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Turtledove Book Company Bøger

Notes concerning the history of magnetism and magnetic concentration

Concerning Magnetic Concentraion – Perigrinus

The Letter of Petrious Perigrinus on the magnet 1269 - page XII Quotes from source

"He has worked diligently therefore what others grope after blindly as leads in the evening twilight, this man contemplates brilliantly because he is the master of experiments. he is thoroughly acquainted with all sorts of arms and implement used in military service"

page XII –Click on the book pages to turn to page 12

<http://www.archive.org/stream/letterofpetrusp00pieriala>

"De Magnet" 1600 William Gilbert

Quotes froim book

From the first great experimental scientist: the classic text, first published in Latin in 1600, summarizing all then known about magnetism and electricity, offering invaluable insights into the origins of modern science. Topics include phenomena of magnetism, variation in the compass, and concept of Earth as a giant magnet

... of books of the more **stupid** sort whereby the common herd and fellows without a spark of talent are made intoxicated, crazy, puffed up ; are led to write ...page [xlvi](#)

MEN are deplorably ignorant with respect to natural things,* and modern philosophers, as though dreaming in the darkness," must be aroused and taught the uses of things, the dealing with things ; they must be made to quit the sort of learning that comes only from books, and that rests only on vain arguments from probability and upon conjectures. - [Side 47](#) [quote in 13 books from 1893-1996](#)

For as no action can be performed by matter save by contact, these electric bodies do not appear to touch, but of necessity something is given out from the one to the other to come into close contact therewith, and be a cause of incitation to it. - page 92

Who coverest thyself with light as with a garment; who stretchest out the heavens like a curtain; who layeth the beams of his chambers in the waters; who maketh the clouds his chariot; who walketh upon the wings of the wind; who maketh his angels spirits; his ministers a flaming fire. Who laid the foundations of the earth, that it should not be removed for ever. - [xli](#)

quoted in [i 665 books froma 1800-2008](#)

twigs. Hence Alexander Aphrodiseus incorrectly declares the question of amber to be unsolvable, because that amber does attract chaff, yet not the leaves of basil; but such stories are false, disgracefully inaccurate. Now in order clearly to understand by experience how such attraction takes place, and what those substances may be that so attract other bodies (and in the case of many of these electrical substances, though the bodies influenced by them lean toward them, yet because of the feebleness... -

page 79

quoted [7 books from 1893-2003](#)

<http://books.google.dk/books?ei=q7uPSbPKFMam-gbu4cWJCw&ct=book-ref-page-link&id=YT9EmW1TmakC&dq=de+magnete+gilbert&q=stupid>

http://books.google.dk/books?id=YT9EmW1TmakC&printsec=frontcover&vq=stupid&dq=de+magnete+gilbert&source=gbs_summary_r&cad=0

De re metallica for *On the Nature of Metals (Minerals)* is a book cataloging the state of the art of mining refining, and smelting, published in 1556. The author, whose pen name was the Latinized Georgius Agricola. The book remained the authoritative text on mining for 250 years after its publication
full text (650 pages) and illustrations [Agricola's De Re Metallica](#)

The Book of Optics a seven volume treatise on optics including the camera obscura the camera obscura Ibn al Haytham 1011-21 (translated to English University libraries)

http://en.wikipedia.org/wiki/Ibn_al-Haytham
http://en.wikipedia.org/wiki/Book_of_Optics#Book_I

Ibn Hazim -The Ring of the Dove

<http://www.muslimphilosophy.com/hazm/dove/ringdove.html>

He refers to the magnet the forces within like the forces belonging to fire which is latent in flint
The essential force of the magnet, when in contact with the essential force of the iron, is not so strong or so refined as to seek out after the iron, for all that the iron is of the self-same kind and element; it is the force of the iron, by virtue of its natural strength, that reaches out after its kind' and is drawn towards it. Movement always takes place from the side of the more powerful. The force of the iron, when left to itself and not prevented by any restriction, seeks out what- resembles itself and with single-minded devotion, so to speak, hastens towards it; this it does naturally and necessarily, not out of free choice and set purpose. When you hold back the iron in your hand it is no longer attracted to the magnet, because the force it possesses is not sufficient to overcome the stronger force holding it back. When the particles of iron are numerous, one group of these is fully occupied with the other and all are adequately satisfied by their own kind, and do not care to seek after that small portion of their forces standing at a distance from them. When the mass of the magnet is large, however, and its forces are a match for all the forces lying within the iron's mass, the iron reverts to its accustomed nature. Similarly the fire which is latent in the flint, in spite of the force belonging to fire to unite and to summon together its scattered parts wherever they may be, does not in fact issue from the flint

until the latter is struck. When the two masses press and rub closely against each other, the fire is liberated; otherwise it remains latent within the flint, and does not show or manifest itself at all.
Pliny Natural history De magnete lapide suo loco http://www.archive.org/stream/cplinisecundina03mayhgoog/cplinisecundina03mayhgoog_djvu.txt
Cabeo [Cabaeus], Niccolo.Philosophia Magnetica http://www.vialibri.net/item_pg/963102-1629-cabeo-cabaeus-niccolo-philosophia-magnetica-quia-magnetis-natura-penitus-explicatur.htm
GUIMARÃES, A.P. (June 2004). "Mexico and the early history of magnetism" (PDF online reproduction). <i>Revista Mexicana de Física</i> (Mexico D.F.: Sociedad http://redalyc.uaemex.mx/redalyc/src/inicio/ArtPdfRed.jsp?iCve=57063107
Kircher Machina Magnetica http://www.flickr.com/photos/chemheritage/tags/magnet/ http://www.flickr.com/photos/chemheritage/3236341443/ Kircher "Magneticum naturae regnum" title page http://www.flickr.com/photos/chemheritage/page3/
GREAT BOOKS OF THE WESTERN WORLD - Magnetism ***** * 12. LUCRETIUS , Tr , EPICTETUS Introductory Volumes: MARCUS AURMJUS http://www.archive.org/stream/ontheloadstonean030331mbp/ontheloadstonean030331mbp_djvu.txt
Porta le Magia natural http://www.thefreelibrary.com/La+Magia+naturalis+di+Giovan+Battista+Della+Porta:+Lingua,+cultura+e...-a099012021
Natural Magick - Af Giambattista della Porta, John Baptista Porta http://books.google.dk/books?id=ETtoH3fp1DoC&dq=porta+naturalis&printsec=frontcover&source=bl&ots=KG5CJVm5ej&sig=Pwiw5tWFFFLyhRLh0iMMo9Q38FE&hl=da&ei=doOWSYvxBoai-gbU7sj5CA&sa=X&oi=book_result&resnum=4&ct=result#PPA7,M1

