

NEW  
HORIZONS

Anno

EC BOOKS

2013

## CONTENTS

Opusculorum pars prior, sive experimenta circa generationem  
insectorum Ad Illustrem Virum Carolum Dati

4

Metamorphosis et Historia Naturalis Insectorum

7

The Ornithology In Three Books

10

The Naturall and Morall Historie of the East and West Indies

14

The General History of China

17

LA palingenesie philosophique ou idees sur l'état passe' et sur l'état  
futur des etres vivans.

22

Opera Mathematica

24

# INTRODUCTION

We hope that this guide to a few of the works on our shelves will prove to be of interest.

This collection is concerned solely with our most distinguished works of Natural Science, the study of the world and observations on the laws of the natural order.

Here are those works which we consider the most pivotal in our collection. The work of those who have helped push the boundaries of our understanding and affect us to this day. These books are all rare volumes, generally few were printed and fewer still have survived.

If you are interested in any of these or want to know more about our stock, please contact us at [Books@ECRareBooks.com](mailto:Books@ECRareBooks.com), or you can see our stock on Biblio under E.C.Books.



Opusculorum pars prior, sive experimenta circa generationem  
insectorum Ad Illustrem Virum Carolum Dati.

Accedit J. Frid. Lachmund De Ave Diomedea Dissertatio

Vol I. - 1686

Francisci [Francesco] Redi

Henricum Wetstenium

Amstelaedami [Amsterdam]

*Pulex Picæ*

Redi (1626-1697) was an Italian physician, naturalist and poet. Born in Arezzo, Italy, studied at the University of Pisa and received doctorates in medicine and philosophy at the age of 21.

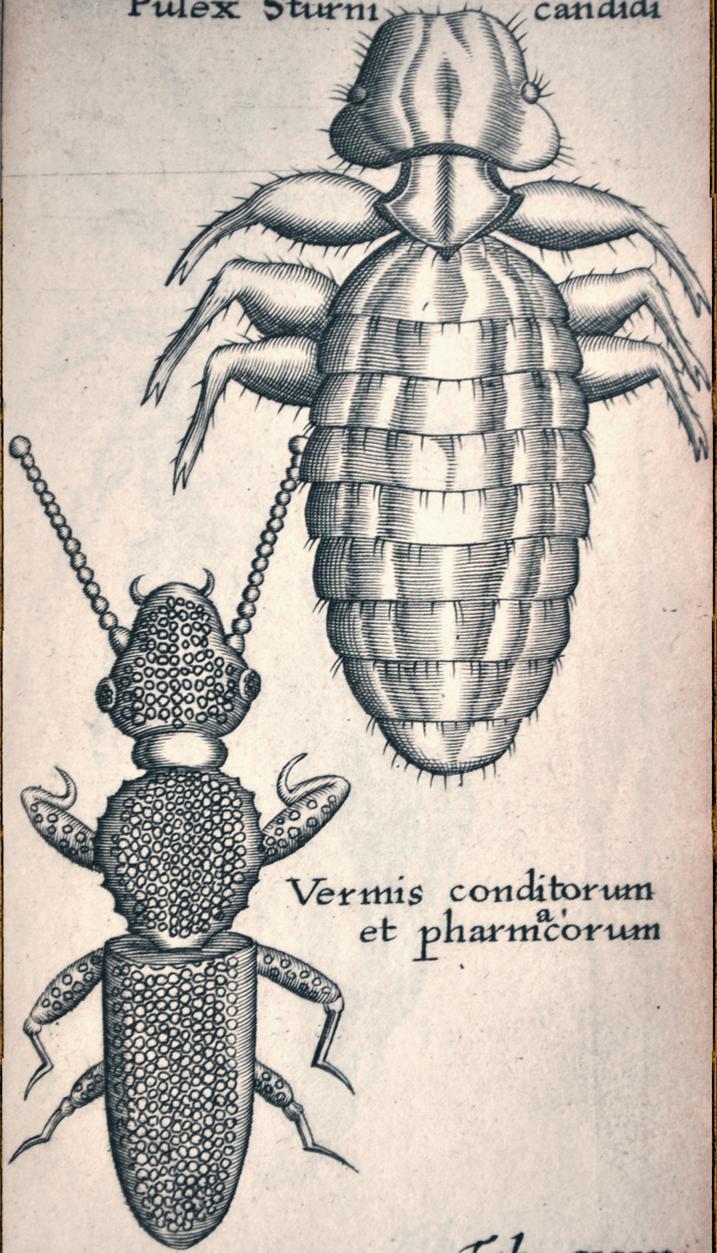
He worked in Florence at the court of Medici – both of Fernando II and Cosimo III. His first work took apart the current myths on snakes and snake venom.

His major work in 1668 – *Experiments on the Generation of Insects* – used controlled experiments on 6 jars of insects. He was also the first to describe ectoparasites within experimental biology.

To this day he is used as an example of a forensic entomologist. Although his work on spontaneous generation was far from solid, it later proved pivotal in disproving the theory.



Pulex Sturni candidi



Vermis conditorum  
et pharmicorum

Tab. xvii

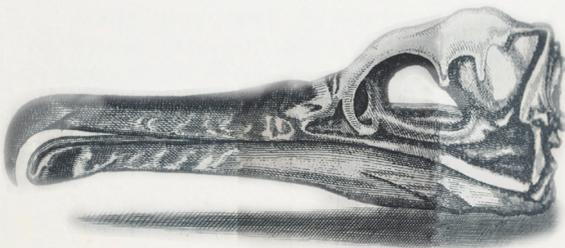
## Physical Condition

A good copy of Volume I of the 2 volume latin translation of Redi's classic work, bound in contemporary full vellum. With what appear to be most of the plates from Volume II bound in - having 26 folding plates and 31 single page plates in addition to the decorative frontispiece title page.

The binding is in very good condition - being slightly grubby and with light wear only. With printed name of T H Longfield on a preliminary. With decorative title page/frontispiece; title page, epistola (7pp); contents page; text (216pp plus plates); index - authorum (6pp); additional index - index rarum notabilium(13pp); title page - De Ave Diomedea Dissertatio...; section headed B.L.S (2pp); section headed 'Clarissimo viro, D Johanni Danieli Majori, SPD - pp 5-40; and index 'Rerum et Verborum. With decorative initial capitals. The contents are in good clean condition with slight browning to page edges. Some of the plates are labelled for insertion in volume II. An earlier owner has put small pencil ticks in the top margin of some plates. Small light book, please enquire if you would like us to assess postage at cost.

List price £600

Fig. B.



FRANCISCI REDI,  
*Patricii Aretini,*  
**OPUSCULORVM**  
PARS PRIOR,  
five  
EXPERIMENTA  
circa  
GENERATIONEM  
INSECTORVM  
Ad Illustrem Virum  
CAROLVM DATI.  
*Accedit*  
J. FRID. LACHMUND  
De AVE DIOMEDEA  
Dissertatio.

AMSTELÆDAMI  
Apud HENRICVM WETSTENIUM,  
c1o 13c LXXXVI.



# Metamorphosis et Historia Naturalis Insectorum

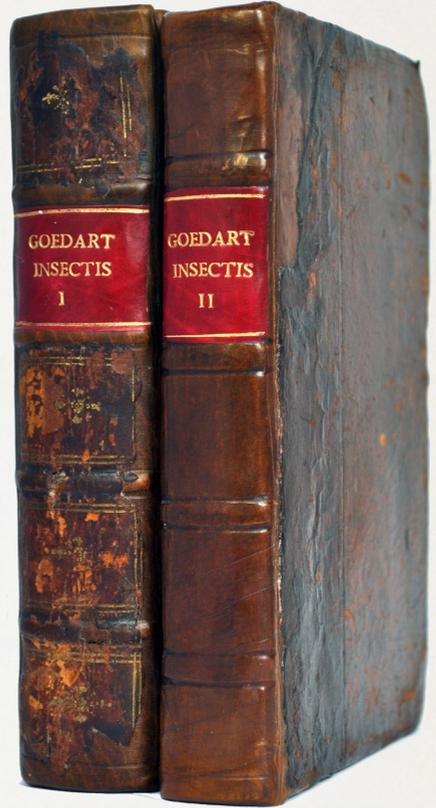
Vol I. & II. -1662

Joanne Goedartio [Jan Goedart] Jacobum Fierensium,

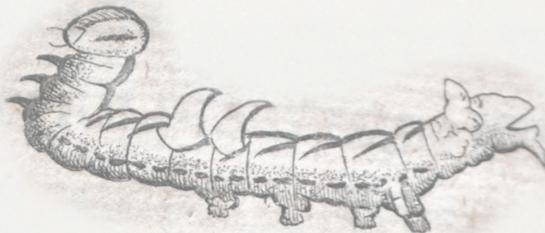
Medioburghi [Middleburgh]

*Goedart set up, observed and documented a series of 'experiments' which showed that insects change their appearance - and that the egg, the caterpillar and the butterfly can be the same animal rather than spontaneously appearing.*

*An extremely rare early work on the metamorphosis of insects. Jan Goedart originally wrote in Dutch and these 2 volumes are the first published translations of his work. Vol I is hand coloured and translated by Johannis de Mey and Vol II by Paul Veezaardt. A third volume was published after his death.*

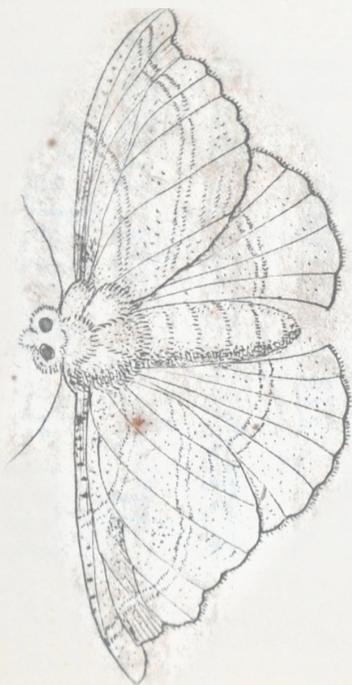


These 2 volumes are in what appears to be contemporary full leather. They are not matching but they have been recently repaired to re-back the spine on Vol I and provide a new spine to Vol II, and they have matching title labels.



Vol I is an exceptionally rare hand coloured copy. With title page in red and black inks and with scorpion design; hand coloured decorative title page; preface with decorative initial capital 15pp; Commentary by W Quirinus R 3pp; dedication by Joannis de May with decorative heraldic design 8pp; half title; text and plates 236pp. With 63 plates - occasionally separately numbered images on the same plate. The binding has raised bands and the remains of gilt tooling on the spine and some gilt bordering to the boards. It is sound but with scuffing and wear. Internally the volume is in very good condition. There is a little age browning, the odd spot and nibbled page edge, but the plate colouring is bright, and the text clear and clean.

Vol II published by Jacobum Fierensium and Johannem Martinum in 1667 in Middleburgh, has plain plates. These are not as decorative to look at, but do show the fine quality of the engravings. With title page with scorpion design and the signature of Simon Blenckarns written across the design. Small stamp of Janson and Sons at the base of the reverse of the title page. Introduction by Paul Veezaardt 25pp; preface 3pp; note by F v Kuel 1p; text and plates 259pp. With 42 plain plates. The binding has raised bands to the spine and is plain with 2 blind stamped lines on the boards. It is in poorer condition than Vol I, with more wear to corners where there is some loss. The paper quality is poorer and there is a lot of browning to text pages and occasional loss from page edges. Occasional spotting.



XXIV



A



## *The Ornithology In Three Books.*

Wherein all the Birds Hitherto known being reduced into a Method suitable to their natures are accurately Described

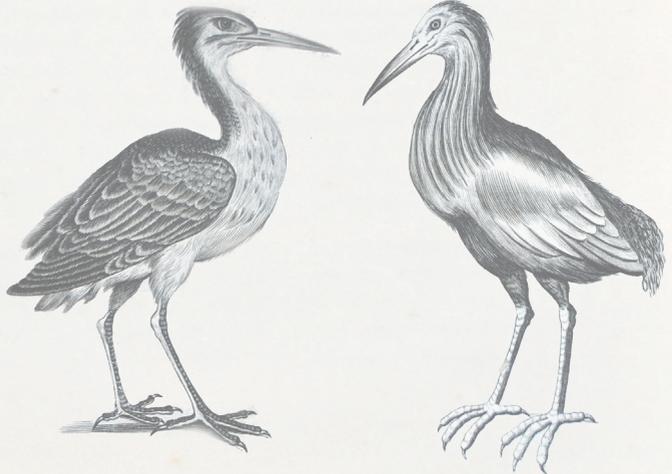
First English edition - 1678

Francis Willughby Edited By John Ray.

Andrew Clark for John Martyn

*This is the first English edition translated from the original Latin which was published in 1676, four years after Willughby's death, by his friend and colleague John Ray. It marks one of the first attempts to take a rational, scientific approach to classifying birds.*

*It is a matter of debate, and current research, as to whether Willughby or Ray played a greater part in its development and Ray certainly supervised the publication. The illustrations were commissioned from a number of sources and some birds are depicted twice where the initial image was not very good.*



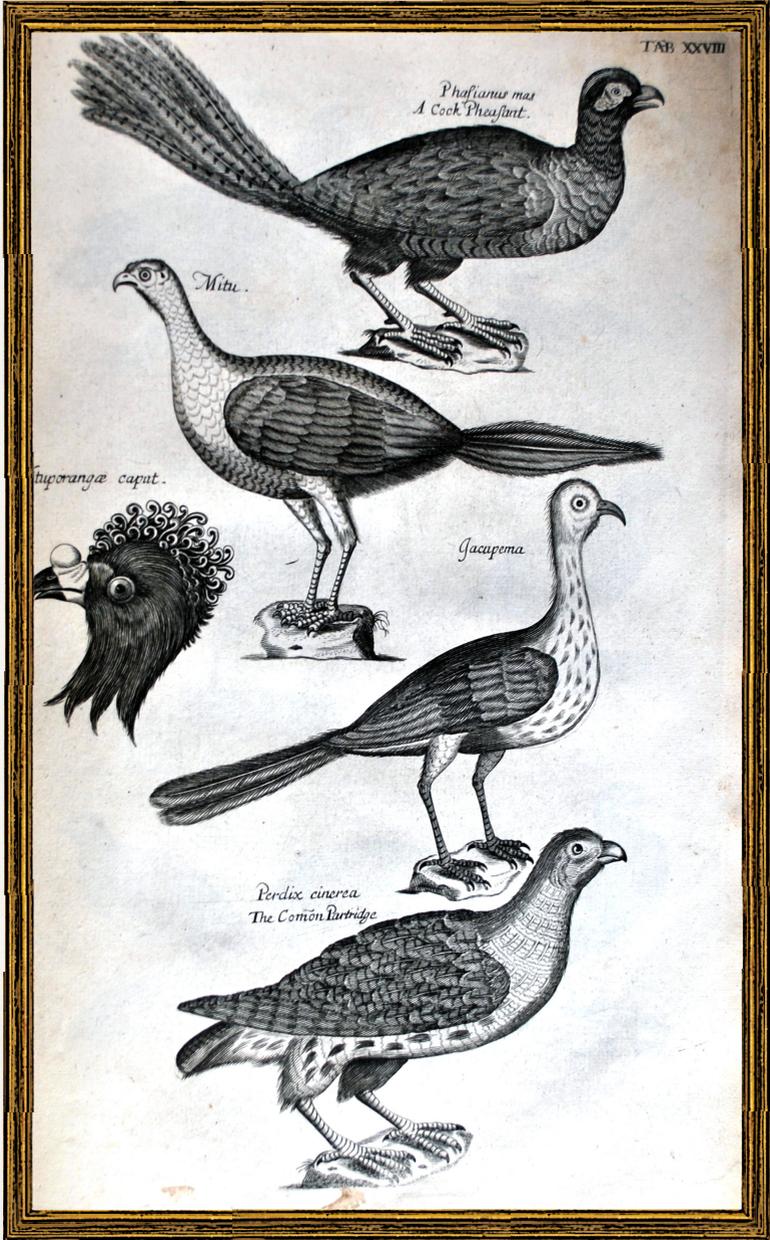
*Phasianus mas*  
A Cock Pheasant.

*Mitu.*

*Caporanga caput.*

*Jacupama*

*Perdix cinerea*  
The Common Partridge



*Falco peregrinus.*  
The Peregrine or  
haggard Falcon.

*Gyrfalco.*  
The Gyrfalcon.



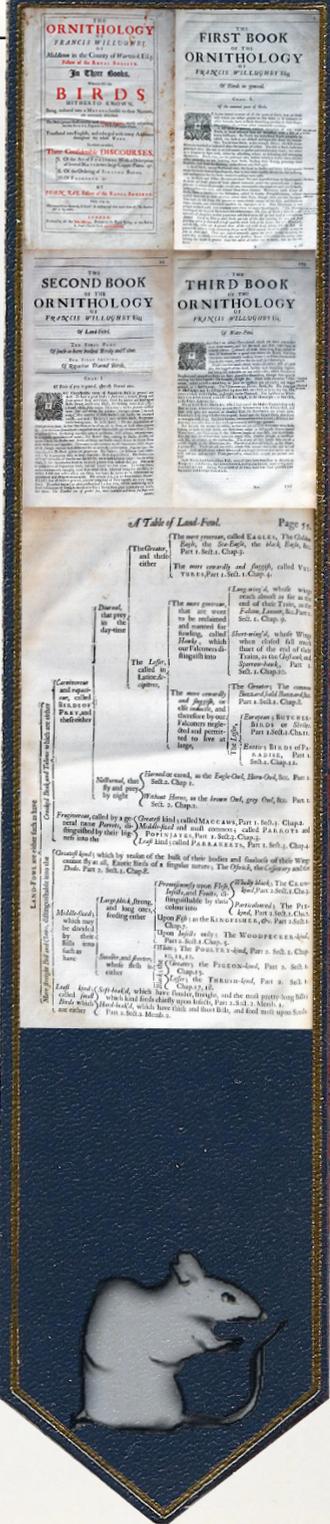
John Ray (1627-1705) was primarily a botanist, with his first book (flora of area around Cambridge) being published in 1660 before leaving the university in 1662.

He was later fortunate in finding Francis Willughby (1635-72) who was wealthy, young and primarily interested in zoology. The pair spent 14 years travelling together using the material gathered in this time to attempt to produce a 'Systema Naturae'.

However Willughby died at 36 leaving an annuity to Ray plus all the notes gathered which Ray spent the last 26 years of his life working on. The Ornithology was the first work to use engravings rather than cheaper woodcuts which Willughby's widow paid for, but Ray was disappointed about the quality of the engravings as the engravers were not naturalists.

A very good copy in a high quality full leather binding. With title page in red and black ink; preface; text in 3 books with 2 plates of bird traps bound in, and 2 tables which serve as early identification keys; an appendix; summary of falconry; index and 78 plates of birds (including the dodo) at the rear. This copy lacks the original endpapers - perhaps lost during the later rebinding - but is complete including the additional falconry material. There is some browning to page edges. Some of the plates have some fraying at the very edges where the paper is more fragile. This is most marked in plates LXXVI and LXXVIII - which also has a slight crease.

List price £4,500



# *The Naturall and Morall Historie of the East and West Indies*

First English edition - 1604

Joseph Acosta [translator Edward Grimston]

Printed by Val: Sims for Edward Blount and William Aspley

London

Jose de Acosta 1540-1600. Born in Spain, became a Jesuit novice at age 13; sent to Lima via Panama 1569-70; journeyed through tropical rain forest; crossed Andes – one of first people to describe altitude sickness.

He Accompanied the Viceroy of Peru for 5 years on his journeys before writing the bulk of his work in the Main Jesuit base on the shore of Lake Titicaca. After the 3rd Council of Lima sent to Mexico, Acosta saw an opportunity to learn more of the Aztecs, their environment and lost histories. He returned to Spain in 1587 where he published *De Natura Novi Orbis* in 1589 which was later expanded to *Historia Natural y Moral* in 1590, One of first detailed and realistic descriptions of the New World. He theorised that the original inhabitants migrated from Asia 100 years before Europeans knew about the Bering Strait. He also described Inca customs and history.



THE  
NATVRALL  
and Morall Historie of the  
*East and West*   
Indies.

Intreating of the remarkeable things of Heaven, of the  
Elements, Mettalls, Plants and Beasts which are pro-  
per to that Country : Together with the Manners,  
Ceremonies, Lawes, Governements, and Warres of  
the Indians.

*Written in Spanish by the R. F. Ioseph Acoſta, and  
translated into English by E. G.*



*London  
July 9  
1728*

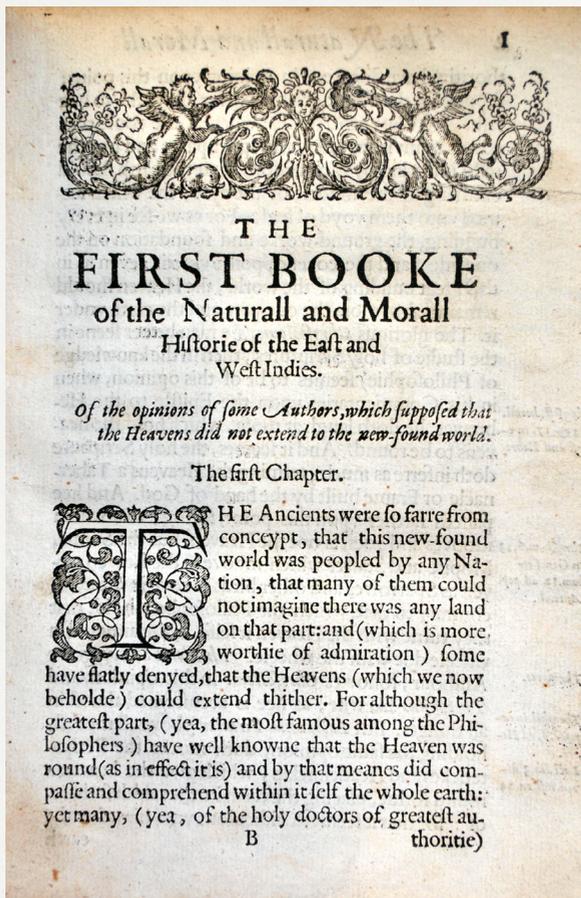
LONDON  
Printed by *Val. Sims* for *Edward Blount and Williams*  
*Aſpley.* 1694.

First english translation of this important work, first published in Spain in 1588 and in enlarged version 1590. This is copy is in a contemporary vellum binding. Acosta drew on 17 years experience as a Jesuit missionary to give a detailed account of the new world. His writing impressed Francis Bacon and he cited the work in New Organon and History of Winds.

Classed as fair because some pages have been removed and replaced with facsimile copies. The vellum binding is sound with blind tooled borders. It has some grubbiness as might be expected. Internally the first blank leaf has been replaced and the title page has been repaired to replace loss at the bottom corner. There is some browning and an ink sign and an inscription 'London, July 21 1728'. From the ink colour it looks as if this signatory has added a tail to the zero in 1604 to change the date to 1694. Pages 17-32 and 79-96 are in facsimile. There are some small repaired paper tears, small loss to the bottom inner corner of p65 not affecting text, and some ink lines in the margin of pp62-63. There is substantial ink, pencil and some biro marking on the final blank leaf.

Pages have very light brown toning and the occasional mark. Otherwise the text with decorative initial capitals and head and tailpieces is in good clean condition. Size 19 cm x 14.5 cm. An opportunity to buy this rare and significant work at a reduced price.

List price £2,000



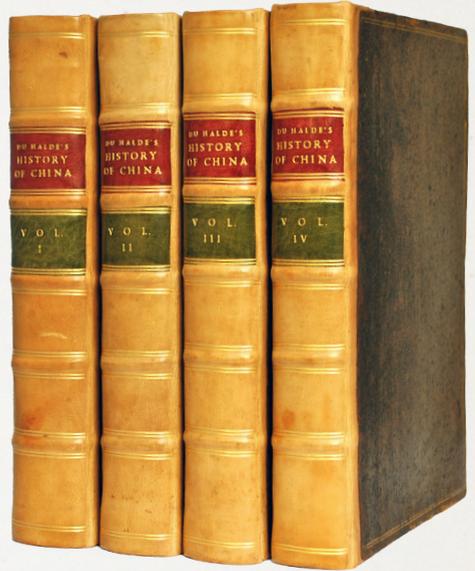
## *The General History of China.*

Containing A Geographical, Historical, Chronological, Political and Physical Description of the Empire of China, Chinese-Tartary, Corea and Thibet. Including an Exact and Particular Account of their Customs, Manners, Ceremonies, Religion, Arts and Sciences.

Jean-Baptiste du Halde  
Illustrated by Mr D'Anville, V dr Gucht  
published by John Watts, 1736, London.

4 volumes complete

Jean-Baptiste du Halde, 1674-1743.  
first appeared in Paris in 1735 and then  
reprinted in the Netherlands in 1736.  
He had a deep and lasting impact with  
his work being used by philosophers  
of 'the enlightenment' in their thinking  
about religious cultures and customs. This  
work 'opened up' China for European  
manufacturers who could now understand  
its geography and culture.



A PARTICULAR MAP of the ENTRANCE into CANTON.





A very good copy of the scarce 1st English edition of Du Halde's General History of China, translated in 4 volumes by Richard Brookes. Complete with 19 copper engraved plates of which 11 are folding, and 4 folding maps; and numerous head and tailpiece decorations and decorative initial capitals. Du Halde (1674 - 1743) was a French Jesuit and used the letters and accounts written by other Jesuit missionaries to compile his work. it was first published in French in 1735.

This English translation was made by Richard Brookes, an English physician known for translating works of natural history, geography, medicine and surgery.

All 4 volumes are in full leather: the original boards have been retained and they have newer spines with raised bands, gilt tooling and title and volume labels. All have an armorial bookplate of John Mills on the front pastedown.

THE GENERAL  
**HISTORY**  
OF  
**CHINA.**

CONTAINING  
A Geographical, Historical, Chronological,  
Political and Physical Description of the  
**EMPIRE of CHINA,**  
*Chinese-Tartary, Corea and Thibet.*

Including an Exact and Particular Account of  
their CUSTOMS, MANNERS, CEREMONIES,  
RELIGION, ARTS and SCIENCES.  
The Whole adorn'd with **CURIOUS MAPS,** and  
Variety of **COPPER-PLATES.**

Done from the French of  
**P. DU HALDE.**  
VOLUME the FIRST.

**LONDON:**  
Printed by and for **JOHN WATTS** at the Printing-  
Office in *Wall-Court* near *Lincoln-Inn Fields.*  
**MDCCLXXXVI.**



Volume I has an engraved frontispiece of Confucius; title page in red and black inks; dedication to Frederick, Prince of Wales, by Richard Brookes; preface; contents listing; folding map of China, 2 folding plates and 3 one page plates. 509 pp. There is a half title part way through to head up a section on Chinese Monarchy. There is a small repaired tear to the edge of the contents listing and the map has 2 very small brown spots.

Vol II has a frontispiece of Father Matthew Ricci; red and black title page; dedication to the Rt Hon Arthur Onslow; contents listing; 9 plates, of which 8 are folding, and one folding map of the Entrance into Canton. 438 pp.

Vol III had a frontispiece of Father Adam Schael; dedication to Dr Mead; contents listing and one folding plate. It also has 2 pages of musical notation. 496 pp. Vol IV has a frontispiece of Father Ferdinando Verbiest; dedication to the Directors of the United Company of Merchants of England trading to the E Indies; and 2 folding maps - Tibet and Captain Beering's travels. The Tibet map has a small tear which has been repaired with archive tape. 464 pp. All the contents are in very good and clean condition. A few pages have some light browning.

List price £8,000





*Father Ferdinando Verbiest, Chinese Missionary*

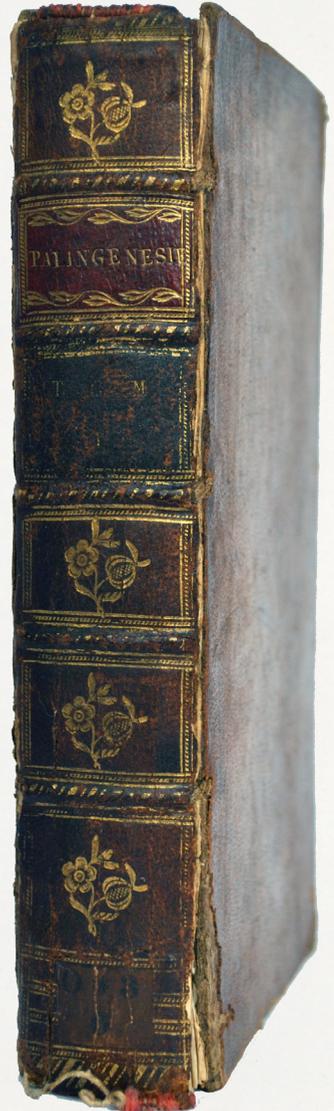
*L'Apalingenesie philosophique ou idees sur l'etat passe' et  
sur l'etat futur des etres vivans.*

Ouvrage destine' a servir de supplement aux derniers ecrits de l'auteur, et qui contient principalement le precis de ses recherches sur le christianisme geneve

Charles Bonnet  
Published by MARC-MICHEL REY  
1769, Amsterdam

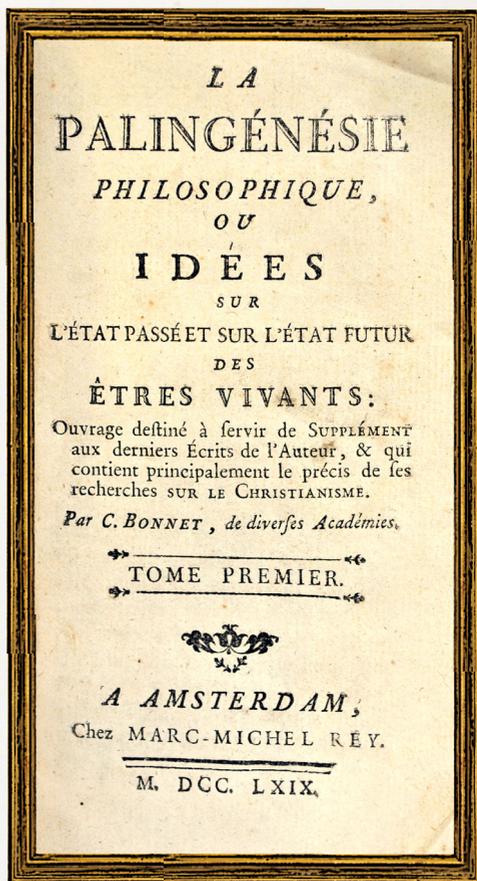
Bonnet - 1720-1793 - born and lived in Switzerland - lawyer by profession, natural scientist by interest. Known principally for 'Charles Bonnet Syndrome' - a medical condition which he was the first to describe.

Complete in 2 volumes bound in one in contemporary full leather binding. Charles Bonnet was born and lived in Switzerland - his profession was law but his interest was in natural science. He established the principle of 'parthenogenesis' in aphids through some early research. In this, his principle later work, he "advocates the view that the female body carries all future generations in miniature form. He believed that these so-called Homunculi would survive even the most severe catastrophes, like the Flood." (courtesy of whonamedit). This copy is a first edition. The binding, which has a red title label, raised bands outlined in gilt with gilt decorations to the spine and is full leather, is worn with splitting at the joints and wear to edges and corners. The contents are: title page; preface i-xvi; table xvii-xxiv; section 'Analyse abregee de l'essai analytique - pp 1-58;



title page - Tableau des considerations sur les corps organises; text pp 61-112; title page - Essai d'Application des Principes Psychologiques de l'Auteur; text pp 115-156; further title page; advertisement - pp 159-162; Avant Propos pp 163-167; Idees sur l'Etat Futur des Animaux - Part I pp 168-185; Part II pp 186-196; Part III pp 197-210; Part IV - Application aux Plantes 211-225; Part V Application aux Zoophytes 226-235; Part VI 236-263; half title; title page Vol II; Part VII pp 1-47; Part VIII pp 48-60; Part IX - Reflexions pp 61-95; Part X Nouvelles Considerations pp 96-121; Part XI Reflexions pp 121-170; Table de tome second, 2pp. The contents have decorative head and tailpieces and vignettes. They are clean and bright - the odd page has a corner turned over at the edge and the front free endpaper is detaching. There is staining to the edges of the endpapers.

List price £500



## Opera Mathematica

Francisca Vieta  
Lugduni Batavorum  
1646 - First Edition

Francisca Vieta was born in a small town near Rochelle in the year 1540 and died in Paris in 1603. Throughout his life he stated that he was no mathematician, but merely a person to whom mathematical studies proved delightful. While at court the court of Henry 3rd he claimed that his works on mathematics was mere relaxation for his time in public service (he being a Lawyer by profession). He served on the Council of State during the reign of Henry 4th and was saved from execution by Catherine de Parthenay (the duchess of Rohan).

He is credited with making an important step in the development of algebra and with introducing the concept of letters as parameters in equations.

This book contains his collected works, brought together by Frans von Schooten, a professor at Leiden University.







## *About EC Books*

We are rare book dealers. We specialise in Natural History and works prior to 1900 but have a wide range of stock from 1524 to the modern day.

Key areas we cover:

- Natural history - Entomology, works by Buffon and Cuvier, flowers, marine biology, fungi. Focused mostly on illustrated works with hand coloured plates
- Early works - Ovid, Pliny, John Bate
- Early historical writings - John Speed, Holinshed, Blome
- Eighteenth & nineteenth century womens literature - Maria Edgeworth, Jane Austen, Bronte sisters
- Illustrated works - Rackham, Dulac, Heath Robinson
- Fairy tales & Folklore
- Travel in the Eighteenth & nineteenth century