne, Carl von, et al.* London, [Great Britain.] Lackington, Allen and Co., 1806. 7 vols., front. (port.) 9 pl. Note: Translated from the 13th edition. Pages 5-6 and plate of vol. II wanting. (Original in Latin NAL Call Number: 411 L64S Ed. 10 R).

NAL Call Number: 411 L64

Descriptors: three kingdoms of animals, vegetables, and minerals, English translation of Latin edition, natural history, dictionary, 1806 edition, seven volumes, translation of 13th edition, Carl von Linne (Linnaeus) 1707-1778, Johann Friedrich Gmelin 1748-1804, Johann Christian Fabricius 1745-1808.

Long, James. *The Book of the Pig: its Selection, Breeding, Feeding, and Management by James Long. Illustrated by Harrison Weir, R.M. Wood, and other eminent artists*. London, [Great Britain]. L.U. Gill, 1886. viii, 360 p., plates, ill., plans (1 folded).

NAL Call Number: 46 L85B

Descriptors: pigs, pig breeding, feeding, management, plans, Great Britain.

Low, David. *Historique naturelle-agricole des animaux domestiques de l'Europe. [Natural Agricultural History of the Domestic Animals of Europe]*. Paris, [France], aux Bureau de Moniteur de la Propriete 1842-1846. 1 vol. (various pagings). Note: In French.

NAL Call Number: 40 L95

Descriptors: natural history, domestic animals Europe history, agricultural history, David Low 1786-1859.

Low, David. *On the Domesticated Animals of the British Islands: Comprehending the Natural and Economical History of Species and Varieties, the Description of the Properties of External Form, and Observations on the Principles and Practice of Breeding by David Low*. London, [England]. Longman, Brown, Green & Longmans, Boston, [Mass.]: Little, Brown, 1853. cxv, 767 p., [6] leaves of plates, ill. Note: Rewritten from earlier work, *The Breeds of Domestic Animals of the British Islands*, with additions.

NAL Call Number: SF53.L5 R

Descriptors: natural history, economic history, domestic animals, Great Britain, livestock, animal species, animal breeding, historical work, David Low 1786-1859.

Lugger, Otto. *An Illustrated Classification of Insects and Their Relationship to Agriculture*. [Delano, Minn. Printed at the Eagle Office, 1893.] 72, iv p., ill. Note: Lugger knew C.V. Riley.

NAL Call Number: 422 L962IL

Descriptors: classification of insects, insect pests, agricultural pests, illustrated work, Otto Lugger 1844-1901, Charles Valentine Riley 1843-1895.

Lugger, Otto. [The Orthoptera of Minnesota]: **third annual report of the Entomologist of the State Experiment Station of the University of Minnesota, to the Governor, for the Year 1897 by Otto Lugger**. St. Paul, [Minn.] McGill-Warner Co., 1898. 296 p., ill. Note: Also issued as *Minnesota, Agricultural Experiment Station. Bulletin*, 55 (NAL Call Number: 100 M66).

NAL Call Number: 423 M66 3d, 1897

Descriptors: orthoptera, insects, grasshoppers, crickets, third annual report, entomology, Minnesota, illustrated work.

Lydekker, Richard. **Wild oxen, sheep & goats of all lands, living and extinct, by R. Lydekker**. London, [Great Britain]. R. Ward, 1898. xiv p., 1 l., 318 p., 1 l. 61 ill., XXVII col. pl. *Game Mammals of the World*. Vol. 2. AThis edition consists of five hundred copies, numbered and signed, of which this is no. 254.@

NAL Call Number: 412.7 L98W

Descriptors: wild oxen, sheep, goats, bison, muskox, mountain sheep, game mammals, game birds, illustrated work, Richard Lydekker 1849-1915.

Markham, Gervase and G. Jeffries. *The Citizen & Countryman=s Experienced Farrier Together with a Valuable Collection of the Best [R]eceipts in the Known World for the Cure of All Maladies and Distempers Incident to Horses of What Kind soever, with Directions to Know the Ailment, or Disease by J. Markham, G. Jeffries and Experienced Indians*. Baltimore, [MD]. Printed and sold by S. Sower, 1803. 349 p. Note: Other title: *The Citizen and Countryman=s Experienced Farrier*.

NAL Call Number: 41 M344 1803 R

Descriptors: horses, farriers, horse diseases, cures, curing recipes, Indians methods of animal care, Gervase Markham 1568(?) -1637.

Martin, George Perkins. *The Camel, his Organization, Habits and Uses, Considered with Reference to His Introduction to the United States*. Boston, [MA], Gould and Lincoln. New York, [NY]. Sheldon, Blakeman & Co. [etc.], 1856. 1 p. l., [5]-224 p., ill.

NAL Call Number: 40 M35

Descriptors: camels, habits, uses, introduction to United States, historical review.

Martin, W.C.L. and William Youatt with William Raynbird and Hugh Raynbird (eds.). **Cattle: their breeds, management, & diseases, to which is added the dairy by W.C.L. Martin, revised and edited by William & Hugh Raynbird**. New ed. London, [Great Britain]. G. Routledge, 1858. vii, 212 p., ill. *Books for the Country*.

NAL Call Number: SF197.M37 1858

Descriptors: cattle, ox and dairy, cattle history, breeds, management, treatment, diseases, William Youatt 1776-1847, William Charles Linnaeus Martin 1789-1864.

Martin, William Charles Linnaeus and William Youatt. **Cattle: their management, treatment and diseases**. 3rd ed. London, [Great Britain]. George Routledge, 1854. [139]-272 p., ill. *Books for the Country*, 9. Note: Running title: **The Ox and the Dairy**. Note also: This edition published originally in 1852 as 2nd part of a series--*Cattle: their History and Various Breeds*. This work was published originally in 1834 by William Youatt, 1776-1847, under the auspices of the Society for the Diffusion of Useful Knowledge, with the title: *Cattle, their Breeds, Management and Diseases*.

NAL Call Number: 43 M36

Descriptors: cattle, ox and dairy cattle, history, breeds, management, treatment, diseases, illustrations, William Youatt 1776-1847.

Martin, William Charles Linnaeus. *Our Domestic Fowls*. London, [Great Britain]. The Religious Tract Society, [18--]. 192 p.

NAL Call Number: 47 M36

Descriptors: fowl, domestic animals, types and breeds of poultry, Great Britain, Religious Tract Society, William Charles Linnaeus Martin 1789-1864.

Martin, William Charles Linnaeus. *Sheep, our Domestic Breeds and Their Treatment*. London, [Great Britain]. Routledge, [1885]. 132 p.

NAL Call Number: 45 M36 1885

Descriptors: sheep, domestic animals, breeds, treatment, William Charles Linnaeus Martin 1789-1864.

Mason, Richard, Samuel Wyllys Pomeroy and J.S. Skinner. *The Gentleman=s New Pocket Farrier: Comprising a General Description of the Noble and Useful Animal, the Horse*. New edn. Philadelphia, [PA]. Claxton, 1873. 101 p.

NAL Call Number: 42 M38 1873

Descriptors: horses, pocket farrier, domestic animals, diseases, remedies, management, Richard Mason [1798(?)-1880(?)], Samuel Wyllys Pomeroy 1802-1882, John Stuart Skinner 1788-1851.

Mason, Richard and Samuel Wyllys Pomeroy. *The Gentleman=s New Pocket Farrier, Comprising a General Description of the Noble and Useful Animal, The Horse, Together with the Quickest and Simplest Mode of Fattening. Also, a Concise Account of the Diseases to Which the Horse is Subject, with such Remedies as Long Experience has Proved to be Effectual. 5th edn., with Additions. To which is Added a Prize Essay on Mules, [By Samuel Wyllys Pomeroy] and an Appendix, Containing Observations and Receipts for the Cure of Most of the Common Distempers Incident to Horses, Oxen, Cows, Calves, Sheep, Lambs, Swine, Dogs, etc. Selected from Different Authors. Also, an Adenda, Containing Annals of the Turf, American Stud Book, Rules for Training, Racing, etc.* Richmond, [VA]. Printed by P. Cottom, 1830. 388 p., front., ill., 4 pl.

NAL Call Number: 42 M38

Descriptors: horses, pocket farrier, horse fattening, feeding, diseases, disease remedies, mules, recipes, oxen, cows, calves, sheep, lambs, swine, dogs, domestic animals, *American Stud Book, Rules for Training, Rules for Racing*, 1830 edition, Richard Mason [1798(?)-1880(?)], Samuel Wyllys Pomeroy 1802-1882, historical work.

Mason, Richard, Samuel Wyllys Pomeroy and J.S. Skinner. *Mason=s Farrier and Stud-Book--New Ed. The Gentleman=s New Pocket Farrier: Comprising a General Description of the Noble and Useful Animal, the Horse, with Modes of Management in All Cases, and Treatment in Disease. By Richard Mason ... To which is Added, a Prize Essay on Mules, an Appendix, Containing Recipes for Diseases of Horses, Oxen, Cows, Calves, Sheep, Dogs, Swine, etc., etc., with Annals of the Turf, American Stud-Book, Rules for Training, Racing, etc. with Supplement: Comprising an Essay on Domestic Animals, especially the Horse, with Remarks on Treatment and Breeding, Together with Trotting and Racing Tables, Showing the Best Time on Record, at One, Two, Three, and Four Mile Heats, Pedigrees of Winning Horses, since 1839, and of the Most Celebrated Stallions and Mares, with Useful Calving and Lambing Tables, etc., etc.* Philadelphia, [PA]. J.B. Lippincott & Co., 1858. 415, 101 p., front., ill., plates. Note: Supplement has special t.p. and pagination. *Prize essay on the mule*, by Samuel Wyllys Pomeroy: p. 162-193.

NAL Call Number: 42 M38 1858

Descriptors: horses, pocket farrier, management, disease treatment, mules, remedies, oxen, cows, calves, sheep, dogs, swine, recipes, breeding, domestic animals, *American Stud Book, Rules for Training, Rules for Racing*, breeding, horse racing time records, pedigrees since 1839, calving and lambing tables, Richard Mason [1798(?)-1880(?)], Samuel Wyllys Pomeroy 1802-1882, John Stuart Skinner 1788-1851.

Maynard, Charles Johnson. *The Butterflies of New England, with Original Description of One Hundred and Six Species, Accompanied by Eight Lithographic Plates, in which are given at Least Two Hand-Colored Figures of Each Species*. Boston, Mass. Bradlee Whidden, 1886. iv, 65 [2] p.: viii col. pl. (incl. front.).

NAL Call Number: 430 M45 1886a

Descriptors: butterflies, New England, descriptions of species, morphology, habitats, illustrated volume.

McBride, J.A. *Prevention of Disease in the Ox and Sheep*. London, [Great Britain]. Longmans, Green, Reader & Dyer, [1868]. 28 p.

NAL Call Number: 40 M12

Descriptors: oxen diseases, sheep diseases, animal disease prevention, Great Britain.

McIvor, Clarence. *The History and Development of Sheep Farming from Antiquity to Modern Times*. Sydney, [Australia]. Tilghman & Barnett, 1893. xi, 488 p., [38] leaves of plates, ill. Note: In slip case. **Pt. 1. An account of its first introduction in civilised countries, and a statistical record up to date. Pt. 2. The great Merino stud flocks of Australia. Pt. 3. British long and short wool breeds.**

NAL Call Number: 45 M18H

Descriptors: sheep, sheep ranches, history of the development of sheep in Australia, first introduction, British breeds,

illustrations, statistical record, Merino studs, Australia.

Millais, Everett. **The theory and practice of rational breeding.** London, [Great Britain]. *Fanciers Gazette*, [1889]. xi, 97 p., ill.

NAL Call Number: 443 M61

Descriptors: dogs breeding, animal genetics, evolution, breeding approaches, Great Britain.

Mills, Wesley. **The Dog in Health and in Disease Including his Origin, History, Varieties, Breeding, Education, and General Management in Health, and his Treatment in Disease.** New York, [NY]. D. Appleton and Company, 1892. xvi, 407 p., front., ill., 38 plates.

NAL Call Number: 48 M62

Descriptors: dog health, dog diseases, dogs, origin, history, varieties, breeding, treatment, care, education, illustrated work, Wesley Mills 1847-1915.

Mills, Wesley. **The Nature and Development of Animal Intelligence.** New York, [NY]. Macmillan, 1898. 307 p.

NAL Call Number: BF671.M6

Descriptors: animal intelligence, evolution and development of intelligence.

Mills, Wesley. **A Text-Book of Animal Physiology, with Introductory Chapters on General Biology and a Full Treatment of Reproduction, for Students of Human and Comparative (Veterinary) Medicine and of General Biology, by Wesley Mills with over 500 illustrations.** New York, [NY], London, [Great Britain]. D. Appleton and Company, 1889. xxii, 700 p., ill., fold. col. pl.

NAL Call Number: 444 M62

Descriptors: animal physiology, general biology, reproduction, human and comparative veterinary medicine, color illustrations, 1889 edition, Wesley Mills 1847-1915.

Mivart, St. George Jackson. **The Cat: an Introduction to the Study of Backboned Animals, Especially Mammals by St. George Mivart, with 200 illustrations.** New York, [NY]. C. Scribner=s Sons, 1881. xxiii, 557 p., ill.

NAL Call Number: 444 M692

Descriptors: cats, backboned animals, mammals, introductory study, illustrated work, St. George Jackson Mivart 1827-1900.

Moore, John. **Columbarium, or, The Pigeon-House: Being an Introduction to a Natural History of Tame Pigeons, Giving an Account of the Several Species Known in England, with the Method of Breeding Them, Their Distempers and Cures.** London, [Great Britain]. Printed for J. Wilford, 1735, Philadelphia, [PA].: Reprinted by J.M. Wade, 1874. x, [11]-64 p., ill.

NAL Call Number: 47.2 M78

Descriptors: Columbarium, pigeon house, domesticated pigeons, tame pigeons, species, natural history, breeding, diseases, distempers, cures, England, John Moore d. 1737.

Moore, Veranus Alva and Fred Lucius Kilborne. **Outbreak of rabbit septicaemia, with observations on the nature of the disease and its specific organism.** New York, [NY]. Sabiston, Murray & Co., 1893. 16 p. Note: Reprinted from the *American Veterinary Review*, Sept., 1893.

NAL Call Number: 41 M78O

Descriptors: rabbit diseases, rabbit septicemia, disease outbreak, New York, observations on the disease, disease presentation, symptoms, pathobiology, specific organism.

Morris, Francis Orpen. **A History of British Butterflies by the Rev. F.O. Morris.** 5th edition, with seventy-two coloured plates. London, [Great Britain]. George Bell and Sons. 1870. viii, 159, 24 p.: 74 ill. (72 col.). Note: *Aphorismata Entomologica*.@

NAL Call Number: 430 M832 Ed. 5

Descriptors: Lepidoptera, British butterflies, description and where found, entomology, historical work, illustrated work.

Mosenthal, Julius de and James Edmund Harting. **Ostriches and Ostrich Farming.** New ed. London, [Great Britain]. Trubner & Co., 1879. xvii, [iv]-v, [v]-xxi, [1] p., 1 l., 246 p. Front., ill., plates. Note: AList of works and articles@: p.[v]-xv. Pt. I. **Ostriches**, by James Edmund Harting. Pt. II. **Ostrich farming**, by Julius de Mosenthal.

NAL Call Number: 47.4 M85O

Descriptors: ostriches, ostrich farming, 1879 edition, new edition, bibliography, Great Britain, illustrations, James Edmund Harting 1841-1928.

Murray, Alexander James. *Cattle and Their Diseases, by A.J. Murray with an Introduction on Breeding and Management of Cattle, Compiled mainly from the Writings of Hon. T.C. Jones, of Ohio.* Chicago, [IL]. J.H. Sanders Publishing Co., 1887. 270 p., front., ill.

NAL Call Number: 41 M96

Descriptors: cattle, cattle diseases, breeding, management.

Murray, Andrew. **On the Pediculi infesting the different races of man.** Edinburgh, [Great Britain]. Printed for the Royal Society of Edinburgh by Neill and Company, 1861. [2], 567-578 p., 2 plates, ill. Note: AFrom the *Transactions of the Royal Society of Edinburgh*, vol. XXII, part III."

NAL Call Number: 431 M96

Descriptors: human body parasites, lice, Pediculi parasitizing man, medical parasitology.

Neale, Arthur T. **Anthrax: a study of national and state legislation on this subject, [Arthur T. Neale].** Newark, Del. Delaware College Agricultural Experiment Station, 1898. 15 p. *Bulletin. Delaware College Agricultural Experiment Station*, no. 37.

NAL Call Number: 100 D37S (1) no. 37

Descriptors: animal disease study, anthrax law and legislation, United States, Delaware.

Nelson, Edward William, et al. **Report upon natural history collections made in Alaska between the years 1877 and 1881 by Edward W. Nelson, edit. by Henry W. Henshaw.** Washington, [D.C.]. Govt. Print. Off., 1887. 337 p., 21 pl. (12 col.). *Arctic Series of Publications Issued in Connection with the Signal Service, U.S. Army*, no. III. Note: Partial bibliography of Alaskan ornithology: p. 223-226. **Letter of transmittal**, by H.W. Henshaw. **Narrative**, by E.W. Nelson. "Pt. I. **Birds of Alaska, with partial bibliography of Alaskan ornithology**," by E.W. Nelson. Pt. II. "**Mammals of northern Alaska**," by E.W. Nelson and F.W. True. Pt. III. "**Field notes on Alaskan fishes**," by E.W. Nelson, with additional notes by T.H. Bean. Pt. IV. "**Insects. Report upon the diurnal Lepidoptera collected in Alaska by E.W. Nelson**," by W.H. Edwards.

NAL Call Number: 411 N332

Descriptors: report, Alaskan natural history collections, 1877-1881, illustrated works, zoology birds, Alaskan ornithology partial bibliography, mammals northern Alaska, fish, insects, diurnal Lepidoptera, Edward William Nelson 1855-1934, Henry Wetherbee Henshaw 1850-1930, Frederick William True 1858-1914, Tarleton Hoffman Bean 1846-1916, William Henry Edwards 1822-1909.

New South Wales Anthrax Board. **Anthrax (Cumberland) Disease in Sheep and Cattle. Test of Efficacy of Pasteur=s Vaccine of Anthrax as a Preventative against-- Report of Experiments at Junee, etc.** New South Wales, [Australia]. Anthrax Board. [Sydney, Australia], N.S.W. Anthrax Board, [1888]. 6 p.

NAL Call Number: 41 N47A

Descriptors: anthrax, anthrax (Cumberland) disease, sheep and cattle, efficacy of Pasteur=s vaccine, vaccinations, prevention of disease, report of experiments at Junee, Australia, New South Wales, Anthrax Board, Sydney, Australia.

New South Wales Anthrax Board. **Report on Experiments Demonstrating the Efficacy of Pasteur=s Vaccine, etc.** New South Wales, [Australia]. Anthrax Board. [Sydney, Australia], N.S.W. Anthrax Board, 1889. 37 p.

NAL Call Number: 41 N47

Descriptors: anthrax, anthrax (Cumberland) disease of sheep and cattle, test for efficacy of Pasteur=s vaccine, preventative measures, report of experiments at Junee, Australia, New South Wales, Anthrax Board, Sydney, Australia.

Newman, Edward. **An Illustrated Natural History of British Moths: with Life-Size Figures from Nature of Each Species, and of the More Striking Varieties: Also, Full Descriptions of Both the Perfect Insect and the Caterpillar, Together with the Dates of Appearance, and Localities where Found.** London, [Great Britain]. W. Tweedie, 1869. viii, 486 p., ill.

NAL Call Number: 430 N46B

Descriptors: natural history, British moths, species descriptions, illustrated work, moths and caterpillars, dates of appearance and localities, behaviors, Lepidoptera, Edward Newman 1801-1876.

Olliff, Arthur Sidney. **Australian Butterflies: a Brief Account of the Native Families, with a Chapter on Collecting & Preserving Insects.** Sydney, [Australia]: [Natural History Association of New South Wales], 1889. [7]-48, [1] p., ill.

NAL Call Number: 430 O24

Descriptors: Australian butterflies, Lepidoptera, zoology of insects, natural history of native butterflies, collecting insects, preserving insects, New South Wales.

Olliff, Arthur Sydney. *Report on a Visit to the Clarence River District for the Purpose of Ascertaining the Nature and Extent of Insect Svages in the Sugarcane Crops.* [Australia]. 1893.

NAL Call Number: 423 O14R

Descriptors: report from Clarence River District, insect damage of sugar cane crops, insect pests, Australia.

Ord, George. *A Memoir of Thomas Say.* 1834. 15 p. [It is assumed that Ord published it himself.]

NAL Call Number: 120 Sa9

Descriptors: memoir, Thomas Say 1781-1866, entomologist, a brief sketch.

Orr, S.C. and V.S. Orr. *The Farmer=s Ready Reference or Hand-Book of Diseases of Horses and Cattle: a Short and Plain Description of the Ordinary Diseases of Horses and Cattle, with Simple, Practical Rules for Their Care and Treatment.* Manhattan, Kansas. 1894. 159 p., port.

NAL Call Number: SF751.O8

Descriptors: farmer=s handbook, cattle diseases, horse diseases, animal care, treatment, illustrations, portraits.

Osborne, Henry Fairfield. *From the Greeks to Darwin: an outline of the development of the evolution idea.* 2nd ed. New York, [NY], London, [Great Britain]: Macmillan, 1896. x, 259 p. *Columbia University Biological Series I.* Note: Based upon lectures delivered at Princeton and Columbia Universities.

NAL Call Number: 443 Os1

Descriptors: evolution history, Greeks, Darwin, theories of evolution.

Owen, David Dale, Joseph Leidy, Joseph Granville Norwood, Charles Chistopher Parry, Henry Prattan, Benjamin Franklin Shumard, Charles Whittlesey Whittlesey. *Report of a Geological Survey of Wisconsin, Iowa, and Minnesota, and Incidentally of a Portion of Nebraska Territory. Made under Instructions from the United States Treasury Department by David Dale Owen, United States Geologist.* Philadelphia, [PA]. Lippincott, Grambo & Co., 1852. xxxviii, [39]-638 p., 1 leaf: ill. and atlas of plates, maps, and sections (partly folded). Note: Final report addressed to the Commissioner of the U.S. General Land Office. Atlas has title: **Illustrations to the Geological Report of Wisconsin, Iowa and Minnesota ...** Appendix. I. **Description of new and imperfectly known genera and species of organic remains**, by D.D. Owen. II. **Descriptions of one new genus and twenty-two new species of Crinoidea, from the subcarboniferous limestone of Iowa**, by D.D. Owen and B.F. Shumard. III. **Summary of the distribution of orders, genera, and species in the Northwest.** IV. **Additional chemical examinations**, by D.D. Owen. V. **Systematic catalogue of plants of Wisconsin and Minnesota**, by C.C. Parry. VI. **Systematic catalogue of the birds observed in northern Wisconsin and Minnesota**, by Henry Pratten. Note also: **Geological survey of Wisconsin, Iowa, and Minnesota** by D.D. Owen. **Geological report of a survey of portions of Wisconsin and Minnesota, made during the years 1847, >48, >49 and >50** .by J.G. Norwood. **Geological report of that portion of Wisconsin bordering on the south shore of Lake Superior, surveyed in the year 1849** by Charles Whittlesey. **Geological report of local, detailed observations, in the valleys of the Minnesota, Mississippi, and Wisconsin Rivers, made in the years 1848 and 1849** by B.F. Shumard. **Description of the remains of extinct mammalia and chelonia, from Nebraska Territory** by Joseph Leidy.

NAL Call Number: 407 Ow2 R

Descriptors: report, geological survey, Wisconsin, Iowa, and Minnesota, and a portion of Nebraska, plants, birds, fossils of extinct animals, organic remains.

Owen, Richard. *Paleontology or a Systematic Summary of Extinct Animals and Their Geological Relations.* 2nd edition. Edinburgh, [Great Britain]. A. and C. Black. 1861. xvi, 463 p., ill.

NAL Call Number: 402 Ow2P

Descriptors: extinct animals, geological relations, paleontology, natural history, systematic summary.

Packard, Alpheus Spring. *Report on the Rocky Mountain locust and other insects now injuring or likely to injure field and garden crops in the western states and territories.* Washington, [D.C.]. U.S. Print. Off., 1877. p. 589-813, ill., maps, plates. Note: At head of title: Dept. of the Interior. United States Geological Survey. Extracted from: *The Ninth Annual Report of the U.S. Geological Survey of the Territories for 1875.*

NAL Call Number: 423 P12R

Descriptors: report, insects, Rocky Mountain locust, crop injuring insects, United States, western states and territories, 1877 edition, illustrated work, maps, Department of the Interior. United States Geological Survey, Alpheus Spring Packard 1839-1905.

Paige, James Breckinridge. *History of tuberculosis in college herd; Use of tuberculin in diagnosis; Outbreak of bovine rabies; Poisoning of cattle by nitrate of soda.* Amherst, Mass. Hatch Experiment Station of the

Massachusetts Agricultural College, 1894. 42 p., 1 map. *Bulletin. Massachusetts Agricultural Experiment Station*, no. 27.

NAL Call Number: 100 M38H (1) no. 27

Descriptors: tuberculosis history, cattle, college herd, tuberculin use in tuberculosis diagnosis, bovine rabies, Chile saltpeter, cattle poisoning by nitrate of soda, Massachusetts.

Palladius, Rutilius Taurus Aemilianus and J.C. Schmitt. **Palladii Rvtilii Tavri Aemiliani viri illvstris opvs agricvltvrae ex recensione J.C. Schmitti.** [J.C. Schmitt=s edition of the agricultural works of the illustrious Palladius Rutilius Taurus Aemilianus. -eng.]. Lipsiae, [Leipsig, Germany]: in aedibvs B.G. Tevbneri, 1898. xiii, [1], 269, [1] p. *Biblioteca Scriptorvm Graecotvm et Romanorvm Tevbneriana*. [Library of Greek and Roman writers. eng. tr.].

NAL Call Number: 30.8 P17

Descriptors: ancient agriculture history, ancient agronomists, Greek and Roman writers, Rutilius Taurus Aemilianus Palladius ca. 64 A.D., J.C. Schmitt ca. 1898, Latin language, published in Germany.

Parker, William Kitchen. *On the Structure and Development of the Skull of the Common Frog (Nana temporavia L.)*. [London, Great Britain. 1871]. 137-211 p., 8 col. pl.

NAL Call Number: 444 P222R

Descriptors: zoology, frogs, frog skull, skeletal structure, skull development, common frog, *Nana temporavia L.*, color illustrations, William Kitchen Parker 1823-1890.

Parvin, Theophilus. *A Physician on Vivisection: Extracts from the Annual Address before the American Academy of Medicine, Washington, [D.C.], May 4, 1891*. Cambridge, [Mass.?] J. Wilson, 1895. 16 p.

NAL Call Number: 40 P25

Descriptors: vivisection, animal testing alternatives, annual address, American Academy of Medicine, Theophilus Parvin 1829-1898.

Pearson, Leonard and Benjamin Harry Warren. **Diseases and enemies of poultry.** [Harrisburg, PA. C.M. Busch, state printer, 1897]. 116, xxiv, 750 p., [21 leaves of plates: ill. (some col.)]. Note: Originally pub. as *Pennsylvania. Department of Agriculture. Bulletin* no. 17. Spine title, each pt. has special t.p. only. Pt. 1. **Diseases of poultry** by Leonard Pearson. Pt. 2. **Enemies of poultry** by B.H. Warren.

NAL Call Number: 47 P31

Descriptors: poultry, descriptions of common diseases, enemies, United States illustrated work, Leonard Pearson 1868-1909, B.H. (Benjamin Harry) Warren 1858-.

Phares, David Lewis. **Diseases of sheep and calves, Bitter weed.** Agricultural College, Miss. Mississippi Agricultural Experiment Station, 1889. 13 p., ill. *Bulletin. Mississippi Agricultural Experiment Station*, no. 9.

NAL Call Number: 100 M69 no. 9

Descriptors: sheep, calves, diseases, sneezerweed, bitter weed, toxic forage, effects.

Philanthropos. *Physiological Cruelty, or, Fact v. Fancy, an Inquiry into the Vivisection Question*. London, [Great Britain]. Tinsley Bros., 1883. 1 p.l., vi, 156 p.

NAL Call Number: 41 P53

Descriptors: vivisection, animal welfare, social issues regarding the use of animals in biomedical research.

Pietrement, Charles Alexandre. *Les Chevaux dans les temps prehistoriques et historiques, par C.A. Pietrement.* [*The Horse in Prehistoric and Historical Times*]. Paris, [France]. G. Bailliere, 1883. xx, 776 p. Note: Contains a chapter on the presence of the dog in America before the discovery by Europeans. Note: In French.

NAL Call Number: 42 P61

Descriptors: horses, prehistoric horses, prehistoric American dog breeds, prehistoric peoples, prehistoric animals, biblical animals, historic horses, Charles Alexandre Pietrement 1826-.

Randall, Henry Stephens. *Sheep Husbandry in the South: Comprising a Treatise on the Acclimation of Sheep in the Southern States, and an Account of the Different Breeds. Also, A Complete Manual of Breeding, Summer and Winter Management, and of the Treatment of Diseases. In a series of letters from Henry S. Randall to R.F.W. Allston.* Philadelphia, [PA.]. J.S. Skinner & Son, 1848. 320 p., ill.

NAL Call Number: 45 R15Sh

Descriptors: sheep husbandry, southern states, acclimation of sheep to warm climates, account of different breeds, breeding manual, summer management, winter management, treatment of diseases, letters from Henry S. Randall to R.F.W. Allston, illustrated work, Henry Stephens Randall 1811-1876.

Ray, John and Edwin Lankester (ed.). *Correspondence of ... Ray*. 1848. 1 vol.

NAL Call Number: 120 R21

Descriptors: correspondence, John Ray 1627-1705, one volume, biographical information, naturalist.

Reasor, James A. *A Treatise on the Hog: His Habits, Breeds, Management, and Diseases. With Especial Reference to the Disease Called Hog Cholera. Together with a Chapter on Trichina*. Louisville, Ky., Printed by J.P. Morgan and Company, 1870. 312 p., front. (port.), ill.

NAL Call Number: 46 R23

Descriptors: hogs, treatise, swine, habits, behaviors, various breeds, management, housing, swine diseases, hog cholera, trichinosis, historical works.

Rennie, James and John George Wood. *Insect Architecture, by James Rennie, new ed., much enl., by the Rev. J.G. Wood ... With nearly two hundred illustrations*. London, [Great Britain]. G. Bell & Sons. 1869. xv, 439 p., ill.

NAL Call Number: 422 R29I

Descriptors: insects, insect architecture, insect designs and structure, animal behavior, entomology, illustrated works, Great Britain, James Rennie 1787-1867, John George Wood 1827-1889.

Rennie, James. **Insect miscellanies**. London, [England] C. Knight, Edinburgh, [England] Oliver and Boyd, [etc.] 1831. xii, 414 p., ill. *Library of Entertaining Knowledge* [published under the superintendence of the Society for the Diffusion of Useful Knowledge.]

NAL Call Number: 422 R29In

Descriptors: insects, entomology, illustrated works, England, James Rennie 1787-1867.

Rennie, James and John Obadiah Westwood. *The Natural History of Insects*. London, [England]. J. Murray, 1829-1835. 2 vols., ill.

NAL Call Number: 422 R29

Descriptors: insects, natural history, behaviors, structure, habitats, zoology, entomology, James Rennie 1787-1867, J.O. (John Obadiah) Westwood 1805-1893.

Richardson, H.D. **The hog, his origin and varieties, management with a view to profit, and treatment under disease, also, plain directions relative to the most approved modes of curing and preserving his flesh**. New York, [NY]. C.M. Saxton, 1852. 64 p., ill. *Saxton=s Rural Hand-Books*.

NAL Call Number: 46 R39

Descriptors: hogs, origin of domestic breeds, varieties, management for profit, disease treatment, directions for curing and preserving hog meat, illustrations, H.D. Richard.

Richardson, H.D. and W. Oldham. *The Pests of the Farm, with Instructions for Their Extirpation: Being a Manual of Plain Directions for the Certain Destruction of Every Description of Vermin by H.D. Richardson, with Numerous Illustrations on Wood by W. Oldham*. Dublin, [Ireland]. J. McGlashan, 1847. 108 p., ill.

NAL Call Number: 411 R39P

Descriptors: agricultural pests, vermin control, economic zoology, instructions for pest destruction, historical work, woodcut illustrations, Great Britain.

Richardson, Sir John, William Kirby and William Swainson. *Fauna Boreali-Americana, or, The Zoology of the Northern Parts of British America: Containing Descriptions of the Objects of Natural History Collected on the Late Northern Land Expedition, Under Command of Captain Sir John Franklin, by [Sir] John Richardson assisted by William Swainson and William Kirby*. Published under the authority of the Right Honourable Secretary of State for Colonial Affairs. London, [Great Britain] J. Murray [etc.], 1829-37. 4 vols., ill., 110 pl. (72 col.). Note: Title varies. Imprint of vol. 3: London, R. Bentley, vol. 4: Norwich, J. Fletcher, and sold in London by Longman, Orme, Brown, Green, and Longmans. Vol. 4 was also issued with a special title: *Entomologia Boreali Americana*. By William Kirby, Norwich, 1837.

NAL Call Number: 411.2 R39

Descriptors: fauna of northern North America, British America, natural history of fauna collected on northern land expedition, Sir John Richardson 1787-1865, color illustrated works, William Kirby 1759-1850, William Swainson 1789-1855, expedition captain Sir John Franklin.

Richardson, Sir John and Edward Forbes (ed.). *The Zoology of the Voyage of H.M.S. Herald: Under the Command of Captain Henry Kellet, During the Years 1845-51 ed. by Edward Forbes, Fossil mammals by Sir John Richardson*. London, [Great Britain]. Reeve, 1852. vi, 100 p., 15 [i.e. 30] leaves of plates, ill. Note: Errata: p. 100.

NAL Call Number: 402 R39F

Descriptors: zoology, voyage of the H.M.S. Herald, 1845-1851, Captain Henry Kellet, Sir John Richardson 1787-1865, fossil mammals, illustrated work.

Ridgeway, Robert, and S.A. Forbes. **The ornithology of Illinois. Part I. Descriptive catalogue by Robert Ridgeway. Part II. Economic ornithology by S.A. Forbes.** Pub. by the authority of the state Legislature. Springfield, Ill. H.W. Rokker, Printer, 1889-95. 2 vols., front. (v. 1.) 65 pl. *Natural History Survey of Illinois. State Laboratory of Natural History*, vol. I, vol. II, pt. I. Note: Bibliography: vol. I, p. 336-42, vol. II, **Economic ornithology**, by S.A. Forbes, not published.

NAL Call Number: 413 I16

Descriptors: birds, ornithology, Illinois, economic ornithology.

Ridgeway, William. **A Manual of North American Birds by Robert Ridgeway. Illustrated by 464 outline drawings of the generic characters.** 2nd edition. Robert Ridgeway Philadelphia, PA, J.B. Lippincott Company, 1896. xiii, 653 p., front. (port.), 74 pl.

NAL Call Number: 413 R43M

Descriptors: manual, North American birds, illustrated work.

Riley, Charles Valentine. **Destructive locusts: a popular consideration of a few of the more injurious locusts (or Agrasshoppers@) of the United States, together with the best means of destroying them, by C.V. Riley.** Washington, D.C. U.S. Dept. of Agriculture, Division of Entomology, 1891. 62 p., 12 leaves of plates, ill. *Bulletin. U.S. Dept. of Agriculture. Division of Entomology*, no. 25.

NAL Call Number: 1 En82B no. 25

Descriptors: locusts, grasshoppers, control of agricultural pests, United States, C.V. (Charles Valentine) Riley 1843-1895.

Riley, Charles Valentine. **Entomological Papers.** [Salem, 1879]. [3]-23 p., fold. map.

NAL Call Number: 422 R45E

Descriptors: entomology papers, insects, U.S. Department of Agriculture entomologist, Charles Valentine Riley 1843-1895.

Riley, Charles Valentine. **General Truths in Applied Entomology.** Charles Valentine Riley. 1884.

NAL Call Number: 423 R45G

Descriptors: entomology, insects, insect control possibilities, agricultural pests, human pests, applied entomology, Charles Valentine Riley, 1843-1895.

Riley, Charles Valentine. **Hackberry Butterflies.** 1873. Riley, Charles V. 1 vol. U.S. Department of Agriculture, Bureau of Entomology, [Washington, DC]. Note: Reprint December 10, 1873.

NAL Call Number: 430 R45H

Descriptors: insects, natural history, Lepidoptera, butterflies, Hackberry butterflies, description, habits, habitat, Charles Valentine Riley 1843-1895.

Riley, Charles Valentine. **How to Destroy Insects that are Injurious to Agriculture.** Charles Valentine Riley. 1884.

NAL Call Number: 423 R45H

Descriptors: insect destruction, injurious insects to agriculture, pest control strategies, entomology, Charles Valentine Riley, 1843-1895.

Riley, Charles Valentine. **The Locust Plague in the United States: Being more Particularly a Treatise on the Rocky Mountain Locust or So-Called Grasshopper, as it Occurs East of the Rocky Mountains: with Practical Recommendations for its Destruction.** Rand, McNally & Co., Chicago 1877. 236 p.

NAL Call Number: 429 R45Loc

Descriptors: insects, locust plague, United States, Rocky Mountain locust, grasshopper, locust destruction, insect pest control, U.S. Department of Agriculture entomologist, Charles Valentine Riley 1843-1895.

Riley, Charles Valentine. **Natural History of Insects.** [1858?]. 40, [28] p., ill. (some col.). Note: Biographical sketch is in pocket.

NAL Call Number: QL462.5.R54 R

Descriptors: insects, natural history, illustrated work, Charles Valentine Riley 1843-1895.

Riley, Charles Valentine. **Poisonous insects.** New York, [NY]. William Wood & Company, 1887. p. 741-760, ill.

Note: [Extracted from the *Reference Handbook of the Medical Sciences*. Vol. 5, 1887]. American Entomological Society.

NAL Call Number: 422 R45P

Descriptors: poisonous insects, Arthropoda, poisonous, illustrated work, Charles Valentine Riley 1843-1895.

Riley, Charles Valentine. *Remarks on the Insect Defoliators of our Shade Trees*. Charles Valentine Riley. [1887]

NAL Call Number: 423 R45 R

Descriptors: insects, shade trees, insect defoliators, entomology, rare book, Charles Valentine Riley 1843-1895.

Riley, Charles Valentine. *Social Insects from Physical and Evolutional Points of View*. Charles Valentine Riley. Washington, D.C., 1894. 74 p., ill.

NAL Call Number: 422 R45Si

Descriptors: insects, entomology, social insects, physical aspects, evolutionary aspects, illustrated works, Charles Valentine Riley 1843-1895.

Ross, Alexander Milton. *The Butterflies and Moths of Canada, with Descriptions of Their Color, Size, and Habits, and the Food and Metamorphosis of Their Larvae*. Toronto, [Canada], Roswell, 1873. xvi, 93 p., ill.

NAL Call Number: 430 R75

Descriptors: Lepidoptera, butterflies, moths, color, size, habits, food, metamorphosis of larvae, Canada, illustrated work, Alexander Milton Ross 1832-1897.

Royale, John, Forbes, Frederick William Hope, John Obadiah Westwood and William Ogilby. *Illustrations of the Botany and Other Branches of the Natural History of the Himalayan Mountains, and of the Flora of Cashmere*. London, [Great Britain]. W.H. Allen and Co., 1839. viii, [8], [v]-xxxvi, xxix*-xxxvi*, xxxvii-lxxviii, [2], 472 p. incl. front. (plan) and atlas (3 p. l., front., 100 pl. (part col.). Note: **On the entomology of the Himalayas and of India**, by the Rev. F.W. Hope: p. [xxxvii]-lii; **Descriptions of insects figured in plates 9 and 10**, by J.O. Westwood, p. liii-lv; **Memoir on the mammalogy of the Himalayas**, by Wm. Ogilby, p. [lvi]-lxxiv.

NAL Call Number: 460.12 R815 Fo R

Descriptors: illustrated work, botany, natural history, color illustrations, entomology, mammalogy, Himalayas, India, Frederick William Hope 1797-1892, John Obadiah Westwood 1805-1893, William Ogilby b. ca. 1713, John Forbes Royale 1799?-1858.

Salmon, Daniel Elmer, Emil Alexander De Schweinitz and Veranus Alva Moore. **Cornstalk disease and rabies in cattle, investigations conducted under the direction of D.E. Salmon**. Washington, D.C. U.S. Dept. of Agriculture, Bureau of Animal Industry, 1896. 92 p., 2 leaves of plates, ill. *Bulletin. U.S. Department, Bureau of Animal Industry*, 10. Note: Contains: **An investigation into the nature, cause, and means of preventing the cornstalk disease (*Toxaemia maidis*) of cattle**, by Veranus A. Moore. **A disease of cattle not distinguishable from rabies**, by Veranus A. Moore. **Chemical examination of cornstalks presumably the cause of cornstalk disease in cattle**, by E.A. De Schweinitz.

NAL Call Number: 1 An5B no. 10

Descriptors: cornstalk disease, toxicity based disease, rabies in cattle, investigations, U.S. Bureau of Animal Industry, causes and prevention, *Toxaemia maidis* of cattle, chemical examination of cornstalks.

Salmon, Daniel Elmer. **Diseases and abuses of animals in the United States**. [Philadelphia, Pa.? s.n. 1898]. 15 p. Note: Paper prepared for the Washington meeting of the American Humane Society. Reprinted from *Philadelphia Medical Journal*, Dec. 10, 1898.

NAL Call Number: 41 Sa3D

Descriptors: animal diseases, abuses of animals.

Salmon, Daniel Elmer. *The Federal Meat Inspection*. 1895. 1 vol.

NAL Call Number: 50 Sa3

Descriptors: federal meat inspection program, United States, history, activities.

Salmon, Daniel Elmer. **Hog cholera and swine plague**. Washington, [D.C.]. U.S. Dept. of Agriculture, 1894. 16 p. *Farmers' Bulletin. United States Department of Agriculture*, no. 24.

NAL Call Number: 1 Ag84F no. 24

Descriptors: two swine diseases, swine plague, hog cholera, symptoms, cause, prevention, Daniel Elmer Salmon 1850-1914.

Salmon, Daniel Elmer, Albert Hassall and Charles Wardell Stiles. **The Inspection of meats for animal parasites**

prepared under the direction of D.E. Salmon. Washington, D.C. United States, Dept. of Agriculture, Bureau of Animal Industry, 1898. 161 p., ill. *Bulletin*, no. 19. Note: AIssued February 8, 1898.@ Includes index. Note: I. **The flukes and tapeworms of cattle, sheep, and swine, with special reference to the inspection of meats**, Charles Wardell Stiles. II. **Compendium of parasites, arranged according to their hosts**, Albert Hassall. III. **Bibliography of the more important works cited**, Albert Hassall.

NAL Call Number: 1 An5B no. 19

Descriptors: meat inspection, animal parasites, USDA Bureau of Animal Industry, flukes and tapeworms of cattle, sheep, and swine, compendium, parasites arranged by hosts.

Salmon, Daniel Elmer. **The Recent review of swine disease literature.** [s.l., s.n., 1890?]. 16 p. Note: Reprinted from the *Journal of Comparative Medicine and Veterinary Archives*, January, 1890.

NAL Call Number: 41 Sa3S

Descriptors: swine disease literature review, diseases affecting swine in the United States, symptoms, preventions.

Salmon, Daniel Elmer. **Report on the Beef Supply of the U.S. and Export Trade in Animals and Meat Products.** [s.l.] 1890. 1 vol.

NAL Call Number: 1 An52B

Descriptors: beef supply, report, export trade in animals, export trade in meat products.

Salmon, Daniel Elmer, Ezra Ayers Carman and Hubert A. Heath. **Special Report on the History and Present Condition of the Sheep Industry of the United States.** Prepared under the direction of Dr. D.E. Salmon, Chief of the Bureau of Animal Industry, by Ezra A. Carman, H.A. Heath, and John Minto. Published by the authority of the Secretary of Agriculture. Washington, [D.C.]. Govt. Print. Off., 1892. 1000 p., xcvi pl.

NAL Call Number: 1 An52Ca

Descriptors: sheep industry, United States, history and conditions, U.S. Bureau of Animal Industry, U.S. Department of Agriculture, Dr. Daniel Elmer Salmon 1850-1914, Ezra Ayers Carman 1834-1914, Hubert A. Heath 1857-, John Minto 1822-1915.

Salmon, Daniel Elmer. **Texas cattle fever, etc.** [s.l., s.n., 1884]. 15 p. Note: Caption title. Read before the American Public Health Assoc. of its annual meeting at Detroit, November 14, 1883. Reprint from *Third Animal Report of the State Board of Health of West Virginia, 1884*.

NAL Call Number: 41 Sa3T

Descriptors: Texas cattle fever, babesiosis, State Board of Health of West Virginia.

Say, Thomas, LeConte (ed.), John Lawrence and Geroge Ord. **The Complete Writings of Thomas Say on the Entomology of North America, Edited by John Le Conte, with a Memoir of the Author by George Ord.** Philadelphia, [PA], A.E. Foote, 1891. 2 vols., ill.

NAL Call Number: 422.1 Sa9 1891

Descriptors: insects, entomology, North America, writing of Thomas Say.

Scudder, Samuel Hubbard, William Morris Davis, Leland Ossian Howard, Charles Valentine Riley, Samuel Wendell Williston and Charles William Woodworth. **The Butterflies of the Eastern United States and Canada: with Special Reference to New England by Samuel Hubbard Scudder and Others.** Cambridge, [Mass.?]. Publisher: The author. 1889. 3 vols., ill.: ports., plates (part col.), maps (pt. folded). Note: Paged continuously. Issued in 12 parts, November 1888-October 1889.

NAL Call Number: 430 Scu2

Descriptors: Lepidoptera insects, butterflies, Eastern United States, Canada, New England, illustrated work, historical work, Samuel Hubbard Scudder 1837-1911, William Morris Davis 1850-1934, Leland Ossian Howard 1857-1950, Charles Valentine Riley 1843-1895, Samuel Wendell Williston 1851-1918, Charles William Woodworth 1865-1940.

Scudder, Samuel Hubbard. **Catalogue of the Orthoptera of North America described previous to 1867. Prepared for the Smithsonian Institution, by Samuel H. Scudder.** Washington, [D.C.]. Smithsonian Institution, 1868. xx, 89 p. *Smithsonian Miscellaneous Collections*, v. 8, art. 2. Note: Authorities: p. [v.]-xx. Publication 189. American Entomological Society.

NAL Call Number: 429 Scu2Ca

Descriptors: North American Orthoptera before 1869, locusts, entomology catalog.

Seton, Ernest Thompson. **Studies in the Art Anatomy of Animals: Being a Brief Analysis of the Visible Forms of the more Familiar Mammals and Birds: Designed for the Use of Sculptors, Painters, Illustrators, Naturalists, and Taxidermists, by Ernest E. Seton Thompson [sic], Illustrated with One Hundred Drawings by the Author.** London,

[Great Britain]. Macmillan and Co., Ltd., 1896. xii, 96 p., ill.

NAL Call Number: 444 T37 R Fo

Descriptors: animals in art, artistic anatomy, analysis, mammals, birds, anatomy for sculptors, painters, resource for illustrators, naturalists, and taxidermists, illustrated work, Ernest Thompson Seton 1860-1946.

Shaw, Thomas. *The Study of Breeds: a Series of Lectures on the Breeds of Live Stock by Thos. Shaw.* St. Paul, Minn., Webb Publishing Company, 1897. 136 p.

NAL Call Number: SF105.S56

Descriptors: domestic livestock breeds, lectures, Thomas Shaw 1843-1918.

Sidney, Samuel. *The Pig. By Samuel Sidney a New Edition, Comprising Selecting, Breeding, Feeding, Fattening, with Illustrations of Pigs and Pigsties.* London, [Great Britain]. G. Routledge [pref. 1871]. xviii, 135 p., front., ill., 11 pl.

NAL Call Number: 46 Si1

Descriptors: pigs, selecting, breeding, feeding, fattening, illustrated work, pig housing, pigsties, Great Britain.

Siebold, Carl Theodore Ernst von, Waldo Irving Burnett (trans. & ed.) and Jermann Stannius. **Anatomy of the invertebrata.** Boston, [Mass.]. Gould and Lincoln, 1854. *Comparative Anatomy.* 470 p. Note: This is a translation of vol. 1 of **Lehrbuch der vergleichenden anatomie** by Von Siebold and Stannius, translated and edited with notes and additions by Waldo I. Burnett.

NAL Call Number: 444 Si2

Descriptors: invertebrate anatomy, comparative anatomy series, Carl Theodore Ernst von Siebold 1804-1885, Waldo Irving Burnett 1828-1853, Jermann Stannius 1808-1883.

Sinclair, John. *Memoirs of the Life and Works of the late Right Honourable Sir John Sinclair, Bart., by his son, the Rev. John Sinclair.* Edinburgh, [Great Britain]. W. Blackwood and Sons, [etc.] 1837. 2 vols.

NAL Call Number: 120 Si6S

Descriptors: memoirs of Sir John Sinclair 1754-1835, early writer on the topic of agriculture, sheep husbandry, wool other farm animals.

Skinner, John Stuart. *The Dog and the Sportsman: Embracing the Uses, Breeding, Training, Diseases, etc., etc. of Dogs, and an Account of the Different Kinds of Game, with Their Habits. Also Hints to Shooters, with Various Useful Recipes, etc., etc., by J.S. Skinner.* Philadelphia, [Pa.]. Lea & Blanchard, 1845. xvi, [17]-223, [1] p., ill., plates.

NAL Call Number: 48 SK3 R

Descriptors: dogs, dog diseases, game, hunting with dogs, hints for shooters, useful recipes, illustrated work, John Stuart Skinner 1788-1851.

Smellie, William and John Ware. *The Philosophy of Natural History, with an Introduction and Various Additions and Alterations Intended to Adapt it to the Present State of Knowledge by John Ware.* 3rd edition. Boston, [MA]. Hilliard, Gray, Little, and Wilkins, 1829, c1824. viii, 327 p. Note: On spine: *Smellie=s Philosophy of Natural History by John Ware.*

NAL Call Number: 411 Sm3

Descriptors: philosophy of natural history, zoology, animal behavior, William Smellie 1740-1795, John Ware 1795-1864.

Smith, Sidney Irving and Portland Society of Natural History (Maine). **On the Orthoptera of the State of Maine.** [Portland, ME. Portland Society of Natural History, 1868]. p. 143-151. Note: Detached from: *Proceedings of the Portland Society of Natural History, Feb. 1868.*

NAL Call Number: 429 Sm6

Descriptors: Orthoptera, Maine, native insects, United States.

Smith, Theobald, and Varanus A. Moore. **Additional Investigations Concerning Infectious Swine Diseases by Theobald Smith and Varanus A. Moore.** Washington, D.C. U.S. Dept. of Agriculture, Bureau of Animal Industry, 1894. 117 p. *Bulletin. U.S. Department of Agriculture, Bureau of Animal Industry*, no. 6.

NAL Call Number: 1 An5B no. 6

Descriptors: infectious swine diseases, investigations.

Smith, Theobald and Varanus A. Moore. **Investigations Concerning Infectious Diseases Among Poultry by**

Theobald Smith and Varanus A. Moore. Washington, D.C. U.S. Dept. of Agriculture, Bureau of Animal Industry, 1896. 90 p., 6 leaves of plates: ill. (some col.). *Bulletin. U.S. Department of Agriculture, Bureau of Animal Industry*, no. 8.

NAL Call Number: 1 An5B no. 8

Descriptors: infectious poultry diseases, investigations, illustrated work.

Smith, Theobald. *On Changes in the Red Blood Corpuscles in the Pernicious Anemia of Texas Cattle Fever.* Smith, Theobald. [s.l., s.n.], 1891. 16 p.

NAL Call Number: 41 Sm60

Descriptors: red blood corpuscle pernicious anemia, disease effects, Texas cattle fever, cattle disease, babesiosis in cattle.

Smith, Theobald. *Preliminary Observations on the Micro-Organism of Texas Fever.* [s.l., s.n. (publisher and place of publication unknown) 1889] 15 p.

NAL Call Number: 41 Sm6P

Descriptors: animal disease, cattle disease, Texas fever, babesiosis in cattle.

Smith, Theobald and Daniel Elmer Salmon. *Special Report on the Cause and Prevention of Swine Plague. Results of Experiments Conducted Under the Direction of Dr. D.E. Salmon.* United States. [Dept. of Agriculture] Bureau of Animal Industry. Washington, [D.C.]. Govt. Printing Office. 1891. 166 p., ill., xii pl. (10 col.). Note: At head of title: U.S. Department of Agriculture. Bureau of Animal Industry.

NAL Call Number: 1 An52Sp

Descriptors: swine plague, cause, prevention, swine diseases, research on the disease, illustrated work, Bureau of Animal Industry, United States Dept. of Agriculture.

Smithsonian Institution. *Animals Desired for the National Zoological Park at Washington, D.C., United States of America. Smithsonian Institution.* Washington, DC, 1899. 16 p., plates, ill., (folded map).

NAL Call Number: 500 Sm6A

Descriptors: animals for the National Zoological Park, animal collections, Washington, D.C., United States, Smithsonian Institution, illustrations, map.

Smithsonian Institution, John Wesley Powell, Almon Harris Thompson, Elliott Coues and George Brown Goode. *Exploration of the Colorado River of the West and its Tributaries: Explored in 1869, 1870, and 1872, Under Direction of the Secretary of the Smithsonian Institution.* Smithsonian Institution. Washington, [D.C.], Govt. Print. Office, 1875. xi, 291 p., ill., plates, folded map, folded profile. Note: map and profile in pocket. J.W. Powell in charge. The present report does not include a narrative of the second descent of the river in 1871-1872, a detailed account of which may be found in F.S. Dellenbaugh=s *A Canyon Voyage, New York, 1908.*

NAL Call Number: 407 P87C R

Descriptors: exploration Colorado River, Colorado, Mexico, 1869, 1870, 1871-1872, illustrated work, map, profile, narrative 1869-1870 only, Smithsonian Institution sponsored exploration, John Wesley Powell 1834-1902, Almon Harris Thompson 1839-1906, Elliott Coues 1842-1899, George Brown Goode 1851-1896.

Society for the Diffusion of Useful Knowledge. **The domestic habits of birds.** London, [Great Britain]. Charles Knight, 1833. xvi, 379 p., ill. *The Library of Entertaining Knowledge.*

NAL Call Number: QL673.D6 R

Descriptors: birds, domestic habits, 1833 edition, illustrations, bibliography, *The Library of Entertaining Knowledge Series*, Society for the Diffusion of Useful Knowledge, rare book.

Spencer, Sanders, J. Wortley Axe and Loudon McQueen Douglas. **Pigs, breeds and management by Sanders Spencer, with a chapter on diseases of the pig by J. Wortley Axe and a chapter on bacon and ham curing by L.M. Douglas.** 2nd edition. London, [Great Britain]. Vinton, 1898. 180 p., [21] leaves of plates: ill. *Live Stock Handbooks*, no. 5.

NAL Call Number: 46 Sp3 Ed. 2

Descriptors: pigs, pig breeds, pig management, pig diseases, bacon and ham curing, illustrated work, handbook, Great Britain.

Spooner, W.L. *Treatise on the Structure, Functions and Diseases of the Foot and Leg of the Horse.* London, [Great Britain]. Longman, Orme, Brown, Green, and Longmans, 1840. 337 p.

NAL Call Number: 42 Sp6

Descriptors: treatise, leg and foot structures of horses, foot and leg functions, and diseases.

Stansbury, Howard, Spencer Fullerton Baird, Charles Frederic Girard, Haldeman, Samuel Stehman Haldeman, John Torrey, James Hall, and United States. Army Corps of Topographical Engineers. **Exploration and survey of the Valley of the Great Salt Lake of Utah: Including a reconnaissance of a new route through the Rocky Mountains.** By Howard Stansbury, Captain, and others, Corps Topographical Engineers, U.S. Army, printed by order of the Senate of the United States. Philadelphia, [PA]. Lippincott, Gramabo & Co., 1852. 487 p., 59 leaves of plates (some fold.), ill., fold. maps, plus 1 atlas (2 fold. maps). *Senate Ex. Doc. 32d Congress, Special Session, Senate*, no. 3. Note: includes index. Published also in 1853 and in 1855 under title: **An Expedition to the Valley of the Great Salt Lake.** AAppendix C. **Zoology. Quadrupeds and birds** by Prof. Spencer R. Baird@: p. <305>-379. AAppendix D. **Botany. Catalogue of plants collected by the expedition by Professor John Torrey@:** p. <381>-397. AAppendix E. **Letter from Professor James Hall containing observations on the geology and paleontology of the country traversed by the expedition@:** p. <399>-414. Maps bound separately: Map of the Great Salt Lake, and adjacent country. Map of the reconnaissance [sic] of the country between the Valley of the Great Salt Lake and the Missouri River, at Fort Leavenworth. Note: There is an 1853 edition with the NAL Call Number: 407 St2 1853.

NAL Call Number: 407 St2

Descriptors: exploration, survey of Valley of the Great Salt Lake, Utah, new route through the Rocky Mountains, zoology, quadrupeds, 4 legged animals, birds, botany, catalogue of plants, observations on geology and paleontology of the country traversed between the Great Salt Lake and the Missouri River at Fort Leavenworth, Howard Stansbury 1806-1863, Spencer Fullerton Baird 1823-1887, Charles Frederic Girard 1822-1895, Samuel Stehman Haldeman 1812-1880, John Torrey 1796-1873, James Hall 1811-1898.

Staples, S.B. and William Haddock Dalrymple. **Charbon or anthrax: with experiences during recent outbreak in North Louisiana, by S.B. Staples and W.H. Dalrymple.** [Baton Rouge, La.]. Bureau of Agriculture, 1896. p. 26-52, [1] page of plates, ill. *Bulletin of the Louisiana State Experiment Stations. 2nd Series*, no. 44. Note: Bibliography: p. 52. Cover title.

NAL Call Number: 100 L93 (1) no. 44

Descriptors: charbon or anthrax outbreaks, north Louisiana, Louisiana State Experiment Stations, illustrated work.

Steenstrup, Johan Japetus Smith, Carl Henrik Lorenzen and George Busk (trans.). **On the Alteration of Generations, or, the Propagation and Development of Animals through Alternate Generations, a Peculiar Form of Fostering the Young in the Lower Classes of Animals, by Joh. Japetus Sm. Steenstrup. trans. from the German Version of C. H. Lorenzen, by George Busk.** London, [Great Britain]. Printed for the Ray Society, 1845. 132 p., 3 folded plates, ill. Note: Contains report of the 2nd annual meeting of the Ray Society, held at Cambridge June 23, 1845. Professor John Phillips, i the chair, with the laws of the Society, list of officers, members, etc.

NAL Call Number: 442 St3

Descriptors: alteration of generations, propagation through alternate generations, fostering the young in lower classes of animals.

Stephens, James Francis. **A Manual of British Coleoptera, or Beetles: Containing a Brief Description of All the Species of Beetles hitherto Asserained to Inhabit Great Britain and Ireland: Together with a Notice of their Chief Localities, Times and Places of Appearances, etc.** London, [Great Britain]. Longman, Orme Brown, Green, and Longmans. 1839. xii, 443 p.

NAL Call Number: 427 St42

Descriptors: British Coleoptera, beetles, descriptions of all British species, beetle habitats, life cycles, seasonality, behaviors.

Strangeways, Thomas and I. Vaughan. **Strangeways= Veterinary Anatomy.** 4th ed. New York, [NY]. 1898. 597 p.

NAL Call Number: 444 St85 Ed. 4 1898

Descriptors: veterinary anatomy, various animals described, illustrated work.

Street, Frederic. **The History of the Shire Horse and the Origin of the English Cart-Horse Society. Together with an Essay on the Breeding, Rearing, Feeding, and Management of Farm Horses, by Frederic Street.** London, Paris, & New York, [N.Y.]. Cassell, Petter, Galpin & Co., 1883. vi, 1 l., 71 p., ill., 4 pl.

NAL Call Number: 42 St8H

Descriptors: Shire horse, history of development, English Cart-Horse Society, origins, Shire Horse Society, Shire horse breeding, rearing, feeding, management of farm horses, illustrated work, Frederic Street.

Studer, Jacob Henry, Theodore Jasper Brehm [sic] and Alfred Edmund Brehm [sic]. **Studer's Popular Ornithology.** Columbus, Ohio. Jacob H. Studer & Co., 1878. 2 vols., ill., 160 pl. (119 col.). Note: Originally issued in 40 parts, 1873-78, under cover title: **The Birds of North America, Drawn from Life and Uniformly Reduced to One-Quarter**

Their Natural Size, by Theodore Jasper ... (Title varies slightly in later pts.). On completion of the work, pts. 1-39 were divided, the first 4 pages of each pt. and all the text of pt. 40 being bound together to form one vol., the last 4 pages of pts. 1-39 and extra indexes, etc., from pt. 40, were bound together to form another vol. Title of [vol. 1] *Studer's Popular Ornithology. The Birds of North America: Drawn and Colored from Life by Theodore Jasper ... [vol. 2]: Ornithology, or the Science of Birds. From the text of Dr. Brehm [sic] with illustrations by Theodore Jasper*. Bound in full leather, stamped in gold and blind, bevelled covers, all edges gilt, silk endpapers. Other authors: 1829-1884, Other titles: *The Birds of North America, Ornithology*.

NAL Call Number: 413 St9P R Fo

Descriptors: birds, ornithology, birds of North America, popular ornithology, illustrated work.

Studer, Jacob H. *Studer=s Popular Ornithology. The Birds of North America. Upward of Seven Hundred Different Species and Variation are Represented on the One Hundred and Nineteen Crayon Plates by Theodore Jasper Including a Letter Press Devoted to Giving a Popular Account of Their Habits and Characteristics ...* Ed. & pub. by Jacob H. Studer & Co. New York, [NY], Columbus, Ohio, c1881. 5 p. 1., 182 p., ill., xxx col. pl. (incl. front.). Note: Corresponds to [vol. 1] of the original edition, 1878, [vol. 2] of which *AO Ornithology, or, the Science of Birds*." From the text of Dr. Brahms, @[sic] is not included.

NAL Call Number: 413 St9 R Fo

Descriptors: birds, popular ornithology, birds of North America, different species, habits, color illustrated works, illustrated by Theodore Jasper, includes letter press with account of their habits.

Swainson, William. **Taxidermy, bibliography and biography by William Swainson**. London, [Great Britain], printed for Longman, Orme, Brown, Green & Longmans [etc.], 1840. 4 p., 392, [1] p. *The Cabinet Cyclopaedia. Natural History*. [vol. 124].

NAL Call Number: 411 Sw1T

Descriptors: taxidermy, bibliography, biography of zoologist William Swainson 1789-1855, natural history, illustrated work, portrait.

Swainson, William. *Zoological Illustrations, or Original Figures and Descriptions of New, Rare, or Interesting Animals, Selected Chiefly from the Classes of Ornithology, Entomology, and Conchology, and Arranged on the Principles of Cuvier and Other Modern Zoologists*. By William Swainson [1st. ser.] edn. London, [Great Britain], Baldwin, Cradock, & Joy [etc.], 1820-23. 3 vols., ill., 182 col. pl.

NAL Call Number: 411 Sw1Z

Descriptors: zoological illustrations, original drawings, new and rare animals, ornithology, birds, entomology, insects, conchology, shelled animals, arranged on Cuvier principles, William Swainson 1789-1855.

Tattersall, George and Abraham Cooper. **The Pictorial gallery of English race horses, containing portraits of all the winners of the Derby, Oaks and St. Leger Stakes, during the last twenty years, and a history of the principal operations of the turf. By George Tattersall [and Cooper, Abraham], illustrated with ninety engravings, chiefly on steel, after paintings by Cooper, Harris, Hancock, Alken, Hall, and others.** London, [England]. Henry G. Bohn, 1850. viii, 336 [i.e. 386] p., [70] leaves of plates, ill. *The Royal Gallery of English Race Horses*.

NAL Call Number: 42 T18

Descriptors: pictorial gallery, portraits, English race horses, Derby winners, Oaks winners, and St. Leger Stakes winners, turf history, Great Britain, illustrated works, George Tattersall 1817-1849, Abraham Cooper 1787-1868, The Royal Gallery of English Race Horses, pedigrees, race horses.

Tegetmeier, William Bernhard and Charles Lindsay Sutherland. *Horses, Asses, Zebras, Mules and Mule Breeding*. London, [Great Britain]. H. Cox, 1895. viii, 166 p., ill.

NAL Call Number: 42 T23H

Descriptors: equids, horses, asses, zebras, mules, mule breeding, Great Britain, 1895 edition, illustrations, William Bernhard Tegetmeier 1816-1912, Charles Lindsay Sutherland 1841-1912.

Tegetmeier, William Bernhard, Howard Bernhardt Adelman, C.O. Whitman and J.C. Bradshaw. *Pigeons: Their Structure, Varieties, Habits, and Management. With Coloured Representations of the Different Varieties, Drawn from Life by Harrison-Weir, and Printed in Colours by Leighton Brothers*. London, [Great Britain], New York, [N.Y.], G. Routledge, 1868. 188 p., ill.

NAL Call Number: 47.2 T23Pi

Descriptors: pigeons, birds, structure, varieties, habits, management, plumage, illustrated work, William Bernhard Tegetmeier 1816-1912, Howard Bernhardt Adelman 1898, C.O. Whitman, J.C. Bradshaw, Harrison Weir illustrator.

Tschudi, Friedrich von. *Das Thierleben der Alpenwelt. Naturansichten und Thierzeichnungen aus dem*

Schweizerischen Gebirge. Von Friedrich von Tschudi. [Animal Life in the Alps. Nature Views and Animal Drawings from the Swiss Mountains.] Leipzig, [Switzerland]. J.J. Weber, 1853. xvi, 560 p.

NAL Call Number: 411 T782

Descriptors: animal life in the Alps, nature views, animal drawings, illustrated work, Switzerland, zoology, Swiss Mountains.

Tull, Jethro, John M. Cobbett and William Cobbett. *The Horse Hoeing Husbandry: or, a Treatise on the Principles of Tillage and Vegetation, wherein is Taught a Method of Introducing a Sort of Vineyard Culture into the Corn Fields, in Order to Increase Their Product and Diminish the Common Expense by Jethro Tull, to which is Prefixed, an Introduction Explanatory of Some Circumstances Connected with the History and Division of the Work, and Containing an Account of Certain Experiments of Recent Date, by William Cobbett.* London, [Great Britain]. Tull, Jethro, and John M. Cobbett. 1822. xix, 330 p.

NAL Call Number: 53 T82H 1822

Descriptors: agriculture, tillage, horse drawn instruments, plows, plows history, experiments, William Cobbett 1763-1835, John M. Cobbett, Jethro Tull 1674-1741, Great Britain.

Tull, Jethro and William Cobbett. *The Horse-Hoing [sic] Husbandry, or, a Treatise on the Principles of Tillage and Vegetation, wherein is Taught a Method of Introducing a Sort of Vineyard Culture into the Corn Fields, in Order to Increase Their Product and Diminish the Common Expense. By Jethro Tull ... to which is Prefixed, an Introduction, Explanatory of Some Circumstances Connected with the History and Division of the Work, and Containing an Account of Certain Experiments of Recent Date, by William Cobbett.* London, [Great Britain]. Tull, Jethro, and W. Cobbett. 1829. xxiv, 426 p., pl., ill.

NAL Call Number: 53 T82H 1829 R

Descriptors: agriculture, tillage, plows, horse drawn instruments, plows history, experiments, Jethro Tull 1674-1741, William Cobbett 1763-1835.

United States. Army. Corps of Topographical Engineers, and Capt. L. Sitgreaves. With special sections by S.W. Woodhouse, E. Hallowell, S.F. Baird, C. Girard and J. Torrey. **Report of an expedition down the Zuni and Colorado Rivers, by Captain L. Sitgreaves, Corps of Topographical Engineers.** United States. Army. Corps of Topographical Engineers. Washington, [D.C.]. B. Tucker, public printer, 1854. 198 p., plates, fold. map. *U.S. 32d Congress, 2nd Sess. Senate. Ex. Doc. No. 59.* Note: **Report of Capt. Sitgreaves. Tables of distances, geographical positions, and meteorological observations. Report on the natural history of the country, by S.W. Woodhouse. Mammals, by S.W. Woodhouse. Birds, by S.W. Woodhouse. Reptiles by E. Hallowell. Fishes by S.F. Baird and C. Girard. Botany by J. Torrey. Medical report by S.W. Woodhouse.**

NAL Call Number: 407 Un32

Descriptors: United States, Army Corps of Topographical Engineers, report of expedition, Zuni and Colorado Rivers, 1854, illustrated work, maps, tables, geography, meteorology, Senate, report, natural history, mammals, birds, medical report, fishes, botany, Indians, North America, New Southwest.

United States. Army. Corps of Topographical Engineers, Joseph Christmas Ives, John Strong Newberry and Spencer Fullerton Baird. **Report upon the Colorado River of the West: Explored in 1857 and 1858 by Lieutenant Joseph C. Ives, Corps of Topographical Engineers Under the Direction of the Office of Explorations and Surveys, A.A. Humphreys, Captain Topographical Engineers, in charge, by order of the Secretary of War.** Washington, [D.C.]. Government Printing Office, 1861. 131, [1], 154, [6], 30, [2], 6, [2], 31, [1] p., [38] leaves of plates (12 folded): ill. (8 col.), 4 maps (2 col.). *Ex. Doc. / Senate. 36th Congress, 1st session.* Note: Pt. I. **General report.** Pt. II. **Hydrographic report.** Pt. III. **Geological report** by J.S. Newberry. Pt. IV. **Botany** by Professors Gray, Torrey, Thurber, and Dr. Engelmann. Pt. V. **Zoology** by S.F. Baird. Appendices A-D.

NAL Call Number: 407 W19I

Descriptors: report, Colorado River, North American Rockies, American West, explored 1857 and 1858, Lieutenant Joseph C. Ives, Corps of Topographical Engineers, Office Explorations and Surveys, Captain A.A. Humphreys, Secretary of War, illustrated work, general report of the expedition, hydrographics, geology, botany, zoology, birds.

United States. Congress. **Foreign Restrictions on American Meat Products and Live Stock: Messages and Reports, 1884-1897.** United States Congress [Washington, D.C., 1897?]. 7 v. in 1.

NAL Call Number: 286.350 Un3

Descriptors: American livestock, American livestock based meat products, foreign restrictions, messages, reports, 1884-1897.

United States. War Dept., Randolph Barnes Marcy and George Brinton McClellan. **Exploration of the Red River of Louisiana, in the year 1852 by Randolph B. Marcy assisted by George B. McClellan. With reports on the**

natural history of the country. Washington, [D.C.]. A.O.P. Nicholson, 1854. xv, 286 p., 64 pl. (one folded). 33rd Cong. 1st. Sess. Ho. of Reps. Ex. Doc. Note: Another edition (Washington, B. Tucker, 1854) has title-page headed: **33rd Congress, 1st session, Senate. Executive Doc.** Note also: Appendixes: A. **Meteorology observations.** B. **Tables of courses and distances.** C. **Mineralogy: report on the minerals collected, by C.U. Shepard.** D. **Geology: notes upon the specimens of rocks and minerals, by Edward Hitchcock.** **Remarks upon the general geology of the country traversed, by George G. Shumard.** E. **Paleontology: description of the species of Carboniferous and Cretaceous fossils, by B.F. Shumard.** F. **Zoology: mammals, by R.B. Marcy.** **Reptiles [and] fishes by S.F. Baird and C. Girard.** **Shells, by C.B. Adams and G.G. Shumard.** **Orthopterous insects, arachnidians, myriapods, by C. Girard.** G. **Botany: description of the plants, by John Torrey.** H. **Ethnology: vocabulary of the Comanches and Wichitas, by R.B. Marcy, with some general remarks by W.W. Turner.** Accompanied by: 1853. (Senate Doc.).

NAL Call Number: 407 M33

Descriptors: exploration Red River, Louisiana, United States, War Department, natural history reports, illustrated work, meteorology, mineralogy, geology, paleontology, zoology, botany, ethnology, Randolph Barnes Marcy 1812-1887, George Brinton McClellan 1826-1885.

Varro, Marcus Terentius. *The Three Books of M. Terentius Varro Concerning Agriculture.* Oxford, [Great Britain]. 1800. 257 p. Note: This is a translation of his *De re rustica* (NAL Call Number: 30 G33), and includes *A Life of Varro.*

NAL Call Number: S492.V3 R

Descriptors: Varro's writing's on agriculture, animal management and care, plant production system, ancient times, Marcus Terentius Varro 234-149 B.C.

Veith, Johann Emanuel. *Die Naturgeschichte der nutzbaren Haussaugethiere.* [*The Natural History of Useful, Domestic Animals*]. Wien, [Austria]. Braumuller, 1856. 91 p.

NAL Call Number: 40 V53

Descriptors: natural history, domestic animals, animals useful to humans, Austria.

Volz, K.W. *Beitrage zur Kulturgeschichte. der Einfluss des Menschen auf die Verbreitung der Hausthiere und der Kulturpflanzen.* Von K.W. Volz. [*Contribution to Agricultural History the Influence of Humans on the Spread or Propagation of Domestic Animals and Cultivated Plants*]. Leipzig, [Germany]. B.G. Teubner, 1852. xiv, 523, [1] p. 3 pl. Note: AQuelienvberzeichniss@ [index or list of sources]: p. [v]-x.

NAL Call Number: 30.9 V88

Descriptors: men and domestic animals, contribution to agricultural history, history of the development of domestic animals, cultivated plants, phytogeography, plant geography, Germany, illustrated work.

Wallace, Alfred Russel. *Contributions to the Theory of Natural Selection: a Series of Essays by Alfred Russel Wallace.* London, [England], New York, [N.Y.] Macmillan & Co., 1870. xvi, 384 p.

NAL Call Number: 443 W15C

Descriptors: contributions to the theory of natural selection, theory of evolution, series of essays, Alfred Russel Wallace 1823-1913.

Wallace, Alfred Russel. *Darwinism: an Exposition of the Theory of Natural Selection, with some of its Applications by Alfred Russel Wallace.* London, [England], New York, [N.Y.] Macmillan & Co., 1896. xvi, 494 p., ill., map.

NAL Call Number: QH375.W34 1896

Descriptors: Darwinism, exposition theory of natural selection, evolution of species, some applications are presented.

Wallace, Alfred Russel. *The Geographical Distribution of Animals, with a Study of the Relations of Living and Extinct Faunas as Elucidating the Past Changes of the Earth=s Surface.* By Alfred Russel Wallace. London, [England]. Macmillan and Co., 1876. 2 vols. xx pl., 7 maps (3 fold., incl. front.).

NAL Call Number: 411.2 W15G

Descriptors: geographical distribution of animals, study of relations of living and extinct faunas elucidating past changes of earth=s surface, illustrated work, zoogeography, paleontology, geography, zoology, Alfred Russel Wallace 1823-1913.

Wallace, Alfred Russel. *The Pelago: the Land of the Orang-Utan and the Bird of Paradise: a Narrative of Travel, with Studies of Man and Nature by Alfred Russel Wallace.* New edition. London, [England]. Macmillan, Co., 1894. xvii, 515 p., [10] leaves of plates, ill., maps. Note: Reprint of 1890 edition.

NAL Call Number: 128 W15M 1894

Descriptors: Malay archipelago, orangutans, non-human primates, bird of paradise, narrative of travel, studies of man

and nature, illustrated work, natural history, ethnology, description and travel, Alfred Russel Wallace 1823-1913.

Washington, George, Thomas Jefferson, Franklin Knight, Richard Peters, Sir John Sinclair and Arthur Young. *Letters on Agriculture from his Excellency, George Washington, President of the United States to Arthur Young, Esq., F.R.S. and Sir John Sinclair, Bart., M.P.: with Statistical Tables and Remarks, by Thomas Jefferson, Richard Peters, and other Gentlemen, on the Economy and Management of Farms in the United States.* Edited by Franklin Knight. Washington, [D.C.]. Published by the editor. Philadelphia, [PA]. William S. Martien, New York, [NY]. Baker & Scribner, and William S. Martien. 1847. 198 p., ill.: [6] leaves of plates (incl. frontis.), facsim., map, port. Note: Half-title: *Farmers= Souvenir. Washington=s Agricultural Correspondence.* Facsimiles are included in pagination, but are also separately paginated p. 17-51.

NAL Call Number: 31.3 W27

Descriptors: letters on agriculture, agricultural correspondence of George Washington, President of the United States, 1847 edition, animal production and husbandry, plant production, Thomas Jefferson 1743-1826, Franklin Knight [ca. 1847], Richard Peters 1743-1828, Sir John Sinclair 1754-1835, Arthur Young 1741-1820, George Washington 1732-1799.

Waterhouse, Frederick Herschel. *Index generum mammalium, Original Manuscript.* 1894. [Washington, D.C.]. 158l [p].

NAL Call Number: 412 W292

Descriptors: index, mammals, manuscript, 1894 edition, Frederick Herschel Waterhouse 1845-1919.

Weir, Harrison and John Coleman (ed.). *The Sheep and Pigs of Great Britain: Being a Series of Articles on the Various Breeds of Sheep and Pigs of the United Kingdom, their History, Management, etc.* Edited by J. Coleman, illustrated with full page engravings, drawn principally from life, by Harrison Weir. London, [Great Britain]: AThe Field@ Office, 1877. 214 p., [25] p. of plates, ill. Note: AThis volume is issued as a companion to *The Cattle of Great Britain.*@

NAL Call Number: SF375.5 .G6S5

Descriptors: sheep and pig breeds, Great Britain, series of articles, breed history illustrated, work, management.

Weld, Mason Cogwell. *The Percheron Horse in America, by M.C. Weld. in France by Charles du Hays, 1818-1898.* New York, [NY]. Orange Judd Co., 1886. viii, 9-142 p., ill. incl. front., 9 pl.

NAL Call Number: 42 W45

Descriptors: Percheron horse, America, history of introduction, care and use, breeding, illustrated work.

Werner, Abraham Gottlob and Patrick Syme. *Werner=s Nomenclature of Colours, with Additions, Arranged as to Render it Highly Useful to the Arts and Sciences, Particularly Zoology, Botany, Chemistry, Mineralogy, and Morbid Anatomy. Annexed to which are Examples Selected from Well-Known Objects in the Animal, Vegetable, and Mineral Kingdoms.* 2nd edn. Edinburgh, [Great Britain]. Printed for W. Blackwood, [etc.], 1821. 47 p., 13 col. tab.

NAL Call Number: 334.2 SyC

Descriptors: nomenclature, colors, zoology, botany, chemistry, mineralogy, morbid anatomy, examples, animal, vegetable, and mineral kingdoms, illustrated work, color tables, Patrick Syme 1774-1845, Abraham Gottlob Werner 1750-1817.

Westwood, John Obadiah. *Arcana Entomologica, or, Illustrations of New, Rare, and Interesting Insects.* London, [Great Britain]. W. Smith, 1845. 2 vols., 95 col. plates, ill.

NAL Call Number: 422 W52A

Descriptors: new insects, rare insects, entomology, descriptions, behaviors, habitats, life histories, illustrated work, J.O. (John Obadiah) Westwood 1805-1893.

Westwood, John Obadiah. *The British Butterflies and their Transformations Illustrated in a Series of Plates by H.N. Humphreys, Esq., with Characters and Descriptions by J.O. Westwood.* London, Edinburgh, [Great Britain]. W. & R. Chambers, 1860. xii, 137 p., 1 leaf, 42 col. plates, ill.

NAL Call Number: 430 H88B

Descriptors: British butterflies, Lepidoptera, developmental transformations, morphological descriptions characters, and habitats, color illustrated work, John Obadiah Westwood 1805-1893.

Westwood, John Obadiah. *Descriptions of Some New Exotic Species of Moths.* [1881]. 1 vol.

NAL Call Number: 430 W52D

Descriptors: moths, Lepidoptera, descriptions, new species, exotic species, insects, entomology, J.O. (John Obadiah) Westwood 1805-1893.

Westwood, John Obidiah and Edward Donovan (illust.). *Natural History of the Insects of China, Containing Upwards of Two Hundred and Twenty Figures and Descriptions, by E. Donovan. A New Edition. Brought Down to the Present State of the Science, with Systematic Characters of Each Species, Synonyms, Indexes, and Other Additional Matter, by J.O. Westwood.* London, [Great Britain]. H.G. Bohn, 1842. 3 p., 96 p. 50 col. pl. (incl. front.), ill.

NAL Call Number: 422.6 D71I R

Descriptors: 225 insects of China, natural history, descriptions, taxonomic classification, synonyms, illustrated work, John Obadiah Westwood 1805-1893.

Westwood, John Obidiah. *Observations on Two Species of Indian Butterflies (Papilio castor and P. pollux).* John Obadiah Westwood. [1881], 1 vol.

NAL Call Number: 430 W52Ob

Descriptors: butterflies, Lepidopterous insects, entomology, Indian species of butterflies, observations, habitat, behavior, developmental stages, *Papilio castor*, *Papilio pollux*, John Obadiah Westwood 1805-1893.

Westwood, John Obidiah. *Thesaurus entomologicus Oxoniensis, or, Illustrations of New, Rare, and Interesting Insects, for the most Part Contained in the Collections Presented to the University of Oxford by the Rev. F.W. Hope. With forty plates from drawings by the author, by J.O. Westwood.* Oxford, [Great Britain], at the Clarendon Press, 1874. xxiv, 205 p., 40 pl. (partly col.). Note: AList of the entomological works of the Rev. F.W. Hope@: p. [xxii]-xxiv. AObituary notice of the Rev. Fred Wm. Hope by T.J. Pettigrew@: p. [xvii]-xxi.

NAL Call Number: 422 W52T

Descriptors: *Thesaurus entomologicus Oxoniensis*, insects, new insects, rare insects, entomology, color illustrated work, drawings, Great Britain, 1874 edition, list of entomological works, Rev. F.W. Hope collection, John Obadiah Westwood 1805-1893.

White, Adam. *List of Specimens of British Animals in the Collection of the British Museum. (Insects). Pt. XVII. Nomenclator of Anoplura, Euplexoptera and Orthoptera. (Lice, Earwigs: Parasitic Insects, Insects: Crickets, Grasshoppers).* London, [Great Britain]. Printed by order of the Museum Trustees. 1853. 17 p.

NAL Call Number: 422 W58N

Descriptors: British insects, British Museum Collection listing, insects, nomenclature of Anoplura, Euplexoptera, and Orthoptera, lice, earwigs, parasitic insects, crickets, grasshoppers.

Wiegmann, Arend Friedrich August. *Observationes zoologicae in Aristotelis Historiam animalium. Scripsit Arend Frider August Wiegmann. [Critical Zoological Observations in Aristotle=s History of Animals].* Lipsiae, [Germany], in commissis I.C. Hinrichs, 1826. 3 p.1., 39 p. Note: In German.

NAL Call Number: 411 W63A

Descriptors: critical zoological observations, *Aristotle=s History of Animals*, 1826 German edition, Arend Friedrich August Wiegmann 1802-1841.

Wood, Rev. John George. *Bees, their Habits, Management and Treatment.* A new edition. London, [Great Britain], New York, [NY]. G. Routledge and Sons. [186-]. 2 p., 114 p., front., ill.

NAL Call Number: 424 W85 R

Descriptors: bees, bees' habits, beekeepers, management and treatment, hives, social insects, illustrated work, John George Wood 1827-1889.

Wood, Rev. John George. *Common British Insects Selected from the Typical Beetles, Moths, and Butterflies of Great Britain, by the Rev. J.G. Wood, with One Hundred and Thirty Figures by E.A. Smith Engraved by G. Pearson.* London, [Great Britain]. Longmans, Green and Co., 1882. viii, 284 p., ill.

NAL Call Number: 422.4 W85

Descriptors: common British insects, beetles, moths, and butterflies, Coleoptera, Lepidoptera, illustrated work.

Wood, Rev. John George and William Harvey (illust.). *The Illustrated Natural History by the Rev. J.G. Wood, with 450 Original Designs, by William Harvey.* 7th edition. New York, [N.Y.], Harper, 1867. xxiv, 524 p., [2] leaves of plates, ill.

NAL Call Number: 411 W85I

Descriptors: natural history, plants, animals, insects, illustrated work, William Harvey 1811-1866, Rev. J.G. (John George) Wood 1827-1889.

Wood, Rev. John George, Boston Society of Natural History, G. Pearson, Samuel Hubbard Scudder, E.A. Smith and

J.B. Zwecker. *Insects Abroad: being a Popular Account of Foreign Insects, their Structure, Habits, and Transformations by Rev. J.G. Wood.* Illustrated with six hundred figures, by E.A. Smith and J.B. Zwecker, engraved by G. Pearson. London, [Great Britain] Longmans, Green & Co., 1874. xii, 780 p., 20 leaves of plates, ill. Note: Embossed cloth binding. Library=s copy has bookplate of the Boston Society of Natural History from Samuel Hubbard Scudder. HBO. Mss. inscription: Sam H. Scudder. HBO.

NAL Call Number: 422 W852 1874a

Descriptors: foreign insects, insect structure, insect habits, insect transformation, Great Britain, illustrated work.

Wood, Rev. John George. *Man and Beast Here and Hereafter: Illustrated by More than Three Hundred Original Anecdotes by J.G. Wood.* New York, [NY]. Harper. 1875. 143 p.

NAL Call Number: 411 W85M 1875

Descriptors: man and beast, animal folklore, animal intelligence, immortality, anecdotes about animals, Rev. John George Wood 1827-1889.

Wood, T.W., et al. *Curiosities of Ornithology. With Beautifully-Coloured Illustrations, from Drawings by T.W. Wood, and Other Eminent Artists.* London, [Great Britain]. Groombridge and Sons. [1871]. 64 p., col. front., ill., col. plates.

NAL Call Number: 422 C92

Descriptors: ornithology, birds, color illustrated work.

Youatt, William. **Cattle: their Breeds, Management, and Diseases: with an Index [by W. Youatt].** Published under the superintendence of the Society for the Diffusion of Useful Knowledge. London, [Great Britain]. Baldwin and Cradock, 1834. vii, 600 p., ill. Series: *Library of Useful Knowledge, Farmer=s Series*. Note: Includes index. Other author: Society for the Useful Diffusion of Knowledge.

NAL Call Number: SF197.Y6 R

Descriptors: cattle, breeds, management, diseases, Great Britain, illustrations, index, *Library of Useful Knowledge, Farmer=s Series*, 1834 edition, rare book, William Youatt 1776-1847.

Youatt, William. **Cattle: their Breeds, Management, and Diseases: with an Index.** Pub. under the superintendence of the Society for the Diffusion of Useful Knowledge. Philadelphia, [Pa.]. Grigg & Elliot, 1836. viii, 600 p., ill. *Library of Useful Knowledge*. Note: Preface signed: W. Youatt.

NAL Call Number: 43 Y8

Descriptors: cattle breeds, management, diseases, prevention of diseases, treatment suggestions.

Youatt, William and Elisha Jarrett Lewis. *The Dog, by William Youatt. Edited with Additions, by E.J. Lewis.* New York, [NY]. Leavitt and Allen, [1846]. xii, 403 p., ill. Note: A 1957 version of this book is in the collection. NAL Call Number: 48 Y8D 1857

NAL Call Number: 48 Y8D

Descriptors: dogs, breeds, history, care, illustrated work, E.J. (Elisha Jarrett) Lewis 1820-1877, William Youatt 1776-1847.

Youatt, William, Francis Clater and J.S. Skinner. *Every Man his Own Cattle Doctor: Containing the Causes, Symptoms, and Treatment of all the Diseases Incident to Oxen, Sheep, and Swine, and a Sketch of the Anatomy and Physiology of Neat Cattle, by Francis Clater. Edited, Revised, and almost Rewritten by William Youatt with Numerous Additions, Embracing an Essay on the Use of Oxen, and the Improvement in the Breed of Sheep, etc. by J.S. Skinner. With Numerous Cuts and Illustrations.* Philadelphia, [Pa.]. Lea and Blanchard, 1844. [J. Fagan, Stereotyper. J. & W. Kite, Printers]. xvii, [1], 19-251, [1] p. (last blank), ill.

NAL Call Number: 41 C57 R

Descriptors: practical suggestions for veterinary care, cattle, oxen, sheep, swine, anatomy, physiology, oxen use, sheep breed improvement, diseases described, treatment of diseases, illustrated work, William Youatt 1776-1847, Francis Clater 1756-1823, J.S. (John Stuart) Skinner 1788-1851.

Youatt, William and W.C.L. Martin. *The Hog, the Treatment of the Breeds, Management, Feeding, and Medical Treatment of Swine, with Directions for Salting Pork and Curing Bacon and Hams. By William Youatt and W.C.L. Martin. Ed. by A. Stevens. New edn., with Introduction by Col. M.C. Weld.* New York, [NY]. Orange Judd Company, 1884. 231 p., ill.

NAL Call Number: 46 Y8 1884

Descriptors: the hog, swine breeds, treatment, management, feeding, medical treatment, directions for salting pork, curing bacon and hams, illustrated work, William Youatt 1776-1847.

Youatt, William and John Stuart Skinner (ed. Amer. edition). *The Horse, by William Youatt*. New edn. Philadelphia, [Pa.]. Henry T. Coates & Co., [ca. 1843]. 448 p., ill. Note: ATogether with a general history of the horse, a dissertation on the American trotting horse, how trained and jockeyed, an account of his remarkable performances, and an essay on the ass and the mule, by J.S. Skinner." American edn.

NAL Call Number: 42 Y8 1843

Descriptors: horses, general history of horses, American trotting horse, training, jockeyed, performances, essay on asses and mules, J.S. (John Stuart) Skinner 1788-1851, William Youatt 1776-1847.

Youatt, William. **The Horse, with a Treatise on draught, and a copious index.** Published under the superintendence of the Society for the Diffusion of Useful Knowledge. London, [Great Britain]. Baldwin and Cradock, 1838. viii, 472 p., ill. *Library of Useful Knowledge. [Farm Series]*.

NAL Call Number: 42 Y8 1838

Descriptors: draught horses, working horses, treatise, draft horses, William Youatt 1776-1847.

Youatt, William. *The Obligation and Extent of Humanity to Brutes, Principally Considered with Reference to the Domesticated Animals.* London, [Great Britain]. Longman, Orme, Brown, Green, and Longman, 1839. vi p., 1 l., 218 p.

NAL Call Number: 412 Y8

Descriptors: domesticated animals, obligation and extent of humanity to these animals, animal welfare considerations, humane treatment of animals, William Youatt 1776-1847.

Youatt, William. *The Pig. A Treatise on the Breeds, Management, Feeding, and Medical Treatment of Swine, with Directions for Salting Pork and Curing Bacon and Hams.* Youatt, William. Philadelphia, [PA]. Lea & Blanchard, 1847. 175 p. Note: Written on title page: First American ed.

NAL Call Number: 46 Y8 1847

Descriptors: swine, swine breeds, swine management, feeding, medical treatment, directions for salting pork, curing bacon and hams, 1847 edition, first American edition, Pennsylvania, William Youatt 1776-1847.

Youatt, William. *Sheep: Their Breeds, Management, and Diseases by William Youatt, Published Under the Superintendence of the Society for the Diffusion of Useful Knowledge, with Illustrative Engravings, to which are Added, Remarks on the Breeds and Management of Sheep in the United States, and on the Culture of Fine Wool in Silesia.* New York, [NY]. Orange Judd, 1848. 159 p., ill.

NAL Call Number: 45 Y8S

Descriptors: sheep, sheep breeds, management, diseases, disease treatments, illustrated work, United States, wool culture of Silesia, William Youatt 1776-1847.

Youatt, William and Mason Cogswell Weld. *Sheep: their Breeds, Management, and Diseases. By William Youatt. New edn. With an Introduction by Col. M.C. Weld to which is Added Remarks on the Breeds and Management of Sheep in the United States.* New York, [NY]. O. Judd company, 1885. 159, [1] p., ill. Note: **Remarks on the breeds and management of sheep in the United States**, p. [156]-157. Other title: *Youatt on Sheep*.

NAL Call Number: 45 Y8S 1885

Descriptors: sheep, management, diseases, sheep breeds, United States, William Youatt 1776-1847, [Colonel] Mason Cogswell Weld 1829-1887.

Youatt, William. *A Treatise on the Choice, Buying and General Management of Live Stock, Comprising Delineations and Description of the Principal Breeds ... Together with an Appendix on the Improvement of British Wool, and on the Destruction of Vermin Infesting Farmyards, etc., etc.* 2nd edn., rev., cor., and enl. by the author of the *Complete Grazier*. London, [Great Britain]. B. Crosby and Co., 1810. vii, [9]-232 p., ill.

NAL Call Number: 40 Y8

Descriptors: treatise on livestock, description of principal breeds, improvement of British wool, destruction of vermin pest in farmyards, illustrated works, Great Britain, general management, William Youatt 1776-1847.

Youatt, William, Henry Stephens Randall and William Charles Spooner. *Youatt on the Structure and the Diseases of the Horse with their Remedies. Also, Practical Rules to Buyers, Breeders, Breakers, Smiths, etc., being the Most Important Parts of the English ed. of AYouatt on the Horse@ Somewhat Simplified. Brought down by W.C. Spooner, to which is Prefixed, an Account of the Breeds in the United States.* Comp. by Henry S. Randall. New York, [NY]. Judd, 1882. xvi, 483 p., ill. Note: other title: *The Structure and the Diseases of the Horse ...*

NAL Call Number: 42 Y8Y

Descriptors: Youatt's ideas on horse structure and diseases, disease remedies, practical rules for buyers, breeders, breakers, smiths simplified, United States horse breeds, Henry Stephens Randall 1811-1876, W.C. (William Charles)

Spooner 1809?-1885, William Youatt 1776-1847.

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Abbey, George. *The Balance of Nature and Modern Conditions of Cultivation, a Practical Manual of Animal Foes and Friends for the Country Gentleman, the Farmer, the Forester, the Gardener, and the Sportsman.* 1909. London, [England]: G. Routledge & Sons, Limited. New York, [NY]: E.P. Dutton & Co. xlvii, 278 p. ill.

NAL Call Number: 411 Ab1

Descriptors: zoology, rural life, animals, cultivation of the land, animal pests, hunting, United Kingdom.

Adams, John W. **Horseshoeing.** *Farmers= Bulletin*, no. 179. Washington. U.S. Dept. of Agriculture, 1903. 29 p., ill.

NAL Call Number: 1 Ag84F no. 179

Descriptors: horses, horseshoeing, care of hoofs, the art of the farrier.

Adams, John W. and Anton Lungwitz. *A Text-Book of Horseshoeing for Horseshoers and Veterinarians.* 11th ed. Philadelphia, [PA].: J.B. Lippincott, c1913. 216 p., ill. English translation of *Der Lehrmeister im Hufbeschlag*. Includes index.

NAL Call Number: 42 L97T Ed.11

Descriptors: horseshoeing, horse care, farriers, veterinarians.

Adelman, Howard Bernhardt. **The Embryological treatises of Hieronymous Fabricius of Aquapendente: the formation of the egg and of the chick. The Formed fetus. Fabricius, ab Aquapendente. A facsimile edition, with an introduction, a translation, and a commentary by Howard B. Adelman ...** Ithaca, NY, Cornell University Press, 1942. xxiii, 376, [2] p., facsimis. (p. [379]-645, 1 l., 649-883 p. incl. front. (port.) ill., plates (part double). *Cornell Publications in the History of Science*.

NAL Call Number: 442 F11

Descriptors: embryology, egg formation, chick formation, formed fetus, human anatomy, 1942 facsimile edition.

Agassiz, Louis and Alexander Emmanuel Rodolphe Agassiz. **Seaside studies in natural history.** Arno, [New York, NY]. 1970. 157 p., ill. Note: Reprint of 1871 ed. *American Environmental Studies*.

NAL Call Number: QL183.A3 1970

Descriptors: marine fauna, Massachusetts Bay, natural history.

Albertus Magnus: Being the Approved, Verified, Sympathetic and Natural Egyptian Secrets, or, White and Black Art for Man and Beast ... by that Celebrated Student ... (Albertus Magnus, Saint/Albert the Great) [1193?-1280]. Translated from the German. New York, [NY]. Wehman Bros., [19B?]. 3 v. in 1 (208 p.). Note: Other title: *The Book of Nature and Hidden Secrets and Mysteries of Life Unveiled*.

NAL Call Number: 145 Al

Descriptors: nature, Egyptian secrets, man and beast, Albertus Magnus, Saint Albert the Great [1193?-1280].

Allen, Karen Miller. *The Human-Animal Bond: an Annotated Bibliography.* Metuchen, N.J. Scarecrow Press, c1985. x, 246 p. Note: Includes indexes.

NAL Call Number: Z6980.A45

Descriptors: human-animal bond, pet owners bibliography, pets social aspects, pets therapeutic use, pet owners psychology, animals social aspects, annotated bibliography.

Allen, Mary. *Animals in American Literature.* Urbana, [IL.]: University of Illinois Press, c1983. 210 p., ill. Note: Includes bibliographies and index.

NAL Call Number: PS169.A54A44

Descriptors: American literature, history and criticism, animals in literature.

American Anti-Vivisection Society. *100 Years Against Cruelty: 1883-1983.* Jenkintown, Pa.: The Society, [1983?]. 16, [1] p.: ports. Note: Bibliography, p. 16-[17]. "Organized 1883.@

NAL Call Number: HV4915.E4

Descriptors: vivisection history, animal welfare, one hundred years against cruelty, 1883-1983, American Anti-Vivisection Society, portraits, bibliography.

American Association for Laboratory Animal Science. *Contributions to Man and Animals*. Cordova, Tenn.: The Association. [1988?] [6] p. col. ill.

NAL Call Number: SF405.5.A52

Descriptors: American Association for Laboratory Animal Science, animal science, laboratory animals, contributions to man and animals.

Arkow, Phil (ed.). *Dynamic Relationships in Practice: Animals in the Helping Professions*. 1984 Alameda, California. Latham Foundations, c1984. iv, 420 p., ill. Note: Bibliography: p. [397]-403. AA Latham Foundation publication. @

NAL Call Number: SF411.5.D9

Descriptors: animal helpers, animals, helping professions.

Aristotle and A.L. Peck. **Aristotle=s generation of animals, with an English translation by A.L. (Arthur Leslie) Peck ... 1943. London ed.** Cambridge, Mass., Harvard University Press, London, [Great Britain], W. Heinemann Ltd., 1943. ix xviii, 607. [1] p. diagr. *Loeb Classical Library*. Note: Reproduction. Greek and English on opposite pages. AModern editions@: p. xxxii. ATranslations@: p. xxxiii. AAdditional bibliography@: p. xxxv-xxxvi. Bibliographical footnotes.

NAL Call Number: 442 Ar4

Descriptors: Aristotle, animals, history, Greek philosophy, descriptions.

Arluke, Arnold and Clinton R. Sanders **Regarding animals**. 1996. Philadelphia, [PA]. Temple University Press, c1996. vii, 218 p. *Animals, Culture, and Society*. Note: Includes bibliographical references (p. 193-211) and index.

NAL Call Number: QL85.A75 1996

Descriptors: animals, human culture, animals use, societal issues and concerns.

Arundel, Reginald. *Police Dogs and their Training*. 3rd ed. London, [Great Britain]. APolice Review@ Publishing Co. [192-?]. 64 p. Note: Reprint from the original by Milo G. Delinger, Washington, D.C.

NAL Call Number: 48 Ar8 Ed. 3

Descriptors: police dogs, animal helpers, police dog training.

Ash, Edward C. *Dogs and How to Know Them, with Notes as to their Care and Management and Other Information, Including a Standard of Excellence and a Complete List of Books of Dogs from 1800 in the British Museum*. 1927. London, [Great Britain]. The Epworth Press, J.A. Sharp [1927]. 88 p., ill. Note: Third edition.

NAL Call Number: 48 As3D Ed. 3

Descriptors: dogs, dog care, animal history, dog books, breeds, behaviors, includes a bibliography of books related to dogs.

Ash, Edward Cecil. *Dogs. Their History and Development*. 1972. New York, [NY]. B. Blom, 1972. 2 v. (778 p.), ill. Note: This is a reprint of the 1937 ed. published by E. Benn, London, [Great Britain]. Includes bibliographical references.

NAL Call Number: SF426.A84 1972

Descriptors: dogs history, animal history, dog breeds.

Ashton, John. *Curious Creatures in Zoology*. Detroit, [Mich.]. Singing Tree Press, 1968. 348 p., ill. Note: This is a reprint of the 1890 ed.

NAL Call Number: QL89.A7 1968

Descriptors: animal folklore, animal myths, stories.

Audubon, James and Ludlow Griscom. *Birds of America*. Audubon, James 1950. Introduction and descriptive captions by Ludlow Griscom. Popular edn. New York, [N.Y.]. Macmillan, 1950. 320 p., col. ill.

NAL Call Number: 413 Au2B

Descriptors: birds, North America, birds pictorial works, James Audubon.

Audubon, John James. *Audubon=s Animals. The Quadrupeds of North America*. 1951. New York, [N.Y.]. Studio Publications in association with Crowell, 1951. 222 p., ill. (part col.). Note: Originally published in 1854 under title: *The Viviparous Quadrupeds of North America*. Bibliography: p. 217-218.

NAL Call Number: QL715.A92 1951

Descriptors: mammals of North America, pictorial works, descriptions, original edition 1854.

Axe, John Wortley, (ed.). *The Horse, its Treatment in Health and Disease with a Complete Guide to Breeding, Training and Management*. 1906. London, [Great Britain]. Gresham Pub. Co., 1906. 3 v. in 9, ill., plates (part col., part fold.) fold. tables. Note: v. 1-3, 4-6, 7-9 paged continuously.

NAL Call Number: 42 Ax2H

Descriptors: horses, encyclopedias, horse diseases, horse care, horse breeding, horse training, complete guide.

Bailey, Liberty Hyde. *Nature Portraits: Studies with Pen and Camera of our Wild Birds, Animals, Fish and Insects*. Text by the editor of *ACountry Life in America*®, with fifteen large plates and many illustrations by the best nature photographers. 1902. Bailey, Liberty Hyde. New York, [N.Y.]: Doubleday, Page, 1902. viii, 40 p., [15] leaves of plates: ill. (some col.).

NAL Call Number: 411 B15 Fo

Descriptors: animals, pictorial works, nature portraits, natural history, birds, animals, fish, insects, color illustrations, drawings, plates, photographs.

Baird, Spencer Fullerton, Thomas M. Brewer and Robert Ridgeway. *A history of North American birds*. New York, [N.Y.]. Arno Press, 1974 [c1874]. 3 vols., ill. Series: *Natural Sciences in America*. Note: Each volume has a special title: *Land Birds*. Reprint of the 1874 ed. Published by Little, Brown, Boston. Includes indexes.

NAL Call Number: QL681.B16 1974

Descriptors: natural history, North American birds, land birds, descriptions, habitat.

Baird, Spencer Fullerton, Thomas M. Brewer and Robert Ridgeway. *The water birds of North America*. New York, [N.Y.]. Arno Press, 1974 [c1884]. xi, 537, 552 p., ill. *Natural Sciences in America*. Note: includes bibliographical references and indexes. This is a reprint of the 1884 ed. published by Little, Brown, Boston, which was issued as vol. 12-13 of *Memoirs of the Museum of Comparative Zoology, Harvard College* (NAL Call Number: 500 H26M).

NAL Call Number: QL681.B18 1974

Descriptors: natural history of birds, North America, water birds, habitats, descriptions.

Baker, Franklin Davis and George W. Covey. *A New Species of Trematode from the Painted Terrapin, Chrysemys marginata Agassiz*. Lincoln, [NB]. University of Nebraska, 1911. 26 p., ill., plate. *University of Nebraska. University Studies*, v. 11, no. 3. Note: APapers cited@: p. 25. Double pagination.

NAL Call Number: 436 B24

Descriptors: zoology, trematode, parasitic flatworms, new species, terrapin, freshwater turtle, illustrations, parasitic organisms.

Baky, John S. (ed.). *Humans and animals*. New York, [N.Y.]. H.W. Wilson Co., 1980. 205 p. *Reference Shelf*, v. 52, no. 4. Note: Bibliography p. 199-205.

NAL Call Number: QL85.H85

Descriptors: animals and civilization, humans, zoology, economics of animal use.

Barbour, Thomas. *A naturalist in Cuba*. AFirst edition@. Boston, [Mass.] Little, Brown and Company, 1945. x, 317 p.: front., plates, ports. AAtlantic Monthly Press Book@. Note: Map on lining-papers.

NAL Call Number: 409 B23N

Descriptors: vertebrates, Cuba, description and travel, naturalist, natural history, Thomas Barbour 1884-1946.

Barclay, Harold B. *The Role of the Horse in Man=s Culture*. London, [Great Britain], New York, [NY]. J.A. Allen. 1980. xii, 398 p., ill. Note: Bibliography: p. [375]-394. Includes index.

NAL Call Number: SF283.B37

Descriptors: horse history, human-animal relationships, history of horses and horsemanship, role of the horse in human history.

Bartlett, Jane and David Gibbon. *Animal Draught Technology: an Annotated Bibliography*. 1984. London, [Great Britain]. Overseas Development Group of the University of East Anglia, IT Publications, 1984. 76, [14] p. Note: includes indexes.

NAL Call Number: Z5071.D73B3

Descriptors: draft animals, annotated bibliography, working animals, technological innovations related to the use of draft animals, domestic animals.

Barton, Benjamin Smith and Keir B. (Brooks) Sterling. **Notes on the animals of North America, 1792. Barton, Benjamin Smith, 1766-1815, Edited with an Introduction by Kier B. Sterling.** New York, [N.Y.] Arno Press, 1974. 50, [84] p. *Natural Sciences in America*. Note: Photo reproduction of the manuscript written in 1792 in Philadelphia accompanied by a typescript of the manuscript.

NAL Call Number: QL151.B37 1974

Descriptors: North American animals, natural science, descriptions, habitats, Benjamin Smith Barton 1766-1815.

Bartram, John. ***The Correspondence of John Bartram, 1734-1777.*** Edited by Edmund Berkeley and Dorothy Smith Berkeley. Gainesville, [FL]. University Press of Florida, c1992. xv, 808 p., ill. Note: Includes bibliographical references (p. 792-797) and index.

NAL Call Number: QK31.B3B37 1992

Descriptors: American explorer, includes information about animals, illustrations.

Bateson, William and Gregor Mendel. ***Mendel=s Principles of Heredity.*** Cambridge University Press, [Eng.], 1909. xiv, 396 p., ill. (part col.). Note: Bibliography: p. [369]-385.

NAL Call Number: 443 B31Pr

Descriptors: Mendel=s law, evolution, heredity, hybridization, historical review, genetics, theories.

Beavis, Ian C. and Devon Exeter. ***Insects and Other Invertebrates in Classical Antiquity.*** [Great Britain]: University of Exeter, 1988. xv, 269 p. Note: Includes bibliographical references and indexes. Revision of the author=s Ph.D. thesis (University of Exeter, 1984).

NAL Call Number: QL482.G8B4

Descriptors: insects, Ancient Greece, insect history, Ancient Rome history, invertebrates historical information, folklore, classical antiquity.

Beebe, Charles, N. (ed.) and Janice Swanson, (ed.). **Farm animal welfare, January 1979-April 1989.** Beltsville, MD. U.S. Dept. of Agriculture, National Agricultural Library, 1989. 301 p. *Bibliographies and Literature of Agriculture*, no. 84. Note: ASeptember 1989.@

NAL Call Number: aZ5076.A1U54 no. 84

Descriptors: farm animals, animal welfare, domestic animals, care, husbandry, issues and concerns, health, bibliography.

Behring, Emil von and Charles Bolduan (transl.). ***[The Suppression of Tuberculosis, Together with Observations Concerning Phthisiogenesis in Man and Animals and Suggestions Concerning the Hygiene of Cow Stables and the Production of Milk for Infant Feeding, with Special Reference to Tuberculosis, by Professor E. von Behring] ...***

1903, 1904. Behring, Emil von., authorized translation by Charles Bolduan, M.D. 1st ed. 1st thousand. New York, [N.Y.]. J. Wiley & Sons, London, [England], Chapman & Hall, Limited, 1904. v, 85 p. Note: AThe principal article is translated from a lecture delivered in Cassel, September 25, 1903 ... AThe two articles, A**Observations on phthiogenesis**@ and A**Suggestions concerning the hygiene of cow stables**@ are taken from A**Beitrag zur Experimentellen Therapie**, no. 8, 1904.@ Other author: Charles Bolduan b. 1873.

NAL Call Number: 448 B395

Descriptors: tuberculosis, *Mycobacterium*, prevention, phthiogenesis, cow stables hygiene, milk production, infant feeding, stable sanitation.

Bendiner, Robert. ***The Fall of the Wild, the Rise of the Zoo.*** 1st edn. New York, [N.Y.]. Dutton, c1981. 196 p., [8] leaves of plates, ill. Includes index.

NAL Call Number: QL76.B46 1981

Descriptors: zoos, wild animals, illustrations, plates.

Berman, Ezra. **Bibliography of the cat, edited by Ezra Berman.** Research Triangle Park, N.C.: National Environmental Research Center, 1974. 343 p. *U.S. National Technical Information Service PB*, No. 229869. Note: Report no. EPA-650/3-74-001. Program element no. 1H1095.

NAL Call Number: 157.8 R29 no. 229869

Descriptors: cats, domestic animals.

Bernard, Claude, Henry Copley Greene (transl.) and Lawrence Joseph Henderson. ***Introduction a l=Etude de la Medecine Experimentale.*** [An Introduction to the Study of Experimental Medicine]. Bernard, Claude. New York, [NY]. Schuman, [c1927] 1949. xix p., 2 l., 226 p.

NAL Call Number: 448 B45Ie

Descriptors: experimental medicine, English translation, Claude Bernard 1813-1878, Henry Copley Greene 1871, Lawrence Joseph Henderson 1878-1942, 1949 edition.

Bernard, Claude, Hebbel E. Hoff (trans.), Roger Guillemin (trans.) and Lucienne Guillemin (trans.). **Lectures on the phenomena of life common to animals and plants.** Springfield, Ill. Thomas. [1974]. 2 v., ill. *American Lecture Series*, publication no. 900. Note: This is a reprint of the 1878 edn. published by J. Librairie, Paris, [France]. Imperfect copy, vol. 2 wanting. Includes bibliographical references.

NAL Call Number: QH501.B5213 1974

Descriptors: animals, plants, comparative physiology, biology.

Bodmer, Karl. ***Bodmer's America: Karl Bodmer's Illustrations to Prince Maximilian of Wied-Neuwied=s Travels in the Interior of North America, 1832-1834: An Index to the Complete Collection of Eighty-One Plates.*** London, [Great Britain]. Aleto Historical Editions, 1991. [32] p., [23] p. of plates, ill., maps, ports., and 1 CD-ROM. Note: AThis catalogue is reproduced from the index which accompanied the 125 sets in the new edition of ***Bodmer's America***, printed from the original plates in the collection of the Joslyn Art Museum, Omaha, Nebraska, and published by Aleto Historical Editions of London. @ The CD-ROM (c2000) contains the digital catalogue of the 81 hand-colored engravings by Karl Bodmer to Prince Maximilian of Wied-Neuwied=s travels in the interior of North America, 1832-34. Other author: Joslyn Art Museum, other subjects: Prinz von Maximilian Wied 1782-1867, animals, Indians of North America.

NAL Call Number: E77.5.B63 1991 Ov

Descriptors: North America, natural history, early explorer, travels, animals, Native Americans, Prinz von Maximilian Wied 1782-1867.

Bokonyi, Sandor. ***[History of Domestic Mammals in Central and Eastern Europe]***. Budapest, [Hungary]. Akademiai Kiado, 1974. 596. [1] p., ill. Note: Translated from Hungarian.

NAL Call Number: GN426.B6

Descriptors: domestic mammals history, history and uses, interactions with humans, Central Europe, Eastern Europe, livestock breeds, draft animals.

Borowski, Oded. ***Every Living Thing: Daily Use of Animals in Ancient Israel.*** 1998. Walnut Creek, [PA?]. AltaMira Press, c1998. 296 p., ill.

NAL Call Number: SF55.P26B67 1998

Descriptors: domestic animals, Palestine, history, animals in the Bible, wildlife utilization, animal remains, archeology.

Boulenger, Edward George. ***World Natural History, by E.G. Boulenger.*** With an introduction by H.G. Wells. Illustrated by 150 photographs and 26 drawings.] New York, [N.Y.]. C. Scribner=s Sons. London, [England]. B.T. Batsford Ltd., 1938. xx, 268 p., ill.

NAL Call Number: 411 B662W

Descriptors: zoology, pictorial works, natural history, illustrations, photographs, drawings, plants and animals.

Bourliere, Francois and H.M. Parshley (transl.). ***Vie et moeurs des mammiferes. [The Natural History of Mammals.]*** 3rd edition, revised. New York, [NY]. Knopf, 1964. xxi, 387, x p., ill.

NAL Call Number: 412 B79Ae Ed. 3

Descriptors: mammals, mammalian behavior, natural history, habitats.

Bowler, Peter J. ***The Eclipse of Darwinism: Anti-Darwinian Evolution Theories in the Decades Around 1900.*** Baltimore, [Md.], London, [Great Britain]. Johns Hopkins University Press, c1983 (1992 [printing]). xi, 291 p. Note: Bibliography: p. 257-284. Includes indexes.

NAL Call Number: QH361.B69 1992

Descriptors: eclipse of Darwinism, anti-Darwinian, theories of evolution theories, historical review around the turn of the century, 1900.

Bowler, Peter J. ***Evolution: the History of an Idea.*** Rev. ed. Berkeley, [CA]. University of California Press, 1989. xvi, 432 p., ill. Note: Bibliography: p. 365-422. Includes index.

NAL Call Number: QH361.B6 1989

Descriptors: evolution, history of the theory of evolution, impacts of the theory on scientific thinking.

Boylenger, Edward George and Wm. H. Wise. ***Wild Life the World Over, Comprising Twenty-Seven Chapters Written by Nine Distinguished World-Traveled Specialists.*** New York, [N.Y.]. Wise, [1947]. 624 p., ill., col. plates.

NAL Call Number: 411 W644

Descriptors: wildlife, wild animals, zoology, color illustrations.

Breland, Osmond Phillip. *Animal Friends and Foes*. [1st. ed.]. New York, [N.Y.]. Harper, [1957]. 259 p., ill. Note: Includes bibliographies.

NAL Call Number: 411 B742A

Descriptors: good animals, bad animals, economic zoology, animal pests, economically valuable animals.

Brockwell, David, George G. Anderson and R.W. Tauskey (illust.). *The Police Dog*. New York, [N.Y.]. G. H. Watt, [c1924]. xiv p., 2 l., 19-190 p., front., illus., plates.

NAL Call Number: 48 B78

Descriptors: dogs, police dogs, history, value, types of training, uses, service animals.

Bromfield, Louis and Paul Laune (illust.). *Animals and Other People*. [1st ed.]. New York, [N.Y.]. Harper, [1955]. 272 p., ill.

NAL Call Number: 411 B787

Descriptors: domestic animals, country life, rural Ohio.

Brown, Beth. *Dogs that Work for a Living*. New York, [NY], Funk & Wagnalls, [c1970]. 150 p., ill.

NAL Call Number: SF428.2.B7

Descriptors: working dogs, service dogs, various activities performed.

Brown, Vinson and Judy Wilmot (illustrator). *The Secret Languages of Animals*. 1st Prentice Hall Press ed., rev. and updated. New York, [N.Y.]. Prentice Hall Press, c1987. vii, 198 p., ill. Note: Rev. ed. of: *How to Understand Animal Talk*. Boston, [Mass.]: Little, Brown, 1958, c1955. Includes index.

NAL Call Number: QL776.B76 1987

Descriptors: animal communication, human-animal communication, secret languages of animals, understanding animal communications.

Bruette, William A. *Modern Dog Breeding*. Lansing, Mich., [s.n.]. 1906. 234 p.

NAL Call Number: 48 B83

Descriptors: dog husbandry, breeding, breeding for soundness, selection factors.

Budinsky, Stephen. *The Covenant of the Wild: Why Animals Chose Domestication with a New Preface*. Paperback edition. New Haven, [Conn.]. Yale University Press, 1999. xxiii, 190 p. Note: Includes bibliographical references (p. 173-180) and index. AFirst published in 1992 by William and Morrow Company@.

NAL Call Number: GN799.A4.B83 1999

Descriptors: covenant of the wild, wild animals, domestic animals.

Bulliet, Richard W. *The Camel and the Wheel*. Harvard University Press. Cambridge, Mass., 1975. xiv, 327 p., ill. Note: Bibliography: p. 271-277. Includes index.

NAL Call Number: SF401.C2B84

Descriptors: camels, wheels, North African history, Middle East history.

Burnett, Waldo Irving. *The Story of Animal Life. With Special Articles Contributed by Zoologists of Various Countries*. Burton, Maurice, 1898-. London, [England]. Elsevier Pub. Co., [1949]. 2 vols., ill. (part col.). Note: vol. 1. *The Framework of Animal Life. Invertebrates*. vol. 2. *Vertebrates*.

NAL Call Number: 411 B95

Descriptors: zoology, vertebrates, invertebrates, illustrations.

Butler, Alfred Joshua. *Sport in Classic Times*. Los Altos, Calif. Kaufmann. 1975. 213 p., ill. Note: Foreword by Roderick Haig-Brown. This is a reprint of the 1930 edn. published by E. Benn, London, [Great Britain], with a new foreword. Includes bibliographical references.

NAL Call Number: SK203.B87 1975

Descriptors: Greece, Rome, history of animal sports, hunting, fishing, types of animals hunted.

Butterworth, Hezekiah. *In the Days of Audubon: a Tale of the AProtector of Birds@ with an Appendix on the Formation of Audubon Societies*. New York, [NY]. D. Appleton and Co., 1901. xi, 236 p., ill.: [14] p. of plates. Note: Audubon, James, 1780-1851.

NAL Call Number: 120 Au2Bu

Descriptors: birds, illustrations, plates, James Audubon 1780-1851, Audubon Societies, bird watching, bird protection, nature societies.

Cansdale, George Soper. *Animals and Man*. London, [England]. Hutchinson, [1952]. 200 p., ill. Note: Includes bibliography.

NAL Call Number: 411 C16

Descriptors: animals, man, economic zoology.

Carter, George Stuart. *Animal Evolution, a Study of Recent Views of its Causes*. London, [England]. Sidgwick and Jackson, [1951]. xv, 368 p., ill. Bibliography: p. 352-361. Note: Text-books of animal biology.

NAL Call Number: 443 C24

Descriptors: animal biology, animal evolution, zoology, scientific theory, development, impact on thinking of the period.

Carter, H.B. (ed.). *His Majesty's Spanish Flock, Sir Joseph Banks and the Merinos of George III of England, 1738-1820*. [Sydney, Australia]. Angus & Robertson, [1964]. 520 p., ill. (part col.), facsim., maps (on lining papers). Note: Bibliography: p. 455-467.

NAL Call Number: 45 C242

Descriptors: Merino sheep, Sir Joseph Banks 1743-1820, George III (the third) King of Great Britain 1738-1820, historical information on sheep.

Carter, Harold, B. (ed.). *The Sheep and Wool Correspondence of Sir Joseph Banks, 1781-1820*, [London]: British Museum (Natural History) [for] the Library Council of New South Wales, 1979. xxx, 641 p., leaf of plate, 6 p. of plates: ill., facsim., map, plan, port. Note: Bibliography: p. 589-615. Includes some letters in French. Includes index.

NAL Call Number: SF373.M5S48

Descriptors: Merino sheep, Great Britain, history sources, wool industry, agriculturists, correspondence, Harold Burnel Carter.

Cartmill, Matt. *A View to a Death in the Morning: Hunting and Nature through History*. Cambridge, Mass. Harvard University Press, 1993. xiii, 331 p., ill. references (p. [289]-319) and index.

NAL Call Number: GN388.C37 1993

Descriptors: hunting and gathering societies, hunting history, human-animal relationships, animals symbolic aspects, hunting stories.

Castle, William E. **Contributions to a knowledge of inheritance in mammals.** Castle, W.E. **I. Studies of color inheritance and of linkage in rabbits.** Feldman, Horace W. **II. Fertility and sterility in the Norway rat, *Mus norvegicus*.** Gates, William Hazen. **III. The Japanese waltzing mouse: its origin, heredity and relation to the genetic characters of other varieties of mice.** [Washington, D.C.], Carnegie Institution of Washington, 1926. 1 p., 138 p., plates, diagrs. *Carnegie Institution of Washington Publication*, no. 337.

NAL Call Number: 442 C27C

Descriptors: inheritance, mammals, genetics, rabbits, Muridae, dancing mice, Norway rat, Japanese waltzing mouse, heredity, Mendel's law.

Catesby, Mark and Alan Feduccia (editor). **Catesby's Birds of Colonial America.** Chapel Hill, [N.C.]. University of North Carolina Press, c1985. 176 p., [22] p. of plates: ill. (some col.). Bibliography: p. [171]-172. *The Fred W. Morrison Series in Southern Studies*. Note: Includes text: **The Natural History of Carolina, Florida and the Bahama Islands by Mark Catesby.**

NAL Call Number: QL683.A87C38 1985

Descriptors: natural history, birds, Colonial America, native species, North Carolina, South Carolina, Florida, Bahama Islands, illustrations.

Catlin, George. *North American Indians: Being Letters and Notes on their Manners, Customs, and Conditions, Written During Eight Years= Travel Amongst the Wildest Tribes of Indians in North America, 1832-1839*. Philadelphia, [PA]. Leary, 1913. 2 vols.

NAL Call Number: 138 C28

Descriptors: North America, Indians, Native Americans, manners, customs, conditions, travel, eight years of travel diary and letters 1832-1839, painter, explorer, Western U.S., George Catlin 1796-1872.

Cato, Marcus Porcius and Ernest Behaut (Translator). **Cato, the censor, on farming.** New York, [NY]. Columbia University Press. 1933. xiv, [3], 156 p., front., ill. (incl. plans) pl. *Records of Civilization, Sources and Studies* no. XVII. Note: ASelected bibliography@ p. [147]-150.

NAL Call Number: 38.8 C29C

Descriptors: Roman agriculture, animals during the Roman period, historical animal production systems, animal husbandry, Marcus Porcius Cato 234-149 B.C.

Cato, Marcus Portius. **Marcus Porcius Cato, on agriculture, Marcus Terentius Varro, on agriculture with an English translation by William Davis Hooper ... revised by Harrison Boyd Ash ...** Cato, Marcus Porcius, and Varro, Marcus Terentius. Cambridge, MA. Harvard University Press. London, [Great Britain]. W. Heinemann, Ltd. 1934. xxv, 542, [2] p. Series: *The Loeb Classical Library*. [Latin authors]. Note: Bibliography: p. xxiii-xxv. APrinted in Great Britain.@ Latin and English on opposite pages. More on Roman agriculture. Other authors: Marcus Terentius Varro. **Rerum Rusticarum Libri Tres**; William Davis Hooper 1869; Harrison Boyd Ash. Other title: *Marcus Terentius Varro, on Agriculture*.

NAL Call Number: 30.8 C29O

Descriptors: Roman agriculture, Roman animals, Roman agronomists, Marcus Porcius Cato 234-149 B.C., Marcus Terentius Varro, Latin, English, William Davis Hooper, 1869-, Harrison Boyd Ash 1934 edition, *The Loeb Classical Library* [Latin authors] series, Massachusetts, Harvard University Press, bibliography.

Cato, Marcus Porcius, et al. See also: Gesner, Johann Matthias 1691-1761. Harrison, Fairfax, ed. **Roman Farm Management: the Treatises of Cato and Varro done into English with Notes of Modern Instances, by a Virginia Farmer.** New York, [NY]. The Macmillan Company. 1913. xii p., 1 leaf, 365 p. Note: Preface signed: F.H. (i.e. Fairfax Harrison). Note upon the Roman agronomists. Note on the obligation of Virgil to Varro. Cato=s **De Agricultura**. Varro=s **Rerum Rusticarum Libri Tres**. Other authors: Marcus Terentius Varro, Fairfax Harrison 1869-1938.

NAL Call Number: 30.8 C29R

Descriptors: Roman agriculture, Roman animals, Roman agronomists, treatises, Marcus Porcius Cato 234-149 B.C., Marcus Terentius Varro, Fairfax Harrison 1869-1938.

Chapin, Howard M. and William and Mary College Library. **The Peter Chapin Collection of books on dogs, a short-title list, by Howard M. Chapin.** [William and Mary College?], Williamsburg, Va., 1938. 2 p. l., [3]-131 p. pl. *Bulletin of the College of William and Mary in Virginia*. Vol. 32, no. 7.

NAL Call Number: 241.73 C36

Descriptors: dogs, books on dogs, Peter Chapin Collection, Howard M. Chapin 1887-1940, illustrated works, plates, 1938 edition.

Charalambopoulos, Alexander. **Ein kritischer beitrag zur geschichte des griechischen pferdes und rindes.** [A Critical Essay on the History of Greek Horses and Cattle. Bern, [Switzerland]. Buchdruckerei Ott & Bolliger, 1916. 50 p. Note: ALiteratur@: p. 49-50. Inaug. diss. Bern. In German.

NAL Call Number: 40 C37

Descriptors: domestic animals, horses, cattle, historical information, Greek history, history, Switzerland.

Chivers, Keith. **The Shire Horse: a History of the Breed, the Society and the Men.** London, [England]. J.A. Allen, 1976. xxix, 834 p., [40] p. of plates: ill. some col., references and indexes. Facsimile edition.

NAL Call Number: SF293.S56C47

Descriptors: horse history, domestic animals, Shire horse breed history, development of the breed, uses in English society.

Claus, Daniel, Conrad Weiser, Helga Doblin and William A. Starna. **The journals of Christian Daniel Claus and Conrad Weiser: a journey to Onondaga, 1750, translated and edited by Helga Doblin and William A. Starna.** Philadelphia, [PA]. American Philosophical Society, c1994. 64 p., ill., map. Series: *Transactions of the American Philosophical Society*, 0065-9746, vol. 84, pt. 2. Note: Includes map, bibliographical references (p. 59-61) and index. Translated from German.

NAL Call Number: 500 P533T v. 84 pt. 2

Descriptors: journals, travel, original in German, English translation, journey to Onondaga 1750, Helga Doblin translator and editor, William A. Starna assistant translator and editor, map, illustrations, bibliography, index, Daniel Claus 1727-1787, Conrad Weiser 1696-1760, 1994 edition.

Clausen, Hjalmar, M.M. Ipsen and Johannes Enjar. **Farm Animals in Colour.** London, [Great Britain]. Blandford Press, [1970]. 181 p., ill. Note: An English translation from Danish title *Husdyr i Farver*.

NAL Call Number: SF76.C52

Descriptors: domestic animals, farm animals, English translation, color illustrations.

Clutton-Brock, Juliet. *Cats, Ancient and Modern*. Cambridge, Mass. Harvard University Press, 1993. 96 p., ill. (some col.) references (p. 94-95) and index.

NAL Call Number: SF442.6.C58 1993

Descriptors: domestic animals history, history of the development of cats, ancient cats types, modern cats breeds.

Clutton-Brock, Juliet. *Domesticated Animals from Early Times*. Austin, [TX.], 1st Univ. of Texas Press, and London, [England], British Museum (Natural History), 1981. 208 p., ill. (some col.), maps. Bibliography: p. 200-205. Includes index.

NAL Call Number: SF41.C58 1981

Descriptors: domestic animals, history, animal use and history.

Clutton-Brock, Juliet. *Horse Power: a History of the Horse and Donkey in Human Societies*. Cambridge, Mass. Harvard University Press, 1992. 192 p., ill. (some col.), maps. Note: In 3 parts. **Pt. I. Wild horses and asses** Family Equidae--Wild horses and asses in historic times. **Pt. II. Equids that are without pride of ancestry or hope of posterity--Hybrids and the breeding of mules.** **Pt. III. History of the domestic horse, donkey and mule--Earliest domestication of the horse and the ass--First wheeled transport, horse-Riding, the stirrup, and nose slitting--Equids in ancient Egypt and western Asia, and the enigma of the onager--Horses of Scythia and the Orient--Equids in the classical world--Equids in the Middle Ages--Conquest of the Americas--Equids in agriculture, transport, exploration, and warfare--History of horse racing.**

NAL Call Number: SF283.C63 1992

Descriptors: history of uses of equids, horses, donkeys, mules, Equidae, ancient Egypt, western Asia, classical world, Middle Ages, conquest of the Americas, agricultural transport uses, exploration, warfare, wild horses, breeding mules, human societies and use of equids, impacts on societies.

Clutton-Brock, Juliet and the Natural History Museum. *A Natural History of Domesticated Mammals*. 2nd edition. Cambridge, U.K., New York, NY, Cambridge University Press, [London, England], Natural History Museum, 1999. viii, 238 p., ill. (some col.), maps, references (p. [227]-233) and index. AFirst published in paperback in 1987. Formerly published in hardback as *Domesticated Animals from Early Times*.

NAL Call Number: SF41.C58 1999

Descriptors: domesticated mammals, natural history, species, uses.

The Clydesdale Horse Society of the United Kingdom of Great Britain and Ireland. *The Clydesdale Horse. A History with Illustrations*. Issued by authority of the Council of the Clydesdale Horse Society. Glasgow, Scotland. 1920. 15, [1] p. plates, groups of ports. Note: Plates printed on both sides.

NAL Call Number: 42 C62

Descriptors: Clydesdale horse, development of the breed, uses, history, Clydesdale Horse Society, United Kingdom.

Coates, Henry Troth Coates. *A Short History of the American Trotting and Pacing Horse. The American Trotting Turf in 1899 and 1900, by A.M. Gillam, and What to do before the Veterinary Surgeon Comes, by G. Fleming ...* Philadelphia, [P.A.]. Coates & Co., 1901. 148 p., front., pl. Note: Copyright by Henry T. Coates & Co., Philadelphia, P.A. Class A., xxc, no. 16218, Sept. 5, 1901, 2 copies rec=s Sept. 6, 1901.

NAL Call Number: 42 C63

Descriptors: horse racing, American trotting horse history, American pacing horse history, Henry Troth Coates 1843-1910, horse diseases, race horses, A.M. Gillam, George Fleming 1833-1901, 1901 edition, Pennsylvania, illustrations, frontispiece, plates, preparation for veterinary surgeon.

Coburn, Foster Dwight. *Swine in America, a Text-Book for the Breeder, Feeder & Student*. New York, [N.Y.]. O. Judd Company, [etc.] 1909. xv, 614 p. incl. front., ill., col. pl., plates.

NAL Call Number: 46 C63SW

Descriptors: swine, American swine, swine husbandry, breeding, feeding, pigs.

Coker, Robert Ervin. *The Protection of fresh-water mussels*. Washington, [D.C.]. G.P.O., 1914. 23 p., plates. *United States. Bureau of Fisheries Doc.*, 793. Note: At head of title: Department of Commerce and Labor.

NAL Call Number: 437 C66

Descriptors: mussel fisheries, fresh-water mussels, fishery law and legislation, protection, Department of Commerce and Labor, United States Bureau of Fisheries series.

Colbert, Edwin, H. *Evolution of the Vertebrates, a History of the Backboned Animals Through Time*. 2nd ed. New York, [N.Y.]. Wiley, [c1969]. 535 p., ill. Note: Bibliography: p. 488-496.

NAL Call Number: QE841.C6 1969

Descriptors: vertebrates history, backboned animals, paleontology, evolution.

Coleman, William. *Georges Cuvier, Zoologist, a Study in the History of Evolution Theory*. Cambridge, Mass., Harvard University Press, 1964. x, 212 p., ill., ports. Note: Bibliography: p. 191-196.

NAL Call Number: 411 C982

Descriptors: Baron Georges Cuvier 1769-1832, zoology, evolution theory history, biography.

Columnella, Lucius Junius Moderatus. **On agriculture with a recension of the text and an English translation by Harrison Boyd Ash ... Columella, Lucius Junius Moderatus**. Cambridge, Mass.: Harvard University Press, London, [Great Britain]: W. Heinemann Ltd. 1941-1955. 3 vols. *Loeb Classical Library*. [Latin authors]. Note: Bibliography: vol. 1, p. xxiii-xxvii. Printed in Great Britain. Latin and English on opposite pages.

NAL Call Number: 30.8 C72Ag

Descriptors: agriculture early works to 1800, Harvard University Press edition, 1941-1955, *Loeb Classical Library* series, Latin authors, ancient Roman authors, animal history, Lucius Junius Moderatus Columella ca. 67 A.D.

Coues, Elliott. **The Fur-bearing animals of North America**. New York, [N.Y.] Arno [Press], [1970]. 348 p., ill. *United States Geological and Geographical Survey of the Territories Miscellaneous Publications*, no. 8. Note: This is a reprint of the 1877 edition with the title: *FurBearing Animals: a Monograph of North American Mustelidae. American Environmental Studies*. Includes bibliographical references.

NAL Call Number: QL737.C25C6 1970

Descriptors: fur-bearing mammals, North American mammals, history, Mustelidae.

Crail, Ted. *Apetalk & Whalespeak: the Quest for Interspecies Communication*. 1st. ed. Los Angeles, [CA]. J.P. Tarcher. Boston, [Mass.]. Distributed by Houghton Mifflin, c1981. xiv, 298 p., [8] p. of plates, ill.

NAL Call Number: QL776.C7 1981

Descriptors: human-animal communication, apetalk, whalespeak, illustrations, interspecies communication.

Cripps-Day, Francis Henry, Walter de Henley, Jacques Beillot and Robert Grosseteste. *The Manor Farm by Francis Henry Cripps-Day, to which are Added Reprint-Facsimiles of The Boke of Husbandry, an English Translation of the XIIIth Century Tract on Husbandry by Walter of Henley, Ascribed to Robert Grosseteste and Printed by Wynkyn de Worde, c. 1510, and The Booke of Thrift, Containing English Translations of the Same Tract and of The Anonymous XIIIth Century Tract Hosebondrie, by James Bellot, Printed in 1589*. Cripps-Day, Francis Henry. London, [Great Britain]. B. Quartich, Ltd. 1931. xxxviii, 114 p., 3 l., 18 (i.e. 27), [1] p., 1 l., [30] p.: pl. (facsim.). Note: Contains bibliography. Error in paging: p. 25-27 (*The Booke of Thrift*) numbered 22, 23, 18. Note also: Forewords. Walter of Henley. *Hosbondrie* [author unknown]. *Seneschaucie* [author unknown]. *Les Reules Seynt Roberd* [by Robert Grosseteste]. *The Boke of Agriculture*, by Ibn-al-Auwam. *The Booke of Thrift*, by James Bellot, 1589. Extracts from: *Fleta translated into English. Stupor mundi*. Reprint facsimile of *The Booke of Thrift*. Reprint facsimile of *The Booke of Husbandry*, Ascribed to Robert Grosseteste, Bishop of Lincoln, printed by Wynkyn de Worde, circa 1510. Other authors and titles: Henley, Walter de. 13th cent. *Dite de Hosebondrie*, Bellot, Jacques, f. 1580. I, Grosseteste, Robert, 1175?-1253, *Fleta-Fleta, seu commentarius juris anglicani sic nuneupatus ...*

NAL Call Number: 30.8 C862

Descriptors: agriculture early works to 1800, agriculture England history, plant and animal husbandry, bibliography early printed books 16th century facsimiles, Francis Henry Cripps-Day ca. 1589?, 1931 reprint edition, Walter de Henley 13th cent., Jacques [James] Bellot fl.1580, Robert Grosseteste 1175?-1253, Ibn-al-Auwam.

Croke, Vicki. *The Modern Ark: the Story of Zoos: Past, Present, and Future*. New York, [NY]. Scribner, c1997. 272 p., ill

NAL Call Number: QL76.C76 1997

Descriptors: zoos, history, modern ark, zoo animals, role of zoos.

Crowe, Philip Kingsland. *The Empty Ark*. New York, [N.Y.], Scribner, 1967. xvi, 301 p., ill., maps.

NAL Call Number: S962.C72

Descriptors: wildlife conservation, rare animals, empty ark, New York.

Cunningham, Joseph Thomas. *Hormones and Heredity: a Discussion of the Evolution of Adaptations and the*

Evolution of Species by J.T. Cunningham. London, [Eng.]: Constable, 1921. xx, 246 p., 3 leaves of plates: ill. (some col.).

NAL Call Number: 443 C91

Descriptors: hormones, heredity, animal species evolution, endocrinology, Mendel=s law, Gregor Mendel.

Daglish, Eric Fitch. *The Book of Garden Animals, Being a Natural History of Garden Animals, including Mammals, Birds, Reptiles, Amphibians, Snails and Slugs, Spiders, Millipedes, Centipedes, Insects, etc. by E. Fitch Daglish.* London, [England]. Chapman and Hall, Ltd., 1928. xi, 212 p., 1 front., ill., plates. Note: Other title: *Garden Animals.*

NAL Call Number: 411 D133

Descriptors: garden animals, animal history, natural history, mammals, birds, reptiles, zoology, amphibians, snails, slugs, spiders, millipedes, centipedes, insects, England.

Darbishire, Arthur Dukinfield. *Breeding and the Mendelian Discovery by A.D. Darbishire.* London, [Eng.], and New York, [N.Y.], Cassell, 1911. xii, 282 p., ill. (some col.).

NAL Call Number: 443 D24

Descriptors: animal breeding, heredity, Mendelian discovery, Gregor Mendel=s law.

Darwin, Charles and Nora Darwin Barlow. *Charles Darwin and the Voyage of the Beagle, edited with an Introduction by Nora (Darwin) Barlow.* New York, [N.Y.]. Philosophical Library. [1946]. 279 p., front. (group port.), plates, maps (1 fold.), 2 facsim. on 1 l. Note: Bibliography, p. 4-. Contains author=s notebooks of the voyage and his letters home.

NAL Call Number: 409 D25C

Descriptors: H.M.S. Beagle voyage, Beagle expedition, Darwin=s notebooks of voyage and letters home, observations of people, animals, geography, climate, natural history, birds.

Darwin, Charles and John Stevens Henslow. *Darwin and Henslow, the Growth of an Idea. Letters, 1831-1860.* [London, Great Britain]. Bentham-Moxon Trust, [1967]. 251 p., ill. Note: Bibliography, p. 217-220.

NAL Call Number: QH365.L4

Descriptors: Henslow discusses botany, Darwin discusses animal evolution, evolutionary theories, speciation, reasons for animal differences.

Darwin, Charles and Stanley Edgar Hyman. *Darwin for Today. The Essence of his Works.* New York, [NY]. Viking Press. [c. 1963], 435 p. Note: bibliographical footnotes.

NAL Call Number: QH311.D3

Descriptors: Charles Darwin 1809-1882, Stanley Edgar Hyman, biology, evolution.

Darwin, Charles and George John Romanes. *Mental Evolution in Animals with a Posthumous Essay on Instinct by Charles Darwin.* New York, [NY]. AMS Press, [1969]. Note: Reprint of the 1884 ed. 411 p., ill.

NAL Call Number: QL785.R6 1969

Descriptors: mental evolution of animals, posthumous essay, Darwin=s theories on instinct, instinctive behaviors.

Darwin, Charles. *A Naturalist=s voyage round the world in H.M.S. >Beagle= by Charles Darwin.* London, [Great Britain]. H. Milford, Oxford University Press, [1930]. vi, 530 p., ill. Series: *The World=s Classics*, 360.

NAL Call Number: 409 D25 1930

Descriptors: Beagle voyage, Beagle expedition, natural history, geology, South America description and travel, voyages around the world, historical explorers.

Darwin, Charles, Sir Gavin De Beer and Society for the Bibliography of Natural History. **Questions About the breeding of animals. With an introduction by Sir Gavin de Beer.** Series: *Sherborn Fund Facsimile*, no. 3. Charles Darwin. London, [Great Britain]. Society for the Bibliography of Natural History, 1968. 8 p. Note: This is a facsimile of the 1840 pamphlet. Other authors: Sir Gavin De Beer 1899-1972, Society for the Bibliography of Natural History.

NAL Call Number: SF105.D32 1968

Descriptors: animals breeding, breeding questions, Sherborn Fund publication, 1968 facsimile of 1840 pamphlet, Great Britain, Society for the Bibliography of Natural History, Charles Darwin 1809-1882, Sir Gavin de Beer 1899-1972.

Darwin, Francis ed. *The Variation of Animals and Plants Under Domestication by Charles Darwin, edited by Francis Darwin.* Popular edition. London, [Great Britain]. J. Murray, 1905. Note: 2 vols., ill. Note: Includes

bibliographical references and index.

NAL Call Number: 443 D25A Ed. 2 1905

Descriptors: variation (biology), domestic animals, cultivated plants, species, cultivars, strains.

Davies, C.J. *Goat-Keeping in War-Time*. [London] ACountry Life@ [etc.]. New York, [N.Y.], C. Scribner=s Sons, [1917?]. 30 p.

NAL Call Number: 40.1 D28

Descriptors: goats, goat-keeping, uses, husbandry, war time, London.

Davis, Patrick, David Channer, Anthony Austin Dent and Frederick Eberband Zeunuer. *Animals that Changed the World*. New York, [N.Y.]. Crowell-Collier, [c1968]. 121 p., ill. Note: AAdapted from *A History of Domesticated Animals* by F.E. Zeuner@ (NAL Call Number: SF41.Z4).

NAL Call Number: SF41.D3

Descriptors: domestic animals, historical view, theory of origin, livestock species.

De Beer, Sir Gavin R. **Embryos and ancestors by G.R. de Beer**. Oxford, [England], The Clarendon Press, 1940. x, 108 p., ill., plates. *Monographs on Animal Biology*. Note: Updated and enlarged.

NAL Call Number: 422 D352E 1940

Descriptors: embryology, ancestors, evolution, animal biology.

De Beer, Sir Gavin R. **Vertebrate zoology, an introduction to the comparative anatomy, embryology, and evolution of chordate animals**. [New ed.] London, [England], Sidgwick and Jackson, [1951]. xv, 435 p., ill. *Textbooks of Animal Biology*.

NAL Call Number: 444 D353 1951

Descriptors: vertebrate zoology, comparative anatomy, embryology, evolution chordate animals, animal biology, animals with backbones.

De Courcy, Catherine and Vic. Ringwood. *The Zoo Story. The Animals, the History, the People*. [Australia]. Penguin Books Australia, New York, N.Y. Viking Penguin, 1995. 290 p., [12] p. of plates: ill. (some col.).

NAL Call Number: QL76.D44 1995

Descriptors: zoo animals, zoo history, educational aspects of zoos.

Delepine, Sheridan. *Anthrax Report to the Sub-Committee Appointed by the County Executive Committee of the Local Authority under the Diseases of Animals Act, 1899*. Chester, [England], Phillipson and Golder. [1905], 100 p.

NAL Call Number: 41 D372A

Descriptors: anthrax report, animal diseases, Diseases of Animals Act, 1899, England.

Denhardt, Robert Moorman. *The Horse of the Americas* [by] **Robert M. Denhardt**. Foreword by **J. Frank Dobie**. Norman, [OK]. University of Oklahoma Press. [1975]. 343 p., ill. Note: New edition., revised and enlarged.

NAL Call Number: SF284.A6D4 1975

Descriptors: horses, American horse, horse history, horse breeds, United States.

Dennis-Bryan, Kim and Juliet Clutton-Brock. *Dogs of the Last Hundred Years at the British Museum (Natural History)*. London, [Great Britain]. The Museum, c1988. 116 p.

NAL Call Number: SF422.5.D4

Descriptors: dogs, illustrated history, dogs, last hundred years, British Museum of Natural History, Great Britain.

Deperet, Charles. **Transformations du monde animal**. [The Transformations of the animal world]. London, [Great Britain]. K. Paul, Trench, Trubner, 1909. xvi, 360 p. *International Scientific Series*, vol. 94. Note: An authorized translation from French to English.

NAL Call Number: 443 D44

Descriptors: paleontology, evolution, animal evolution theory.

Descour, L. and Annie F. and Bernard Harry Wedd (Transl.). [*Pasteur and his Work by L. Descour, Trans. from the French by A.F. & B.H. Wedd*]. London, [England]. T.F. Unwin, 1923. 256 p. port.

NAL Call Number: 120 P2D

Descriptors: Louis Pasteur 1822-1895, biography.

Dent, Anthony Austin. *Donkey, the Story of the Ass from East to West*. London, [Great Britain]. Harrap. [1972]. 175 p., ill.

NAL Call Number: SF361.D37

Descriptors: donkey, asses, history, uses, behaviors, characteristics.

Dent, Anthony Austen and Julian Hall. *The Horse through Fifty Centuries of Civilization*. London, [Great Britain]. Phaidon Press. 1974. 288 p., ill. (some col.).

NAL Call Number: SF283.D43

Descriptors: horses, history, fifty centuries, uses, breeds, care, domestication, horses.

Donaldson, Malcolm Drew. *The Domestic cat in Roman civilization*. Lewiston, NY. Edwin Mellen Press, c1999. 179 p., [22] p. of plates: ill. (some col.). *Studies in Classics*, vol. 9. Note: includes bibliographical references (p. 151-158) and index.

NAL Call Number: SF442.63.R35D65 1999

Descriptors: domestic cats, cats in Roman life, Roman history, cats in art, cats in literature.

Donkin, R.A. *The Peccary--with observations on the introduction of pigs to the new world*. Philadelphia, [P.A.]. American Philosophical Society, 1985. 152 p., ill., maps. *Transactions of the American Philosophical Society*, vol. 75, pt. 5.

NAL Call Number: 500 P533T v. 75 pt. 5

Descriptors: pigs, New World introduction of pigs, peccary, behavior, characteristics, range.

Downs, James F. *Animal husbandry in Navajo society and culture*. Berkeley, [CA]. University of California Press, 1964. 104 p., ill., map. *University of California Publications in Anthropology*, vol. 1.

NAL Call Number: 40 D75

Descriptors: animal husbandry, anthropology, Navajo society, domestic animals of the Indians of North America, Native American systems of taking care of animals, Arizona.

Drimmer, Frederick and George Gilbert Goodwin. *The Animal Kingdom, the Strange and Wonderful Ways of Mammals, Birds, Reptiles, Fishes, and Insects. A New and Authentic Natural History of the Wildlife of the World* [by] George G. Goodwin [and Others], Frederick Drimmer, Editor-in-Chief. New York, [N.Y.]. Greystone Press, [1954]. 3 vols. (xl, 2062 p.), ill. (part col.). Note: vol. 1. *Mammals*, vol. 2. *Mammals, Birds, Amphibians and Reptiles*, vol. 3. *Fishes, Insects and Other Invertebrates*.

NAL Call Number: 411 An52

Descriptors: animal kingdom, mammals, birds, reptiles, fishes, insects, natural history, wildlife, three volumes, invertebrates, zoology, animals, animal behavior.

Driver, Ernest Charles. *Name that Animal, a Guide to the Identification of the Common Land and Fresh-Water Animals of the United States, with Special Reference to the Area East of the Rockies. With Drawings by Olive Driver*. [Northampton? Mass., 1950]. 558 p., ill.

NAL Call Number: 411 D83 1950

Descriptors: animals, United States, land animals, fresh-water animals, identification, field guides.

Dubois, Jean. *Les animaux de Buffon a Walt Disney. [The Cartoon Animals from Buffon to Walt Disney]*. Paris, [France]. Foulon, 1947. 60 p. Note: Thesis - Ecole nationale veterinaire d=Alfort. Note: In French.

NAL Call Number: 40 D85

Descriptors: Walt Disney 1901-1966, cartoon animals, cartoon characters, animals in motion pictures.

Eisler, Ronald and Andre E. Belisle. *Planar PCB hazards to fish, wildlife, and invertebrates: a synoptic review*. Washington, D.C.: U.S. Dept. of the Interior, National Biological Service, [1996]. iv, 75 p., ill. *Contaminant Hazard Reviews Report*, 31, *Biological Report*, 96-31. Note: Includes bibliographical references (p. 62-75). AAugust 1996.@

NAL Call Number: QH540.U562 no. 31

Descriptors: contaminant hazards, hazards fish, hazards wildlife, hazards invertebrates, biology, illustrations.

Elmer, Charles Herber (ed.). *Correspondence between Spencer Fullerton Baird and Louis Agassiz - two pioneer American naturalists*. Smithsonian Institution, 1963. 237 p., [16] p. of plates, ill., facsimils., ports. *Publication Smithsonian Institution*, 4515.

NAL Call Number: 409 B163

Descriptors: birds, quadrupeds, naturalists nineteenth century, illustrations, facsimiles, portraits, correspondence, Spencer Fullerton Baird 1823-1887, Louis Agassiz 1807-1873.

Elton, Charles Sutherland. *Animal ecology, by Charles Elton, with an introduction by Julian S. Huxley*. London,

[England]. Sidgwick & Jackson, Ltd., 1927. 207 p., ill. *Text-Books of Animal Biology*, ed. by Julian S. Huxley.

NAL Call Number: 411 E18

Descriptors: animals, biology, animal ecology, habitats, niches.

Evans, Edward Payson. *Animal Symbolism in Ecclesiastical Architecture*. Detroit, [MI]. Gale Research Co., 1969. xii, 375 p., ill. This is a reprint of the 1896 edition. Bibliography: p. [343]-349.

NAL Call Number: N7831.E8 1969

Descriptors: animal symbolism, ecclesiastical architecture, Christian art and symbolism, animals in art, 1969 reprint edition.

Evans, Edward Payson. *The Criminal Prosecution and Capital Punishment of Animals by E.P. Evans*. London, [England], and Boston, [Mass.]. Faber, 1987, c1906. xxxi, 336 p., ill. Bibliography: p. 314-323. Note: Facsim. of ed. published London, [England]: Heinemann, 1906.

NAL Call Number: GT6715.E93 1987

Descriptors: animals, prosecution and punishment of, Europe history, animal welfare, facsimile of 1906 edition.

Evarts, Hal George and Charles Livingston Bull. *The Passing of the Old West, by Hal G. Evarts, with illustrations by Charles Livingston Bull*. Boston, [Mass.]. Little, Brown, and Company, 1921. 234 p., front., plates. Note: APublished serially as >Old-Timer=.@ -1932.

NAL Call Number: 125 Ev1

Descriptors: game animals, game protection in the United States, history, native animals, populations, hunting pressure.

Finbert, Elian J. *Histoires de chats. [History of cats]*. Paris, [France]. Amiot-Dumont, [1954]. 199 p. *Les Plus Belles Histoires de Bêtes*. Note: In French.

NAL Call Number: 48 F49H

Descriptors: cats, history of cats.

Fisher, Janes. *Zoos of the world: the story of animals in captivity*. Garden City, N.Y. American Museum of Natural History by the Natural History Press, 1967. *Nature and Science Library*. 253 p., ill. (some col.), col. maps.

NAL Call Number: QL76.F57 1967

Descriptors: zoos, world zoos, zoo animal collection, the role of zoo collections in conservation and education, natural history, animals in captivity.

Fitter, Richard Sidney Richmond. *Vanishing Wild Animals of the World*. New York, [N.Y.]. Watt, [1968]. 144 p., ill., maps (part col.).

NAL Call Number: QL88.F5

Descriptors: wild animals, animal extinction, mammals, zoology, wildlife conservation.

Fitzhugh, H.A. et al. *The Role of Ruminant in Support of Man*. Morrilton, Ark. Winrock International Livestock Research and Training Center, 1978. 136 p., ill.

NAL Call Number: SF197.R62

Descriptors: ruminants, livestock, humans and animals, animals and civilization.

Fleharty, Eugene D. *Wild Animals and Settlers on the Great Plains*. Norman, [Oklahoma]. University of Oklahoma Press, c1995. xvii, 316 p., ill., map.

NAL Call Number: QL85.F58 1995

Descriptors: wild animals, settlers and animals, Great Plains, human-animal relationships history, nineteenth century, human-animal relationships, Kansas, Prairie ecology, Great Plains history.

Fletcher, Robert Henry and Charles Marion Russell. *Free Grass to Fences: the Montana Cattle Range Story*. New York, [N.Y.]: University Publishers for the Historical Society of Montana, c1960. xii, 233 p. [48] p. of plates, ill.

NAL Call Number: 286.343 F63

Descriptors: cattle, range history, Historical Society of Montana, cattle trade, frontier life, pioneer life, Montana.

Foster, Henry L., David Small and James G. Fox. *The Mouse in biomedical research*. New York, [N.Y.]: Academic Press, 1981. v. ill. *American College of Laboratory Animal Medicine Series*. vol. 1. **History, genetics, and wild mice**. vol. 4. **Experimental biology and oncology**.

NAL Call Number: QL737.R638M6

Descriptors: mice, wild mice, mice breed for research, mice as laboratory animals, biomedical research, history,

genetics, biology, oncology, cancer research.

Foster, Sir Michael, Francis M. Balfour, Adam Sedgwick and Walter Heape. *The Elements of Embryology*. London, [England], New York, [N.Y.], Macmillan, 1902. xiv p., 1 l., 486 p., ill.

NAL Call Number: 442 F81

Descriptors: embryology, structures, physiology, formation, development, functional activities of embryos.

Fouty, Gary (compiler). **Death of the dinosaurs and other mass extinctions, compiled by Gary Fouty**. Phoenix, Ariz. Oryx Press, 1987. 91 p. *Oryx Science Bibliographies*, vol. 10.

NAL Call Number: Z6033.P2F68

Descriptors: dinosaurs, bibliography, extinction, theories.

Fowler, Harlan Davey. **Camels to California, a chapter in western transportation**. Stanford, Calif., Stanford University Press, [c1950]. xi, 93 p., ill., ports., map [on lining papers]. *Stanford Transportation Series*, 7.

NAL Call Number: 138 F82

Descriptors: camels, California, camels used for transportation, western United States, history.

Fox, Charles Philip. *Working Horses: Looking Back 100 Years to America=s Horse-Drawn Days: with 300 Historic Photographs*. 1st edn. Whitewater, Wis. Heart Prairie Press, c1990. vi, 249 p., ill.

NAL Call Number: SF311.3.U6F7 1990

Descriptors: draft horses, United States history, pictorial works, horse drawn vehicles, illustrations, historic photographs.

Fox, Michael W. *The Dog: his Domestication and Behavior*. New York, [N.Y.]: Garland STMP, 1978. vii, 296 p., ill.

NAL Call Number: SF433.F69

Descriptors: dogs, Canidae, behavior, effects of domestication.

Franklin, Adrian. *Animals and Modern Cultures: a Sociology of Human-Animal Relations in Modernity*. London, [Great Britain]. Sage, 1999. 213 p., ill

NAL Call Number: QL85.F73 1999

Descriptors: animals in modern cultures, human-animal relationships, societal attitudes, changes in attitudes regarding animals.

Fraser, Andrew Ferguson. *Founding Horses: the Working Horses and their People in Canada=s Past*. St. John=s, Nfld. [Canada]. Creative, 1991. xvi, 182.

NAL Call Number: SF311.3.C2F72 1991

Descriptors: horses, working horses, founding horses, horse people, draft horses, Canadian history, role of horses in Canadian development.

French, Richard D. *Antivivisection and Medical Science in Victorian Society*. Princeton, N.J. Princeton University Press, [1975]. vii, 425 p., ill.

NAL Call Number: HV4943.G7F73

Descriptors: vivisection, Victorian society, anti-vivisection, medicine Great Britain, history, animal welfare, animal testing alternatives.

Fusonie, Alan and Donna Jean Fusonie compilers and eds. *A Selected Bibliography on George Washington=s Interest in Agriculture*. Davis, [CA]. Agricultural History Center, University of California, Davis, 1976. 46 p. Note: A cooperative project by the Agricultural Group, U.S. Dept. of Agriculture, and the Agricultural History Center. Includes index.

NAL Call Number: Z5071.U5F8

Descriptors: George Washington 1732-1799, bibliography, George Washington and agriculture, sheep, mules, cattle horses, livestock management, breeding, agricultural history, United States.

Garretson, Martin S. *The American Bison, the Story of its Extermination as a Wild Species and its Restoration Under Federal Protection*. New York, [N.Y.]. New York Zoological Society. [c. 1938]. xii p., 1., 254 p., front., ill., plates, port.

NAL Call Number: 412.7 G19

Descriptors: American bison, buffalo, American West, history, wild species extermination, restoration efforts, U.S. Federal Government program, illustrated work.

Gilbey, Sir Walter. *Farm Stock 100 Years Ago*. London, [Great Britain]. Vinton & Co., 1910. xvii p., 1 l., 154 p., col. front., plates, col. port.

NAL Call Number: 40 G37

Descriptors: farm animals, domestic animals, types, breeds, historical work, Great Britain.

Gilbey, Sir Walter. *Pig in Health and How to Avoid Swine Fever*. London, [Great Britain]. Vinton & Co., [1907?]. 2 p., 1., 46 p., front., plates, map, plans.

NAL Call Number: 46 G37

Descriptors: pigs, pig health, swine fever, avoiding swine fever, Great Britain.

Glover, Townsend. *Manuscript Notes from my Journal, or, Entomological Index, to Names, &c. in Agricultural Reports, with List of Vegetable and Animal Substances Injured or Destroyed by Insects, &c.* Washington, [D.C.]. Written by Townend Glover, transferred to and printed from stone by J.C. Entwisle, 1977. 1 p. 1, 103 l.

NAL Call Number: 422 G51M

Descriptors: manuscript notes, journal notes, insects, entomology, vegetable substances destroyed by insects, animal substances destroyed by insects

Goding, Harry and Joseph Austin Raub. **The 28-hour law regulating the interstate transportation of live stock: its purpose, requirements, and enforcement.** Washington, D.C. U.S. Dept. of Agriculture, 1918. 20 p., 5 p. of plates: ill., plans. *Bulletin. United States Department of Agriculture*, No. 589. Note: Caption title. January 5, 1918.

NAL Call Number: 1 Ag84B no. 589

Descriptors: livestock, interstate transportation livestock, 28-hour law, purpose, enforcement.

Gold, Mark. *Animal Century: a Celebration of Changing Attitudes to Animals*. Charlbury, Oxfordshire, [Great Britain?]. J. Carpenter, 1998. xi, 228 p.

NAL Call Number: HV4708.G62 1998

Descriptors: changing attitudes toward animals, Great Britain, animal welfare, animal rights, animal rights movement, animal rights activists.

Gompertz, Lewis and Charles R. Magel **Moral inquiries on the situation of man and brutes.** Lewiston, E. Mellen Press, 1997. xx, iii, 204 p., ill. *Mellen Animal Rights Library Series. Historical List*, vol. 2. Note: Includes bibliographical references. Originally published: London, [Great Britain]. Printed for the author and sold by Westley and Parrish, 1824.

NAL Call Number: HV4708.G59 1997

Descriptors: animal rights, moral inquiries, human-animal relationships, 1997 reprint of 1824 edition.

Grant, Watson and Elliot Lovegood. *Animals in Splendour*. New York, [N.Y.], Horizon Press, [c1967]. 153 p.

NAL Call Number: QL85.G7

Descriptors: animals and civilization, human-animal relationships, animal history.

Grant, Watson and Elliott Lovewood. *Profitable Wonders, Some Problems of Plant and Animal Life*. Illustrated by C.F. Tunnicliffe. London, [Great Britain]. Country Life, New York, [N.Y.], Scribner [1949]. 119 p., ill.

NAL Call Number: 411 G762

Descriptors: animal life problems, plant life problems, zoology, animal behavior, adaptation.

Grant, Watson, Elliot Lovegood and Barbara Greg (illust.). *Wonders of Natural History*. London, [Great Britain]. Pleiades Books, 1947. 192 p., ill. Note: Comprises all the stories in the author=s *Enigmas of Natural History* and all except two in its sequel, *More Enigmas of Natural History*.

NAL Call Number: 409 G76

Descriptors: natural history, enigmas, animal behavior, animal stories.

Greenwood, Major, Austin Bradfore Hill, William Whiteman Carlton Topley and J. Wilson. **Experimental epidemiology, by M. Greenwood, A. Bradford Hill, W.W.C. Topley and J. Wilson.** London, [Great Britain]. H.M. Stationery Off., 1936. 204 p., tables, diags. (part fold.). *Medical Research Council (Gt. Brit.) Special Report Series*, no. 209.

NAL Call Number: 448 G862

Descriptors: medical experiments, mice as animal models, animal disease, epidemics.

Great Britain. Committee on Humane Slaughtering of Animals and Sir Michael Foster. **Interim Report of the Royal**

Commission Appointed to Inquire into the Relations of Human and Animal Tuberculosis Presented to both Houses of Parliament by Command of His Majesty. Committee on Humane Slaughtering of Animals, London, [England]. Printed for H.M.S.O., by Wyman & Sons, Ltd., 1904. 7 p. [Parliament. Papers by command], Cd. 2092.
NAL Call Number: 448 G791
Descriptors: human and animal tuberculosis, human-animal relations tuberculosis, England, Great Britain, Royal Commission on Tuberculosis.

Great Britain. Committee on Humane Slaughtering of Animals. *Report of the Committee Appointed by the Admiralty to Consider the Humane Slaughtering of Animals: with Appendix.* Great Britain. Admiralty. Committee on Humane Slaughtering of Animals. London, [Great Britain]. Printed for H.H.S.O., by Wyman & Sons, Ltd., 1904. 26 p., plates (partly folded).
NAL Call Number: 50 G792
Descriptors: report, Committee on Humane Slaughtering of Animals, Great Britain, Admiralty, illustrated work.

Greenway, James Cowan Jr. *Extinct and Vanishing Birds of the World.* 2d. rev. ed. New York, [N.Y.], Dover Publications, 1967. xvi, 520 p., ill., maps.
NAL Call Number: QL676.7.G7 1967
Descriptors: world birds, extinct birds, rare birds, illustrated work.

Griffith, Beatrice Fox and C.L. Mellor. *Historic Dogs, an Outline in Pictures of the Story of the Dog, from the Earliest Records to the Present Day.* Haverford, PA. Griffith, Beatrice Fox Griffith, C.L. Mellor, [1953, c1952]. 87 p., ill.
NAL Call Number: 48 G87
Descriptors: dogs, history, illustrated work, early records of dogs.

Grinnell, George Bird. *The Last of the buffalo.* [New York, N.Y.]. Arno, [1970] edition. Note: Originally published in Scribner=s magazine, vol. XII, no. 3, Sept. 1892. 268-286 p., ill. *American Environmental Studies.*
NAL Call Number: QL737.U53G7
Descriptors: American bison, last of the buffalo, over hunting of the buffalo, events leading to the near extinction of the buffalo.

Grunberg, Hans. *The Genetics of the Mouse.* Cambridge, [Eng.] The University Press, 1943. xii, 412 p., ill., 14 pl., diags.
NAL Call Number: 443 G92
Descriptors: mouse genetics, genetics of mice, breeds, breeding, laboratory animals model.

Hall, Maurice Crowther. *The Dog as a carrier of parasites and disease.* Washington, D.C., U.S. Dept. of Agriculture, 1915. 27 p. *Bulletin. United States Department of Agriculture*, no. 260. November 23, 1915.
NAL Call Number: 1 Ag84B no. 260
Descriptors: dogs, dog as a diseases carrier, dog parasite carrier, disease vector, zoonotic diseases.

Hammond, John. *Farm Animals, their Breeding, Growth, and Inheritance.* New York, [N.Y.], Longmans, Green & Co., London, [England], E. Arnold & Co., 1940. viii, 199 p., ill., diags.
NAL Call Number: 40 H18
Descriptors: livestock animals, behavior, care, animals, farm animals, animal breeding, breed characteristics.

Hammond, John and Donald H. Boalch. *Prints and Paintings of British Farm Livestock, 1780-1910, a Record of the Rothamsted Collection, by D.H. Boalch, Librarian. With an Historical Sketch of the Development of British Farm Livestock Breeds as Represented in the Collection by John Hammond.* Rothamsted Experimental Station, Harpenden, Eng. Library. Harpenden, [England]. 1958. xxxiv, 126 p., ill., 32 plates.
NAL Call Number: 40 R742
Descriptors: British art, prints and paintings, British farm livestock, 1780-1910, Rothamsted Collection, Rothamsted Experimental Station, livestock breeds, agricultural history, domestic animals.

Harding, Arthur Robert. *Ferret Facts and Fancies, a Book of Practical Instructions on Breeding, Raising, Handling and Selling, also, their Uses and Fur Value.* Columbus, Oh., A.R. Harding, [c1915]. 214 p., incl. front., ill.
NAL Call Number: 40 H21
Descriptors: ferrets, ferret facts, breeding ferrets, raising ferrets, handling ferrets, animal breeding, animal behavior, ferret fur, fur value, ferret uses, illustrations, selling ferrets.

Harrison, Fairfax. *The Belair Stud, 1747-1761*. Richmond, VA. Priv. Print., Old Dominion Press. 1929. 3 p., 1., [9]-102 p., ill., 1 l. front., plates.

NAL Call Number: 42 H24B

Descriptors: horse breeding history, horse racing, Maryland.

Harrison, Fairfax. *Early American Turf-Stock, 1730-1830, being a Critical Study of the Extant Evidence for the English, Spanish and Oriental Horses and Mares to which are Traced the Oldest American Turf Pedigrees*. Richmond, VA., Priv. Print., The Old Dominion Press, 1934.

NAL Call Number: 42 H24E

Descriptors: horses, turf stock, early American horses, English horses, Spanish horses, Oriental horses, horse breeding, race horses.

Hart, Ernest Huntley. *Encyclopedia of Dog Breeds. Histories and Official Standards, Evolution, Geneology [sic] Genetics, Breeding, Feeding, Husbandry, Training, Medical Care, Showing*. Jersey City, NJ. T.F.H. Publications. [c1968]. 783 p., ill.

NAL Call Number: SF422.H3

Descriptors: dog breeds, histories, official standards, evolution, genealogy, genetics, breeding, feeding, training, medical care, showing, illustrations.

Harter, Jim. **Animals: 1,419 copyright-free illustrations of mammals, birds, fish, insects, etc.: a pictorial archive from nineteenth-century sources selected by Jim Harter**. New York, [N.Y.]. Dover Publications, 1979. 283 p., chiefly ill. *Dover Pictorial Archive Series*.

NAL Call Number: NE962.A5H37

Descriptors: animal illustrations, mammals, birds, fish, insects, nineteenth century sources, animals in art, wood-engraving 19th century, zoology pictorial works.

Harvey, William and Gweneth Whitteridge (transl.). *Exercitationes de Generatione Animalum. [Disputations Touching the Generation of Animals]*. Oxford, [Great Britain], Boston, [MA]. Blackwell Scientific Publications, 1981. lxvi, 502 p., ill. Translated from Latin.

NAL Call Number: QL955.H37

Descriptors: animals, embryology, reproduction.

Harvey, William, Alex Bowie, John Riolan and Mark Graubard. *On the Motion of the Heart and Blood in Animals by William Harvey, Willis=s Translation, Revised and Edited by Alex Bowie. With the Two Letters Addressed to John Riolan. Introduction by Mark Graubard*. Chicago, [IL]. H. Regnery Co., 1962. 213 p., ill. Note: early works to 1800. Other titles: *De motu cordis*. English, *Motion of the Heart and Blood in Animals*.

NAL Call Number: 444 H26Ae

Descriptors: heart motion animals, blood motion animals, English translation.

Hauger, Alphons. *Zur romischen Landwirtschaft und Haustierzucht: ein beitrage zur Kulur Roms on Dr. Alphons Hauger. [On Roman Agriculture and Domestic Animal Care: A Work on Roman Cultural History by Dr. Alphons Hauger.]* Hannover, [Germany]. M. & H. Schaper, 1921. viii, 134 p., ill. Note: In German.

NAL Call Number: 30.9 H29

Descriptors: agricultural history, Rome, domestic animals, origins of domestic animals.

Hausman, Gerald and Loretta Hausman. *The Mythology of Cats: Feline Legend and Lore Through the Ages*. 1st. ed. New York, [NY]. St. Martin=s Press, c1998. xi, 209 p., ill.

NAL Call Number: SF445.5.H38 1998

Descriptors: cats mythology, feline legends.

Hausman, Gerald and Loretta Hausman. *The Mythology of Dogs: Canine Legend and Lore Through the Ages*. 1st. ed. New York, [NY]. St. Martin=s Press, 1997. ix, 278 p., ill.

NAL Call Number: SF426.2.H39 1997

Descriptors: dogs, mythology, canine legends.

Haynes, Williams. **Practical dog breeding**. New York, [NY]. Outing Publishing Company, 1915. 211 p., ill., diagr. *Outing Handbooks*, no. 30.

NAL Call Number: 48 H33Pr

Descriptors: dog breeding, husbandry, practical suggests, illustrations, diagrams.

Hediger, Heini. **Man and animal in the zoo. Zoo biology.** New York, [N.Y.]. Delacorte Press, [1969]. 303 p., ill. A *Seymour Lawrence Book*. Note: Translation of his **Mensch und Tier im Zoo**.

NAL Call Number: QL77.5.H43

Descriptors: animals and man, zoology, zoos, zoo biology, English translation.

Hewitson, William Chapman. **Hewitson on Butterflies, 1867-1877, with a Preface by L.G. Higgins.** Hampton, E.W. Classey, 1972. 1 vol. Note: Distributed in North America by Entomological Reprint Specialists, Los Angeles, Calif.

NAL Call Number: QL542 .H44

Descriptors: butterflies, reprint, William Chapman Hewitson 1806-1878, entomology.

Ho, Judith. **The Papers of Charles Valentine Riley: a register of his papers in the National Agricultural Library compiled and edited by Judith J. Ho and Willie Yuille.** Beltsville, Md. National Agricultural Library, [1990?]. xiv, 124 p., ill. *Bibliographies and Literature of Agriculture*, no. 92. June 1990.

NAL Call Number: aZ5076.AIU54 no. 92

Descriptors: Charles Valentine Riley Papers, Riley register, Riley papers, archives, catalogs, illustrations.

Hoage, R.J. **Animal extinctions: what everyone should know, edited by R.J. Hoage.** Washington, D.C. Smithsonian Institution Press, 1985. xviii, 192 p., ill. *National Zoological Park Symposia for the Public Series*. Note: Includes bibliographies.

NAL Call Number: QL88.A5

Descriptors: animal extinctions, extinct animals, extinction, animal welfare.

Hoage, R.J. and William Deiss (ed's.). **New Worlds, New Animals: from Menagerie to Zoological Park in the Nineteenth Century, with a Foreword by Michael H. Robinson.** National Zoological Park (U.S.), Smithsonian Institution. Baltimore, [MD]. Johns Hopkins University Press, 1996. xv, 198 p., ill. Note: APublished in association with the National Zoological Park, Smithsonian Institution. @ Most chapters derived from papers delivered at a symposium held Oct. 1989 to celebrate the centennial of the Smithsonian Institution=s National Zoological Park. **Reflections on Zoo History**, Sally Gregory Kohlstedt, **Menageries and Zoos to 1900**, R.J. Hoage, Anne Roskell, and Jane Mansour, **Menageries, Metaphors, and Meanings**, Thomas Veltre, **Zoos in the Family: the Geoffror Saint-Hilaire Clan and the Three Zoos of Paris**, Michael A. Osborne, **The Order of Nature: Constructing the Collections of Victorian Zoos**, Harriet Ritvo, **A Tale of Two Zoos: the Hamburg Zoological Garden and Carl Hagenbeck=s Tierpark**, Herman Reichenbach, **Zoos and Aquariums of Berlin**, Harro Strehlow, **A Paradox of Purposes: Acclimatization Origins of the Melbourne Zoo**, Linden Gillbank, **Ram Bramha Sanyal and the Establishment of the Calcutta Zoological Gardens**, D.K. Mittra, **American Showmen and European Dealers: Commerce in Wild Animals in Nineteenth-Century America**, Richard W. Flint, **The Origin and Development of American Zoological Parks to 1899**, Vernon N. Kisling Jr., **The National Zoological Park: A City of Refuge@ or Zoo?** Helen Lefkowitz-Horowitz.

NAL Call Number: QL76.N48 1996

Descriptors: zoo history, zoos and aquariums, Victorian zoos, European zoos, zoos of India, American zoos, Australian zoos, nineteenth century zoos, origins and development.

Hoage, R.J. **Perceptions of Animals in American Culture, edited by R.J. Hoage.** Washington, D.C.: Smithsonian Institution Press, c1989. xvii, 151 p., ill.

NAL Call Number: QL85.P44

Descriptors: animals, American perceptions, animal welfare, animals and civilization, United States, social aspects, illustrations, bibliography.

Houck, Ulysses Grant. **The Bureau of Animal Industry of the United States Department of Agriculture: Its Establishment, Achievements and Current Activities, by U.G. Houck, B.S., V.M.D., with the Collaboration of Other Members of the Bureau Staff.** Pub. by the author. Washington, D.C., [Hayworth Printing Company], 1924. xvii, 390 p., incl. ports., tables, diagr.

NAL Call Number: 40 H81

Descriptors: Bureau of Animal Industry, United States Department of Agriculture, activities, achievements, research into all aspects of agriculture, livestock production, history.

Howard, Leland Ossian. **The Insect Book, a Popular Account of the Bees, Wasps, Ants, Grasshoppers, Flies and Other North American Insects Exclusive of the Butterflies, Moths and Beetles, with Full Life Histories, Tables and Bibliographies, by Leland O. Howard ...** New York, [N.Y.]. Doubleday, Pages & Company, 1901. xxvii p., 1 l., 429 p., col. front., ill., xlviii pl. (part col.). Note: Bibliography: p. 405-416.

NAL Call Number: 422 H831

Descriptors: insects, bees, wasps, ants, grasshoppers, flies, North American insects, life histories, Leland Ossian Howard 1847-1950.

Hubbard, Clifford L.B. *An Introduction to the Literature of British Dogs, Five Centuries of Illustrated Dog Books*. Ponterwyd, [Wales], 1949. viii, 56 p. ill.: plates, ports. Note: cover title: *The Literature of British Dogs*.

NAL Call Number: 241.73 H862

Descriptors: British dogs, dog books written over five centuries, illustrated works, portraits.

Hubbard, Clifford L. *Working Dogs of the World*. London, [England]. Sidgwick and Jackson, [1947]. ii, 240 p., ill.

NAL Call Number: 48 H86W

Descriptors: dogs, working dogs, world dogs, illustrated works.

Humane Society of the United States. **HSUS exposes livestock transportation cruelty**. Washington, D.C. Humane Society of the United States, c1984. [4] p., ill. *Close-Up Report*.

NAL Call Number: HV4764.A3H7

Descriptors: livestock transportation cruelty, animal welfare, transportation concerns for livestock.

Huxley, Thomas Henry. *Darwiniana Essays*. New York, [N.Y.]. Greenwood Press, [1968]. x, 475 p. *Huxley, Thomas Henry, 1825-1895. Collected Essays*, vol. 2. Note: Reprint of the 1893 ed.

NAL Call Number: Q171.H902 1968

Descriptors: essays of Darwin, theory of evolution.

Hyams, Edward. *Animals in the Service of Man*. Philadelphia, [P.A.]. J.B. Lippincott, [c1972]. xiv, 209 p., photos.

NAL Call Number: SF41.H93

Descriptors: domestic animals, service to man, history.

Hyland, J.R. *The Slaughter of Terrified Beasts: a Biblical Basis for Humane Treatment of Animals*. Sarasota, Fla. Viatoris Ministries, c1988. 74 p.

NAL Call Number: BS680.A5H95

Descriptors: animal welfare, Biblical teachings, terrified beasts, humane treatment of animals.

Jennison, George. **Animals for show and pleasure in ancient Rome**. [Manchester, England?]. Manchester University Press, 1937. xiv, 209 p., front., ill., plates, plans. *Publications of the University of Manchester*, no. CCLVIII.

NAL Call Number: 411 J44

Descriptors: ancient Roman times, menageries, games, Roman antiquities, types of animals used, show animals, pleasure animals.

Jones, E. Gwynne. *A Bibliography of the Dog Books Published in the English Language, 1570-1965*, [by] E. Gwynne Jones. London, [Great Britain]. Library Association, 1971. 431 p. Note: Based on a thesis accepted by the Library Association for fellowship, 1970.

NAL Call Number: Z7997.D7J6

Descriptors: books about dogs, English language books, bibliography, thesis based document.

Kalm, Peter and Adolph B. Bensen (ed.). *The America of 1750: Peter Kalm=s Travels in North America, the English Version of 1770, Revised from the Original Swedish and Edited by Adolph B. Benson ... with a Translation of New Material from Kalm=s Diary Notes*. New York, [NY]. Wilson-Erickson, Inc., 1937. 2 vols., plates, ill., maps (1 folded), facsim. Note: AA bibliography of Peter Kalm=s writings on America@: vol. 2, p. 770-776. Paged continuously. Includes reproductions of the title-pages of the original English, Swedish and Dutch editions. AThe present version is the first exclusively American edition in English and the first one dealing with the part on the United States and Canada to appear in this country. The part on Norway and England has been omitted. The hitherto untranslated portion has been done into English by Miss Edith M.L. Carlborg and the present editor. The remainder is based on Forster=s translation.@--p. xv.

NAL Call Number: 125 K12A

Descriptors: natural history, United States and Canada, scientific expeditions, description and travel, American edition, historical work, English version, Peter Kalm 1716-1779, Johann Reinhold Forester 1729-1798, Adolph Burnett Benson 1881-1962, Edith Marie Linnea Carlborg 1888-.

Kellogg, Louise. **Report upon mammals and birds found in portions of Trinity, Siskiyou and Shasta Counties, California, with descriptions of a new Dipodomys**. Berkeley, [CA]. University of California Press, 1916.

[335]-398 p., ill. *University of California Publications in Zoology*. v. 12 (13). Note: A Contribution from the Museum of Vertebrate Zoology of the University of California. @ Issued in single cover with v. 12 (14).

NAL Call Number: 411 K292

Descriptors: report, zoology, mammals, birds, new species of *Dipodomys*, Museum of Vertebrate Zoology, University of California.

Kendall, George Wilkins, Harry James Brown and Henry Stephens Randall. *Letters from a Texas Sheep Ranch, Written in the Years 1860 and 1867, by George Wilkins Kendall to Henry Stephens Randall. Edited by Harry James Brown*. Urbana, [IL]. University of Illinois Press, 1959. 156 p.

NAL Call Number: 45 K33

Descriptors: sheep, sheep ranching in Texas, letters from Kendall to Randall, historical information, events and daily activities on a ranch.

Kershaw, John C. *Butterflies of Hong Kong*. Hong Kong, Shanghai, Singapore and Yokohama. Kelly & Walsh, Limited, 1907. 3 p. l., [iii]-v, [7]-184 p., ill., 22 pl. (20 col.). Note: Issued in VI parts, 1905-06.

NAL Call Number: 430 K47

Descriptors: butterflies, species, habitats, illustrated works, China, Hong Kong, Macao.

Kisling, Vernon N. Jr. (ed.). *Zoo and Aquarium History: Ancient Animal Collections to Zoological Gardens*. Boca Raton, Fla. CRC Press, c2001. 415 p., ill.

NAL Call Number: QL76.Z727 2000

Descriptors: historical review of animal ancient animal collections, zoological gardens, zoos history, menageries through history, aquariums.

Klingender, Francis Donald. *Animals in Art and Thought to the End of the Middle Ages. Edited by Evelyn and John Harthan*. London, [England]. Routledge & K. Paul, [c1971]. xxviii, 580 p., ill.

NAL Call Number: N7660.K55 1971

Descriptors: animals to the end of the Middle Ages, animal history, animals in art, animals in literature, illustrated works.

Klos, Heinz-Georg, Hans Fradrich and Ursula Klos. *Die Arche Noah an der Spree: 150 Jahre Zoologischer Garten Berlin: eine tiergartnerische Kulturgeschichte von 1844-1994 [Noah=s Ark on the Spree. 150 years of the Berlin Zoological Garden. A Zoo's Cultural History from 1844-1994]*. Berlin, [Germany]. FAB Verlag, c1994. 503 p., [1] folded leaf of plates: ill. (some col.), plans (2 col.). Note: Facsimile of the 1898 plan of the Garden inserted.

NAL Call Number: QL76.5.G32B44 1994

Descriptors: animal collections, Berlin Zoological Garden, Berlin Germany, 150 year history.

Kokabi, Mostefa, with contrirubutions from Alfred Rusch and Gerhard Falkner. *Vierhaltung und jagd in Romischen rottweil. [Cattle breeding and hunting in Roman civil settlement]*. Stuttgarrr, [Germany?]. K. Thiess [Kommissionverlag], 1982. 148 p., ill., maps. *Forschung und Berichte zur Vor- und Fruhgeschichte in Baden-Wurtemberg*, Bd. 13. Area Flaviae, 2. In German with an English summary.

NAL Call Number: CC79.5.A5K6

Descriptors: cattle breeding, animal remains, Roman civil settlements, animal hunting, archeology, Roman history, Germany.

Koprowski, H., H.R. Cox and M. Welsh. *Advances in the Epidemiology and Prevention of Rabies*. Pearl River, New York. American Cyanamid Co., Lederle Laboratories Division, [1955?]. 111 [p]. Note: Scientific exhibit presented at American Academy of Pediatrics Meeting, Chicago, [Ill.]. Oct. 4-7, 1954, and American Public Health Association Meeting, Buffalo, [N.Y.], Oct. 1-15, 1954.

NAL Call Number: 448 L492A

Descriptors: epidemiology, rabies prevention, vaccines, vaccinations, disease prevention, animal reservoirs.

Koprowski, Hilary and Stanley A. Plotkin (ed's.). *World=s Debt to Pasteur (Louis Pasteur, 1822-1895): Proceedings of the Centen[n]ial Symposium Commemorating the First Rabies Vaccination held in Philadelphia, Pennsylvania, January 17 and 18, 1985*. New York, [N.Y.] A.R. Liss, 1985. viii, 342 p., ill. *Wistar Symposium Series*, vol. 3.

NAL Call Number: QH301.W5 v. 3

Descriptors: Pasteur symposium 1985, centennial commemoration of first rabies vaccination, Louis Pasteur 1822-1895, rabies vaccines, vaccination.

Kreger, Michael D. **Housing, husbandry, and welfare of the dog [computer file]: January 1993-June 1997.** Beltsville, Md. USDA, NAL, AWIC, [1997]. *Quick Bibliography Series*, QB 97-08. Note: Also available in print. URL: <http://www.nal.usda.gov/awic/pubs/oldbib/qb9708.htm>
NAL Call Number: aZ5071.N3 no. 97-08
Descriptors: dogs, diseases, housing, animal welfare bibliography.

Krulisch, Lee, Stephen J. Mayer, Richard C. Simmonds and the Scientists Center for Animal Welfare. (ed's.). ***The Human/Research Animal Relationship: a Compilation of Presentations from Three Workshops held on this Subject During 1992-1994.*** Greenbelt, Md. Scientists Center for Animal Welfare, [1996]. vi, 104 p., ill.
NAL Call Number: QL85.H86 1996
Descriptors: human-animal relationships, human research animal relationships, animal welfare, laboratory animals, 3 workshops compilation, 1992-1994.

Lamarck, Jean Baptiste Pierre Antoine de Monet de, William Morton Wheeler and Thomas Barbour. ***The Lamarck Manuscripts at Harvard, Edited by William Morton Wheeler and Thomas Barbour.*** Cambridge, Mass., Harvard University Press, 1933. xxxi, 202 p. front. (port.), plates, double facsim. Note: French and English.
NAL Call Number: 330 L16
Descriptors: zoology, comparative zoology, Jean Baptiste Pierre Antoine de Monet de Lamarck 1744-1829, Harvard University's Museum of Comparative Zoology.

L'Amour, Rose and American Anti-Vivisection Society. ***Who Cares for Animals: Their Right to Live! 3rd ed., rev. and enl. Jacumba, Calif., R. L=Amour.*** 1982. [Jenkintown, PA], American Anti-Vivisection Society. viii, 71 p.
NAL Call Number: HV4708.L3 1982
Descriptors: animal welfare, animals in the Bible, vegetarianism, American Anti-Vivisection Society.

Langdon, John. **Horses, oxen, and technological innovation: the use of draught animals in English farming from 1066 to 1500.** London, [Great Britain], and New York, [NY]. Cambridge University Press, 1986. xvi, 331 p., ill., maps. *Past and Present Publications.*
NAL Call Number: SF311.3.G7L36
Descriptors: horses, oxen, animal use, Great Britain, eleventh century to sixteenth century, draft animals, Middle Ages, animals and technological innovation.

Lansbury, Coral. ***The Old Brown Dog: Women, Workers, and Vivisection in Edwardian England.*** Madison, Wisc. University of Wisconsin Press, 1985. xi, 212 p.
NAL Call Number: HV4943.G7E535
Descriptors: Edwardian England, old brown dog, women and vivisection, workers and vivisection, vivisection history, animal welfare, social movements, 20th century.

Lauber, Patricia. ***Of Man and Mouse. How House Mice Became Laboratory Mice.*** New York, [N.Y.]. Viking, [c.1971]. 126 p., ill.
NAL Call Number: QL737.R666L3
Descriptors: man, mouse, history of the development of laboratory mice.

Layley, George W. and Walter J. Malden. ***The Evolution of the British Pig: Past, Present and Future.*** London, [Great Britain]. J. Bale, Sons & Danielsson, Ltd., 1935. xvi, 119 p., plates, ill.
NAL Call Number: 46 L45
Descriptors: domestic pigs, evolution, selective breeding, British pigs, past, present, future.

Leeds, Anthony and Andrew P. Vayda (ed's.). **Man, culture, and animals, the role of animals in human ecological adjustments.** Washington, [D.C.]. American Association for the Advancement of Science, 1965. vii, 304 p., ill., maps. *American Association for the Advancement of Science. Publication no. 78.* Note: Includes most of the papers presented at the Denver meeting of the American Association for the Advancement of Science, Dec. 30, 1961, and papers by additional contributors.
NAL Call Number: 411 L51
Descriptors: man, culture, and animals, human ecological adjustments role of animals, proceedings.

Leidy, Joseph and Joseph Leidy Jr. (ed.). **Researches in helminthology and parasitology by Joseph Leidy with a bibliography of his contributions to science.** Washington, [D.C.], Smithsonian Institution, 1904. 281 p., ill. *Smithsonian Miscellaneous Collections: vol. 46. Smithsonian Institution Publication no. 1477.*
NAL Call Number: 436 L53 R

Descriptors: parasites, helminthology, parasitology, parasitic helminthes, parasites of plants and animals.

Loeb, Jacques. *The Organism as a Whole: from a Physiochemical Viewpoint*. New York, [N.Y.]: G. Putnam, 1916. x, 379 p., ill.

NAL Call Number: 442 L822O

Descriptors: organism, biology, Gregor Mendel=s law.

Loew, Franklin M., James G. Fox and Bennet J. Cohen. (ed's.). **Laboratory animal medicine, edited by Franklin M. Loew, James G. Fox, and Bennett J. Cohen** et al. Orlando, [Fla.]: Academic Press, c1984. xiv, 750 p., ill. (some col.). *American College of Laboratory Animal Medicine Series*.

NAL Call Number: SF996.5.L33

Descriptors: laboratory animals, laboratory animal medicine, laboratory animals diseases.

Long, Joseph Abraham and Edward Laurens Mark. **The Maturation of the egg of the mouse, by J.A. Long and E.L. Mark**. Washington, [D.C.], Carnegie Institution of Washington, 1911. iv, 72 p., ill., 7 pl., diags. *Carnegie Institution of Washington Publication* no. 142, and *Contributions from Zoological Laboratory of the Museum of Comparative Zoology at Harvard College*, no. 216.

NAL Call Number: 442 L85

Descriptors: mice, mouse egg, ovum, egg development, stages.

Longstaff, George Blundell, Fritz Muller and E.B. Poulton. *Butterfly-Hunting in Many Lands, Notes of a Field Naturalist to which are Added Translations of Papers by Fritz Muller on the Scent-Organs of Butterflies and Moths: with a Note by E.B. Poulton* ... London, New York, Bombay, and Calcutta, Longmans, Green and Co., 1912. xx p., 729 p., ill., 16 pl. (7 col., incl. front.). Note: Translated from German.

NAL Call Number: 430 L86

Descriptors: butterflies, scent organs, butterfly hunting, moths, natural history, Lepidoptera.

Lysaght, Averil M. *Joseph Banks in Newfoundland and Labrador, 1766. His Diary, Manuscripts and Collections*. Berkeley, Calif., University of California Press, [c1971]. 512 p., ill. Note: Errata slip inserted. Bibliography: p. 425-441.

NAL Call Number: QH31.B3L9

Descriptors: Sir Joseph Banks 1743-1820, explorer natural history, natural history, Labrador, Newfoundland, discoveries, animals, plants.

Lovelace Foundation for Medical Education and Research. **Experimental infection of beagles with echo virus type 6**. Albuquerque, [New Mex.]. The Foundation, 1965. 11 p. *U.S. Atomic Energy Commission* LF-25. Note: Contract no. AT(29-2)-1013.

NAL Call Number: 41 L94

Descriptors: dogs, beagles, dogs as laboratory animals, ECHO viruses research.

Lucas, Frederic Augustus. **Animals of the past, an account of some of the creatures of the ancient world**. 7th edition. New York, [NY]. 1929. xiii, 220 p., front., ill., pl. *American Museum of Natural History. Handbook Series* no. 4.

NAL Call Number: 402 L69A

Descriptors: animals, natural history, ancient animals, ancient accounts, historical works.

Lysaght, Averil M. *The Book of Birds: Five Centuries of Bird Illustration* [by] A.M. Lysaght. London, [England]: Phaidon, 1975. 208 p.: ill. (some col.). Note: Distributed in the United States of America by Praeger, New York, N.Y. Bibliography: p. [201]-203.

NAL Call Number: QL674.L9

Descriptors: birds, bird illustrations, historical view of five centuries, colored illustrations, birds pictorial works, zoological illustrations.

MacEwan, Grant. *Power for Prairie Plows*. Saskatoon, [Canada]. Prairie Books, the Western Producer, 1971. [4] 115 p., ill.

NAL Call Number: S711.M2

Descriptors: prairie plows, agricultural machinery, farm mechanization history, draft horses, illustrations, Canada.

Manning, Aubrey and James Serpell (ed's.). *Animals and Human Society: Changing Perspectives*. London, [England], New York, [U.S.]. Routledge, 1994. xii, 199 p., ill.

NAL Call Number: QL85.A53 1994

Descriptors: animals and human society, human-animal relationships, congresses, animals social aspects, changes.

Markham, Gervase, Dan Lucid (ed.) and Pauline Baynes (illust.). *The Compleat Horseman by Gervase Markham*. Boston, [MA]. Houghton-Mifflin, 1975. 76 p., ill. Note: Excerpted from various editions of the author=s *Cheape and Good Husbandry*, first published in 1614 (NAL Call Number: 30 M34).

NAL Call Number: SF309.M362 1975

Descriptors: horses, horsemen, horse husbandry, 1975 edition, reprint of 1614 edition, illustrated works, historical work, Gervase Markham 1568(?)-1637.

Martin, Brent J. and Mark A. Suckow. **The Laboratory cat**. Boca Raton, Fla. CRC Press, c1998. 136 p., ill. *The Laboratory Animal Pocket Reference Series*. Note: Important biological features—husbandry management, veterinary care, experimental methodology, resources.

NAL Call Number: SF407.C37M27 1998

Descriptors: cats as laboratory animals, biology, husbandry, management, veterinary care, information resources, handbooks, manuals, 1998 edition, illustrations, husbandry, management, veterinary care, resources, pocket reference.

Mason, Ian (ed.). *Evolution of Domesticated Animals, Edited by Ian L. Mason*. Mason, Ian Lauder. London, [England], New York, [NY]. Longman, 1984. xii, 452 p., ill., maps.

NAL Call Number: S41.E93

Descriptors: domestic animals, evolution, history, domestic animals origins.

Mason, Marcus M. and United States. Public Health Service. *Bibliography of the Dog*. Ames, [Iowa]. Iowa State University Press, [c1959]. 401 p. Note: Supported by U.S. Public Health Service under grant RG-4750(G1).

NAL Call Number: Z5074.D6M3

Descriptors: dogs, bibliography, a wide variety of topics related to the dog.

Massachusetts Society for Biomedical Research. *People & Animals: United for Health: a Comprehensive Curriculum on Biomedical Science Developed and Produced by Massachusetts Society for Biomedical Research*. Waltham, Mass. The Society, c1992. 1 vol. (various pagings), ill. (some col.) +169 slides + 1 discussion guide.

NAL Call Number: R853.A53P46 1992

Descriptors: biomedical research, societal issues, people and animal health, biomedical science, animal experimentation, laboratory animals.

Mayr, Ernst. *Animal Species and Evolution*. Cambridge, [Mass.], Belknap Press of Harvard University Press, 1963. xiv, 797 p., maps, diags., tables.

NAL Call Number: 443 M45

Descriptors: animal species, genetics, evolution, theories, history of the theory of evolution, examples.

McClung, Robert M. *Lost Wild America. The Story of Our Extinct and Vanishing Wildlife*. New York, [NY]. Morrow, [c1969]. 246 p., ill.

NAL Call Number: QL88.M3

Descriptors: wild animals, America, rare animals, extinct animals, wildlife, lost natural resources.

McClung, Robert M. and Bob Hines. *Lost Wild Worlds: the Story of Extinct and Vanishing Wildlife of the Eastern Hemisphere, by Robert M. McClung, with Illustrations by Bob Hines*. New York, [NY]. Morrow, 1976. 288 p., ill.

NAL Call Number: QL81.7.M3

Descriptors: animals, Eastern hemisphere, wildlife conservation history, history of animals and civilization, rare animals, extinct animals.

McCrae, James D. *Experimental Breeding: Genetics of the Feline*. Caribou, Maine. Caribou Pub. Co., c1955. 131 p., ill.

NAL Call Number: 48 M132

Descriptors: cats, breeding, feline genetics.

McWhorter, Virgil O. **The sheep-killing dog**. Washington, D.C. U.S. Dept. of Agriculture, 1915. 13 p., ill. *Farmers= Bulletin. United States Department of Agriculture*, no. 652. Note: Caption title. AContribution from the Bureau of Animal Industry.@

NAL Call Number: 1 Ag84F no. 652

Descriptors: sheep killing canines, dog behavior, training techniques, prevention of predatory behavior on sheep.

Mellen, Ida M. **The Natural history of the pig: its evolutionary status, antiquity, body, brain, and behavior, and its effect on people.** [1st ed.] New York, [NY]. Exposition Press, [c1951]. 157 p., ill. *Exposition University Book.*

NAL Call Number: 46 M48

Descriptors: pigs, history of the development of pigs as domestic animals, natural history, evolution, body, brain, intelligence, pig behavior, pigs and people.

Mendel, Gregor and Stephen Finn. **Gregor Mendel: the First Geneticist, Translated by Stephen Finn.** 1st. ed. New York, [NY]. Oxford University Press, 1996. xii, 363 p., ill.

NAL Call Number: QH31.M45O67 1996

Descriptors: Mendel as the first geneticist, first edition, 1996 edition, geneticists Austrian biography, history of the development of modern genetic theory, the story of Mendel=s law history, Gregor Johann Mendel 1822-1884.

Mendel, Gregor and Orel Vitezslav. Czechoslovak Apicultural Society. **Mendel as Beekeeper.** [1st. ed.] Brno, [Czechoslovakia. Moravian Museum], 1965. 21 p., ill. Note: Published in honour of the centenary of the publication of Mendel=s discoveries in Brno in 1865. Translated from the Czech.

NAL Call Number: SF531.O73

Descriptors: Mendel, beekeeper, first edition, Czechoslovakia, centenary in honor of Mendel=s discoveries in genetics in Brno, Gregor Mendel 1822-1884.

Mendel, Gregor and Roland M. Nardone. **Mendel Centenary: Genetics, Development and Evolution, Proceedings of a Symposium held at the Catholic University of America, November 3, 1965.** Washington, [D.C.]. Catholic University of America Press, [c1968]. 174 p., ill. Note: Other title is *Genetics, Development and Evolution.*

NAL Call Number: QH431.M39

Descriptors: Mendel centenary, genetics, impact of Mendel's understanding of plant genetics, evolution, symposium proceedings, Gregor Mendel 1822-1884.

Metropolitan Museum of Art (New York, N.Y.) and Dorothy [Fern] W. Phillips. **Ancient Egyptian animals, by Dorothy W. Phillips. [rev.] ed.** New York, [N.Y.], The Museum, 1948. [24] p., ill. *Its Picture Books.*

NAL Call Number: 411.2 P54 1948

Descriptors: ancient Egyptian animals, illustrated works, animals in art, zoology of Egypt, art objects.

Merlen, Rene Henry Albert. **De Canibus: Dog and Hound in Antiquity.** London, [Great Britain]. J.A. Allen, [1971]. 168 p., ill., plates.

NAL Call Number: SF422.5.M4

Descriptors: dogs, canibus, hounds, antique dogs, ancient dogs, descriptions, types of dogs, uses.

Merriam, John Campbell. **Published papers and addresses of John Campbell Merriam.** Washington, D.C. The Carnegie Institution of Washington, 1938. 4 vols. (viii, 2672 p.), ill., maps, plates (1 col.), port. *Carnegie Institution of Washington Publication* no. 500. ABibliography of John C. Merriam@: p. 2631-2651. I. *Reptilia. Mammalia.* II. *Mammalia.* III. *Mammalia. Paleontology and Human History. Invertebrate Paleontology. General Paleontology. Geology. Brief Chapters Concerning Life of Past Ages.* IV. *History. Biography. General Addresses. Problems Relating to Nature. Research and Publication. Research and Government. Carnegie Institution Addresses and Extracts from Reports.*

NAL Call Number: 145 M45

Descriptors: published papers and addresses of John Campbell Merriam, four volumes, Reptilia, Mammalia, paleontology and human history, invertebrate paleontology, geology, life of past ages, biography, general addresses, problems relating to nature, research and publication, addresses and extracts from reports, history, John Campbell Merriam 1869-1945.

Mohler, John Robbins and Henry James Washburn. **Takosis, a contagious disease of goats: a preliminary report on its nature, cause and prevention.** Washington, D.C. U.S. Dept. of Agriculture, Bureau of Animal Industry, 1903. 44 p., 5 leaves of plates, ill. *Bulletin. United States Dept. of Agriculture. Bureau of Animal Industry*, no. 45. Note: Published also in the *Nineteenth Annual Report of the Bureau of Animal Industry* (1909), p. 354-390.

NAL Call Number: 1 An5B no. 45

Descriptors: takosis, goat disease, clinical picture, possible cause, prevention.

Mohler, John Robbins. **Texas fever: otherwise known as tick fever, splenetic fever or southern cattle fever, with methods for its prevention.** Washington, [D.C.]. U.S. Dept. of Agriculture. Bureau of Animal Industry, 1905. 48 p., 3 leaves of plates: col. ill. *Bulletin. United States. Bureau of Animal Industry*, no. 78.

NAL Call Number: 1 An5B no. 78

Descriptors: cattle disease, Texas fever, tick fever, splenetic fever, southern cattle fever, prevention methods.

Mohler, John R., Raymond A. Kelser and Cassius Way. *University of Pennsylvania. Bicentennial Conference. The Relation of Diseases in Lower Animals to Human Welfare*. Philadelphia, [PA]. University of Pennsylvania Press, 1941. 3 p. l., 39 p. Note: the following papers are: 1. **The Relationship of animal diseases to human welfare**, by J.R. Mohler. 2. **Veterinary research and public health**, by R.A. Kelser. 3. **Progress in veterinary medicine**, by Cassius Way.

NAL Call Number: 41 P383

Descriptors: veterinary medicine, public health, zoonotic diseases, animals as carriers of disease, veterinary public health, relation of animal diseases to human welfare, role of veterinary medicine in human health.

Moore, John. *A Treatise on Domestic Pigeons: Comprehending All the Different Species Known in England*. Newport Pagnell (Chicheley House, Chicheley, Newport Pagnell, Bucks.): Paul P.B. Minet, 1972. xvi, 144 p., [18] leaves of plates, ill. Note: Facsimile reprint of 1765 ed., London: C. Barry, 1765. Previous ed. published as *>Columbarium, or, The Pigeon House=*. London, [Great Britain]. J. Wilford, 1735.

NAL Call Number: SF465.M66 1972

Descriptors: treatise, domestic pigeons, species and types in England, breeding, diseases and cures, illustrated work.

Moore, Sir John. *Army Veterinary Service in War, by Major-General Sir John Moore ... with a Note by General Sir Charles Carmichael Monro*. London, [Great Britain]. Brown, 1921. 6 pl., 191 p., plates.

NAL Call Number: 41.M782

Descriptors: Army veterinary service, Great Britain, service during war, camels, elephants, 1921 edition, illustrations, plates, Major-General Sir John Moore, General Sir Charles Carmichael Monro.

Moore, John Trotwood. *The Gift of the Grass: Being the Autobiography of a Famous Racing Horse by John Trotwood Moore*. Nashville, [TN]. Cokesbury Press, c1925. viii, 347 p.

NAL Call Number: SF301.M6 R

Descriptors: autobiography of a famous race horse, early life, racing days, characteristics, training.

Moore, Veranus Alva and American Medical Association. Council on Defense of Medical Research. **Animal experimentation: the protection it affords to animals themselves and its value to the livestock industry of the country**. Chicago, [Ill.]. American Medical Association, 1909. 19 p. *Defense of Research Pamphlet*, 6.

NAL Call Number: 41 M78A

Descriptors: animal experimentation, laboratory animals, research value to livestock.

Moore, Veranus Alva. *Bovine Tuberculosis and its Control*. Ithaca, N.Y., Carpenter, 1913. ix, 134 p., 1 l., front. (port.) xxx pl.

NAL Call Number: 41 M78B

Descriptors: cattle disease, bovine tuberculosis control.

Moore, Veranus Alva. *The Foot-and-Mouth Disease, What it Is, What it Does, How to Fight It, and How to Prevent It, Every Farmer=s Duty in this Crisis*. Garden City, [NY]. Doubleday, Page and Company, 1914. 19 p., ill.

NAL Call Number: 41 M78F

Descriptors: cattle disease, disease crisis, foot-and-mouth disease control, prevention, 1914 edition, illustrated work.

Moore, Veranus Alva and Medical Society of the State of New York (1807-). Committee on Experimental Medicine. *The Relation of Animal Experimentation to the Live Stock Industry*. [s.l.: s.n.], New York, N.Y. Available from the Medical Society of New York State, 1909. [4] p. Note: Caption title. Issued under the auspices of the Committee on Experimental Medicine of the Medical Society of the State of New York.

NAL Call Number: 41 M78Re

Descriptors: animal experimentation relation to the livestock industry, animal experimentation, vivisection.

Morgan, Thomas Hunt, et al. *The Mechanism of Mendelian Heredity by T.H. Morgan [and others]*. New York, [N.Y.]: H. Holt, 1915. xiii, 262 p., ill.

NAL Call Number: 443 M82M

Descriptors: Mendelian heredity, Gregor Mendel=s law, genetics, chromosomes.

Morris, Desmond. *The Animal Contract: Sharing the Planet*. New York, NY: Warner Books, c1990 (1991 printing). 169 p.

NAL Call Number: QL85.M67 1991

Descriptors: animal contract, human-animal relationships, animal rights, societal issues regarding animals.

Necker, Claire. *Four Centuries of Cat Books. A Bibliography, 1570-1970*. Metuchen, N.J., Scarecrow Press, 1972. vii, 511 p.

NAL Call Number: Z5491.N43

Descriptors: cats, cat books that have been published, a bibliography spanning four centuries, 1570-1970.

Nicholson, George. **George Nicholson=s on the primeval diet of man (1801): vegetarianism and human conduct toward animals. Edited, introduced, and annotated by Rod Preece.** Lewiston, N.Y. Edwin Mellen Press, c1999. lxxvi, 231 p. *Mellen Animal Rights Library Historical List*, vol. 7.

NAL Call Number: HV4708.N62 1999

Descriptors: primeval diet of man, vegetarianism, human conduct toward animals, reprint of 1801 edition.

Nollman, Jim. *Animal Dreaming*. Toronto, [Canada], New York, [N.Y.]. Bantam Books, c1987. 219 p., ill. Note: Bibliography p. 211. Cover subtitle: *The Art and Science of Interspecies Communication*. Previously published under title: *Dolphin Dreaming*.

NAL Call Number: QL776.N64

Descriptors: interspecies communication, human-animal communication, animal behavior, animal dreaming, dolphin dreaming.

Noske, Barbara. *Beyond Boundaries: Humans and Animals*. Montreal, [Canada], New York, [N.Y.]. Black Rose Books, c1997. xiv, 253 p.

NAL Call Number: QL85.N67 1997

Descriptors: humans and animals relationships, animal welfare, moral and ethical aspects.

Nowak, Ronald M. **North American Quaternary Canis**. Lawrence, Kans. Museum of Natural History, University of Kansas, 1979. 154 p., ill., maps. *Monograph of the Museum of Natural History, University of Kansas*, no. 6. Note: Revision of the author=s thesis, University of Kansas, 1973.

NAL Call Number: QE882.C5N94

Descriptors: Canis, Quarternary Canis, North American, natural history, canids, wolves, fossils, paleontology.

Olby, Robert C. *Origins of Mendelism*. 2nd ed. Chicago, [IL]. University of Chicago Press, 1985. xv, 310 p., [8] p. of plates, ill., facsim., ports.

NAL Call Number: QH421.O4 1985

Descriptors: Mendel=s law history, Gregor Mendel 1822-1884, genetics history, geneticists, Austria, biography.

Olsen, Stanley J. *Origins of the Domestic Dog: the Fossil Record*. Tucson, Ariz. University of Arizona Press, c1985. xiv, 118 p., ill.

NAL Call Number: QE882.C15O45

Descriptors: dog origin, domestic dogs, paleontology, Canis fossils.

Osborne, Henry Fairfield. *The Age of Mammals in Europe, Asia and North America*. New York, [N.Y.]. The Macmillan Company, 1910. xvii p., 1 l. 635 p., ill., maps.

NAL Call Number: 402 Os1A

Descriptors: mammals, Europe, mammals, fossil, paleontology, mammals, Asia, North America, illustrated works.

Parker, Eric and A. Croxton Smith. **The Dog-lovers=s week-end book with illustrations by Mil Brown**. Parker, Eric, et al. London, [Great Britain]. Seeley Service, [1950]. 399 p., ill. *Week-End Library*.

NAL Call Number: 48 P22

Descriptors: dogs, history of the development of domestic dogs, dogs in folklore.

Pasteur, Louis and Vallery-Radot Pasteur. *Oeuvres de Pasteur reunies par Pasteur Vallery-Radot. [Works of Pasteur reunies by Pasteur Vallery-Radot]*. Paris, [France]. Masson et cie., 1922-39. 7 vols. in 8, front., (port.), ill., plates (part col.), diags. Note: Bibliographical foot-notes. 1. **Dissymetrie moleculaire**. 1922. 2. **Fermentations et generations dites spontanees**. 1922. 3. **Etudes sur le vinaigre et le vin**. 1924. 4. **Etudes sur la maladie des vers a soie**. 1926. 5. **Etudes sur la biere**. 1928. 6. **Maladies virulentes, virus-vaccines et prophylaxie de la rage**. 1933. 7. **Melanges scientifiques et litteraires. Table des noms cites. Table chronologique. Index analytique et synthetique de l=oeuvre de Pasteur**. 1939. Note: In French.

NAL Call Number: 330 P26

Descriptors: bacteriology, medicine, fermentation, vinegar and wine, studies on beer, virulent illnesses, vaccines, rabies, works of Pasteur, seven volumes in eight, 1922-1939, frontispiece, portrait, color illustrations, diagrams, bibliography, Louis Pasteur 1822-1895, Vallery-Radot Pasteur 1886-, tables, index.

Pasteur, Louis. **Pasteur et la rage. [Pasteur and rabies].** Paris, [France]. Informations Techniques des Services Veterinaires, [1985]. 339, 320, [4] p., ill. (some col.), maps. *Informations Techniques des Services Veterinaires*, no. 92 a 95. Note: Errata slip inserted. On cover: **1885-1985 Centenaire du traitement de la rage par Louis Pasteur.** Summaries in French and English.

NAL Call Number: 41.9 F843I no. 92-95

Descriptors: Pasteur and rabies, la rage, understanding of the disease, treatment, vaccines, France, Louis Pasteur 1822-1895.

Paton, William D.M. **Man and mouse: animals in medical research.** Oxford [Oxfordshire, England?], New York, [N.Y.]. Oxford University Press, 1984. x, 174 p., ill. *Oxford Paperbacks.*

NAL Call Number: HV4915.P38

Descriptors: man and mouse, animals used in medical research, vivisection, animal model of disease, biomedical research.

Pelagonius and Dietrich Fischer Klaus (ed.). **Pelagonii ars veterinaria. [Veterinary art of Pelagonius].** edidit. 1. Aufl. Leipzig, [Germany]: Teubner, 1980. xlv, 203 p. *Bibliotheca Scriptorum Graecorum et Romanorum Teubneriana.*

NAL Call Number: PA6554.P65 1980

Descriptors: veterinary medicine, ancient agronomist Pelagonius, B.C.

Pinney, Roy. **The Animals in the Bible: the identity and natural history of all the animals mentioned in the Bible by Roy Pinney, with a collection of photographs of living species taken in the Holy Land by the Author.** [1st edn.] Philadelphia, [PA.]. Chilton Books, [1964]. x, 227 p., ill. *Frontiers of Knowledge Series.*

NAL Call Number: 411.2 P65

Descriptors: biblical animals, prehistoric animals, Bible animals identity, zoology of Palestine, natural history, animal species in the Holy Land.

Pinney, Roy. **Vanishing Wildlife.** Foreword by H.R.H. Prince Bernhard. New York, [N.Y.]. Dodd, Mead, [1963]. 193 p., ill.

NAL Call Number: 411 P653

Descriptors: wildlife, rare animals, extinct animals, issues of vanishing animal species.

Pliny and Harris Rackham. **Natural history, with an English translation by Harris Rackham [etc.] [of] Pliny, the Elder.** Cambridge, Mass., Harvard University Press, London, W. Heinemann, Ltd., 1938-62. 10 vols. *The Loeb Classical Library.* [Latin authors]. Note: At head of title: **Pliny.** Latin and English on opposite pages.

NAL Call Number: 409 P712N

Descriptors: natural history, prehistoric animals, animals known in the ancient world, Pliny the Elder of Italy.

Potter, Jack Meyers and Laura R. Krehbiel (ed. and comp.). **Cattle Trails of the Old West, by Jack Potter, Edited and Compiled by Laura R. Krehbiel.** Clayton, N.M., L.R. Krehbiel, [c1939]. 87 p., ill., fold. map.

NAL Call Number: 135 P85 1939

Descriptors: cattle history, cattle trails of the old west, United States history, illustrated work, map, Jack Meyers Potter 1864-.

Preece, Rod and Lorna Chamberlain. **Animal Welfare & Human Values [by] Rod Preece & Lorna Chamberlain.** Waterloo, Ont., Canada. Wilfrid Laurier University Press, c1993. x, 334 p.

NAL Call Number: HV4708.P74 1993

Descriptors: animal welfare and human values, moral and ethical aspects, Canada.

Preece, Rod. **Animals and Nature: Cultural Myths, Cultural Realities.** Vancouver: UBC Press, 1999. xxvii, 305 p.

NAL Call Number: RD581.P74 1999

Descriptors: natural history of animals, cultural myths, cultural realities, societal thoughts about animals.

Priepke, Theodor. **Beitrage und Versuche zur stuttgarter Hundeseuche. [Experiments with Various Diseases of Dogs in Stuttgart].** [s.l., s.n.], 1922. 6 p.

NAL Call Number: 41 P934

Descriptors: dogs as laboratory animals, experiments on dog diseases.

Punnett, Reginald Crundall. *Mendelism, by R.C. Punnett*. 3rd ed., entirely rewritten and much enl. New York, [NY]. The Macmillan Company, 1911. xiv, 192 p., front. (port.), ill., vi pl. (5 col.).

NAL Call Number: 443 P963 Ed. 3

Descriptors: Mendelism, Mendel=s law, impact of the theory of genetics, Gregor Mendel.

Raven, Charles E. *English Naturalists from Neckam to Ray: a Study of the Making of the Modern World*. Cambridge, [Eng.]: University Press, 1947. x, 379 p.

NAL Call Number: 409 R19

Descriptors: naturalists of England, historical works of early naturalists, pre1800, John Ray 1627-1705, Neckam.

Raven, Charles E. *John Ray, Naturalist, his Life and Works*. Cambridge, [Eng.]: University Press, 1942. xix, 502 p. port.

NAL Call Number: 120 R21R

Descriptors: John Ray 1627-1705, English naturalists, historical figure's biography, early naturalists before 1800.

Ray, John and Robert W.T. Gunther (ed.). *Correspondence of John Ray edited by Robert W.T. Gunther ..., with two portraits, also two half-tone plates and six text-figures*. London, [Great Britain]. Printed for the Ray Society, 1928. xxiv, 332 p., ill., facsim., port. *The Ray Society* [Publications] 1928. Note: AThis book is the outcome of a rediscovery in the Bodleian Library of a number of letters of John Ray which form a necessary supplement to the volume of *The Correspondence*,@ edited by Edwin Lankester, 1848.

NAL Call Number: 120 R21F

Descriptors: correspondence of John Ray, rediscovered letters.

Ray, John. *The Wisdom of God manifested in the works of the creation*. New York, [NY] Arno Press, 1977. 405 p. *History of Ecology*. Note: Reprint of the 1717 ed. Printed by R. Harbin for W. Innys, London.

NAL Call Number: BL180.R3 1977

Descriptors: works of creation, history of ecology early English naturalists, John Ray 1627-1705.

Regan, Tom and Singer, Peter (ed's.). *Animal Rights and Human Obligations, Edited by Tom Regan, and Peter Singer*. 2nd edn. Englewood Cliffs, N.J. Prentice Hall, c1989. viii, 280 p.

NAL Call Number: HV4711.A56 1989

Descriptors: animal rights, human obligations, animal welfare, moral and ethical aspects regarding animal use, bibliographies, index.

Ricciuti, Edward R. *Animals in atomic research*. Oak Ridge Tenn. U.S. Atomic Energy Commission, Division of Technical Information, [1967]. 54 p., ill., ports. *Atomic Energy Commission. Understanding the Atom*.

NAL Call Number: QL55.R5

Descriptors: animals used in atomic research, laboratory animals, United States Atomic Energy Commission, Division of Technical Information.

Riddle, Oscar. *Proofs and implications of complete sex-transformation in animals by the Carnegie Institution of Washington, Station for Experimental Evolution*. Transl. from German in: *Verhandlung I. Internat. Kongress fur Sexual Forschung*. Berlin. [Germany]. Okt. 1926. [1927]. p. [193]-218. Literature cited p. 215-218.

NAL Call Number: 444 R43

Descriptors: proofs sexual transformation in animals, English, translated from German by Riddle.

Ridgeway, William. *The Origin and influence of the thoroughbred horse*. Cambridge, [MA]. University Press, 1905. xvi, 538 p., ill. *Cambridge Biological Series*. Note: **Introduction: The ancestors of the Equidae. The Existing Equidae. The Horses of prehistoric and historic times. The Origin of the Libyan horse. The Development of equitation. Addenda.**

NAL Call Number: 42 R43

Descriptors: origin of domestic horses, thoroughbred horse, prehistoric and historic horses, Libyan horse origin, development equitation.

Ritvo, Harriet. *The Animal Estate: the English and Other Creatures in the Victorian Age*. Cambridge, Mass. Harvard University Press. 1987. viii, 347 p., ill.

NAL Call Number: SF53.R58

Descriptors: Victorian age, England, animal estate, other creatures, human-animal relationships, England 19th century, illustrated work.

Roberts, Catherine and Arthur M. Young. **Science, animals, and evolution: reflections on some unrealized potentials of biology and medicine.** Westport, Conn. Greenwood Press, 1980. xv, 221 p. *Contributions in Philosophy*, 0084-9264, no. 14.

NAL Call Number: QH331.R62

Descriptors: science, animals and evolution, potentials for discoveries in biology and medicine, biological philosophy, science philosophy, humanism.

Robin, Percy Ansell. **Animal Lore in English Literature.** [Folcroft, Pa.]. Folcroft Press, 1970. ix, 196 p., ill. Note: ALimited to 150 copies. @ Reprint of 1932 ed.

NAL Call Number: QL89.R6 1970

Descriptors: animals in folklore, animals in literature, English literature, history and criticism.

Roe, Frank Gilbert. **The Indian and the horse.** Norman, [Oklahoma]. University of Oklahoma Press, [1968]. 434 p. *The Civilization of the American Indian*. Note: Reprint of the 1955 ed.

NAL Call Number: E98.H55R6 1968

Descriptors: horses, Indians of North America, importance of the horse to Native Americans, adoption and uses of the horse.

Roe, Frank Gilbert. **The North American Buffalo: a Critical Study of the Species in its Wild State.** 2d ed., new impression. Newton Abbot, England. David & Charles, c1970, 1972 printing. xi, 991 p. fold. col. map (in pocket).

NAL Call Number: QL737.U53R63 1970

Descriptors: American bison, North American buffalo, field study, behaviors, habitats, history of exploitation.

Roe, Frank Gilbert and Charles Darwin. **Mental Evolution in Animals with a Posthumous Essay on Instinct by Charles Darwin.** Romanes, George John. New York, [NY]. AMS Press, [1969]. 411 p., ill. Note: Reprint of the 1884 edn.

NAL Call Number: QL785.R6 1969

Descriptors: mental evolution, animals, brain and behavior, impact of Darwinian thought on evolution.

Rood, Ronald. **Animals Nobody Loves.** Brattleboro, Vt. S. Greene Press, [c1971]. 215 p., ill.

NAL Call Number: QL751.R6

Descriptors: animal behavior, animals in legends and stories, economic zoology.

Rossdale, Peter D. (ed.) and British Equine Veterinary Association. **Guardians of the Horse: Past, Present and Future.** London, [England]. British Equine Veterinary Association, Newmarket, Suffolk, U.K. Romney Publications, 1999. 324 p., ill. (some col.). Note: Includes bibliographical references and index. **Foreword: Philosophy of the horse-past, present and future. Practice: the frontier of science and application across the ages. Associations and societies. Perspectives in stud medicine. Equine feeding practices. Equine medicine. Equine orthopaedics. Equine surgery, Equine anaesthesia. Recent disciplinary developments. Imaging technology: seeing is believing.**

NAL Call Number: SF285.G82 1999

Descriptors: horses, history, philosophy, practice, equine medicine, stud medicine, health, veterinary medicine, feeding, disciplinary developments behavior management, horses future, equine surgery, anesthesia, imaging technology, human-animal relationships.

Rothfels, Nigel. **Savages and beasts: the birth of the modern zoo.** Baltimore, Md. Johns Hopkins University Press, 2002. xii, 268 p., ill. *Animals, History, Culture*.

NAL Call Number: QL76.5.G3R68 2002

Descriptors: animals, history of animal collections, Carl Hagenback, Germany zoo history, wild animal trade, zoological gardens.

Rowan, Andrew N. (ed.). **Animals and People Sharing the World.** Published for Tufts University by University Press of New England. Hanover, N.H. c1988. xi, 192 p., ill. Note: Includes bibliographies.

NAL Call Number: SF411.4.A54

Descriptors: domestic animals, pets, pet owners, aspects of animals used by society, animal welfare.

Rupke, Nicholaas A. (ed.). **Vivisection in historical perspective.** London, [England], New York, [New York].

Croom Helm, c1987. x, 373 p. *The Wellcome Institute Series in the History of Medicine.*

NAL Call Number: HV4915.V58

Descriptors: history of vivisection, animal experimentation, animal welfare, history of medicine, use of animals in biomedical research, contributions of animal models to human health.

Ryder, Richard Dudley. *Animal Revolution: Changing Attitudes Towards Speciesism.* Oxford, U.K., New York, N.Y. B. Blackwell, 1989. 285 p., ill.

NAL Call Number: HV4705.R93

Descriptors: animal revolution, changing attitudes to speciesism, history of animal, public opinion regarding animals.

Salisbury, Joyce E. *The Beast Within: Animals in the Middle Ages.* New York, [N.Y.]. Routledge, 1994. 238 p., ill.

NAL Call Number: QL85.S25 1994

Descriptors: animals and civilization, beasts in the Middle Ages, medieval civilization, civilization, Europe, bestiality.

Salmon, Daniel Elmer. **Human and animal tuberculosis.** [Washington, D.C.?, s.n., 1903]. [235]-246 p. Note: Cover title. ARead before the Medical Society of the District of Columbia, April 29, 1903. @ Reprinted from the *Washington Medical Annals*, vol. II, no. 3, July 1903.

NAL Call Number: 41 Sa3H

Descriptors: animal disease, human and animal tuberculosis, zoonotic diseases, issues of public health from contaminated foods and animals.

Salmon, Daniel Elmer. *Is Rabies a Specific Disease?* Salmon, D.E. New York, [s.n.] 1901. 19 p.

NAL Call Number: 41 Sa3

Descriptors: rabies, dog disease, cause of rabies.

Salmon, Daniel Elmer. **The United States Bureau of Animal Industry, at the Close of the Nineteenth Century, 1884-1900. By D.E. Salmon, D.V.M., Chief of the Bureau.** Washington, [D.C.]. The author, 1901. 387 p., incl. front., port. Note: Binder=s title: *Century Souvenir Book*.

NAL Call Number: 1 An52S

Descriptors: U.S. Bureau of Animal Industry at the close of the nineteenth century, 1884-1900, achievements, history, research.

Salmon, Daniel Elmer. **Veterinary science in its relation to public health.** [s.l., s.n. (publisher and location of publisher unknown), 1904] 224-233 p. Note: From *Reference Handbook of the Medical Sciences*. [1904]. (NAL copy very brittle and non-circulating.)

NAL Call Number: 41 Sa3V

Descriptors: veterinary science, relation to public health, importance of animal health.

Salt, Henry Stephens. *Animals= Rights: Considered in Relation to Social Progress by Henry S. Salt, Pref. by Peter Singer.* Clarks Summit, Pa. Society for Animal Rights, c1980. xvi, 240 p. (p. 233-240 blank for Anotes@). Note: Includes bibliographies from the 1892 and 1922 editions and an updated bibliography prepared by C.R. Magel. Originally published in 1892. AWorks by Henry S. Salt@: p. [219]-225.

NAL Call Number: HV4708.S3 1980

Descriptors: animal rights, ideas about animal uses, relation to social progress, updated bibliographies from 1892 and 1922 editions, animal welfare, vivisection bibliography, updated bibliography of C.R. Magel originally published 1892.

Sanders, Alvin Howard and Wayne Dinsmore. *A History of the Percheron Horse, Including hitherto Unpublished Data Concerning the Origin and Development of the Modern Type of Heavy Draft, Drawn from Authentic Documents, Records and Manuscripts in the National Archives of the French Government, Together with a Detailed Account of the Introduction and Dissemination of the Breed throughout the United States, to which is Appended a Symposium Reflecting the View of Leading Contemporary Importers and Breeders Touching the Selection, Feeding and General Management of Stallions, Brood Mares and Foals. Comp. Under the Personal Direction of Alvin Howard Sanders in Collaboration with Wayne Dinsmore.* Chicago, [Ill.]. Breeder=s Gazette Print, 1917. 602 p., ill., front., plates, ports., maps (1 double), facsim.

NAL Call Number: 42 Sa52

Descriptors: Percheron horse history, origins and development, heavy draft horse, breed introduction and dissemination, leading importers, illustrated work.

Sargent, Tony. *Animal Rights and Wrongs: a Biblical Perspective*. London, [England]. Hodder & Stoughton, 1996. 264 p.

NAL Call Number: BS680.A5S27 1996

Descriptors: animal rights and wrongs, animal rights, religious aspects of Christianity, animal welfare in Biblical teaching.

Saunders, Blanche and Catherine Conway Reiley. *The Story of Dog Obedience*. [n.d.]. New York, [N.Y.]. Howell Book House. 288 p., ill. Note: Bibliography p. 269-272.

NAL Call Number: SF431.S299

Descriptors: history of dog obedience trials, dog training history, dogs in society, illustrated.

Schlebecker, John T. *Bibliography of Books and Pamphlets on the History of Agriculture in the United States, 1607-1967*. Santa Barbara, Calif., American Bibliographical Center, 1969. 183 p. Note: Published under contract with the Smithsonian Institution.

NAL Call Number: Z5071.U5S3

Descriptors: agriculture, United States, history, bibliography, books and pamphlets, 1607-1967.

Schlebecker, John T. and the Smithsonian Institution. *Living Historical Farms, A Walk into the Past*. Washington, [D.C.] 31 p., ill. 1981.

NAL Call Number: S549.S3

Descriptors: historical farms, historical animals and crops, plants, illustrated work.

Schwartz, Charlotte. *Friend to Friend: Dogs that Help Mankind by Charlotte Schwartz, Foreword by Roger Caras*. 1st ed. New York, [N.Y.]. Howell Book House, 1984. 189, [1] p., ill.

NAL Call Number: SF428.2.S39 1984

Descriptors: dogs as helpers, working dogs, animal welfare, bibliography, illustrated work.

Schwartz, Marion and Hochgraf, Susan. *A History of Dogs in the Early Americas [by] Marion Schwartz, with Selected Drawings by Susan Hochgraf*. New Haven, Conn. Yale University Press, c1997. xiii, 233 p., [4] p. of plates: ill. (some col.), maps.

NAL Call Number: E59.D69S38 1997

Descriptors: Native Americans, Indian's dogs, use of dogs by Native Americans, social life and customs, domestic animals, illustrated works.

Schweitzer, Albert and Charles Rhind Joy. *The Animal World of Albert Schweitzer: Jungle Insights into Reverence for Life, Translated and Edited with an Introduction by Charles R. Joy, Illustrated with Drawings by Richard Bartlett and Photographs by Charles R. Joy*. 1st Ecco edition. Hopewell, NJ, Ecco Press, c1950. 209 p., ill., ports.

NAL Call Number: QL336.S38 1950

Descriptors: animal world according to Albert Schweitzer, jungle insights, philosophy regarding animals.

Science Museum Library and Pauline Dingley. *Historic Books on Veterinary Science and Animal Husbandry: the Comben Collection in the Science Museum Library*. London, [Great Britain]. HMSO, 1992. 183 p., ill., facsim. s.

NAL Call Number: Z6674.S39 1992

Descriptors: historic books on veterinary science and animal husbandry, Comben Collection, Science Museum Library collections, England.

Sheldon, Jennifer W. *Wild Dogs: the Natural History of the Non-Domestic Canidae*. San Diego, [CA]. Academic Press, c1992. x, 248 p., ill.

NAL Call Number: QL737.C22S535 1991

Descriptors: Canidae, wild dogs, types, characteristics, behavior, illustrations, bibliography, index.

Shepard, Paul. *The Others: How Animals Made us Human*. Washington, D.C. Island Press, c1996. x, 374 p., ill. Note: AA Shearwater Book@.

NAL Call Number: QL85.S49 1996

Descriptors: human-animal relationships, human ecology, philosophical anthropology.

Shultz, William John. *The Humane movement in the United States, 1910-1922*. 1st AMS edition. New York, [N.Y.] AMS Press, 1968. 319 p. *Bulletin of Social Legislation on the Henry Bergh Foundation for the Promotion of Humane Education*, no. 6, *Columbia University Studies in the Social Sciences*, 252. Note: Reprint of the 1924 edn. Includes index.

NAL Call Number: HV4705.S58 1968

Descriptors: humane movement in the United States, 1910-1922, animals welfare, child welfare, legal status, historical review, activities, events.

Simon, Noel and Paul Geroudet. *Last Survivors, The Natural History of Animals in Danger of Extinction*. New York, [N.Y.]. World Pub. Co., 1970. 275 p., ill.

NAL Call Number: QL88.S5

Descriptors: natural history, last survivors, animals in danger of extinction, extinct animals, illustrated works.

Skaggs, Jimmy M. *The Cattle-Trailing Industry: Between Supply and Demand, 1866-1890*. Lawrence, [Kansas]. University Press of Kansas. [n.d.] ix, 173 p., ill. Note: Originally presented as the author=s thesis, Texas Tech. University.

NAL Call Number: HD9433.U5T377

Descriptors: cattle trailing industry, history 1866-1890, economics, cattle supply, moving cattle to market.

Sloan, A. and A. Farquhar. *Dog and Man. The Story of a Friendship*. New York, [NY]. Benjamin Blom, 1971. 223 p., ill. Note: This is a reprint of the 1925 edition, and includes bibliographical references.

NAL Call Number: QL795.D6S6 1971

Descriptors: dog legends, dogs human interactions, anecdotal stories.

Smith, Arthur Croxton. *About Our Dogs, the Breeds & their Management*. London, [Great Britain]. Ward, 1931. 448 p., front., ill., pl.

NAL Call Number: 48 Sm52A

Descriptors: dogs, dog breeds, dog management, breed behavior, breed traits, descriptions.

Smith, Bruce D. *The Emergence of agriculture*. New York, [N.Y.]. Scientific American Library: Distributed by W.H. Freeman, c1995. 231 p., ill. (some col.), maps. *Scientific American Library Series*, no. 54. Note: Includes bibliographical references (p. 215-218) and index.

NAL Call Number: GN799.A4S52 1994

Descriptors: agriculture origin, agricultural prehistoric, origin of cultivated plants, origins of domestic animals, effect of human beings on nature, paleoethnobotany, in search of origins, creating new plants and animals, new technology and the search for agricultural origins, the fertile crescent, Europe and Africa, Middle and South America, Eastern North America and the Southwest.

Smith, Donald John. *Horses at Work*. Wellingborough, [Northants], [Eng.?]. P. Stephens, New York, N.Y. Distributed by Sterling Pub. Co., 1985. 192 p., ill.

NAL Call Number: SF311.S63

Descriptors: horses, draft horses, working horses, breeds, characteristics, history.

Smith, Edward. *The Life of Sir Joseph Banks: President of the Royal Society, with Some Notices of his Friends and Contemporaries by Edward Smith, with a Photogravure Frontispiece and Sixteen Other Illustrations*. London, [Great Britain]. John Lane, New York, [NY] John Lane, 1911. xvi, 348 p., plates: ill., ports.

NAL Call Number: 120 B22

Descriptors: life of Sir Joseph Banks 1743-1820, President of the Royal Society, portraits, England.

Smith, Sir Frederick. *A Manual of Veterinary Physiology*. 3rd ed., completely rev. New York, [NY]. Jenkins, 1910. 715 p., ill.

NAL Call Number: SF768.S6 1910

Descriptors: veterinary physiology, domestic animals, anatomy and physiology, veterinary history.

Smith, Penelope. *Animal Talk: a Guide to Communicating with and Understanding Animals*. 1st ed, rev. Point Reyes Station, CA. Pegasus, 1984, c1982. 76 p., ill.

NAL Call Number: QL776.S63 1984

Descriptors: animal talk, understanding animal communication, human-animal communication, human-animal relationships, animal welfare.

Smith, Willard S. *Animals, Birds, and Plants of the Bible by Willard S. Smith. Drawings by William Duncan*. [1st ed.]. Needham Heights, Mass. Church Art, [1971]. 63 p., ill.

NAL Call Number: BS660.S63

Descriptors: Biblical references to animals, birds, plants, and nature.

Smithsonian Institution, Wilton Dillon and John Frederick Eisenberg. **Man and beast: comparative social behavior.** Washington, [D.C.], Smithsonian Institution Press, [1971]. 401 p., ill. *Smithsonian Annual*, 3. Note: APapers delivered at the Smithsonian Institution annual symposium, 14-16 May 1969."

NAL Call Number: BF671.M26

Descriptors: man and beast, social behavior in animals, comparative psychology, social psychology.

Soave, Orland A. ***The Animal/Human Bond: a Cultural Survey.*** San Francisco, [CA]. Austin & Winfield Publishers, 1998. vii, 209 p., ill.

NAL Call Number: QL85.S6 1998

Descriptors: human-animal bond, cultural survey, illustrated work.

Srivastava, Prem Dulare. ***Economic Zoology: the Role of Animal Life in Human Welfare, Agriculture and Industry by P.D. Srivastava, foreword by N.C. Pant.*** 1st ed. [New Delhi, [India]. Commercial Publications Bureau, 1977. xii, 300 p., ill.

NAL Call Number: SB805.S7

Descriptors: economic zoology, role of animals in human welfare, agriculture and industry.

Swammerdam, Jan. ***The Book of Nature by John Swammerdam, Translated by Thomas Flloyd.*** New York, [N.Y.] Arno Press, 1978. xx, 236, 153, lxiii p., [27] leaves of plates, ill. *Biologists and their World.* Note: Translation of *Bybel der Natur* by Thomas Flloyd, Reprint of the 1758 ed. printed for C.G. Seyffert, London, [England]. First name varies: John, Jan, Johann.

NAL Call Number: QL463.S8513 1978

Descriptors: book of nature, natural history, English translation, translation of *Bybel der natur*, reprint of 1758 edition, England, illustrated works, early biologists, Jan Swammerdam 1637-1680.

Swarup, Shanti. ***Flora and Fauna in Mughal Art.*** Bombay, [India]. Taraporevala, c1983. xii, 76 p., [48] p. of plates, ill. Note: Revision of the author=s thesis (Ph.D).

NAL Call Number: N7680.S9

Descriptors: flora and fauna in Mughal art, plants in art, animals in art, birds in art, Mughal painting, Pahari painting, India, illustrated works, Shanti Swarup 1916-.

Telesko, Werner. ***The Wisdom of Nature: the Healing Powers and Symbolism of Plants and Animals in the Middle Ages.*** Munich, [Germany], New York, [N.Y.]. Prestel, c2001. 95 p., ill. (chiefly col.).

NAL Call Number: ND3340.T44 2001

Descriptors: nature, plants and animals, symbolism, healing powers, illumination of Medieval books and manuscripts, symbolism in art, animals in art.

Tellington-Jones, Linda and Robyn Hood. ***Tellington Ttouch for Cats, Dogs, and Humans from T.E.A.M. News International & Animal Ambassadors International by Linda Tellington-Jones & Robyn Hood.*** Vernon, B.C. [Canada?]. R. Hood, 1992. 100 p., ill.

NAL Call Number: SF412.7.T46 1991

Descriptors: Tellington Ttouch, cats, dogs, humans, massage and touch for animals, pets training, animal training, human-animal communication, pets behavior.

Teutsch, Gotthard M. ***Die AWurde der Kreatur@ : Erlauterungen zu einem neuen Verfassungsberiff am Beispiel des Tieres. Gotthard M. Teutsch, mit einer Einfuhrung von Antoine F. Goetschel. [The Dignity of Creatures].*** Bern, [Switzerland]. P. Haupt, c1995. xiii, 120 p. Note: Text mostly in German, some English.

NAL Call Number: HV4708.T42 1995

Descriptors: animals in society, moral and ethical aspects of animal use, religious aspects regarding animals, human-animal relationships, animal welfare.

Thurston, Mary E. ***The Lost History of the Canine Race: Our 15,000-Year Love Affair with Dogs.*** Kansas City, Mo.: Andrews and McMeel, c1996. xii, 301 p., ill. (some col.).

NAL Call Number: SF422.5.T48 1996

Descriptors: dogs, lost history, canine origins, the development of domestic dogs, dog breeding and breed development.

Topsell, Edward. ***The Fowles of Heaven or [sic] History of Birdes.*** Austin, [TX], [1972]. 332 p. Note: Topsell=s

ms. of his translation and alphabetical abridgement of U. Aldrovandi's *Ornithologiae* (covering A-C) is here presented with the omission of Book XIV, *De Pulveratricibus domesticis*. [16??].

NAL Call Number: QL673.T67 1972

Descriptors: birds, bird history, fowl, reprint, manuscript translation, zoology pre-Linnean works, [16??] edition, [1972] edition, Edward Topsell 1572-1625?, Ulisses Aldrovandi 1522-1605?

Tusser, Thomas and Edward Verrall Lucas. *Five Hundred Points of Good Husbandry by Thomas Tusser, with an Introduction by Sir Walter Scott and a Benediction by Rudyard Kipling Incorporated in a Foreword by E.V. Lucas*. London, [Great Britain]. J. Tregaskis & Co. 1931. xii, [2], 336 p., ill. Note: engraved title page. Text is that of the edition of 1596, 1868-1938.

NAL Call Number: 30.8.T87 1931 R

Descriptors: husbandry of animals, introduction by Sir Walter Scott, benediction by Rudyard Kipling, reprint, text of 1596 edition, illustrated work, Thomas Tusser 1524?-1580, Edward Verall Lucas 1868-1938, rare book.

United States. [Dept. of Agriculture] Bureau of Entomology. *Bibliography of the More Important Contributions to American Economic Entomology*. Washington, [D.C.], Govt. Printing Office, 1889-1905. 8 vols. Note: Also cataloged as NAL Call Number: 1 En83B. At head of title, Pt. I-VII: U.S. Department of Agriculture. Division of Entomology, Pt. VIII: U.S. Department of Agriculture. Bureau of Entomology. Continued by *Index to the Literature of American Entomology*, issued by the American Association of Economic Entomologists. Pt. I-III. **The More important writings of Benjamin Dana Walsh and Charles Valentine Riley**. By Samuel Henshaw, 1889-1890. Pt. IV-V. **The More important writings of government and state entomologists and of other contributors to the literature of American economic entomology**. By Samuel Henshaw, 1895-1896. Pt. VI. **The More important writings published between June 30, 1888, and December 30, 1896**. By Nathan Banks, 1898. Pt. VII. **The More important writings published between December 31, 1890, and January 1, 1905**. By Nathan Banks, 1905.

NAL Call Number: 241.74 In2 1889-1905

Descriptors: Bureau of Entomology, United States Department of Agriculture, bibliography regarding economically important insects, entomologists, published writings, eight volumes, 1889-1905, Charles Valentine Riley 1843-1895, Benjamin Dana Walsh 1808-1869, Nathan Banks b. 1868, Samuel Henshaw 1852-1941.

United States. Dept. of Agriculture. Office of General Counsel. *Supplement to the Twenty-Eight Hour Law Annotated. Issued November 8, 1911*. Washington, [D.C.], Govt. Printing Office, 1911. 11 p.

NAL Call Number: 1 So45T 1911

Descriptors: ruling on the 28 hour law for transport of livestock, supplement November 8, 1911, Office of the Solicitor, U.S. Department of Agriculture, cattle, animal transportation, animal welfare.

United States. Dept. of Agriculture. Office of the Solicitor. *The Twenty-Eight Hour Law and the Animal Quarantine Laws Annotated*. United States. Dept. of Agriculture. Office of the Solicitor. [s.1.], 1915.

NAL Call Number: 1 So45T 1915

Descriptors: Office of the Solicitor, U.S. Department of Agriculture, 28 hour law, animal quarantine laws annotated.

University Museum. University of Pennsylvania and David Anthony. *Man and Animals: Living, Working, and Changing Together: in Celebration of the 100th Anniversary, the School of Veterinary Medicine, University of Pennsylvania [with] Contributions by David Anthony*. Philadelphia, [PA]. The University c1984. 80 p., ill. (some col.).

NAL Call Number: SF114.U5P4

Descriptors: man and animals together, 100th anniversary celebration, School of Veterinary Medicine, University of Pennsylvania, University Museum, exhibitions, history, domestic animals, animal welfare, illustrated work.

Urquhart, Judy. *Animals on the Farm: Their History from the Earliest Times to the Present Day*. London, [England]. Macdonald & Co., 1983. x, 182 p., [32] p. of plates, ill.

NAL Call Number: SF41.U74

Descriptors: history of the development of farm animals, historical review, England, domestic animals, livestock, illustrations.

Van Ness, G.B and U.S. Department of Agriculture, Agricultural Research Service, Animal Health Division. *Louis Pasteur and the ecology of anthrax*. Hyattsville, Md. U.S. Dept. of Agriculture, ARS, Animal Health Division, 1969. 11 p., ill. Note: Includes English translation of *Experimental pathology on the etiology of anthrax* by M. Pasteur, with collaboration of Messrs. Chamberland and Roux from *Comptes Rendus des Seances de l'Academie des Sciences*, 1880. Cover title. AMarch 1969."

NAL Call Number: aSF787.V3

Descriptors: Louis Pasteur's ideas on anthrax ecology, soil pollution, cattle diseases, disease prevention, soil as a reservoir of anthrax bacteria.

Varro, Marcus Terentius. *Varro on Farming*. [Great Britain?]. 1912. 375 p. Note: A reprint.

NAL Call Number: 30.8 V43

Descriptors: farming and agriculture in ancient times, Marcus Terentius Varro 234-149 B.C.?

Verhetsel, Ernest. *They Threaten your Health*. Tucson, Ariz. People for Ethical Animal Research, c1986. iv, 115 p. Note: Includes bibliographical references. AA critique of the antivivisection/animal rights (AV-AR) movement@. Includes index.

NAL Call Number: QP45.V47

Descriptors: critique of animal rights movement, biomedical research, vivisection as practiced in the United States, laboratory animals, anti-vivisection movement.

Vesey-FitzGerald, Brian Seymour. *The Domestic Dog: an Introduction to its History*. London, [Great Britain]. Routledge and Paul, [1957]. 226 p., ill.

NAL Call Number: 48 V63D

Descriptors: dogs, domestic dog history, the domestication of the wolf, development of breeds, illustrated work.

Vyvyan, John. *In Pity and in Anger: a Study of the Use of Animals in Science by John Vyvyan, with an Introduction by Tom Regan*. Marblehead, Mass. Micah, c1988. x, 167 p., ports. Note: Reprint. Originally published in London, [England] by Joseph, 1969. Continued by: *The Dark Face of Science*.

NAL Call Number: HV4915.V93

Descriptors: use of animals in science, vivisection, historical view of the 19th century, England.

Wallace, Alfred Russel. *My Life: a Record of Events and Opinions by Alfred Russel Wallace*. New York, [N.Y.] Dodd, Mead, 1905. 2 vols., ill. (some folded), facsim., maps, ports.

NAL Call Number: 120 W15

Descriptors: Wallaces's life, record of personal events and opinions, illustrated work, naturalist of Great Britain, biography, Alfred Russel Wallace 1823-1913.

Warren, Edward Royal. *The Mammals of Colorado, an Account of the Several Species Found within the Boundaries of the State, Together with a Record of their Habits and of their Distribution, by Edward Royal Warren, with Three Maps and a Full Series of Illustrations Reproduced from Photographs taken from Nature*. New York, [N.Y.] and London, [Great Britain], G.P. Putnam=s Sons, 1910. xxxiv, 300 p., ill.

NAL Call Number: 412.1 W25

Descriptors: mammals of Colorado, state species, distribution, habits, illustrated work, Edward Royal Warren 1860-1942.

Waterton, Charles. *Wanderings in South America, the North-West of the United States, and the Antilles, in the Years 1812, 1816, 1820, & 1824: with Original Instructions for the Perfect Preservation of Birds, etc. for Cabinets of Natural History by Charles Waterton, Esq., Including a Memoir of the Author by Norman Moore, with Illustrations and a Brief Introduction by Charles Livingston Bull*. New York, [N.Y.], Sturgis & Walton Co., 1909. vii, 341 p., ill.

NAL Call Number: 125 W31

Descriptors: South America, North Western United States, Antilles, description and travel, natural history, bird preservation instructions, memoir of Norman Moore Waterton 1782-1865, illustrated work.

Weight, Hardd O. *Twenty mule team days in Death Valley*. 1911-, Twentynine Palms, Calif., Calico Press. [1972, c1955]. 44 p., ill., parts., maps. *Southwest Panorama* no. 3.

NAL Call Number: F868.D2W44 1972

Descriptors: mule teams, Death Valley, illustrated works, used for transport, historical account of their care and use, United States history.

Wheeler, William Morton. *Foibles of Insects and Men*. New York, [N.Y.], A.A. Knopf, 1928. xxvi, 217, xi, [1] p., ill. Note: Chapters: **Introduction**. **The Physiognomy of insects**. **Insect parasitism and its peculiarities**. **A Solitary wasp (*Aphilanthops frigidus* F. Smith) that provisions its nest with queen ants**. **A Study of the guest ant *Leptothorax emersoni***. **The Ant colony as an organism**. **The Kelep ant and the courtship of the mimic, *Cardiacephala myrmex***. **The Organization of research**. **The Dry-rot of our academic biology**. **The Termitodoxa**,

or biology, and society.

NAL Call Number: 422 W562F

Descriptors: insects, physiognomy of insects, insect parasitism, peculiarities, solitary wasp, *Aphilanathops frigidus F. Smith*, provides the nest with queen ants, guest ants, study of *Leptothorax emersoni*, ant colony as an organism, kelep ant and courtship of the mimic, *Cardiacephala myrmex*, comments on research in academic biology, termitodoxa, biology and society.

Wheeler, William Morton. **Societes d=insectes. English edition. The Social insects, their origin and evolution.** London, [Great Britain], K. Paul, Trench, Trubner & Co., Ltd., New York, [N.Y.], Harcourt, Brace and Company, 1928. xviii, 378 p., xlvii pl. on 24 1. diagrs. *International Library of Psychology, Philosophy and Scientific Method.* Note: AThe twelve lectures which make up the present volume were delivered during the spring of 1925 at the University of Paris and were published by Gaston Doin & Co., during the summer of 1926 under the title >*Les societes d=insectes, leur origine, leur evolution*=.@

NAL Call Number: 422 W562Soc

Descriptors: social insects, their origins, ideas on their evolution, illustrated work.

Whitman, Charles Otis, Carr, Harvey A., Oscar Riddle and Charles Otis Whitman. **Posthumous works of Charles Otis Whitman, Professor of Zoology in the University of Chicago, 1892-1910, Director of Marine Biological Laboratory at Woods Hole, 1888-1908, edited by Oscar Riddle.** Washington, [D.C.], The Carnegie Institution of Washington, 1919. 3 vols., front. (port.), ill., plates (part col.). *Carnegie Institution of Washington Publication* no. 257, vols. 1-3. Note: APaper no. 28 of the Station for Experimental Evolution at Cold Spring Harbor, New York.@ Vol. 3 edited by Harvey A. Carr, with a preface by Oscar Riddle. Vol. 1. **Orthogenetic Evolution in Pigeons.** Vol. 2. **Inheritance, Fertility and the Dominance of Sex and Color in Hybrids of Wild Species of Pigeons.** Vol. 3. **The Behavior of Pigeons.** Other title: **Behavior in Pigeons.** Other series: *Paper of Department of Genetics (Carnegie Institution of Washington)* no. 28.

NAL Call Number: 443 W59

Descriptors: posthumous works of Charles Otis Whitman 1842-1910, zoology, illustrated work, orthogenetic evolution in pigeons, inheritance, fertility, dominance of sex and color in wild species of pigeons, pigeon behavior of pigeons.

Wilson, James French. **The Sheep-killing dog.** Washington, D.C.: U.S. Dept. of Agriculture, 1918. 32 p., ill. *Farmers= Bulletin. United States Department of Agriculture*, no. 935. Note: Cover title. Contribution from the Bureau of Animal Industry. This Bulletin supersedes *Farmers= Bulletin* no. 652.

NAL Call Number: 1 Ag84F no. 935

Descriptors: sheep-killing dogs, illustrated work, pest animals, loses, prevention, training.

Wiser, Vivian. **Two centuries of American agriculture (1775-1975), edited by Vivian Wiser.** Washington, [D.C.] The Agricultural History Society, 1976. vi, 315 p. *Agricultural History*, vol. 50, no. 1. Note: Bicentennial Symposium. Sponsored by: Agricultural History Society, Smithsonian Institution, U.S. Department of Agriculture.

NAL Call Number: S441.S97 1975

Descriptors: two centuries American agriculture, 1775-1975, changes, accomplishments, inventions, animals, plants, historical work.

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