A New World of Animals: Early Modern Europeans on the Creatures of Iberian America


How would you describe a beaver to someone who has never seen a beaver? Is it simply a 20 kg rat with thick fur and with something that has the texture and consistency of an elephant’s ear sticking out of its backside? That person to whom you are giving the description might be forgiven for disbelieving you. What about a whole forest of new animals including muskrats, otters, woodchucks, skunks and any of the larger forest-dwelling species? In North America we have an abundance of animals which were unknown in the Old World before European exploration. Combine these animals with their South American counterparts and add birds, reptiles, amphibians, and insects known only to the New World and you have the basis for the book given to us from Miguel de Asua.

For the history buff and the technophile who wants to track down the classic literature of the conquest of the Americas, this book is a new door to obscure literature of natural history. Miguel de Asua is an Argentinian professor at the Universidad Nacional de San Martin and Roger French was English, from the department of History and Philosophy of Science at Cambridge University, UK. Their work focuses on the animals found by early explorers of the Americas, particularly South America though reference is made to animals occurring in North America as well. The reader is introduced to many of the early writers describing the newly discovered lands, and emphasis is placed on the animals, birds, reptiles, amphibians and insects which the authors noted at the time.

From the earliest explorers, Columbus and his followers, the discovery of the New World has been a discovery of the beauty and ferocity of many new and exciting creatures. Columbus returned with birds, skins and many stories trying to describe the richness of nature which he found and impress his audiences with tales of strange and exciting beasts. Written accounts which survived from his time sought to identify the animals, birds and reptiles using the experience of known animals and the descriptions are interesting associations with European and Asian animal forms put together to construct forms which would be within the experience of the audience. So bison looked like camels or cows, armadillos looked like striped foxes and manatees looked like large puppies.

For two hundred years the animals of the New World were exotic, unique and objects of wonder in Europe. Even as the years rolled on with more and more literature being accumulated from explorers, naturalists and then colonists with animals imported into Europe as exotic pets and zoo specimens, the earliest descriptions survived and were repeated. De Asua takes us on a literature search, naming writers, quoting their writ-
ings and showing the parallels as information, disinformation and wild speculation was accumulated, repeated and refuted.

This is a new study of scientific literature because of its origins and perspectives. First of all it is centred on South America with only some brief mentions of North American mammals. Secondly it is restricted to the writers first in Spanish then in central Europe, all of whom wrote in their own language for audiences in their local areas. Only toward the end of the literature covered in the book are we introduced to English sources though the names are obscure here as well. A good conclusion is added where the ideas of the sailors, soldiers, functionaries, friars and adventurers each had their day and their utility in telling a part of the natural history story. The opinions and wisdom of the native peoples of the Americas are not given much consideration because of course they did not write to Europe and the conquerors formed their own opinions based on the utility of the natural wildlife to their own needs, not the inherent worth of the ages of native wisdom.

This is neither an easy book to read nor a simple historical storybook. It is a history of intellectual thought and discovery. There are many gems of thought included but the reader needs to be attentive to the thesis of the writer not simply to the many repetitions of the details.

JIM O’NEILL
28718 Five Mile Road, Livonia, Michigan 48154 USA

Penguins of the World

If you take one of the most photogenic birds in the world, living in the most pristine habitat and send forth a remarkable photographer, can you fail? No!

The hard part about penguins is getting to where they live. Then anyone can point-and-shoot and get a fine photo. The appearance of penguins is so charming that failure is not an option. A quick thumb through the photos in this book will show how Lynch can take such a good photo opportunity and make the result magnificent.

But let us look at the text first. In a smooth flowing narrative the author takes us through the lives of the world’s 17 penguin species. He covers the origins and ancestry of this long-lived family. Most intriguing is Lynch’s description of a five foot seven inch prehistoric bird. Now that would have been a sight! The author explains why penguins are shaped the way they are and the uniqueness of their adaptation to sea life. He describes their habitat. You may be surprised to realise that most species live in the temperate [not polar] region.

With humour, he explains their sex lives and the advantages of their marriage and divorce systems. He follows their lives from egg to adulthood. In all of this he make these birds sound human. Or is it that we humans are like penguins – after all they have a much longer lineage?

From sex to family life, from feeding to predators the author weaves a delightful tale of the delightful creatures. In addition you will get to know some of the penguins, sometimes less-than-delightful, neighbours. Only a photographer as good as Lynch could make a pair of Sheathbills look cuddly. He also adds a chapter on the northern counterpart of penguins, the alcids.

An appendix lists all the penguin species, with a range map and photo for each one. This is not a field guide as there is no species description. There is, however, a small photo of an adult. The range maps and distribution notes are clear and useful. Lynch notes the population size and the species status. These range from a scant 1000 or more pairs of Galapagos Penguins to 10 million Macarons.

The photographs are wonderful. Many of them are so balanced in format as to look posed. This speaks of the infinite patience and possibly some good luck that Lynch had on his trips. One notable point is the sunshine. In my trips to polar regions I rarely see the sun, yet many of his photos bask in glorious light – more patience I think. There is a photo of a braying penguin showing the backward-facing spikes on his tongue in remarkable detail. There are numerous portraits of chicks, with and without parents, that are irresistibly charming.

I have seen 10 out of the 17 living species. To see six of the remaining species I must visit New Zealand and the islands that lie to its south, a difficult and very expensive area to reach. But the lure for a penguinophile is undeniably very strong. However, if you have never seen wild penguins and are not likely to do so, then this book is the next best thing. Buy it and enjoy it, for only the smell is missing.

ROY JOHN
2193 Emard Crescent, Beacon Hill North, Ottawa, Ontario K1J 6K5 Canada