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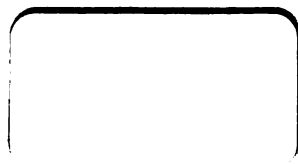


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BETWEEN
THE YEARS 1786 AND 1886.

With an Appendix,
GIVING
THE NAMES OF THE OFFICERS OF THE ACADEMY, FROM 1785 TO 1887,
AND OF THOSE TO WHOM
THE ACADEMY'S CUNNINGHAM GOLD MEDALS HAVE BEEN AWARDED.



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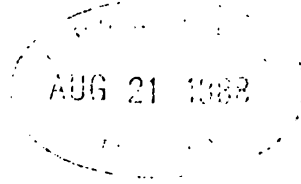
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Barometric Formula. On a New Barometric Formula for Mountain Heights in which the Hygrometric Condition of the Atmosphere is systematically Considered.	H. L. RENNY.	S. XXIII. 437	Jan. 8, 1855.
On the Constants of Barometric Formulae which make correct Allowance for the Hygrometric state of the Atmosphere.	H. L. RENNY.	S. XXIII. 623	June 14, 1858.
Basalts. Explanatory Notes and Discussion of the Nature of the Prismatic Forms of a Group of Columnar Basalts, Giant's Causeway.	J. P. O'REILLY.	S. XXVI. 641	June 24, 1878.

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Bell of St. Patrick. On the Bell of St. Patrick, called the Clog an Edachta.	W. REEVES.	P.L.A. XXVII. 1	Nov. 9, 1863.
Bhagavad Gîtâ. On the Collation of a MS. of the Bhagavad Gîtâ.	D. CROFTON.	P.L. XXIV. 3	June 14, 1858.
Biaxal Crystals. On the Phenomena presented by Light in its Passage along the Axes of Biaxal Crystals.	H. LLOYD.	S. XVII. 145	Jan. 28, 1833.
Bicircular Quartics. On Bicircular Quartics.	J. CASEY.	S. XXIV. 457	Feb. 10, 1867.
Bilious Cholæ. On Bilious Cholæ and Convulsions in Early Infancy.	J. CLARKE.	S. XI. 121	May 1, 1809.
Binary Stars. On the Binary Stars, σ Cerons, τ Ophiuchi, γ Leonis, ζ Aquarii, 36 Andromedæ, and ι Leonis. On the Binary Stars, 44 Boëtis, η Cassiopeie, and μ Draconis [with Addenda to previous Memoirs].	W. DOBERCK. W. DOBERCK.	S. XXV. 581 S. XXVI. 1	June 28, 1875. Nov. 8, 1875.
Binomial Theorem. Two Proofs of the Binomial Theorem.	S. VINCE.	S. XII. 31	May, 1810.
Bleaching. Experiments on the Alkaline Substances used in Bleaching and on the Colouring Matter of Linen Yarn.	R. KIRWAN.	S. III. 3	April 4, 1789.
Blodgettia confervoides. On Blodgettia confervoides of Harvey, forming a New Genus and Species of Fungi.	E. P. WRIGHT.	S. XXVIII. 21	Nov. 10, 1879.
Bolina hibernica. On the Bolina hibernica.	R. PATTERSON.	S. XIX. 154	Feb. 11, 1839.
Boomerang. On the Antiquity of the Kiliee or Boomerang.	SIR S. FERGUSON.	P.L. XIX. 22	{ Jan. 22, } { Feb. 12, } 1838.
Boëtis. On μ^2 Boëtis (considered as a Revolving Double Star).	W. DOBERCK.	S. XXV. 481	Feb. 8, 1875.

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Botany.			
On the Botany of the County of Clare.	F. J. FOOT.	S. XXIV. 143	April 28, 1862.
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Marine Botany of W. Australia.	W. H. HARVEY.	S. XXII. 525	Dec. 11, 1854.
Brain.			
Minute Structure of the Brain in the Chimpanzee and Human Idiot, Compared with that of the perfect Brain of Man, with some Reflections on the Cerebral Functions.	J. MACARTNEY.	S. XIX. 322	June 27, 1842.
Brass Medal.			
Remarks on a Brass Medal of our Saviour, found in the Friar's Walk, in the Vicinity of Cork, in October, 1818.	H. J. M. MASON.	A. XIII. 129	Jan. 25, 1819.
Brehon Laws.			
An Essay on the Nature and Influence of the Ancient Irish Institutes, commonly called Brehon Laws, and on the Number and Authenticity of the Documents whence Information concerning them may be Derived; Accompanied by Specimens of Translations from some of their most Interesting Parts.	E. O'REILLY.	A. XIV. 141	June 28, 1824.
Burren.			
On the Distribution of Plants in Burren, Co. Clare.	F. J. FOOT.	S. XXIV. 143	April 28, 1862.
Cairns.			
Descriptions of Cairns, Cromlechs, Kistvaens, and other Celtic, Druidical, or Scythian Monuments in the Dekhan.	M. TAYLOR.	A. XXIV. 329	May 12, 1862.
Results of Examination of a Group of Ancient Cairns on Twisell Moor in Northumberland, exhibiting Similarity in Construction and Contents with Cairns in the Dekhan.	M. TAYLOR.	A. XXIV. 363	Jan. 9, 1865.
Calc Spar.			
On Rings seen in Fibrous Specimens of Calc Spar.	G. J. STONEY.	S. XXIV. 31	May 28, 1860.
Calp.			
Observations on Calp.	HON. G. KNOX.	S. VIII. 207	March 9, 1801.
Cacinan.			
Cacinan, or some Account of the Ancient Irish Lamentations.	W. BEAUFORD.	A. IV. 41	Dec. 17, 1791.

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Cataract.			
A Critical and Anatomical Examination of the Parts immediately interested in the Operation for a Cataract; with an Attempt to render the Operation itself, whether by Depression or Extraction, more Certain and Successful.	S. O'HALLORAN.	S. II. 121	Jan. 3, 1789.
Céli-dé.			
On the Céli-dé, commonly called Culdees.	W. REEVES.	A. XXIV. 119	{ Nov. 12, } 1860. { Dec. 10, }
Census Returns.			
Observations on the Earliest known Manuscript Census Returns of the People of Ireland.	W. H. HARDINGE.	A. XXIV. 317	March 16, 1865.
Certainty and Probability.			
On the Nature and Limits of Certainty and Probability.	G. MILLER.	S. V. 199	May 4, 1793.
Chalybeate Preparations.			
An Account of some Chalybeate Preparations in the Pharmacopœia Regis et Reginæ in Hibernia.	R. PERCEVAL.	S. XI. 1	—
Chameleon.			
On the Structure and Mechanism of the Tongue of the Chameleon.	J. HOUSTON.	S. XV. 177	April 28, 1828.
Chemical Equilibrium.			
On Chemical Equilibrium.	F. A. TABLETON.	S. XXVIII. 1	June 28, 1880.
Chemical Notes.			
Chemical Communications and Inquiries.	R. PERCEVAL.	S. IV. 85	Nov. 6, 1790.
Chemical and Mineralogical Nomenclature.	R. KIRWAN.	S. VIII. 63	March 24, 1800.
Chemical Optics.			
Researches in Chemical Optics.	J. H. JELLETT.	S. XXV. 371	{ June 25, 1860. Jan. 26, 1863. Nov. 30, 1873.
Cherubim.			
An Essay on the Nature and Symbolical Character of the Cherubim of the Jewish Tabernacle.	H. J. M. MASON.	A. XIII. 81	Jan. 26, 1818.

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Chimpanzee. The Lumbar Curve in Man and the Apes; with an Account of the Topographical Anatomy of the Chimpanzee, Orang-utan, and Gibbon.	D. J. CUNNINGHAM.	{ Cunningham } { Memoirs, No. II. }	Feb. 8, 1886.
Chlamydomorphus. A Monograph on the Anatomy of Chlamydomorphus Truncatus (Harlan); with Notes on the Structure of other Species of Edentata.	A. MACALISTER.	S. XXV. 219	April 22, 1872.
Chlorochytrium. On a New Species of Parasitic Green Alga, belonging to the Genus Chlorochytrium of Cohn.	E. P. WRIGHT.	S. XXVI. 355	Feb. 12, 1877.
Cholie. On Bilious Cholie and Convulsions in Early Infancy.	J. CLARKE.	S. XI. 121	May 1, 1809.
Chronology. A Dissertation upon the Chronology of the Judges of Israel.	H. B. AUCHINLECK.	A. XI. 63	April 10, 1809.
Churches. A Memoir respecting the Antiquities of the Church of Killosey in the County of Kildare; with some Conjectures on the Origin of the Ancient Irish Churches.	W. BEAUFORD.	A. III. 75	Jan. 20, 1790.
Circle. A General Demonstration of the Property of the Circle Discovered by Mr. Cotes, Deduced from the Circle only.	J. BRINKLEY.	S. VII. 151	Nov. 4, 1797.
Circles. On the Equations of Circles. (Second Memoir.) On Three Circles Related to a Triangle.	J. CASEY. W. S. M'CAY.	S. XXVI. 527 S. XXVIII. 463	Aug. 12, 1878. May 11, 1885.
Civil War in Ireland. On Circumstances attending the Outbreak of the Civil War in Ireland on 23rd October, 1641, and its Continuance to the 12th May, 1652; the Numerical Extent and Manner of the Transplantation of Irish into Connaught and Clare; the Extent, Value, and Distribution of the Forfeited Lands; their Insufficiency to satisfy the Debts and Arrears due to Adventurers and Soldiers; the Solution of that difficulty under the Acts of Settlement and Explanation; and the Results of these Operations.	W. H. HARDINGE.	A. XXIV. 379	Dec. 11, 1865.

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Clairaut's theorem. (See Ellipsoids.) On the Attraction of Ellipsoids; with a New Demonstration of Clairaut's Theorem, being an Account of the late Professor MacCullagh's Lectures on those subjects.	G. J. ALLMAN.	S. XXII. 379	June 13, 1853.
Climate of Ireland. Memoir on the Climate of Ireland.	W. HAMILTON.	S. VI. 27	Dec. 6, 1794.
An Essay on the Climate of Ireland.	J. M'SWEEENY.	S. XVII. 179	Nov. 8, 1830.
Clog an Edachta. On the Bell of St. Patrick, called the Clog an Edachta.	W. REEVES.	P.L.A. XXVII. 1	Nov. 9, 1863.
Coal Mines. Observations on Coal Mines.	R. KIRWAN.	S. II. 157	Jan. 10, 1789.
Letter to the Earl of Charlemont on foregoing Paper.	R. KIRWAN.	S. III. 49	Dec. 5, 1789.
Coins. An Account of Ancient Coins found at Ballylinam in the Queen's County, Ireland; with Conjectures thereon.	W. BEAUFORD.	A. I. 139	Feb. 19, 1787.
On the Irish Coins of Edward the Fourth.	A. SMITH.	A. XIX. 1	Nov. 30, 1839.
On the Irish Coins of Henry the Seventh.	A. SMITH.	A. XIX. 50	June 14, 1841.
Colophonine. Contributions to the History of the Terebenes. [On Colophonine and Colophonie Hydrate.]	C. R. C. TICHBORNE.	S. XXIV. 579	Jan. 11, 1869.
Comet. On the First Comet of 1845.	W. DOBERCK.	S. XXV. 459	Jan. 11, 1875.
A Method of Correcting the Approximate Elements of the Orbit of a Comet, and the Application of the same to Observations made at the Observatory of T. C. D. on the Comet of July, 1819.	J. BRINKLEY.	S. XIII. 189	April 17, 1820.
Observations on Comets made at the Observatory of Markree during the First Six Months of the Year 1846.	E. J. COOPER.	S. XXI. 114	July 20, 1846.
Conic Sections. Geometrical Theorems on the Rectification of the Conic Sections.	J. MAC CULLAGH.	S. XVI. 79	June 1, 1830.
Conjugate Functions. Theory of Conjugate Functions or Algebraic Couples; with a Preliminary and Elementary Essay on Algebra as the Science of Pure Time.	SIR W. R. HAMILTON.	S. XVII. 293	{ Nov. 4, 1833. June 1, 1835.

34 *Alphabetical List of Papers published in the Transactions, &c., of the Royal Irish Academy.*

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
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An Essay on the Art of Conveying Secret and Swift Intelligence.	R. L. EDGEWORTH.	S. VI. 95	June 27, 1795.
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Crangon and Galathea.			
On the Britannic Species of Crangon and Galathea; with some Remarks on the Homologies of these Groups.	J. R. KINAHAN.	S. XXIV. 45	June 25, 1850.
Credulity.			
An Essay on Credulity.	W. PRESTON.	S. IX. 47	—
Croix Gammée.			
Croix Gammée or Swastika.	C. GRAVES.	P.L.A. XXVII. 41	May 13, 1878.
Crystalline Reflexion and Refraction.			
On the Laws of Crystalline Reflexion and Refraction.	J. MAC CULLAGH.	S. XVIII. 31	Jan. 9, 1837.
An Essay towards a Dynamical Theory of Crystalline Reflexion and Refraction.	J. MAC CULLAGH.	S. XXI. 17	Dec. 9, 1839.
Crystals.			
On the Molecular Formation of Crystals.	R. T. FOSTER.	S. XXIII. 489	May 14, 1855.
Cubic Curves.			
On Nine-point Contact of Cubic Curves.	SIR A. S. HART.	S. XXV. 559	April 26, 1875.
Cubic Equations.			
A New Method of Resolving Cubic Equations.	T. MEREDITH.	S. VII. 69	June 10, 1797.
Cubic Transformations.			
On Cubic Transformations.	J. CASEY.	{ Cunningham moirs, No. I. }	Dec. 8, 1879.
Cuneatic Characters.			
On the Third Persepolitan Writing, and on the Mode of Expressing Numerals in Cuneatic Characters.	E. HINCKS.	P.L. XXI. 249	Jan. 11, 1847.
Cuneiform Writing.			
On the Different Kinds of Cuneiform Writing in the Triple Inscriptions of the Persians, and on the Language Transmitted through the First Kind.	C. WALL.	P.L. XXI. 257	Dec. 13, 1847.

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A Synthetical Demonstration of the Rule for the Quadrature of Simple Curves in the Analysis <i>per equationes terminorum numero infinitas.</i>	M. YOUNG.	S. I. 31	March 6, 1786.
On the Intersections of Plane Curves of the Third Order.	SIR A. S. HART.	S. XXVI. 449	May 27, 1878.
Cydippe.			
Description of the <i>Cydippe pomiformis</i> (Beroë ovatus. Flem.); with Notice of an apparently Undescribed Species of <i>Bolina</i> , also Found on the Coast of Ireland.	R. PATTERSON.	S. XIX. 91	Dec. 10, 1838.
Declivities of Mountains.			
An Essay on the Declivities of Mountains.	R. KIRWAN.	S. VIII. 35	April 28, 1800.
Degree of Reciprocal Surface.			
On the Degree of the Surface Reciprocal to a given One.	G. SALMON.	S. XXIII. 461	Nov. 30, 1855.
Delphinus diodon.			
An Account of a Peculiarity not hitherto described in the Ankle or Hockjoint of the Horse; with Remarks on the Structure of the Vertebrae in the Species of Whale entitled <i>Delphinus diodon</i> .	R. J. GRAVES.	S. XVI. 85	July 5, 1830.
Desmosticha.			
Report on the Acanthology of the <i>Desmosticha</i> (Haeckel) Part I. On the Acanthological Relations of the <i>Desmosticha</i> .	H. W. MACKINTOSH.	S. XXVI. 475	Feb. 25, 1878.
Do. do. do. Part II.	H. W. MACKINTOSH.	S. XXVIII. 241	June 26, 1882.
Do. Further Observations on the Acanthology of the <i>Diadematidae</i> . Part III.	H. W. MACKINTOSH.	S. XXVIII. 259	June 26, 1882.
Diadematidae.			
Researches on the Structure of the Spines of the <i>Diadematidae</i> (Peters).	H. W. MACKINTOSH.	S. XXV. 519	January, 1875.
Diœcious Plants.			
On the Morphology of Sexes in some Diœcious Plants.	D. MOORE.	S. XXIV. 629	April 11, 1870.
Dip.			
Further Development of a Method of Observing the Dip and Magnetic Intensity, at the same Time and with the same Instrument.	H. LLOYD.	S. XVII. 449.	Dec. 28, 1835.

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Discontinuous Functions. On the Analysis of Discontinuous Functions.	G. BOOLE.	S. XXI. 124	July 20, 1846.
Disease. An Account of a Disease which, until lately, proved Fatal to a great number of Infants in the Lying-in-Hospital of Dublin; with Observations on its Causes and Prevention.	J. CLARKE.	S. III. 89	June 6, 1789.
Diseases of Infancy. Remarks on the Causes and Cure of some Diseases of Infancy.	J. CLARKE.	S. VI. 3	July 6, 1793.
Domnach Airgid. An Account of an Ancient Irish Reliquary called the Domnach Airgid.	G. PETRIE.	A. XVIII. 14	Oct. 22, 1832.
Dreams. On Dreams.	J. WILLS.	P.L. XXIII. 11	May 28, 1855.
Dublin. On the Ancient Name of Dublin.	C. HALIDAY.	P.L. XXII. 437	June 12, 1854.
Duration. On Space and Duration.	R. KIRWAN.	S. X. 189	March 4, 1805.
Duration, Time and Eternity. Of Duration, Time and Eternity.	R. KIRWAN.	S. X. 215	March 4, 1805.
Dynamics. (<i>See Earthquakes: Oscillations: Reflexion and Refraction: Rigid Body: Rigid System: and Screws.</i>)			
Earth. Experiments on a New Earth found near Stronthian, in Scotland.	R. KIRWAN.	S. V. 243	Jan. 9, 1794.
Earth Currents. On Earth Currents, and their Connexion with the Diurnal Changes of the Horizontal Magnetic Needle.	H. LLOYD.	S. XXIV. 115	{ Nov. 11, } 1861. { Nov. 30, }
Earthquake. Notice of the British Earthquake of November 9th, 1852.	R. MALLETT.	S. XXII. 397	Feb. 13, 1854.

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Alphabetical Catalogue of the Earthquakes Recorded as having Occurred in Europe and adjacent Countries; Arranged to serve as a Basis for an Earthquake Map of Europe.	J. P. O'REILLY.	S. XXVIII. 489	April 13, 1835.
On the Objects, Construction, and Use, of certain New Instruments for Self-registration of the Passage of Earthquake Shocks.	R. MALLET.	S. XXI. 107	June 23, 1846.
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Earth's Magnetic Force.			
On the Determination of the Intensity of the Earth's Magnetic Force in Absolute Measure.	H. LLOYD.	S. XXI. 1	Jan. 9, 1843.
On the Determination of the Intensity of the Earth's Magnetic Force in Absolute Measure, by means of the Dip Circle.	H. LLOYD.	S. XXIII. 535	Jan. 11, 1858.
Earth's Magnitude, &c.			
An Essay on the present State of Astronomical Certainty with regard to the Quantity of the Earth's Magnitude, the Distance of that Planet from the Sun, and the Absolute Limit of the Smallest Possible Interval from the Sun to any one of the Fixed Stars.	J. A. HAMILTON.	S. XI. 13	—
Ecclesiastical Architecture of Ireland.			
Ecclesiastical Architecture of Ireland Anterior to the Anglo-Norman Invasion, comprising an Essay on the Origin and Uses of the Round Towers of Ireland.	G. PETRIE.	A. XX. 1	May 27, 1833.
Eclipses.			
Observations of the Lunar Eclipse, March 18th, 1783.	H. USSHER.	S. I. 25	Dec. 5, 1785.
Eclipse of the Sun, June 3rd, 1788.	H. USSHER.	S. II. 187	Dec. 1, 1788.
Ectocarpus.			
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Egyptian Years and Cycles. On the Years and Cycles used by the Ancient Egyptians.	E. HINCKS.	P.L. XVIII. 153	April 9, 1838.
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Elastic Media. On a Classification of Elastic Media and the Laws of Plane Waves Propagated through them.	S. HAUGHTON.	S. XXII. 97	Jan. 8, 1849.
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Electric Attraction and Repulsion. Observations on the Theory of Electric Attraction and Repulsion.	G. MILLER.	S. VII. 139	Jan. 5, 1799.
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Experimental Researches. Part III.	T. R. ROBINSON.	S. XXIII. 501	Nov. 30, 1857.
Ellipsoids.			
<i>(See Lines of Curvature: Clairaut's Theorem.)</i>			
An Investigation of the Lines of Curvature of Ellipsoids, Hyperboloids, and Paraboloids, with a View to the Improvement of the Theory of the Structure and Decoration of Domes.	D. LARDNER.	S. XIV. 75	June 14, 1824.
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An Essay on the Variations of English Prose from the Revolution to the Present Time.	T. WALLACE.	P.L. VI. 41	June 18, 1796.
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Equations of the Fifth Degree; and especially on a certain System of Expressions connected with those Equations, which Professor Bedano has lately proposed.	SIR W. HAMILTON.	S. XIX. 329	Aug. 4, 1842.
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On Correcting Observations made with Equatorial Instruments.	T. R. ROBINSON.	S. XV. 3	Jan. 10, 1825.
Equilibrium.			
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On the Equilibrium and Motion of Solid and Fluid Bodies.	S. HAUGHTON.	S. XXI. 151	May 25, 1846.
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Falstaff.			
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Fictitious History.			
Influence of Fictitious History on Modern Manners.	MISS KIERNAN.	P.L. XII. 61	—
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On the Fish Enclosed in Stone of Monte Bolca.	G. GRAYDON.	S. V. 281	March 1, 1794.
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On the Power of Fixed Caustic Alkaline Salts to Preserve the Flesh of Animals from Putrefaction.	H. HAMILTON.	S. V. 319	April 5, 1794.
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Contributions towards a Knowledge of the Flora of the Seychelles.	E. P. WRIGHT.	S. XXIV. 571	Dec. 14, 1868.
On the Fern Flora of the Seychelles.	J. G. BAKER.	S. XXV. 509	June 22, 1874.
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On Fluctuating Functions.	SIR W. HAMILTON.	S. XIX. 264	June 22, 1840.
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On the Original and Actual Fluidity of the Earth and Planets.	S. HAUGHTON.	S. XXII. 251	May 12, 1851.
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On the Insulation of Fluorine.	{ G. J. KNOX, T. KNOX. }	S. XVIII. 127	April 10, 1837.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Foraminifera. Report on some recent Foraminifera found off the Coast of Dublin and in the Irish Sea.	{ F. P. BALKWILL, J. WRIGHT. }	S. XXVIII. 317	June 23, 1884.
Fossil Vertebrata. On a Collection of Fossil Vertebrata from the Jarrow Colliery, Co. Kilkenny.	{ T. H. HUXLEY, E. P. WRIGHT. }	S. XXIV. 351	Jan. 8, 1866.
Four Masters. Remarks on the History and the Authenticity of the Autograph Original of Annals of the Four Masters, now deposited in the Library, Royal Irish Academy.	G. PETRIE.	A. XVI. 381	March 16, 1831.
Fresnel. On the Double Refraction of Light in a Crystallised Medium, according to the Principles of Fresnel.	J. MAC CULLAGH.	S. XVI. 65	June 21, 1830.
Friction Sledge. Account of Experiments made on a New Friction Sledge for Stopping Railway Trains.	S. HAUGHTON.	S. XXII. 219	June 4, 1850.
Fulminating Silver. An Account of a new Fulminating Silver, and its Application as a Test for Chlorine, &c.	E. DAVY.	S. XVII. 265	May 23, 1831.
Furnaces. On the Construction of Furnaces for High Heats, and the Theory of their Operation.	T. R. ROBINSON.	S. XIII. 63	April 21, 1817.
Gaelic Poems. Ancient Gaelic Poems respecting the Race of the Fians; Collected in the Highlands of Scotland in the year 1784.	M. YOUNG.	A. I. 43	April 17, 1786.
Galathea. On the Britannic Species of Crangon and Galathea; with some Remarks on the Homologies of these Groups.	J. R. KINAHAN.	S. XXIV. 45	June 26, 1860.
Galvanometers. On certain Improvements in the Construction of Galvanometers; on Galvanometers in general; and on a new Instrument for Measuring the Relative Force of Magnetism in Compound Needles intended to be nearly Astatic.	M. DONOVAN.	S. XXII. 233	May 22, 1848.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Galvanometric Deflections. Galvanometric Deflections producible by Attrition and Contact of Metals under certain Circumstances.	M. DONOVAN.	S. XXIII. 1	{ Jan. 8, Jan. 22, Feb. 12, } 1849.
Gardening. Essay on the Rise and Progress of Gardening in Ireland.	J. C. WALKER.	A. IV. 3	May 16, 1790.
Gases. Upon a New Method of Investigating the Specific Heats of the Gases.	J. APJOHN.	S. XVIII. 1	March 16, 1837.
Geological Climates. New Researches on Sun-Heat and Terrestrial Radiation, and on Geological Climates.	S. HAUGHTON.	S. XXVIII. 47	Jan. 10, 1881.
Geology. On the Application of the Science of Geology to the purposes of Practical Navigation.	A. NIMMO.	S. XIV. 39	Oct. 27, 1823.
Geometrical Theorems. Geometrical Theorems.	J. C. MALET.	S. XXVIII. 769	Jan. 25, 1886.
Geometrical Transformation. On a Geometrical Transformation of the Fourth Order, in Space of Three Dimensions, the Inverse Transformation being of the Sixth Order.	L. CREMONA.	S. XXVIII. 279	April 28, 1884.
German Writers. Reflections on the Peculiarities of Style and Manner in the late German Writers whose Works have appeared in English, and on the Tendency of their Productions.	W. PRESTON.	P.L. VIII. 15	Nov. 24, 1800.
Girders. On the Relative Deflection of Lattice and Plate Girders.	B. B. STONEY.	S. XXIV. 189	June 23, 1862.
Glan. A Memoir of the Mines of Glan, the Royalty of Richard Martin, Esq.	MONS. SUBRINE.	S. VIII. 141	June 9, 1800.
Globe. On the Primitive State of the Globe, and its subsequent Catastrophe.	B. KIRWAN.	S. VI. 233	Nov. 19, 1796.
An Illustration and Confirmation of some Facts mentioned in an Essay on the Primitive State of the Globe.	B. KIRWAN.	S. VIII. 29	May 5, 1800.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Gold. Account of Four Circular Plates of Gold Found in Ireland.	R. OUSELEY.	A. VI. 31	March 11, 1797.
Goldsmith, Oliver. On the Poetical Character of Dr. Goldsmith.	A. BURROWES.	P.L. VI. 71	April 22, 1797.
Gospels. Description of a Rich and Ancient Box containing a Latin Copy of the Gospels, which was Found on a Mountain in Co. Tipperary.	H. M. MASON.	A. XIII. 175	May 24, 1819.
Gothic Arch. The Origin and Theory of the Gothic Arch.	M. YOUNG.	S. III. 55	Nov. 7, 1789.
Granites. On the Granites of the County of Donegal.	S. HAUGHTON.	S. XXIV. 213	May 25, 1863.
Grasses. Memoir on Useful Grasses.	W. RICHARDSON.	S. XI. 87	March 6, 1809.
Gravelly and Calculus Concretions. An Experimental Enquiry into the Nature of Gravelly and Calculus Concretions in the Human Subject; and the Effects of Alkaline and Acid Substances on them, in and out of the Body.	T. EGAN.	S. X. 229	March 6, 1805.
Gravity. On Sir Isaac Newton's first Solution of the Problem for Finding the Relation between Resistance and Gravity, that a Body may be made to Describe a Given Curve, and the Source of Error in that Solution pointed out.	J. BRINKLEY.	S. XI. 45	May 25, 1807.
Greek Accents Some Observations upon the Greek Accents.	A. BROWNE.	P.L. VII. 359	Dec. 14, 1799.
Greek Tenses. Brief Strictures on certain Observations of Lord Monboddo respecting the Greek Tenses.	A. BROWNE.	P.L. III. 11	Feb. 13, 1790.
Griffithsia setacea. On the Cell Structure of Griffithsia setacea (Ellis); and on the Development of its Antheridia and Tetraspores.	E. P. WRIGHT.	S. XXVI. 491	April 8, 1878.
Gunpowder. Observations on Gunpowder.	Hon. G. NAPIER.	S. II. 97	Oct. 25, 1788.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Haarlem Lake. On the Drainage of the Haarlem Lake.	S. DOWNING.	S. XXIII. 449	Feb. 12, 1855.
Habit. On the Influence of Habit, Considered in Conjunction with the Love of Novelty.	A. CARMICHAEL.	P.L. XII. 99	—
Halley's Series. On Dr. Halley's Series for the Calculation of Logarithms.	R. MURRAY.	S. IX. 3	Nov. 16, 1801.
Happiness. An Essay on Happiness.	R. KIRWAN.	P.L. XI. 1	Nov. 13, 1809.
Hare. On the Irish Hare (<i>Lepus hibernicus</i>).	W. THOMPSON.	S. XVIII. 260	May 28, 1838.
Heat. On the Means of producing an Intense Heat by the Combustion of Oxygen and Hydrogen Gases. On the Heat developed during the Combination of Acids and Bases. On the Heat developed during the Formation of the Metallic Compounds of Chlorine, Bromine, and Iodine. On the Effect of Heat in Lessening the Affinities of the Elements of Water.	T. R. ROBINSON. T. ANDREWS. T. ANDREWS. T. R. ROBINSON.	S. XIII. 93 S. XIX. 228 S. XIX. 393 S. XXI. 297	Jan. 12, 1818. Jan. 11, 1841. Dec. 12, 1842. June 14, 1847.
Hebræo-Celtic Affinities. On Hebræo-Celtic Affinities.	F. CRAWFORD.	P.L. XXII. 371	Feb. 23, 1852.
Hebrew. On the Personal Pronouns of the Assyrian and other Languages, especially Hebrew.	E. HINCKS.	P.L. XXIII. 3	June 26, 1854.
Hebrew Medal. Observations which Accompanied a Hebrew Medal, submitted to the Inspection of the Royal Irish Academy.	R. WALSH.	A. XIII. 161	June 28, 1819.
Herodotus. Some Considerations on a Controverted Passage of Herodotus.	EARL OF CHARLEMONT.	A. V. 3	July 7, 1790.

Alphabetical List of Papers published in the Transactions, &c., of the Royal Irish Academy. 45

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Herschel's Catalogue. A Supplement to Sir John Herschel's General Catalogue of Nebulae and Clusters of Stars.	J. L. E. DREYER.	S. XXVI. 381	Feb. 26, 1877.
Hiberno-Celtic and Phœnician Languages. On the Affinity of the Hiberno-Celtic and Phœnician Languages.	SIR W. BETHAM.	A. XVII. 73	Nov. 28, 1836.
Hieroglyphic Alphabet. An Attempt to Ascertain the Number, Names, and Powers of the Letters of the Hieroglyphic or Ancient Egyptian Alphabet; grounded on the Establishment of a new Principle in the Use of Phonetic Characters.	E. HINCKS.	P.L. XXI. 132	{ Jan. 26, Feb. 9, } 1846. June 8, }
Hoby. An Account of Some MS. Papers which belonged to Sir Philip Hoby, Knt., who filled several Important Offices in the Reign of King Edward VI.	— HINCKES.	A. VI. 7	Dec. 17, 1796.
Homer. A Dissertation on a Passage in the Sixth Iliad of Homer.	E. LEDWICH.	P.L. IV. 3	Oct. 15, 1791.
Horison Glass. An Explanation of the Method of Adjustment of the Back Horizon Glass of Hadley's Quadrant by Two Near Objects; also a Description of a Projected Addition to the Quadrant for Reflecting that Adjustment, according to the Method of Mr. Blair.	J. LITTLE.	S. XII. 3	Jan. 28, 1811.
Horse. An Account of a Peculiarity, not hitherto described, in the Ankle or Hock-joint of the Horse; with Remarks on the Structure of the Vertebrae in the Species of Whale entitled <i>Delphinus diodon</i> .	R. J. GRAVES.	S. XVI. 85	July 5, 1830.
Human Understanding. Remarks on Some Sceptical Positions in Mr. Hume's Enquiry Concerning the Human Understanding, and his Treatise on Human Nature. An Essay upon Mr. Stewart's Explanation of Certain Processes of the Human Understanding.	R. KIRWAN. J. WILLS.	S. VIII. 157 P.L. XIX. 78	Oct. 20, 1800. Feb. 14, 1842.
Huttonian Theory. Observations on the Proofs of the Huttonian Theory of the Earth, Adduced by Sir James Hall, Bart.	R. KIRWAN.	S. VIII. 3	Feb. 8, 1800.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
<p>Hutton's Theory. Inquiry into the Consistency of Dr. Hutton's Theory of the Earth; with the Arrangement of the Strata and other Phenomena on the Basaltic Coast of Antrim.</p>	W. RICHARDSON.	S. IX. 429	May 2, 1803.
<p>Hygrometer. On the Theory of the Moist-bulb Hygrometer. Part I. On the Theory of the Moist-bulb Hygrometer. Part II.</p>	J. APJOHN. J. APJOHN.	S. XVII. 275 S. XVII. 283	Nov. 24, 1834. April 27, 1836.
<p>Igneous Origin. Examination of the Supposed Igneous Origin of Stony Substances.</p>	R. KIRWAN.	S. V. 51	Feb. 8, 1793.
<p>Imaginary Roots. On an Elementary Proof of Sir Isaac Newton's hitherto Undemonstrated Rule, given in the "Arithmetica Universalis," for the Discovery of Imaginary Roots in Algebraical Equations.</p>	J. J. SYLVESTER.	S. XXIV. 247	June 26, 1865.
<p>Inextensible Surfaces. On the Properties of Inextensible Surfaces.</p>	J. H. JELLETT.	S. XXII. 343	May 23, 1853.
<p>Inscribed Monuments. Memoirs of Researches amongst the Inscribed Monuments of the Græco-Roman Era in Certain Ancient Sites of Asia Minor. Memoirs of Researches amongst the Inscribed Monuments of the Græco-Roman Era in certain Ancient Sites of Asia Minor.</p>	J. K. BAILIE. J. K. BAILIE.	P.L. XIX. 111 P.L. XXI. 11	{ May 9, } 1842. { May 23, } June 26, 1843.
<p>Inscription. An Inscription on an Ancient Sepulchral Stone or Monument in the Churchyard of Kileummin; with some Remarks on the same.</p>	J. LITTLE.	A. IX. 3	June 21, 1802.
<p>Insectivorous Edentates. Report on the Anatomy of the Insectivorous Edentates.</p>	A. MACALISTER.	S. XXV. 491	Jan. 25, 1875.
<p>Integral. On a Certain Multiple Definite Integral.</p>	G. BOOLE.	S. XXI. 140	April 13, 1846.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Integrals.			
Some Theorems in the Reduction of Hyper-Elliptic Integrals.	J. C. MALET.	S. XXV. 279	Jan. 12, 1874.
On the Periods of the First Class of Hyper-Elliptic Integrals.	W. R. W. ROBERTS.	S. XXVIII. 31	Nov. 8, 1880.
On Certain Definite Integrals.	J. C. MALET.	S. XXVIII. 197	April 10, 1882.
Intertubular Tissue.			
On the Intertubular Tissue of the Mammalian Testis.	R. J. HARVEY.	S. XXVI. 31	June 28, 1875.
Iodine.			
On a new Compound, consisting of Iodide of Potassium, Iodine, and the Essential Oil of Cinnamon.	J. APJOHN.	S. XVIII. 162	April 23, 1838.
Ireland.			
Observations on the Romantic History of Ireland.	E. LEDWICH.	A. IV. 21	Oct. 22, 1791.
Essay on the Natural Advantages of Ireland, the Manufactures to which they are Adapted, and the best Means of Improving those Manufactures.	W. PRESTON.	S. IX. 171	Sept. 29, 1796.
A Catalogue of Maps, Charts, and Plans relating to Ireland, preserved amongst the MSS. in the Library of Trinity College, Dublin; with Preliminary Observations.	J. HARDIMAN.	A. XIV. 57	April 12, 1824.
Catalogue of the Indigenous Plants of Ireland.	J. T. MACKAY.	S. XIV. 103	June 28, 1824.
Essay on the Ancient History, Religion, Learning, Arts, and Government of Ireland.	J. D'ALTON.	A. XVI. 3	Nov. 24, 1828.
Notice of a new Indigenous Heath found in Connemara.	J. T. MACKAY.	S. XVI. 127	Nov. 30, 1830.
Remarks on the Species of Seals (Phocidæ) Inhabiting the Irish Seas.	R. BALL.	S. XVIII. 89	Dec. 12, 1836.
A Memoir of the Medals and Medallists connected with Ireland.	H. B. DAWSON.	P.L. XIX. 1	March 16, 1838.
On an Unpublished Essay on Ireland, by Sir W. Petty, A.D. 1687.	W. H. HARDINGE.	A. XXIV. 371	May 8, 1865.
Irish Language.			
Remarks on the Irish Language; with a Review of its Grammars, Glossaries, Vocabularies, and Dictionaries; to which is Added a Model of a Comprehensive Irish Dictionary.	J. SCURRY.	P.L. XV. 3	Oct. 23, 1826.
James VI. of Scotland.			
Original Letters from James VI. of Scotland and Chancellor Maitland to Robert Bruce, Minister of the Gospel.	W. BRUCE.	A. XV. 243	May 26, 1828.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Johnson.			
Essay on the Style of Dr. Samuel Johnson. No. 1.	R. BURROWES.	P.L. I. 27	Mar. 13, 1786.
Essay on the Style of Dr. Samuel Johnson. No. 2.	R. BURROWES.	P.L. I. 41	Nov. 13, 1786.
Judges of Israel.			
A Dissertation upon the Chronology of the Judges of Israel.	H. B. AUCHINLECK.	A. XI. 63	April 10, 1809.
Kepler's Problem.			
An Examination of Various Solutions of Kepler's Problem; and a Short Practical Solution of that Problem pointed out.	J. BRINKLEY.	S. IX. 83	Nov. 1, 1802.
Khorsabad Inscriptions.			
On the Khorsabad Inscriptions.	E. HINCKS.	P.L. XXII. 3	June 25, 1849.
Killiee.			
On the Antiquity of the Killiee or Boomerang.	SIR S. FERGUSON.	P.L. XIX. 22	{ Jan. 22, } 1838. { Feb. 12, }
Killosey Church.			
A Memoir respecting the Antiquities of the Church of Killosey, in the Co. Kildare; with some Conjectures on the Origin of the Ancient Irish Churches.	W. BEAUFORD.	A. III. 75	Jan. 20, 1790.
Lamp Furnace.			
An Account of a Chamber Lamp Furnace.	R. PERCEVAL.	S. IV. 91	March 5, 1791.
Language.			
On the Science of Language.	J. BYRNE.	P.L. XXIV. 67	May 14, 1866.
Lap Joints.			
Report on the Strength of Single-riveted Lap Joints.	B. B. STONEY.	S. XXV. 461	June 22, 1874.
"Lateral Line."			
On the System of the "Lateral Line" in Fishes.	R. M'DONNELL.	S. XXIV. 161	May 26, 1862.
Lavas.			
Report on the Chemical, Mineralogical, and Microscopical Character of the Lavas of Vesuvius from 1831 to 1868.	{ S. HAUGHTON, } { E. HULL. }	S. XXVI. 49	May 24, 1875.
Lead.			
On the Solution of Lead by Lime.	R. PERCEVAL.	S. V. 89	June 1, 1793.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Leo Africanus. On a Passage of Giovanni Leoni, commonly called Leo Africanus, Mentioning a Successful Attack upon the Coast of Africa by a Powerful British Fleet in the Tenth Century.	J. DUNN.	A. XV. 97	April 17, 1826.
Leonis. On α Leonis, Considered as a Revolving Double Star.	W. DOBERCK.	S. XXVI. 165	April 10, 1876.
Letchemy. A Letter from W. Caulfield Lennon, Esq., to the Earl of Charlemont, President [on Image of Letchemy].	W. C. LENNON.	A. VI. 3	Nov. 15, 1794.
Liberty. Essay on Human Liberty.	R. KIRWAN.	S. VII. 305	July 28, 1798.
Light. On the Double Refraction of Light in a Crystallized Medium, according to the Principles of Fresnel. On the Phenomena Presented by Light in its Passage along the Axes of Biaxial Crystals. Geometrical Propositions applied to the Wave Theory of Light. On the Light Reflected and Transmitted by Thin Plates.	J. MAC CULLAGH. H. LLOYD. J. MAC CULLAGH. H. LLOYD.	S. XVI. 65 S. XVII. 145 S. XVII. 241 S. XXIV. 3	June 21, 1830. Jan. 28, 1833. June 24, 1833. April 11, 1859.
Lines of Curvature. (<i>See Ellipsoids.</i>)			
Lines of Direction. On the Correlation of Lines of Direction on the Earth's Surface.	J. P. O'REILLY.	S. XXVI. 611	Jan. 27, 1879.
Lion-Breeding. Observations on Lion-Breeding in the Gardens of the Royal Zoological Society of Ireland.	V. BALL.	S. XXVIII. 723.	May 10, 1886.
Logarithms. (<i>See Halley's Series.</i>) On the Application of a Converging Series to the Construction of Logarithms.	W. ALLMAN.	S. VI. 391	May 21, 1796.
Longitude. On the Method of Determining the Longitude by Observations of the Meridian Passage of the Moon and a Star, made at Two Places. On the Difference of Longitude between the Observatories of Armagh and Dublin, determined by Rocket Signals.	J. A. HAMILTON. T. R. ROBINSON.	S. VI. 193 S. XIX. 121	Nov. 1, 1794. June 24, 1839.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Longitude of Armagh Observatory. On the Longitude of the Armagh Observatory, given by Fifteen Chronometers of Arnold and Dent.	T. R. ROBINSON.	S. XIX. 110	Dec. 10, 1838.
Lumbar Curves. The Lumbar Curve in Man and the Apes; with an Account of the Topographical Anatomy of the Chimpanzee, Orangutan, and Gibbon.	D. J. CUNNINGHAM.	{ Cunningham } Memoirs, No. II.	Feb. 8, 1886.
Lunar Perigee. Investigations in Physical Astronomy: Principally Relative to the Mean Motion of the Lunar Perigee.	J. BRINKLEY.	S. XIII. 25	April 21, 1817.
Lungs. On Accessory Lobes of the Human Lungs.	E. W. COLLINS.	S. XXV. 329	April 13, 1874.
Lusk. Description of an Ancient Monument in the Church of Lusk, Co. Dublin.	C. VALLANCEY.	A. II. 57	March 3, 1789.
Lyric Poetry. Thoughts on Lyric Poetry.	W. PRESTON.	P.L. I. 57	Dec. 11, 1786.
Mac Cullagh's Lectures. (<i>See Ellipsoids and Rotation.</i>)			
Mac Firbis. Remarks on the Book of Mac Firbis—an Irish Manuscript lately Transcribed for the Academy.	G. PETRIE.	A. XVIII. 3	Feb. 27, 1837.
Magnetical Observatory. Results of Observations made at the Magnetical Observatory of Dublin during the Years 1840-43. (1st Series, Magnetic Declination.)	H. LLOYD.	S. XXII. 74	{ May 11, } { May 25, } 1846.
Magnetic Fluid. Observations on the Magnetic Fluid.	O'B. DRUBY.	S. II. 119	Nov. 29, 1788.
Magnetic Intensity. Further Development of a Method of Observing the Dip and the Magnetic Intensity, at the same Time and with the same Instrument.	H. LLOYD.	S. XVII. 449	Dec. 28, 1835.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Magnetism.			
Thoughts on Magnetism.	R. KIRWAN.	S. VI. 177	March 19, 1796.
An Attempt to Facilitate Observations of Terrestrial Magnetism.	H. LLOYD.	S. XVII. 159	Oct. 28, 1833.
Magnets.			
On the Mutual Action of Permanent Magnets; Considered chiefly in Reference to their Best Relative Position in an Observatory.	H. LLOYD.	S. XIX. 159	Feb. 11, 1839.
Supplement to Ditto.	H. LLOYD.	S. XIX. 249	April 26, 1841.
Magnifying Power.			
An Account of Some Observations, made with a View to Ascertain whether Magnifying Power or Aperture Contributes most to the Discerning Small Stars in the Day.	H. USSHER.	S. II. 37	Feb. 2, 1788.
Maitland.			
Original Letters from James VI. of Scotland and Chancellor Maitland to Robert Bruce, Minister of the Gospel.	W. BRUCE.	A. XV. 243	May 26, 1828.
Mammalian Muscular System.			
On the Embryology of the Mammalian Muscular System. No. 1. The Short Muscles of the Human Hand.	B. C. A. WINDLE.	S. XXVIII. 211	June 26, 1882.
Manetho.			
On the Age of the Eighteenth Dynasty of Manetho.	E. HINCKS.	P.L. XXI. 1	Dec. 12, 1842.
Manures.			
What are the Manures most Advantageously Applicable to the Various Sorts of Soils; and What are the Causes of their Beneficial Effect in each Particular Instance.	R. KIRWAN.	S. V. 129	Jan. 4, 1794.
Marine Botany.			
Some Account of the Marine Botany of the Colony of Western Australia.	W. H. HARVEY.	S. XXII. 525	Dec. 11, 1854.
Mars.			
On the Aspect of Mars at the Oppositions of 1871 and 1873.	C. E. BURTON	S. XXVI. 427	Feb. 12, 1877.
Matthew's Gospel.			
Account of a Greek Manuscript of St. Matthew's Gospel, in the Library of Trinity College, Dublin.	J. BARRETT.	A. I. 121	Nov. 20, 1786.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Mayo. An Account of a Trigonometrical Survey of Mayo—one of the Maritime Counties of Ireland.	W. BALD.	S. XIV. 51	April 30, 1821.
Medallion Busts. Memoir on two Large Medallion Busts, which are preserved in the Manuscript Room of Trinity College, Dublin; also Two Inedited Patrician Inscriptions.	J. K. BAILLIE.	P.L. XXII. 85	{ June 11, } 1851. { June 26, }
Medals. A Memoir of the Medals and Medallists connected with Ireland.	H. R. DAWSON.	P.L. XIX. 1	March 16, 1838.
Medea. Observations on a Passage in the Medea of Seneca; and on the Argument against the Evidence of Prophecy drawn from it by Deistical Writers.	G. HAMILTON.	A. XIV. 3	Jan. 22, 1821.
Menacane. An Account of a New Semi-Metallic Substance, called Menacane, and its Ores.	G. MITCHEL.	S. X. 11	July 4, 1803.
Metallic Conductors. On the Relation between the Temperature of Metallic Conductors, and their Resistance to Electric Currents.	T. R. ROBINSON.	S. XXII. 1	Nov. 30, 1848.
Metelin. Account of a Singular Custom at Metelin; with Some Conjectures on the Antiquity of its Origin.	EARL OF CHARLEMONT.	A. III. 3	Dec. 19, 1789.
Meteorite Stone. Analysis of a Meteoric Stone which fell near Adair, in the Co. Limerick, on Sept. 10, 1813.	J. APJOHN.	S. XVIII. 17	May 23, 1836.
Meteorological Observations. A Comparative View of Meteorological Observations made in Ireland since the Year 1788; with Some Hints towards Forming Prognostics of the Weather.	R. KIRWAN.	S. V. 3	Feb. 2, 1793.
Meteorological Observations made in Ireland in the Year 1793.	R. KIRWAN.	S. V. 227	Jan. 25, 1794.
Meteorological Observations made at Londonderry in the Year 1800.	W. PATTERSON.	S. VIII. 245	May 4, 1801.
Meteorological Tables. Reflections on Meteorological Tables Ascertaining the Precise Signification of the Terms, Wet, Dry, and Variable.	R. KIRWAN.	S. V. 31	July 23, 1793.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Meteorology. Notes on the Meteorology of Ireland, Deduced from the Observations made in the Year 1851, Under the Direction of the Royal Irish Academy.	H. LLOYD.	S. XXII. 411	{ June 27, } { Dec. 12, } 1853.
Mias Tighearnain. Description of an Ancient Irish Shrine, called the <i>Mias Tighearnain</i> .	SIR W. B. WILDE.	A. XXI. 16	June 8, 1846.
Micrometer Measures. On Comparative Micrometer Measures.	J. A. HAMILTON.	S. X. 109	Feb. 4, 1805.
Milk. Observations on the Properties commonly attributed by Medical Writers to Human Milk, on the Changes it undergoes in Digestion, and the Diseases Supposed to Originate from this Source in Infancy.	J. CLARKE.	S. II. 171	Dec. 4, 1786.
Mineral Substance. An Account of a New Mineral Substance Discovered at Killiney.	T. TAYLOR.	S. XIII. 3	June 23, 1817.
Missal. On the Ancient Irish Missal and its Silver Box, described by Dr. O'Connor in his Catalogue of the Stowe MSS., and now the Property of the Earl of Ashburnham. On the Stowe Missal.	J. H. TODD. B. MAC CARTHY.	A. XXIII. 3 P.L.A. XXVII. 135	June 23, 1856. June 8, 1885.
Monte Bolca. On the Fish Enclosed in Stone of Monte Bolca.	G. GRAYDON.	S. V. 281	March 1, 1794.
Monuments. On a Previously Undescribed Class of Monuments.	C. GRAVES.	A. XXIV. 421	Feb. 13, 1860.
Moon. Irregular Ode to the Moon.	W. PRESTON.	P.L. I. 75	Dec. 11, 1786.
Moving Bog. An Account of the Moving of a Bog, and the Formation of a Lake, in the County of Galway, Ireland.	R. OUSELEY.	S. II. 3	Oct. 1, 1787.
Muscular Anomalies. Observations on Muscular Anomalies in Human Anatomy. Third Series. With a Catalogue of the Principal Muscular Variations Hitherto Published.	A. MACALISTER.	S. XXV. 1	Jan. 23, 1871.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
National Education.			
Essay on a System of National Education Adapted to Ireland.	S. DICKSON.	P.L. IV. 15	July 9, 1792.
Navigation.			
The Use and Description of a Newly-Invented Instrument for Navigation, by which every Case in Plain, Middle Latitude, or Mercator's Sailing, may be Performed without Logarithms, Tables, or any Numerical Calculations whatsoever.	J. COOKE.	S. III. 117	Nov. 7, 1789.
On the Application of the Science of Geology to the Purposes of Practical Navigation.	A. NIMMO.	S. XIV. 39	Oct. 27, 1823.
Nebulae.			
A Supplement to Sir John Herschel's General Catalogue of Nebulae and Clusters of Stars.	J. L. E. DREYER.	S. XXVI. 381	Feb. 26, 1877.
Needle.			
Observations on the Variation of the Needle.	T. HARDING.	S. IV. 107	May 7, 1791.
Negative Pedal.			
Direct Demonstration of the Properties of the First Negative Pedal of a Central Conic from any Point in its Plane.	J. C. MALET.	S. XXVI. 431	Feb. 25, 1878.
Neutral Salts.			
On the Strength of Acids and the Proportion of Ingredients in Neutral Salts.	R. KIRWAN.	S. IV. 3	Dec. 24, 1790.
Additional Observations on the Proportion of Real Acids in the Three Antient Known Mineral Acids; and on the Ingredients in Various Neutral Salts, and other Compounds.	R. KIRWAN.	S. VII. 163	Dec. 16, 1797.
Newton's Rule. (<i>See Imaginary Roots and Spherical Errors.</i>)			
Nitroprussides.			
On the Nitroprussides of the More Important Bases of Opium.	E. W. DAVY.	S. XXVIII. 471	April 13, 1835.
Norse Geography.			
On the Norse Geography of Ancient Ireland.	G. DOWNES.	A. XIX. 84	April 26, 1841.
Norwegian Settlements.			
Norwegian Settlements on the East Coast of Greenland or Osterbygd, and their Situation.	SIR C. L. GIÈSECKE.	A. XIV. 47	Jan. 26, 1824.
Numbers.			
On Certain Properties of Numbers.	S. VINCE.	S. XII. 34	June 26, 1810.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Oblique Cylinder. A Theorem for Finding the Surface of an Oblique Cylinder, with its Geometrical Demonstration; also an Appendix containing Some Observations on the Methods of Finding the Circumference of a very Excentric Ellipse, including a Geometrical Demonstration of the Property of Elliptic Arcs discovered by Count Fagnani.	J. BRINKLEY.	S. IX. 145	Dec. 20, 1802.
Observations. On the Mean Results of Observations (Atmospheric Pressure, &c.).	H. LLOYD.	S. XXII. 61	June 12, 1848.
Observatory. An Account of the Observatory belonging to Trinity College, Dublin.	H. USSHER.	S. I. 3	June 13, 1785.
Oengus. On the Calendar of Oengus.	W. STOKES.	{ Ir. MS. Series, } { Vol. I., Pt. I. }	Nov. 13, 1871.
Ogham. On an Ogham Inscription. Account of an Ancient Inscription, in Ogham Character, on the Sepulchral Monument of an Irish Chief, Discovered by Mr. Theophilus O'Flanagan, Student of Trinity College, Dublin. Fasciculus of Prints from Photographs of Casts of Ogham Inscriptions.	C. GRAVES. T. O'FLANAGAN. SIR S. FERGUSON.	P.L.A. XXVII. 31 A. I. 3 P.L.A. XXVII. 47	May 13, 1878. Dec. 19, 1785. June 28, 1880.
Oldhamia. The Genus Oldhamia (Forbes): its Character, Probable Affinities, Modes of Occurrence, and a Description of Localities in which it Occurs in the Cambrian Rocks of Wicklow and Dublin.	J. R. KINAHAN.	S. XXIII. 547	April 12, 1858.
Opium. On the Nitroprussides of the More Important Bases of Opium.	E. W. DAVY.	S. XXVIII. 471	April 13, 1885.
Oppian. An Essay on the Life and Writings of Oppian. Analysis of the Cynegetics of Oppian.	W. H. DRUMMOND. W. H. DRUMMOND.	P.L. XIII. 3 P.L. XIII. 47	April 26, 1819. Jan. 24, 1820.
Orbits. On the Orbits in which Bodies Revolve, being Acted Upon by a Centripetal Force, varying as any Function of the Distance when those Orbits have Two Apsides.	J. BRINKLEY.	S. VIII. 215	March 9, 1801.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Orang-utan. (<i>See Chimpanzee.</i>)			
Oscillations of a Rigid Body. On the Small Oscillations of a Rigid Body about a Fixed Point under the Action of any Forces, and More Particularly when Gravity is the only Force Acting.	SIR R. S. BALL.	S. XXIV. 593	Jan. 24, 1870.
Ossian. Authenticity of the Poems of Ossian.	W. H. DRUMMOND.	P.L. XVI. 3	May 25, 1829.
Authenticity of the Poems of Ossian.	E. O'REILLY.	P.L. XVI. 163	May 25, 1829.
Ovarium. History of an Ovarium, wherein were Found Teeth, Hair, and Bones.	J. CLEGHORN.	S. I. 73	May 28, 1787.
Painting. Observations on the Power of Painting to express Mixed Passions.	M. KEARNEY.	S. VI. 87	Nov. 14, 1796.
Palaeozoic Rocks. On the Lower Palaeozoic Rocks of the South East of Ireland, and their Associated Igneous Rocks.	{ J. B. JUKES, S. HAUGHTON. }	S. XXIII. 563	April 26, 1858.
Palliobranchiata. On the Histology of the Test of the Class Palliobranchiata.	W. KING.	S. XXIV. 439	April 22, 1867.
Parhelia. An Account of Parhelia seen Sept. 24th, 1783, at Cookstown.	J. A. HAMILTON.	S. I. 23	Feb. 6, 1786.
Account of Two Parhelia observed Feb. 25th, 1790.	H. USSHER.	S. III. 143	March 5, 1790.
Patrician Documents. On the Patrician Documents.	SIR S. FERGUSON.	P.L.A. XXVII. 67	{ Nov. 10, 1884. Jan. 12, } Jan. 26, } 1885. Feb. 9, }
Pemphigus. Observations on Pemphigus.	S. DICKSON.	S. I. 47	May 1, 1786.
Pendulums. An Account and Description of Three Pendulums, Invented and Constructed by John Crosthwaite, Watch and Clock Maker, Dublin.	J. CROSTHWAITE.	S. II. 7	Nov. 1, 1787.

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TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Perceval.			
Extract of a Letter from the Rev. Charles Perceval to Robert Perceval, M.D. [on a Case of Abnormal Vision].	C. PERCEVAL.	S. IV. 97	Dec. 4, 1790.
Persepolitan Writing.			
On the First and Second Kinds of Persepolitan Writing.	E. HINCKS.	P.L. XXI. 114	June 9, 1846.
On the Three Kinds of Persepolitan Writing; and on the Babylonian Lapidary Characters.	E. HINCKS.	P.L. XXI. 233	{ Nov. 30, } 1846. { Dec. 14, }
Petty.			
On an Unpublished Essay on Ireland by Sir W. Petty, A.D. 1687.	W. H. HARDINGE.	A. XXIV. 371	May 8, 1865.
Phenician and Celtic Languages.			
On the Phenician and Celtic Languages; Illustrated by the Geographical Names in Ptolemy, and the Periplus of Arrian.	SIR W. BETHAM.	A. XVII. 21	{ May 23, } 1836. { June 27, }
Plane Curves.			
On the Intersections of Plane Curves of the Third Order.	SIR A. S. HART.	S. XXVI. 449	May 27, 1878.
On Some Properties of Certain Plane Curves.	R. A. ROBERTS.	S. XXVIII. 709	Dec. 14, 1835.
Planetary Disturbance.			
On the Theory of Planetary Disturbance.	B. BRONWIN.	S. XXII. 25	Nov. 30, 1848.
Plants of Ireland.			
Catalogue of the Indigenous Plants of Ireland.	J. T. MACKAY.	S. XIV. 103	June 28, 1824.
Plants of Burren.	F. J. FOOT.	S. XXIV. 143	April 28, 1862.
Plants, Physiology.			
On the Naturalization of Plants.	J. TEMPLETON.	S. VIII. 111	Nov. 23, 1799.
Experiments on the Movements of Water in Plants. Part I.	W. B. M'NAB.	S. XXV. 343	Feb. 9, 1874.
Experiments on the Movements of Water in Plants. Part II.	W. B. M'NAB.	S. XXV. 567	May 10, 1875.
Plates of Gold.			
Account of Four Circular Plates of Gold Found in Ireland.	R. OUSELEY.	A. VI. 31	March 11, 1797.
Plautus.			
The Punic Passage in Plautus, Collated with Parallel Passages of the Hebrew Scriptures.	J. HAMILTON.	P.L. XVIII. 3	June 29, 1835.
Polarization.			
On the Compensations of Polarized Light; with the Description of a Polarimeter, for Measuring Degrees of Polarization.	SIR D. BREWSTER.	S. XIX. 377	Nov. 14, 1842.

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<p>Polite Literature.</p> <p>Whether, and How Far, the Pursuits of Scientific and Polite Literature Assist or Obstruct each other.</p>	W. PHELAN.	P.L. XII. 3	—
<p>Polygon.</p> <p>On the Inscription of a Regular Polygon of Seventeen Sides in a Circle; or, Division of the Circumference into Seventeen Equal Parts.</p>	S. JAMES.	S. XIII. 176	Jan. 24, 1820.
<p>Polysiphonia.</p> <p>On the Formation of the so-called "Siphons"; and on the Development of the Tetraspores in Polysiphonia.</p>	E. P. WRIGHT	S. XXVI. 511	April 8, 1878.
<p>Polytheism.</p> <p>Evil Effects of Polytheism on the Morals of the Heathens.</p> <p>Of the Origin of Polytheism, Idolatry, and Grecian Mythology.</p>	• • • R. KIRWAN.	P.L. III. 43 A. XI. 1	Feb. 13, 1790. Dec. 7, 1808.
<p>Polyzoa.</p> <p>On the Homology of the Organs of the Tunicata and the Polyzoa.</p>	G. J. ALLMAN.	S. XXII. 275	Jan. 26, 1852.
<p>Population.</p> <p>An Essay towards Ascertaining the Population of Ireland, in a Letter to the Right Hon. the Earl of Charlemont.</p>	G. P. BUSHE.	S. III. 145	June 5, 1790.
<p>Powers.</p> <p>Essays on Powers and their Differences.</p>	F. BURKE.	S. XI. 131	Nov. 6, 1809.
<p>Primeval Language.</p> <p>On the Primeval Language of Mankind.</p>	R. KIRWAN.	P.L. X. 121	Nov. 4, 1805.
<p>Primitive Colorific Rays.</p> <p>On the Number of the Primitive Colorific Rays in Solar Light.</p>	M. YOUNG.	S. VII. 119	April 7, 1798.
<p>Prismatic Forms in Basalts.</p> <p>Explanatory Notes and Discussion of the Nature of the Prismatic Forms of a Group of Columnar Basalts, Giant's Causeway.</p>	J. P. O'REILLY.	S. XXVI. 641	June 24, 1878.

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Ptolemy's Geography. Letter to the Rev. George Graydon, LL.B., Secretary to the Committee of Antiquities, R.I.A. [on Ptolemy's Geography].	W. BEAUFORD.	A. III. 51	Jan. 16, 1790.
Pyro-acetic Spirit. On a Series of Combinations Derived from Pyro-acetic Spirit.	SIR R. KANE	S. XVIII. 99	{ Mar. 16, } 1837. { April 10, }
Quadrant. An Explanation of the Method of Adjustment of the Back Horizon Glass of Hadley's Quadrant, by Two Near Objects; also a Description of a Projected Addition to the Quadrant for Reflecting that Adjustment, According to the Method of Mr. Blair.	J. LITTLE.	S. XII. 3	Jan. 28, 1811.
Quadric. On a Certain Surface Derived from a Quadric.	J. C. MALET.	S. XXVI. 456	May 12, 1878.
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Radicals. On the Method of Taking Radicals out of Equations.	D. MOONEY.	S. VI. 221	June 18, 1796.
Rainbow. A Phenomenon of the Rainbow.	R. MANT.	S. XV. 175	April 2, 1827.
Rain Guages. Observations on Rain Guages.	T. GARNETT.	S. V. 257	Jan. 25, 1794.
Rathlin. Notes on the Statistics and Natural History of the Island of Rathlin, off the Northern Coast of Ireland.	J. D. MARSHALL.	A. XVII. 37	—
Rays. Theory of Systems of Rays.	SIR W. R. HAMILTON.	S. XV. 69	Dec. 3, 1824.
Supplement to an Essay on Theory of Systems of Rays.	SIR W. R. HAMILTON.	S. XVI. 4	April 26, 1830.
Second Supplement to an Essay on Theory of Systems of Rays.	SIR W. R. HAMILTON.	S. XVI. 93	Oct. 25, 1830.
Third Supplement to an Essay on Theory of Systems of Rays.	SIR W. R. HAMILTON.	S. XVII. 1	{ Jan. 23, } 1832. { Oct. 22, }

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Rays of Light. On a New Case of Interference of the Rays of Light.	H. LLOYD.	S. XVII. 171	Jan. 27, 1834.
Reciprocal Surface. On the Degree of the Surface Reciprocal to a Given One.	G. SALMON.	S. XXIII. 461	Nov. 30, 1855.
Red Book of the Exchequer. A Description of an Ancient Drawing in the Red Book of the Exchequer in Ireland.	H. J. M. MASON.	A. XIII. 181	Feb. 28, 1820.
Red Stars. Observations and Catalogue of the Red Stars.	J. BIRMINGHAM.	S. XXVI. 249	June 26, 1876.
Reflecting Level. A Description of a Reflecting Level, or an Artificial Horizon for Taking Altitudes of the Celestial Bodies, &c., on Land by Hadley's Quadrant; with Some Remarks on Different Levels.	J. LITTLE.	S. VIII. 77	Oct. 20, 1798.
Reflexion and Refraction. An Essay towards a Dynamical Theory of Crystalline Reflexion and Refraction.	J. MACCULLAGH.	S. XXI. 17	Dec. 9, 1839.
Refraction. On the Double Refraction of Light in a Crystallized Medium, according to the Principles of Fresnel. On the Laws of the Double Refraction of Quartz. On the Constant of Refraction, Determined by Observations with the Mural Circle of the Armagh Observatory. Analytical Investigations Respecting Astronomical Refractions and the Application Thereof to the Formation of Convenient Tables; together with the Results of Observations of Circumpolar Stars tending to Illustrate the Theory of Refractions. A Method of Computing Astronomical Refractions for Objects near the Horizon.	J. MACCULLAGH. J. MACCULLAGH. T. R. ROBINSON. J. BRINKLEY. J. BRINKLEY.	S. XVI. 65 S. XVII. 461 S. XIX. 177 S. XII. 77 S. XIII. 165	June 21, 1830. Feb. 22, 1836. Jan. 11, 1841. May 9, 1814. Jan. 17, 1820.
Resistance. (See Gravity.)			
Rhizophydium. On a Species of Rhizophydium Parasitic on Species of Ectocarpus; with Notes on the Fructification of the Ectocarpi.	E. P. WRIGHT.	S. XXVI. 369	Feb. 12, 1877.
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TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Ridicule, Wit and Humour.			
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Essay on Ridicule, Wit and Humour. Part II.	W. PRESTON.	P.L. II. 77	Jan. 10, 1789.
Right Ascension.			
Further Considerations on the Comparative Observations of the Differences of Right Ascension of the Moon's Enlightened Limb, with the Sun's Centre, and with Stars under Different Meridians.	J. A. HAMILTON.	S. XI. 25	Nov. 3, 1806.
Rigid Body.			
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Rigid System.			
Certain Problems in the Dynamics of a Rigid System moving in Elliptic Space.	SIR R. S. BALL.	S. XXVIII. 159	Nov. 14, 1881.
Ring Money.			
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On the Ring Money of the Celts.	SIR W. BETHAM.	A. XVII. 91	{ Nov. 28, 1836. { Jan. 9, 1837.
Rock-jointing.			
Report on the Superinduced Divisional Structure of Rocks called Jointing, and its Relation to Slaty Cleavage.	W. KING.	S. XXV. 605	June 14, 1875.
Romantic Fabling.			
On the Origin of Romantic Fabling in Ireland.	J. C. WALKER.	A. X. 1	June 10, 1805.
Roots.			
(See Imaginary Roots.)			
On the Extraction of Cubic and other Roots. (Communicated.)	M. YOUNG.	S. I. 69	Jan. 1, 1787.
Roscommon.			
A Letter from William Edgeworth, C.E. [Triangles used in Construction of Map of Roscommon.]	W. EDGEWORTH.	S. XIV. 63	Jan. 1, 1823.
Rosetta Stone.			
On the True Date of the Rosetta Stone, and on the Inferences Deducible from it.	E. HINCKS.	P.L. XIX. 72	May 9, 1842.

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Rog-Cata, Rog Catha, or Martial Ode, Sung at the Battle of Cnucha, by Fergus, Son of Finn, and addressed to Goll, the Son of Morna; with a Literal Translation and Notes.	S. O'HALLORAN.	A. II. 7	Jan. 10, 1789.
Rotation. On the Rotation of a Solid Body round a Fixed Point; being an Account of the Late Professor MacCullagh's Lectures on that Subject.	S. HAUGHTON.	S. XXII. 139	April 23, 1849.
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Saccharine Matters. On a New Step in the Proximate Analysis of Saccharine Matters.	J. APJOHN.	S. XXIV. 587	Dec. 13, 1869.
Saguntum. Observations on the Description of the Theatre of Saguntum, as given by Emanuel Marti, Dean of Alicant, in a Letter Addressed to D. Antonio Felix Zondadario.	W. CONYNGHAM.	A. III. 21	Dec. 19, 1789.
Letter to Joseph C. Walker, Esq., M.R.I.A.; being an Appendix to Memoir on the Theatre of Saguntum.	W. CONYNGHAM.	A. III. 47	1790.
St. Patrick. On the Bell of St. Patrick, called the 'Clog an Edachta.'	W. REEVES.	P.L.A. XXVII. 1	Nov. 9, 1863.
Sanscrit. An Essay on the Nature, Age, and Origin of the Sanscrit Writing and Language.	C. W. WALL.	P. L. XVIII. 65	Nov. 13, 1837.
Saturn's Ring. Observations made on the Disappearance and Reappearance of Saturn's Ring in the year 1789, with Some Remarks on his Diurnal Rotation.	H. USSHER.	S. III. 135	Dec. 5, 1789.
Science. Some Hints concerning the State of Science at the Revival of Letters, grounded on a Passage of Dante in the 'Inferno,' Canto IV., v. 130.	EARL OF CHARLEMONT.	P.L. VI. 3	April 9, 1796.
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Extension of the Theory of Screws to the Dynamics of any Material System.	SIR R. S. BALL.	S. XXVIII. 99	June 13, 1881.
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Selenium.			
Report on the Allotropism of Selenium, and on the Influence of Light on the Electrical Conductivity of this Element.	{ H. N. DRAPER, } { R. J. MOSS. }	S. XXVI. 231	June 12, 1876.
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Semi-Diurnal Tides.			
Semi-Diurnal Tide at Cahirciveen; Deduced from the Academy Observations of the Coasts of Ireland.	S. HAUGHTON.	S. XXIV. 195	April 25, 1864.
The Tides of Castletownsend. Part II.	S. HAUGHTON.	S. XXIV. 253	} Feb. 26, 1866.
„ Bunown, Co. Galway. Part III.	S. HAUGHTON.	S. XXIV. 265	
„ Rathmullen, Co. Donegal. Part IV.	S. HAUGHTON.	S. XXIV. 274	
„ Portrush, Co. Antrim. Part V.	S. HAUGHTON.	S. XXIV. 284	
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„ Dunmore East, Co. Waterford. Part X.	S. HAUGHTON.	S. XXIV. 335	
Senchus Mor.			
On the Rudiments of the Common Law Discoverable in the Published Portion of the "Senchus Mor."	SIR S. FERGUSON.	P.L. XXIV. 83	Feb. 11, 1867.
Sepulchral Cells.			
On Sepulchral Cells.	SIR S. FERGUSON.	P.L.A. XXVII. 57	June 28, 1880.
Sepulchre.			
An Account of an Ancient Sepulchre Discovered in the County of Kildare, Ireland, in the year 1788.	W. BEAUFORD.	A. II. 51	March 3, 1789.
Series, General Doctrine of Reversion of. (See Variable Quantity.)			

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Seychelles.			
Contributions towards a Knowledge of the Flora of the Seychelles.	E. P. WRIGHT.	S. XXIV. 571	Dec. 14, 1868.
On the Fern Flora of the Seychelles.	J. G. BAKER.	S. XXV. 609	June 22, 1874.
Shandon Cave.			
Report on the Exploration of Shandon Cave.	A. L. ADAMS.	S. XXVI. 187	Feb. 28, 1876.
Ships.			
A Memoir on the Construction of Ships.	SIR G. SHEE.	S. VI. 15	Nov. 1, 1794.
Sight.			
An Essay to Improve the Theory of Defective Sight.	J. STACK.	S. II. 27	Jan. 5, 1788.
Silver Medal.			
On the Silver Medal lately Dug up in the Park of Dunganon, County of Tyrone, Seat of the Right Hon. Lord Welles.	C. VALLANCEY.	A. II. 69	March 3, 1789.
Sinai and South Palestine.			
On the Botany of Sinai and South Palestine	H. C. HART.	S. XXVIII. 373	Feb. 23, 1885.
Skeleton.			
Essays Respecting the Changes which the Human Skeleton Undergoes at Different Periods of Life; and the Deformities to which it is subject during its Development.	W. WALLACE.	{ S. XIII. 129 S. XIII. 153	{ Feb. 22, } 1819. June 28, }
Small Stars.			
An Account of Some Observations made with a View to Ascertain whether Magnifying Power or Aperture Contributes most to the Discerning Small Stars in the Day.	H. USSHER.	S. II. 37	Feb. 2, 1788.
Solar Nutation.			
The Quantity of Solar Nutation as Affecting the North Polar Distances of the Fixed Stars; Deduced from Observation, and the Application of this Determination to confirm the Conclusions relative to the Parallaxes of certain Fixed Stars.	J. BRINKLEY.	S. XIV. 5	April 1, 1822.
Space and Duration.			
On Space and Duration.	R. KIRWAN.	S. X. 189	March 4, 1805.
Specific Heats of the Gases.			
Upon a New Method of Investigating the Specific Heats of the Gases.	J. APJOHN.	S. XVIII. 1	March 16, 1837.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Specula. Observations on the Metallic Composition for the Specula of Reflecting Telescopes, and the manner of Casting them; also a Method of Communicating to them any particular Conoidal Figure; with an Attempt to Explain, on Scientific Principles, the Grounds of each Process; and Occasional Remarks on the Construction of Telescopes.	J. LITTLE.	S. X. 119	Feb. 4, 1805.
Sphere. On Determining Innumerable Portions of a Sphere, the Solidities and Spherical Surfaces of which Portions are at the same time Algebraically Assignable.	J. BRINKLEY.	S. VIII. 613	Nov. 2, 1801.
Spherical Errors. Demonstration of Newton's Theorem for the Correction of Spherical Errors in the Object Glasses of Telescopes.	M. YOUNG.	S. IV. 171	Dec. 3, 1791.
Spheroids. On a Difficulty in the Theory of the Attraction of Spheroids.	J. MAC CULLAGH.	S. XVII. 237	May 28, 1832.
Spine. Observations on Curvatures of the Spine.	J. MACARTNEY.	S. XIII. 13	May 19, 1817.
Spleen. Case of an Enlarged Spleen.	G. BURROWES.	S. IV. 183	June 2, 1792.
Sponge. On a New Genus and Species of Sponge with Supposed Heteromorphic Zooids.	E. P. WRIGHT.	S. XXVIII. 13	Nov. 10, 1879.
Spouting Fluids. An Enquiry into the Different Modes of Demonstration by which the Velocity of Spouting Fluids has been Investigated <i>a priori</i> .	M. YOUNG.	S. II. 81	March 1, 1788.
Stage. An Historical Essay on the Irish Stage.	J. C. WALKER.	A. II. 75	May 3, 1789.
Staique Fort. Description of a Remarkable Building on the North Side of Kenmare River, commonly called Staique Fort.	F. C. BLAND.	A. XIV. 17	Nov. 10, 1821.
Steam Engine. Description of a Steam Engine.	J. COOKE.	S. III. 113	Feb. 7, 1789.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Stele. On the Egyptian Stele or Tablet.	E. HINCKS.	P.L. XIX. 49	June 28, 1841.
Stomach. Account of a Fistulous Opening in the Stomach.	G. BURROWES.	S. IV. 177	Jan. 7, 1792.
Stowe Missal. On the Stowe Missal.	H. MACCARTHY.	P.L.A. XXVII. 185	June 8, 1885.
Stronthian. Experiments on a New Earth found near Stronthian, in Scotland.	R. KIRWAN.	S. V. 243	Jan. 9, 1794.
Style in Writing. On Style in Writing, Considered with Respect to Thoughts and Sentiments as well as Words, and Indicating the Writer's Peculiar and Characteristic Disposition, Habits, and Powers of Mind.	R. BURROWES.	P.L. V. 39	May 11, 1793.
Sublime. An Essay on the Origin and Nature of Our Idea of the Sublime.	G. MILLER.	P.L. V. 17	July 13, 1793.
Sublimity of Writing. An Essay on Sublimity of Writing.	R. STACK.	P.L. I. 3	Feb. 13, 1786.
Suetonius. The Comparative Authenticity of Tacitus and Suetonius, Illustrated by the Question—"Whether Nero was the Author of the Memorable Conflagration at Rome."	A. BROWNE.	P.L. V. 3	June 8, 1793.
Sulphur. Observations and Experiments Undertaken with a View to Determine the Quantity of Sulphur contained in Sulphuric Acid; and of this Latter contained in Sulphates in General.	R. CHENEVIX.	S. VIII. 233	May 4, 1801.
Sulphureous Medicinal Water. A Method of Preparing a Sulphureous Medicinal Water.	E. KENNEY.	S. V. 83	April 6, 1793.
Sun. Eclipse of the Sun, June 3rd, 1788.	H. USSHER.	S. II. 187	Dec. 1, 1788.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Sundial. On a Moveable Horizontal Sundial, capable of Indicating Apparent Solar Time within a Small Fraction of a Minute.	M. DONOVAN.	S. XXIV. 17	Feb. 23, 1857.
Sunheat. New Researches on Sunheat and Terrestrial Radiation; and on Geological Climates.	S. HAUGHTON.	S. XXVIII. 47	Jan. 10, 1881.
New Researches on Sunheat, Terrestrial Radiation, &c.	S. HAUGHTON.	{ Cunningham } { Memoirs, No. 3. }	Nov. 9, 1886.
Surveying. Extract from a Paper on Surveying.	T. MEAGHER.	S. V. 325	—
Surveys. On Manuscript Mapped and other Townland Surveys in Ireland of a Public Character, embracing the Gross, Civil, and Down Surveys from 1640 to 1688.	W. H. HARDINGE.	A. XXIV. 3	{ Nov. 10, } { Nov. 29, } 1862.
A Concluding Memoir on Manuscript Mapped and other Townland Surveys in Ireland from 1688 to 1864.	W. H. HARDINGE.	A. XXIV. 265	Dec. 12, 1864.
Swastika. On the Croix Gammée, or Swastika.	C. GRAVES.	P.L.A. XXVII. 41	May 13, 1878.
Syriac MS. On a Syriac MS. belonging to the Collection of Archbishop Usher.	J. GWYNN	P.L.A. XXVII. 269	May 10, 1886.
Table-Book. Remarks on Some Fragments of an Ancient Waxed Table-Book, Found in a Bog at Maghera, County of Derry, and Presented to the Royal Irish Academy by the Rev. J. Spencer Knox, A.M.	J. H. TODD.	A. 'XXI. 3	May 26, 1846.
Tacitus. The Comparative Authenticity of Tacitus and Suetonius, Illustrated by the Question—"Whether Nero was the Author of the Memorable Conflagration at Rome."	A. BROWNE.	P.L. V. 3	June 8, 1793.
Tara Hill. On the History and Antiquities of Tara Hill.	G. PETRIE.	A. XVIII. 25	{ April 24, } { May 8, } { May 22, } 1837.
Telegraph. (See Conveying Intelligence.) Supplement to Mr. Edgeworth's Essay upon the Telegraph.	— EDGEWORTH.	S. VI. 313	Dec. 3, 1796.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Temperature.			
An Account of Experiments made to Determine the Temperature of the Earth's Surface in the Kingdom of Ireland in the Year 1788.	W. HAMILTON.	S. II. 143	Dec. 6, 1788.
On the Distribution of Temperature in the Lower Region of the Earth's Atmosphere.	H. HENNESSY.	S. XXIV. 371	Jan. 14, 1867.
Attempt to Deduce the General Laws of the Variations of Temperature at the Earth's Surface from those of Solar and Terrestrial Radiation.	H. LLOYD.	S. XXVI. 465	June 24, 1878.
Tempest.			
Observations on the First Act of Shakespear's <i>Tempest</i> .	• • •	P.L. II. 39	March 10, 1788.
Terebenes.			
Contributions to the History of the Terebenes. (On Colophonine and Colophonie Hydrate.)	C. R. C. TICHBORNE.	S. XXIV. 579	Jan. 11, 1869.
Terrestrial Radiation. (<i>See Sunheat.</i>)			
Testimony.			
On the Force of Testimony in Establishing Facts Contrary to Analogy.	M. YOUNG.	S. VII. 79	Feb. 3, 1798.
Testis.			
On the Intertubular Tissue of the Mammalian Testis.	R. J. HARVEY.	S. XXVI. 31	June 28, 1875.
Tetraspores.			
On the Formation of the So-Called "Siphons"; and on the Development of the Tetraspores in Polysiphonia.	E. P. WRIGHT.	S. XXVI. 611	April 8, 1878.
Thermometer.			
Journal of the Thermometer, Hygrometer, Barometer, Winds, and Rains, kept at Windsor, Nova Scotia.	W. COCHRAN.	S. IX. 133	—
Thin Plates.			
On the Light Reflected and Transmitted by Thin Plates.	H. LLOYD.	S. XXIV. 3	April 11, 1859.
Tidal Observations.			
Discussion of Tidal Observations made by Direction of the Royal Irish Academy, 1850-51.	S. HAUGHTON.	S. XXIII. 35	April 24, 1854.
Tide.			
On the Semidiurnal Tide at Cahirciveen, Deduced from the Academy Observations of the Coasts of Ireland.	S. HAUGHTON.	S. XXIV. 195	April 25, 1864.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
<p>Tides.</p> <p>On the Semidiurnal Tides of the Coasts of Ireland, Deduced from the Academy Observations.</p> <p>(See Semi-Diurnal Tides.)</p>	S. HAUGHTON.	S. XXIV. 253	Feb. 26, 1866.
<p>Tragedy.</p> <p>Reflections on the Choice of Subjects for Tragedy among the Greek Writers.</p> <p>On the Choice of Subjects for Tragedy.</p>	W. PRESTON. W. PRESTON.	P.L. VI. 13 P.L. VIII. 3	May 14, 1796. Jan. 11, 1800.
<p>Transit Instrument.</p> <p>An Account of a New Method of Illuminating the Wires and Regulating the Position of the Transit Instrument.</p>	H. USSHER.	S. II. 13	1787.
<p>Trap Rocks.</p> <p>On a Hitherto Unobserved Structure Discovered in certain Trap Rocks in the County of Galway.</p>	R. MALLET.	S. XVIII. 75	April 10, 1837.
<p>Trepanning.</p> <p>Description of an Instrument for Performing the Operation of Trepanning the Skull with more Ease, Safety, and Expedition than those now in General Use.</p>	S. C. KING.	S. IV. 119	May 7, 1791.
<p>Trephine.</p> <p>An Attempt to Determine with Precision such Injuries of the Head as Necessarily Require the Operation of the Trephine.</p>	S. O'HALLORAN.	S. IV. 161	—
<p>Triangle.</p> <p>On Three Circles Related to a Triangle.</p>	W. S. M'CAY.	S. XXVIII. 453	May 11, 1865.
<p>Trigonometrical Theorems.</p> <p>General Demonstrations of the Theorems for the Sines and Cosines of Multiple Circular Arcs, and also of the Theorems for expressing the Powers of Sines and Cosines by the Sines and Cosines of Multiple Arcs; to which is added a Theorem by help whereof the same Method may be Applied to Demonstrate the Properties of Multiple Hyperbolic Areas.</p>	J. BRINKLEY.	S. VII. 27	May 6, 1797.
<p>Trumpets.</p> <p>An Account of Three Metal Trumpets Found in the County of Limerick in the Year 1787</p> <p>An Account of Some Ancient Trumpets Dug up in a Bog near Armagh.</p>	R. OUSELEY. A. BROWNE.	A. II. 3 A. VIII. 11	March 29, 1788. Dec. 21, 1800.

70 *Alphabetical List of Papers published in the Transactions, &c., of the Royal Irish Academy.*

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Tunicata. On the Homology of the Organs of the Tunicata and the Polyzoa.	G. J. ALLMAN.	S. XXII. 275	Jan. 26, 1852.
Turf Ashes. Analysis of Turf Ashes.	EARL OF CHARLEVILLE.	S. VIII. 135	Nov. 23, 1799.
Urn. Account of an Ancient Urn Found in the Parish of Kilranelagh, in the County of Wicklow.	T. GREEN.	A. I. 161	— 1787.
Variable Quantity. A Method of Expressing, when Possible, the Value of One Variable Quantity in Integral Powers of Another, and Constant Quantities having Given Equations expressing the Relation of these Variable Quantities; in which is contained the General Doctrine of Reversion of Series, of Approximating to the Roots of Equations, and of the Solution of Fluxional Equations by Series. On the Manner in which Algebraic Functions of the Principal Variable are in Certain Cases introduced into the Integrals of Linear Differential Equations that have Constant Co-efficients.	J. BRINKLEY. E. HINCKS.	S. VII. 321 S. XIII. 115	Nov. 3, 1798. March 16, 1818.
Velocity. Remarks on the Velocity with which Fluids Issue from Apertures in the Vessels which Contain them.	M. YOUNG.	S. VII. 53	Jan. 20, 1798.
Vertebrata. On a Collection of Fossil Vertebrata from the Jarrow Colliery, Co. Kilkenny.	{ T. H. HUXLEY, E. P. WRIGHT. }	S. XXIV. 351	Jan. 8, 1866.
Vicar's Cairn. Some Account of the Vicar's Cairn in the County of Armagh, Communicated to the Committee of Antiquities in Two Letters—one from Dr. Browne, Senior Fellow of Trinity College, Dublin; the other from the Rev. John Young, Curate of Mullabrack.	{ A. BROWNE, J. YOUNG. }	A. VIII. 3	Dec. 21, 1799.
Vision. Extract of a Letter from the Rev. Charles Perceval to Robert Perceval, M.D.	C. PERCEVAL.	S. IV. 97	Dec. 4, 1790.
Vitrified Fort. Observations on Some Remains in the County of Cavan, Supposed to be those of a Vitrified Fort.	C. OTWAY.	A. XIII. 123	April 28, 1817.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Volcanic Theory.			
On the Volcanic Theory.	W. RICHARDSON.	S. X. 35	Dec. 10, 1804.
Voltaic Circles.			
On the Properties of Voltaic Circles in which Concentrated Sulphuric Acid is the Liquid Conductor.	T. ANDREWS.	S. XVIII. 149	April 9, 1838.
Vortex Rings of Air.			
Account of Experiments upon the Retardation Experienced by Vortex Rings of Air, when Moving through Air.	SIR R. S. BALL.	S. XXV. 135	Jan. 23, 1871.
Water Spout.			
An Account of a very Remarkable Water Spout which Appeared at Ramsgate July 16th, 1810.	S. VINCE.	S. XII. 39	—
Waves.			
On the Propagation of Waves.	G. J. STONEY.	S. XXIV. 37	May 28, 1860.
Wave Theory of Light.			
Geometrical Propositions applied to the Wave Theory of Light.	J. MAC CULLAGH.	S. XVII. 241	June 24, 1833.
Weather.			
Account of the Weather at Londonderry in the Year 1799.	W. PATERSON.	S. VII. 357	—
An Abstract of Observations of the Weather in 1798.	H. EDGEWORTH.	S. VII. 317	—
State of the Weather in Dublin from the 1st June, 1791, to 1st June, 1793.	R. KIRWAN.	S. V. 39	—
Synoptical View of the State of the Weather in Dublin.	R. KIRWAN.	S. VI. 169	Jan. 9, 1796.
" " " " " " in 1796.	R. KIRWAN.	S. VI. 309	—
" " " " " " 1797.	R. KIRWAN.	S. VI. 435	—
" " " " " " 1798.	R. KIRWAN.	S. VII. 316	—
" " " " " " 1799.	R. KIRWAN.	S. VII. 359	—
" " " " " " 1800.	R. KIRWAN.	S. VIII. 203	—
" " " " " " 1801.	R. KIRWAN.	S. VIII. 509	—
" " " " " " 1802.	R. KIRWAN.	S. X. 31	Jan. 2, 1804.
" " " " " " 1803.	R. KIRWAN.	S. X. 33	Jan. 2, 1804.
" " " " " " 1804.	R. KIRWAN.	S. X. 189	Feb. 11, 1805.

TITLE OF PAPER.	AUTHOR.	SERIES, VOLUME, AND PAGE.	READ.
Wheel Carriages. An Account of Some Experiments on Wheel Carriages.	R. L. EDGEWORTH.	S. II. 73	March 1, 1788.
Whitehaven Coal Works. Observations and Enquiries Concerning the Coal Works at Whitehaven, in the County of Cumberland, made in the Year 1793.	J. FISHER.	S. V. 266	Dec. 7, 1793.
Whynn Dykes. Account of the Whynn Dykes in the Neighbourhood of the Giant's Causeway, Ballycastle, and Belfast, in a Letter to the Lord Bishop of Dromore.	W. RICHARDSON.	S. IX. 21	April 12, 1802.
Woollen Manufacture. The Antiquity of the Woollen Manufacture in Ireland, Proved from a Passage of an Ancient Florentine Poet.	EARL OF CHARLEMONT.	A. I. 17	Feb. 20, 1786.
Worms. History of a Case in which very Uncommon Worms were Discharged from the Stomach; with Observations Thereon.	S. CRUMPE.	S. VI. 57	Dec. 6, 1794.
Writing from Right to Left. Conjectures on the Origin of the Oriental Practice of Writing from Right to Left, deduced from a Consideration of the Names and Forms of the Hebrew Characters.	W. S. SANKEY.	A. XIII. 161	April 26, 1819.
Years and Cycles. On the Years and Cycles Used by the Ancient Egyptians.	E. HINCKS.	P.L. XVIII. 163	April 9, 1838.
Years and Months. On the Various Years and Months in Use among the Egyptians.	E. HINCKS.	P.L. XXIV. 25	June 26, 1865.
Zero. On Differences and Differentials of Functions of Zero.	SIR W. R. HAMILTON.	S. XVII. 235	June 13, 1831.
Ziphius sowerbyi. Ziphius sowerbyi (Mesoplodon sowerbiensis, Van Beneden).	W. ANDREWS.	S. XXIV. 429	April 8, 1867.

APPENDIX.



[A.]—PRESIDENTS and other OFFICERS of the ROYAL IRISH ACADEMY,
from 1785 to 1887.

I.—PRESIDENTS.

II.—TREASURERS.

III.—SECRETARIES OF THE ACADEMY.

IV.—SECRETARIES OF THE COUNCIL.

V.—LIBRARIANS.

VI.—SECRETARIES OF FOREIGN CORRESPONDENCE.

[B.]—NAMES of PERSONS to whom the CUNNINGHAM GOLD MEDALS
have been awarded.

APPENDIX.

[A.]

PRESIDENTS and other OFFICERS of the ROYAL IRISH ACADEMY, from
1785 to 1887.

I.—PRESIDENTS.

NAME.	ELECTED.	
*RIGHT HON. THE EARL OF CHARLEMONT, LL. D., F. R. S.,	May 2, 1785.	Died, 1799.
*RICHARD KIRWAN, LL. D., F. R. S.,	October 26, 1799.	„ 1812.
RIGHT HON. THE EARL OF CHARLEVILLE,	June 22, 1812.	„ 1835.
RIGHT REV. JOHN BRINKLEY, D. D., F. R. S. (),	March 16, 1822.	„ 1835.
*REV. BARTHOLOMEW LLOYD, D. D. (†),	November 9, 1835.	„ 1837.
SIR WILLIAM ROWAN HAMILTON, LL. D., D. C. L. (‡),	December 11, 1837.	„ 1865.
REV. HUMPHREY LLOYD, D. D., F. R. S. (‡),	March 16, 1846.	„ 1881.
REV. THOMAS ROMNEY ROBINSON, D. D., F. R. S.,	March 15, 1851.	„ 1882.
REV. JAMES HENTHORN TODD, D. D.,	March 15, 1856.	„ 1869.
RIGHT REV. CHARLES GRAVES, D. D., F. R. S. (‡),	March 16, 1861.	—
RIGHT HON. LORD TALBOT DE MALAHIDE, LL. D., F. R. S.,	March 16, 1866.	„ 1883.
REV. JOHN HEWITT JELLETT, D. D. (†),	November 30, 1869.	—
WILLIAM STOKES, M. D., LL. D., D. C. L., F. R. S.,	March 16, 1874.	„ 1878.
SIR ROBERT KANE, M. D., LL. D., F. R. S. (‡),	March 16, 1877.	—
*SIR SAMUEL FERGUSON, LL. D., Q. C.,	March 16, 1882.	„ 1886.
REV. SAMUEL HAUGHTON, M. D., D. C. L., LL. D., F. R. S.,	November 8, 1886.	—

* Died while President of the Academy.

(*) Bishop of Cloyne, 1829.

(†) Provost of Trinity College, Dublin, 1831.

(‡) Astronomer Royal for Ireland.

(§) Provost of Trinity College, Dublin, 1867.

(*) Dean of the Chapel Royal, Dublin, 1860; Bishop of Limerick, 1866.

(†) Provost of Trinity College, 1881.

(‡) President of Queen's College, Cork, 1860-1873.

II.—TREASURERS.

NAME.	ELECTED.	
RIGHT HON. WILLIAM BURTON CONYNGHAM, M. P.,	May 2, 1785.	Died, 1796.
COLONEL JAMES BLAQUIERE,	November 5, 1796.	—
ROBERT SHAW,	March 16, 1803.	—
SAMUEL GUINNESS,	May 12, 1806.	—
COLONEL HUGH HILL,	May 29, 1806.	—
REV. THOMAS PRIOR, D. D. (*),	March 16, 1810.	Died, 1843.
WILLIAM BROOKE, M. D.,	March 15, 1817.	,, 1829.
THOMAS HERBERT ORPEN, M. D.,	July 27, 1829.	,, 1846.
AQUILLA SMITH, M. D.,	November 30, 1841.	—
JAMES PIM,	March 16, 1842.	Died, 1856.
ROBERT BALL, LL. D.,	April 8, 1844.	,, 1857.
REV. JOSEPH CARSON, D. D., F. T. C. D.,	April 27, 1857.	—
WILLIAM HENRY HARDINGE,	May 27, 1867.	Died, 1871.
JOHN RIBTON GARSTIN, M. A.,	March 16, 1871.	—
REV. MAXWELL HENRY CLOSE, M. A.,	November 30, 1878.	—

(*) Vice-Provost of Trinity College, Dublin, 1840.

III.—SECRETARIES OF THE ACADEMY.*

NAME.	ELECTED.	
ROBERT PERCEVAL, M. D.,	May 2, 1785.	Died, 1839.
REV. JOHN STACK, M. A., F. T. C. D.,	March 16, 1789.	„ 1813.
WILLIAM JAMES M'NEVIN, M. D.,	June 11, 1791.	„ 1841.
REV. GEORGE HALL, D. D. ^(a) ,	March, 16, 1792.	„ 1811.
REV. ROBERT BURROWES, D. D., F. T. C. D.,	March 15, 1794.	„ 1841.
REV. THOMAS ELBRINGTON, D. D. ^(b) ,	March 16, 1796.	„ 1835.
REV. GEORGE MILLER, D. D., F. T. C. D.,	March 15, 1802.	„ 1848.
WILLIAM PRESTON,	March 16, 1805.	„ 1807.
REV. WILLIAM DAVENPORT, D. D., F. T. C. D.,	February 23, 1807.	„ 1824.
RIGHT HON. AND MOST REV. JOSEPH HENDERSON SINGER, D. D. ^(c) ,	March 16, 1816.	„ 1866.
JAMES MAC CULLAGH, LL. D., F. T. C. D.,	May 9, 1842.	„ 1847.
REV. JAMES HENTHORN TODD, D. D., F. T. C. D. ^(d) ,	March 16, 1846.	„ 1869.
RIGHT REV. CHARLES GRAVES, D. D., F. R. S. ^(e) ,	March 18, 1856.	—
RIGHT REV. WILLIAM REEVES, M. B., D. D. ^(f) ,	March 16, 1861.	—
WILLIAM KIRBY SULLIVAN, PR. D. ^(g) ,	March 16, 1867.	—
EDWARD PERCEVAL WRIGHT, M. A., M. D.,	March 16, 1874.	—
SIR ROBERT STAWELL BALL, LL. D., F. R. S. ^(h) ,	June 26, 1877.	—
ALEXANDER MACALISTER, M. D., F. R. S.,	June 28, 1880.	—
EDWARD PERCEVAL WRIGHT, M. A., M. D.,	November 30, 1883.	—

* By the Charter [enrolled January 28, 1786], Robert Perceval, Doctor of Physic, was declared “to be the first and modern Secretary to the Academy.” A Resolution was passed by the Academy, on November 23, 1799: “That there shall be two Secretaries of the Royal Irish Academy, who shall attend all Meetings of the Academy and Council.” See “SECRETARIES OF THE COUNCIL.”

(a) Provost of Trinity College, Dublin, 1806; Bishop of Dromore, 1811.

(b) Provost of Trinity College, 1811.

(c) Bishop of Meath, 1852.

(d) President of the Academy, 1856-1861.

(e) Bishop of Limerick, 1866; President of the Academy, 1861-1866.

(f) Dean of Armagh, 1875; Bishop of Down, Connor, and Dromore, 1886.

(g) President of Queen's College, Cork, 1873.

(h) Astronomer Royal for Ireland.

IV.—SECRETARIES OF THE COUNCIL.*

NAME.	ELECTED.	
REV. GEORGE MILLER, D. D., F. T. C. D.,	March 15, 1800.	Died, 1848.
WILLIAM PRESTON,	March 16, 1802.	„ 1807.
REV. WALTER STEPHENS,	March 16, 1805.	—
REV. WILLIAM DAVENPORT, M. A., F. T. C. D.,	March 15, 1806.	Died, 1824.
RIGHT REV. SAMUEL KYLE, D. D.(*)	February 23, 1807.	„ 1848.
RIGHT HON. AND MOST REV. JOSEPH HENDERSON SINGER, D. D., F. T. C. D.(*)	March 16, 1814.	„ 1866.
REV. FRANC SADLEIR, D. D.(*)	March 16, 1816.	„ 1851.
REV. RICHARD MACDONNELL, D. D.(*)	July 27, 1829.	„ 1867.
REV. HUMPHREY LLOYD, D. D., F. R. S.,(*)	March 16, 1838.	„ 1881.
JAMES MACCULLAGH, LL. D., F. T. C. D.,	March 16, 1840.	„ 1847.
SIR ROBERT KANE, M. D., F. R. S.,	May 9, 1842.	—
RIGHT REV. CHARLES GRAVES, D. D., F. R. S.(*)	March 16, 1846.	—
REV. JOHN HEWITT JELLETT, D. D.(*)	March 16, 1854.	—
JOHN KELLS INGRAM, LL. D.,	February 13, 1860.	—
ROBERT ATKINSON, LL. D.,	March 16, 1878.	—

* A Resolution was passed by the Academy on November 23, 1799: "That there shall be two Secretaries of the Royal Irish Academy, who shall attend all Meetings of the Academy and Council." See "SECRETARIES OF THE ACADEMY."

(*) Provost of Trinity College, Dublin; Bishop of Cork, 1831.

(b) Bishop of Meath, 1852.

(c) Provost of Trinity College, Dublin, 1837.

(d) Provost of Trinity College, Dublin, 1852.

(e) Provost of Trinity College, Dublin, 1867.

(f) Bishop of Limerick, 1866.

(g) Provost of Trinity College, 1881.

V.—LIBRARIANS.

NAME.	ELECTED.	
REV. DANIEL AUGUSTUS BEAUFORT, LL. D.,	March 15, 1788.	Died, 1831.
RICHARD KIRWAN, LL. D., F. R. S. ^(*) ,	March 16, 1791.	„ 1812.
REV. WILLIAM DAVENPORT, M. A., F. T. C. D.,	March 15, 1800.	„ 1824.
REV. WALTER STEPHENS,	March 15, 1806.	—
REV. THOMAS PRIOR, D. D. ^(b) ,	December 19, 1808.	Died, 1843.
WILLIAM BROOKE, M. D.,	March 16, 1810.	—
REV. THOMAS ROMNEY ROBINSON, M. A., F. T. C. D., F. R. S. ^(c) ,	March 16, 1817.	Died, 1882.
REV. WILLIAM HAMILTON DRUMMOND, D. D.,	March 16, 1822.	„ 1866.
JOHN THOMAS GILBERT,	March 16, 1861.	—
ROBERT ATKINSON, LL. D.	March 16, 1876.	—
JOHN THOMAS GILBERT,	March 16, 1878.	—
WILLIAM FRAZER, F. R. C. S. I.,	March 16, 1887.	—

(*) President of the Academy, 1799-1812.

(b) Vice-Provost, Trinity College, Dublin, 1840.

(c) President of the Academy, 1851-1856.

VI.—SECRETARIES OF FOREIGN CORRESPONDENCE.

NAME.	ELUCID.	
REV. HENRY USSHER, D. D., F. T. C. D.,	May 2, 1785.	Died, 1790.
REV. GEORGE GRAYDON, LL. B.,	June 26, 1790.	—
ROBERT PERCEVAL, M. D.,	March 16, 1791.	Died March, 1839.
REV. GEORGE GRAYDON, LL. B.,	March 16, 1792.	—
COLONEL HUGH HILL,	March 16, 1803.	—
COLONEL EDWARD HILL,	March 16, 1811.	—
SIR WILLIAM BETHAM,	November 29, 1828.	Died, 1853.
JAMES MACCULLAGH, LL. D., F. T. C. D.,	May 27, 1839.	„ 1847.
REV. HUMPHREY LLOYD, D. D., F. R. S. (*),	March 16, 1840.	„ 1881.
RIGHT HON. AND MOST REV. SAMUEL BUTCHER, M. A.,	March 16, 1846.	„ 1876.
SIR WILLIAM ROBERT WILLS WILDE,	March 16, 1856.	„ 1876.
RIGHT HON. AND MOST REV. SAMUEL BUTCHER, D. D.,	December 13, 1858.	„ 1876.
SIR WILLIAM ROBERT WILLS WILDE, M. D.,	March 16, 1864.	„ 1876.
ROBERT M'DONNELL, M. D., F. R. S.,	March 16, 1874.	—
WILLIAM ARCHER, F. R. S.,	March 16, 1875.	—
JOSEPH P. O'REILLY,	March 16, 1879.	—

(*) Provost of Trinity College, Dublin, 1867; President of the Academy, 1846-1851.

[B.]

NAMES of PERSONS to whom the CUNNINGHAM GOLD MEDALS
have been awarded.

YEAR.	NAME.	YEAR.	NAME.
1796	THOMAS WALLACE.	1858	GEORGE SALMON.
1800	THEOPHILUS SWIFT.	1858	CHARLES WILLIAM WALL.
1805	WILLIAM PRESTON.	1858	WILLIAM REEVES (BISHOP OF DOWN AND CONNOR).
1818	JOHN BRINKLEY (BISHOP OF CLOYNE).	1862	HUMPHREY LLOYD.
1827	JOHN D'ALTON.	1862	ROBERT MALET.
1830	GEORGE PETRIE.	1862	WHITLEY STOKES.
1833	GEORGE PETRIE.	1862	JOHN THOMAS GILBERT.
1834	SIR WILLIAM ROWAN HAMILTON.	1873	SIR WILLIAM ROBERT WILLS WILDE.
1838	JAMES MAC CULLAGH.	1878	AQUILLA SMITH.
1839	JAMES APJOHN.	1878	JOHN CASEY.
1839	GEORGE PETRIE.	1878	EDWARD DOWDEN.
1843	SIR ROBERT KANE.	1878	GEORGE JAMES ALLMAN.
1848	SIR WILLIAM ROWAN HAMILTON.	1879	WILLIAM ARCHER.
1848	SAMUEL HAUGHTON.	1879	SIR ROBERT STAWELL BALL.
1848	EDWARD HINCKS.	1881	SIR HOWARD GRUBB.
1848	JOHN O'DONOVAN.	1883	EDWARD PERCEVAL WRIGHT.
1851	JOHN HEWITT JELLETT.	1884	JOHN BIRMINGHAM.
1858	EDWARD J. COOPER.	1886	JOHN CHRISTIAN MALET.

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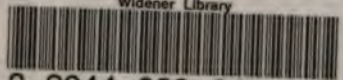
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