The only official reprint
authorized by
The Royal Society of London
PHILOSOPHICAL TRANSACTIONS.

Giving Some

ACCOUNT

OF THE

Present Undertakings, Studies, and Labours

OF THE

INGENIOUS,

In Many

Considerable Parts of the WORLD.

VOL. XXVIII. For the Year 1713.

LONDON:

TO
Sir Isaac Newton, Kt.
President,
And to the
Council and Fellows
of the
Royal Society
of
London,
Instituted for the
Advancement of Natural Knowledge;
This
Twenty Eighth Volume
of
Philosophical Transactions
Is
Humbly Dedicated
by
Hans Sloane, R.S. Secr.
PHILOSOPHICAL TRANSACTIONS.

For the Year MDCCXIII.

The CONTENTS.


IV. De
CONTENTS.


V. An Account of divers rare Plants, observed last Summer in several Curious Gardens, and particularly in the Society of Apothecaries Physick-Garden at Chelsea. By Mr James Petiver, F.R.S.

VI. Observationes Cælestes Britannicae, Grenovici in Observatorio Regio, à JOHANNE FLAMSTEEDIO, AST. REG. habitæ, Anniis MDCCXI & MDCCXII.

VII. De Legionibus Epistola, ad Virum Clarisimus Doctissimumque Hans Sloane, M. D. Regie Societati à Secretis, Coll. Medd. Lond. Sodalem, & Medicum Regium, data Guil. Mulgrave, M. D.

VIII. The Husbandry of Canary Seed. By the Reverend Mr. Edward Tenison.

IX. Extracts of several Letters from Mr. Edward Lhwyd, (M. A.) late Keeper of the Ashmolean Museum in Oxford, to Dr. Rich. Richardson, (M. D.) of North Bierly in Yorkshire; containing Observations in Natural History and Antiquities, made in his Travels thro’ Wales and Scotland. Communicated by Doctor Hans Sloane, R. S. Secr.

X. An
CONTENTS.

X. An Abridgement of a Book, intitl'd, A Description of the Plague, which happened in the Royal City of Dantzick, in the Year 1709. Written in High-Dutch by Dr. John Christoph. Gottwald; and Communicated by Dr. Joh. Phil. Breynius, as the best Account of that Distemper there publish'd. Translated by C. J. Sprengell, M. D.


XII. An Account of an Experiment touching the Proportions of the Ascent of Spirit of Wine between two Glass Planes, whose Surfaces were plac'd at certain different Distances from each other. By the late Mr. Francis Hauksbee, F. R. S.

XIII. An Account of some further Experiments touching the Ascent of Water between two Glass Planes in an Hyperbolick Curve. By the late Mr. Fran. Hauksbee, F. R. S.

XIV. A farther Account of the ascending of Drops of Spirit of Wine between two Glass Planes twenty Inches and an half long; with a Table of the Distances from the touching Ends, and the Angles of Elevation. By the late Mr. Fran. Hauksbee, F. R. S.

a 2

XV. In-
CONTENTS.


XVI. A Letter from Mr. Anthony van Leeuwenhoek, F. R. S. containing some further Microscopical Observations on the Animalcula found upon Duckweed, &c.

XVII. The Case of a Woman big with Child, who recovered of the Small-Pox, and was afterwards delivered of a dead Child full of the Pustules of that Distemper. In a Letter from the Reverend Mr. Wm. Derham, F. R. S. to Dr. Hans Sloane, S. R. Secr.

XVIII. Several Observations in Natural History, made at North-Bierley in Yorkshire, by Dr. Richard Richardson (M. D.) Communicated in a Letter to Dr. Hans Sloane, R. S. Secr.


XX. Botanicum Hortenle. III. Giving an Account of divers Rare Plants, observed this Summer, A. D. 1713, in several Curious Gardens about London, and particularly in the Society
CONTENTS.

ciety of Apothecaries Physick Garden at Chelsea. By Mr. James Petiver, F. R. S.

XXI. A Short Account of some Swedish Minerals, &c. sent from Mr. Angestain, Overseer of the King of Sweden's Mines, to Mr. James Petiver, Apothecary, and F. R. S.

XXII. A Letter from Father Papin, to Father Le Gobien, containing some Observations upon the Mechanick Arts and Physick of the Indians. Taken from the Ninth Volume of Letters of the Missionary Jesuits, Printed at Paris in Octavo.

XXIII. A Letter from Father Bourzes to Father Estienne Souciet, concerning the Luminous Appearance observable in the Wake of Ships in the Indian Seas, &c. Taken from the Ninth Volume of Letters of the Missionary Jesuits.

XXIV. A Letter from Mr. James Yonge, F.R.S. to Dr. Hans Sloane, R. S. Secr. containing the Case of a Woman who had her Menstruation regularly to 70 Years of Age.

XXV. The Description of a Tartarian Plant, call'd Gin-feng; with an Account of its Virtues. In a Letter from Father Jartouix, to the Procurator General of the Missions of India and China. Taken from the Tenth Volume.
CONTENTS.

I.ume of Letters of the Missionary Jesuits, Printed at Paris in Octavo, 1713.

XXVI. An Examen of the Chalybeat, or Spa-Waters, called by the Germans Acid or Sowre-Brunns, or Fountains; but proved to be of a contrary Nature, that is, Alkali's. By Dr. Fred. Slare, Fellow of the College of Physicians and Royal Society.

XXVII. Part of a Letter from Francis Nevill, Esq; to the Right Reverend the Lord Bishop of Clogher, containing a Relation of several Urns and Sepulchral Monuments lately found in Ireland.

XXVIII. An Extract of a Letter, giving an Account of a large Number of Urns dug up at North Elmham in Norfolk. Communicated by Peter Le Neve, Esq; Norroy, F. R. S.

XXIX. Some Observations upon Lough-Neagh in Ireland. In a Letter from Francis Nevill Esq; to the Lord Bishop of Clogher.

XXX. Part of a Letter from Mr. Samuel Bowdich, to Dr. William Musgrave, F. R. S. giving an Account of a Woman who had lain six Days covered with Snow, without receiving any Nourishment, &c.

XXXI. An Account of the Subsiding, or Sinking down of Part of a Hill near Clogher in Ireland,
CONTENTS.

Iland. Communicated by the Right Reverend the Lord Bishop of Clogher, F. R. S.

XXXII. An Account of some ancient Trumpets, and other Pieces of Antiquity, found in the County of Tyrone in Ireland. In a Letter from Francis Nevill, Esq; to the Right Reverend the Lord Bishop of Clogher, F. R. S.

XXXIII. Part of a Letter from Dr. Fred. Slare to Dr. Hans Sloane; concerning a Person who had a new Set of Teeth after 80 Years of Age; with some Observations upon the Virtues and Properties of Sugar.

XXXIV. An Extract of a Letter from the late Mr. Edward Lhwyd, to Dr. Richard Richard-son; containing some Remarks on an Undescribed Plant, and other Particulars, observed by him in Wales.

XXXV. A Relation of a Scirrhous Tumour, included in a Cystis, &c. By Mr. Richard Russell, Surgeon, at Lewes in Sussex; and communicated by Mr William Chesselden, Surgeon, F. R. S.

XXXVI. An Extract of a Letter from Francis Nevill, Esq; to the Lord Bishop of Clogher, F. R. S. concerning a Quarry of Marble discovered by him in the County of Farmanagh in Ireland.

XXXVII. Re-
CONTENTS.

XXXVII. Remarks upon the Plague at Copenhagen in the Year 1711. Communicated by John Chamberlayne, Esq; F. R. S.

XXXVIII. Some Anatomical Observations. By Mr. William Cheselden, Surgeon, F. R. S.