THE LITERATURE CITED BY LINNAEUS IN THE AMPHIBIAN AND REPTILE SECTION OF SYSTEMA NATURAE X

by

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Although Linnaeus is credited with the scientific names given in the 10th edition of the *Systema Naturae*, he was not the originator of many of those names. He used many names given by earlier writers. In the species accounts, his format is comparable to our current day "synonymy", usually giving the name used but also including in many cases some pertinent description given by the source cited. For modern systematic treatments, we can ignore those names given by pre-Linnaean authors, but the information may be useful for historical biological studies or to systematists who wish to examine a more detailed description of a Linnaean type-specimen than that given by Linnaeus in the 10th ed. of *Systema Naturae*. I have attempted to document each citation that Linnaeus used.

Identification of the literature cited by Linnaeus has not been an easy task. Although I was able to identify specifically many of the sources to which Linnaeus referred, often by virtue that only one author & title answered to that abbreviation, I frequently could only identify the publication but not the specific edition that Linnaeus may have seen. Many reprintings of older publications were made and the paginations are not necessarily the same as the original. To actually see the various possible editions I would have had to visit many libraries in diverse places, a task that could not be justified in terms of time or cost. But I have seen personally a copy of every item cited by Linnaeus. Major sources for determining titles and editions for the citations that I have identified include: 1985 The British Library General Catalogue of Printed Books to 1975, K.G. Saur, London; 1931 Catalogue Général des Livres Imprimes de la Bibliothèque Nationale [France]. Imprimerie Nationale, Paris;1979 National Union Catalog. Pre-1956 Imprints, Mansell Publishing, London and The American Library Association; continuances of the NU Catalog by Library of Congress. Generally speaking, I assume that Linnaeus used the editions in his own library whenever possible; that library is now housed at the Linnean Society in London. The material has all been placed on microfilm at the University of California, Berkeley library from a microfilm at the Library of Congress. A # precedes sources that were part of Linnaeus's library, but Linnaeus's edition may not be the same as the one I actually saw. All remaining items are listed in good faith. When in doubt, I list the earliest published version. I have been adamant in condemning authors who cite things that they have not seen but merely saw cited in some other article, thus often perpetuating errors. The citations as given are presented as I saw them on the title pages, thus use of "v" for "u", etc. is presented so that a reader may feel confident that he has the correct reference. Author names given in various catalogs may be anglicized, even though they appear on title pages in Latin or some other native language form. In several cases I have noted errors by Linnaeus when I could examine an original of the source. Occasionally I refer to Heller 1958; this is Heller, J.L. Index auctorum et librorum a Linnaeo (Species Plantarum, 1753) citatorum, pp. 3-60 of an appendix to Species Plantorum, a facsimile of the first edition published in 1959 by the Ray Society. Citations therein that were abbreviated the same as in Systema Naturae X were investigated as much as possible. At the time of his death, Heller had been working for years on

"guide to Linnaean zoological literature." A year or so before his death, Heller had asked Alwyne Wheeler, formerly of the British Museum (Natural History), to assist him in finding a publisher for that monograph. Wheeler arranged for this to be done as a joint British Museum and Oxford University Press publication, with Wheeler serving as an editor and also contributing some introductory essays and the Linnaean background. For various reasons the project has been delayed, but Mr. Wheeler graciously supplied me with verifications of several items that I had been unable to see, but I subsequently got to see them for myself. Dr. Kraig Adler also supplied some verifications. From the several pages of Heller manuscript that I have seen, I am well aware that Heller's work is infinitely more extensive than what I am supplying and likely will provide a more accurate idea of which particular editions of publications Linnaeus actually used, but Heller has not supplied publisher names as a final touch to his determinations. I recommend that readers of this report turn to Heller's guide for the "final word" when it ultimately appears. In a symposium report, Heller (1980 Bibliotheca Zoologica Linneana. pp. 240-264 In G. Broberg [ed.] Linnaeus: Progress and Prospects in Linnaean Research. Almquist & Wiskell International, Stockholm and Hunt Institute for Botanical Documentation, Pittsburgh) said on p. 242 of his compilation of documentation of Linnaean cites "....the present version runs to about 400 somewhat messily typed pages, and that it contains bibliographical data with commentary on Linnaeus's citations for about 450 separately titled books, monographs, or dissertations....and I think I have run down every single one of Linnaeus's not always accurate references..."

An intriguing comment concerning the printing of *Species Plantarum* perhaps applies to *Systema Naturae*. W.T. Stearn 1957, in the preface to the Ray Society's 1959 facsimile edition of *Species Plantarum*, observed that no two copies of the original issue appeared to be typographically identical, a situation that he attributed to poor workmanship by employees of Salvius, the printer, thus individual copies of the original had defects of different nature. In those days no automatic feed of paper to the press existed; as errors in typography were discovered, they were corrected, thus different errors were discovered and altered at different times. Some of the literature examined by me had variations on the title page that differ from listings in major library catalogs; this can probably be attributed to the copy by copy corrections that were made. I have listed the titles and author name spellings as actually seen by me, including the use of "v" that was often used for "u", and have noted anglicized etc. alternatives as desirable to aid the user in finding such literature in a library catalog.

My appreciation is extended to the staffs of the following libraries for assistance in seeing items in their rare book collections: Tulane University; Louisiana State University, Baton Rouge; The University of Oklahoma; Library of Congress; The Natural History Museum, London; McGill University; John Crerar Library of the University of Chicago; The University of Florida. I feel especially indebted to Ms. Gina Douglas of the Linnean Society library in London; she not only gave me access to actual items from Linnaeus' personal library, but also allowed me to view the entire Linnaeus library in its vault at the Linnean Society, certainly an exciting moment for a biologist.

#Act. Stockholm See L. Act. Stockholm

Ald. aquat. See Aldr. serp.

Ald. quad. Misspelled in some places as Aldg. See Aldr. serp.

Aldr. serp. Aldrovandus, Ulysses (Aldrovandi, Ulisse) (1599-1668). Opera omnia. Bononiae. Franciscum de Franciscus. 13 v. The Ald. aquat. refers to v. 6, 1613. De piscibus libri v. et de cetis lib. vnus. Ioannes Cornelius Vtervenvs...Bononiae. Bellagamban. In the edition examined, p.

677 that should show Lacerta crocodilus actually shows a whale! The Ald. quad. refers to v. 9, 1637. De qvadvpedib' digitatis viiviparis libri tres, et De qvadrvpedib' digitatis oviparis libri duo. Bartholomaevs Ambrosinus. Bonon. N. Tebaldinum. Aldr. quad. shows a crocodile sketch. Aldr. serp is v. 10, 1640. Serpentum, et draconum historiae libri duo Bartholomaeus Ambrosinus... opus concinnauit.. Bononiae. The colophon shows 1639.

#Amæn. acad. Amænitates Academicae. vols. I-VII. Stockholm and Leipzig. Dissertations edited by Linnaeus and issued from 1749 onward.

Bell. aquat. Bellonius, P. (Peter Belon, Pierre Belon) 1553. De aquatibilibus libri duo, cum ciconibus ad veram ipsorum effigiem, quoad eius fieri potuit, expressis. Carolum Stephanum, Parisiis.

#Bellon. Itin. Bellonius, P. (Pierre Belon). 1605. Bellonii Plurimarum.singularium et...rerum in Graecia, Asia....conspectarum observationes. Antverpiae. Many earlier editions exist. However, Heller's manuscript notes show that Linnaeus apparently used an interpretive edition which is listed here under Clus. exot. But Heller indicated that it was a French translation of 1609, which edition I could not find listed in the National Union Catalog, The British Library Catalog, or the French National Library Catalog.

Bell. mus. Should be **Besl. mus.** This misprint was noted by John Heller in his manuscript and called to my attention by Alwyne Wheeler, formerly of the British Museum, who is preparing Heller's manuscript for publication.

Besl. mus. Besleri, Basilvs and Michael Rupertvs Besleri (Hortus and Michael Rupert Besler) 1716. Rariora Mvsei Besleriani que olim. Basilivs et Michael Rupertvs Besleri. collegerunt.... Nurembera.

#Bont. jav. Bontii, Jacobi (Jacobus Bontius) 1658. Historiae naturalis & medicae Indiae Orientalis. Libri Sex. V. Historia animalium. In Gulielmi Pisonis (William Piso). De Indiae utriusque re naturali et medica libri. XIV. Amstelaedami, Elzevirios. Lacertus volans is on p. 59, not p. 57 as given by Linnaeus.

#Bradl. natur. Bradley, Richard 1721. A philosophical account of the works of nature. W. Mears, London.

E. Brander Erik Brander (1722-1814) who collected specimens mostly from Algiers and the western Mediterranean.

#Brown. jam. Browne, Patrick 1756. The civil and natural history of Jamaica in three parts. London, T. Osborne and J. Shipton.

Catesby. car. Catesby, Mark 1754. The natural history of Carolina, Florida, and the Bahama Islands. Vol II. London, Benjamin White. Other printings include original printed at expense of the author.

#Clus. exot. Clvsii, Carolus Atrebatis (Carolus Clusius=Charles de l' Éscluse) 1605. Aulae Caesareae quondam familiaris, Exoticorvm libri decem: quibus, animalium, plantarum...: Item

Petri Bellonii observationes, eodem Carolo Clusio interprete, etc. Ex officina Plantiniana Raphelengii. Other versions of this exist. The interior of the copy I examined shows: Petri Bellonii. Cenomani Plumiarum singularium & memorabilium... Carolvs Clvsivs..

#Column. ecphr. Colvmna, Fabio (Savio Columna) (Fabio Colonna). 16??. Minus cognitarum stirpium aliqvot AC etiam rariorum.....Romae. Guilielmum Facciotum. The earliest edition was 1606; I could not read the date on the Readex microprint card seen.

#Edw. av. Edwards, George 1743-1751. A natural history of uncommon birds and of some other rare and undescribed animals, quadrupeds, reptiles, fishes, insects, etc. ..in 7 parts. v. 1. London. Under the same cover of the copy I saw is a French translation dated 1755 and done by M.D. de la S.R.

#Faun. Svec., Fan. Svec. Linnaei, Caroli 1746. Fauna Svecica sistens animalia Sveciae regni..... Stockholmiae, Laurenti Salvii.

#Fevill. peruv. Feuillé, Louis 1714. Journal des observations physiques, mathematiques et botaniques...faites...sur les côtes orientales de l'Amerique Méridionale... tome Premiere. Paris, Pierre Giffart. The "v" in the reference to Lacerta Caudiverbera is definite, but Heller (1958) indicated Few (ill) for Species plantarum and indeed we confirm it; and in Systema naturae XIII the cite is given as "Feuill.". Thus the poor workmanship of the printer seems doubly bad. The illlustration on p. 319 is labeled "Salamandre Aquatique" and looks like a gecko with much expanded toe pads.

#Gesn. ovlp. Gesneri, (Gessner), Conr. (Conrad) 1586. Historiae animalium liber II. quiest de quadrupedibus oviparis. Roberti Cambieri Francofvrdi. Details dealing with Crocodilus and Lacerta aquatica appear on the same pages of this edition as cited by Linnaeus. The original work was published in 1551-1558.

Gesn. quad. = Gesn. ovip. A mere statement of "quad" could refer to the first part of the title, but the clue is that these animals are oviparous, which eliminates referrals to the other four books of Historia animalium.

#Grew mus. Grew, Nehemiah 1681. Musaeum Regalis Societatis; or A catalogue of and description of the natural and artificial rarities belonging to the Royal Society and preserved at Gresham Colledge (sic); 2 V. Rawlins, London.

#Gron. mus. Gronovii, Larentii Theodorii (Gronovius, Laurentius Theodorus) 1754. Museum ichthyologicum sistens piscium etc. 2 v. Lugduni Batavorum, Theodorum Haak.

#Hassel. Iter. Hasselquists, Frederic (Frederick Hasselquist) 1757. Iter Palaestinum eller rsa til Heliga Landet förrättad ifån år 1749 til 1752... Stockholm, Lars Salvii.

Hasselqv. Frederic Hasselquists' collection. He was a student of Linnaeus who collected in Egypt and Palestine.

Hasselqv. Act. Ups. This refers to Hasselquists in a journal Acta Societatis Regiae Scientarum Upsaliensis (Kongliga Vetenskaps-Societeten). Acta. Heller, in the 1959 appendix to the facsimile print of Species Plantarum, listed in the journal title "Societas" and that name also appears in the Union List of Serials, a title page before me clearly reads as I have cited.

#Hernand. Mex. Hernandez, Francisco 1651. (1648). Rerum medicarum Novae Hispaniae thesaurus, seu plantarum, animalium, mineralium mexicanorum historiae.....Romae, Vitalis Mascardi. In this citation, Linnaeus on p. 206 referred to Lacertus orbicularis, but the statement seen in Hernandez says "lacerto orbiculare."

#It. gotl. Linnaei, Carl 1747. Wästgöta Resa. Lars Salvii, Stockholm. This identifies Coluber Natrix that is mentioned on p. 220 of the Systema naturae X, but 1745. Ölänska och Gothlänska resa.... by Linnaeus does not contain mention of Natrix. Heller (1958) claimed that It. gotl. and It. oel refer to the Öländska (see It. oel.). Linnaeus was inconsistent in use of abbreviation; on. p 271 for Pleuronectes maximus he used It. gottl.

#It. oel. Linnaei, Carl 1745. Öländska och Gothlänska resa.... Stockholm och Upsala, Gottfried Kiesemetter. This is supposed to be the same as It. gotl. according to Heller 1958. But Systema Naturae X refers to Bufo bufo as It. oel. 142 and Rana temporaria as It. oel 154. I definitely found that the Öländska, not the Wästgöta, to contain the referral to these species.

#It.Wgot. Linnaei, Carl 1747. Wästgöta resa.....Stockholm, Lars Salvii. In checking for Bufo rubeta on p. 61, the version I saw mentions a Rana and speaks of it at length. For plants, Heller (1958) identified It. W-gôth as the source for a Ruppia on p. 86; I found that correct.

#Jacob. mus. Jacobaeo, Oligero (Jacobaeus, Oligerus [Holger]) 1696. Muséum regium, seu catalogus rerum tam naturalium, quam artificialium, etc. Hafniae, Joachim Schmetgen. Linnaeus

says that *Iguana* is t. 4, but in the edition examined the illustration in t. VIII, f. 4. Linnaeus did not mention Jacobaeus' *Chamaeleon* but note that text p. 9 says *Chamaeleon* is VIII fig. 4, but the plate and text do not correspond. Linnaeus's own copy, which I personally examined, shows the date as 1698, but someone has encircled the last two "I" 's of the Roman numeral date. I do not know the basis for the date change, but the note of submission from Jacobaeo is dated 13 May 1695. Presumably some librarian determined that it took but one year from submission of manuscript to publication and detected an error in printing the date.

#Jonst. quad. Jonstonus, Joannes (Jon Johnstone). 1657. Historiae naturalis. de quadrupedibus libri. VI. V. 1 De quadrupedibus. Amstelolami, J. Jacobi Fil, Schipper.

#Kaemph. amoen. Kaempfer, Engelbert 1712. Amoenitatum exoticarum politico-physico-medicarum asciculi V, quibus... Lemgoviae, H.W. Meyeri.

Kalm. Pehr Kalm, a Swede, collected in Sweden; he also wrote an account of his travels in North America and of travels in Sweden. But simple reference to *Kalm* refers only to his collection.

#Kalm. act. Stockh. This refers to a dissertation by Kalm in Act. Stockholm. See L. Act. Stockh.

Kircher Mus. Bonanni, A P Phillippo (Buonanni, F.) 1709 (1710). Musaeum Kircherianum; sive musaeum A P. Athnnasio Kirchero in Collegio Romano...Romae, Georgii Plachi caelaturam profitensis & characterum fuforiam propè S. Marcum.

#L. Act. Stockholm. This refers to a Linnaeus dissertation in a Swedish journal that is listed in various ways, the more typical being *Kungliga Svenska Vetenskapsacademien Handlingar*, *Kongliga Swenska Vetenskapsacademien*, and *Swenska Wetenskaps Academiens Handlingar*, etc. An actual cover of the journal shows *Kongl. Svenska Vetenskaps Academiens Handlingar*. The printer was Lars Salvius, who did *Systema Naturae X*. The Union List of Serials states that through 1756 this was Swenska Wetenskaps Academi, but the cover pages I have seen show clearly Svenska Vetenskaps Academien (two words, notVetenskapsacademien)on separate lines. In answer to my query to the Royal Swedish Academy of Science, Christer Wijkström, the librarian of the Center for Science and History confirmed that it had many minor title variations in early years but recommended that for the first 50 volumes the most common way to cite is *Kongl. Swenska Wetenskaps Academiens Handlingar*.

Leviathan Jobi. This is a referral to the Bible, book of Job.

#Marcgr. bras. Marcgravi, Georgi de Liebstad.(Marggravius, Christian). In Pisonis, Guilielmi De medicina Brasiliense libri IV....et Georgi Marcgravi 1648. Historiae rervm natvralivm Brasiliae. Libr. octo. qvorum sextus de quadrupedibus & serpentibus. Lugduni Batavorum.

#Matth. diosc. Matthioli, Petri Andreae (Mattioli, Matthaeolus, Matthiolus). This refers to Matthioli's commentary on the old Greek herbal of Dioscorides. The earliest edition apparently was 1554. Commentarii in Libros Sex Pedacii Discoridis ... [with the Latin text of Dioscorides by J. Ruellis]. Venetiis, Vinc Valgris. Many versions of Matthioli's commentary were published, but Linnaeus was known to own a 1570 edition (fide J.L. Heller 1976. Linnaeus on sumptuous books. Taxon 25:33-52.). Dioscorides of Anazarba in Cilicia, in the first century A.D., wrote the original herbal. An English translation published by Hafner Publishing Co., Inc., New York says that the original herbal was tive books. The Hafner edition has an index from Saracen's Latin Index from a 1598 edition of the herbal (Saracenus, Janus Antonio [Sarrasin, Jean Antoine] Pedacii Dioscorides Anazarbaei. Francofurti, A. Wecheli et. al.). The version that I saw indicated that the herbal was illustrated by a Bryzantine in A.D. 512, was translated into English by John Goodyer A.D. 1655, edited and first printed by R.T. Gunther. Linnaeus referred to Lacerta salamandra as page 274, figure on 274 in the dioscus. The Saracen index refers to book 2, 67. In the Hafner edition, item 67 of book 2 shows Salamandra terrestris. Item 69 is Saura, which is lizards.

Merian sur. Meriam (sic), Mario Sibyllam. (Merian, Mario Sibilla or Mario Sybilla) 1705. Dissertatio de generatione et metamorphosibus insectorum Surinamensium: in qua.....His adjunguntur bufonis, lacerti, sepentes, aranea....Amstelodami, Geraldum Valk. The figure for Rana paradoxa is on p. 71 as cited but no plate number 71 as cited by Linnaeus.

Merian surin. Same as Merian sur.

#Mus. Ad. Fr. Linnao, Car. (Linnaeus) 1754. Museum S:ae R:ae M:tis Adolphi Friderici Regis....in quo animalia rariora. Tom. I. Holmiae, Typographia Regia.

Mus. De Geer Refers to the collection of Carl de Geer, a German entomologist.

#Nieremb. Nat. Nierembergii, Joannis Evsebii (Juan Eusebio Nieremberg) 1635. Historia naturae, maxime peregrinae, libris XVI distincta..... Antverpiae.

#Olear. mus. Olearium, Adam (Olearius) 1674. Gottorffische Kunst-Kammer vorinnen Allerhand ungemeine Sachen, So theils die Natur..... Schlesswig, Gottfriedt Schulkens. National Union Catalog says G. Schultzen but Alwyne Wheeler 1980. The sources of Linnaeus' knowledge of fishes. In G. Broberg (ed.) Linnaeus: progress and prospects in Linnaean research. Almquist and Wiksell, Stockholm, says Schulkens. But the old style German lettering that appears to be "Iz" actually is a form that represents "ss", thus I interpret the publisher as "Schussens". I found the statement "Auff Gotfriedt Schussens Kosten" to be interesting; it literally means "At the cost of Gottfriedt Schussens." The work was first published in 1666 (Gottorffische Kunst-Kammer..... Schlesswig. Johan Holwein), but according to Wheeler the 1674 edition contains the most accurate references, albeit some are in error. The British Library Catalog erroneously shows "Kunst-Cammer."

#Osb. Iter. Osbeck, Per 1757. Dagbok öfwer en Ostindisk resa åren 1750- 1751, 1752... Lor. Ludv. Grefing, Stockholm.

Ovled. amer. Oviedo y Valdes, Gonçalo Fernandez de 1547. Coronica delas Indias. La hystoria general de Las Indias agora nueuaamente impressa corregida emendada. Primera Parte.. Usually filed under Fernandez de Oviedo y Valdes. This edition describes in Libro 13, chapter 3 a lizard, and an illustration on the third page of text of that account it pictures a lizard with a long, serrated dorsal crest, but the name "iguana" does not appear.

#Pis. bras. Piso, Willem (Guiliemi Pisonis). See Marcg. bras. But Piso's part actually is 1658...See Bont. jav. for details of the 1658 work.

#Raj. quad. Raio, Joanne (John Ray) 1693. Synopsis methodica animalium quadrupedum et serpentini generis. S. Smith and B. Walford, London.

#Rhed. Exp. Redi, Francisci 1675. Experimenta circa res diversas naturales, speciatim i llas, quae ex Indiis adferentur....Amstelodami, A. Frisii.

Roes. ran. Roesel von Rosenhof, Avgvstvs Iohannes (August Johann) 1758. Historia natvralis ranarvm nostrativm.... Norimbergae, I.I. Fleischmanni.

Rolander Daniel Rolander, a pupil of Linnaeus's who collected in Surinam.

Scheuch. sacr. Schevchzer, Joh. Jacob (Johannes Jacob Scheuchzer) 1731-35. Kupfer=Bibel/ In welcher Die PHYSICA SACRA, Oder Geheiligte NaturWissenschafft...Augspurg (sic) und Ulm, C. U. Wagner. This comprises 4 volumes, bound in 6 (parts 3 and 4 each divided into two parts). The reference to Boa scytale appears in vol. 4 but Scheuchzer called it Serpens Surinanmensis further on in the text. Vol. 4 is 1735. But note that apparently the same work is listed in the National Union Catalog as "Physica sacra, iconibvs aeneis illus. procurante & sumtus suppediante Johanne Andrea Pfeffel. Avgvstae Vindelicorvm, 1731-1735." This latter probably is the Latin version, presumably issued simultaneously.

Seb. mus. Seba, Albertus 1734-1735. Locupletissimi rerum naturalium thesauri accurata et descriptio, iconibus artificiosissimus expressio, per universam physices historiam. Tomus I, II Amstelaedami. Janssonio-Waesbergios, & J. Wetstenium, & Gul. Smith. .

#Sloan jam. Sloane, Sir Hans 1725. *Natural history of Jamaica. A voyage to the islands Madera, Barbada, Nieves, St. Christophers and Jamaica, with the natural history of the herbs and trees, four-footed beasts, fishes, birds, insects, reptiles.... Vol. 2. London, British Museum.*

#Syst. nat. As in Lacerta agilis 36 n. 6 and Lacerta Chalcides 36 n. 7 are 6th and 7th eds., respectively, with 36 referring to page number. But in the Pisces section of the Xth Linnaeus would say, e.g., Syst. nat. 6. p. 47. The 6th ed. was published in 1748 by Goddef. Kiesewetter, Stockholm. The 7th, also 1748, is a repeat of the 6th but with German, instead of Swedish, names. Linnaeus's cite for Lacerta agilis in the 10th ed. is not the wording that appears in the 6th. In 6th it reads, "Lacerta cauda verticillata tereti, pedibus pentadactylis unguicularis Fn1352 Lacertus."

#Tournef. ItIn. Tournefort, Joseph Pitton de 1717. Relation d'un voyage du Levant, fait par ordre du roy contenant l'histoire ancienne et moderne de plusieurs îles de Archipel de Constantinople.... Paris. I have seen a 1727 printing by A. Lyon, Bruyset, 3 v. It speaks on p. 372-373 of lizards, and in the figure facing 373 is "Lezard appelle Kosloedilos", which appears to be the reference to Tournefort that Linnaeus gives on p. 202 of the Systema for Lacerta stellio --- "Lacerta coslordilos dicta". Heller (1958) indicated that some of Linnaeus' plant references fit the Paris edition, some the Lyon edition, and others do not seem to fit any edition.

Valent. mus. Valentini, D. Michael Bernhard 1704. Museum museorum,oder vollständige schau-bühne.... Franckfurt am Mäyn,J. D. Sunners. National Union Catalog says J.D. Zunner.

#Vallisn. nat. Vallisneri, Antonio (Vallisnieri, Antonio)1733. Opere fisico-mediche stampate e manoscritte del kavalier Antonio Vallisnieri.....Tomo primo. Venezia, Sebastiano Coleti

#Vincent. plp. Vincent, Levinus 1725. Descriptio pipae, seu bufonis aquatici surinamonsis...Harlemi Batavorum.

Worm. mus. Worm, Olao (Ole) 1655. Museum wormianum seu historia rerum rariorum, tam naturalium, quam artificialium, tam domesticanum, quam exoticarum, quae......Lugduni Batavorum.