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The Plu[e]cker letters fonds. -- 1824-1963. -- .72 m of textual records

19th century German physicist Julius Pluecker. He was the great uncle of Otto Maass, who was a longtime professor of physical chemistry at McGill University. Mr. Maass was also a member of the committee of the Privy Council on Scientific and Industrial Research at the NRC, and had been appointed in 1940 as special assistant to the President of the NRC. Professor Pluecker was a Foreign Member of the Royal Society and was born July 16, 1801 at Elberfeld Wuppertal, Germany and died May 22, 1868 at Bonn. He studied in the Gymnasium of Dusseldorf, and in the Universities of Bonn, Berlin, and Heidelberg. In 1825 he became a Privatdocent of Mathematics in Bonn. In October 1828 he was appointed Professor extraordinarius in that University. In 1833 he went to Berlin in that capacity. He also lectured in the Friedrich-Wilhelm's Gymnasium. In 1834 he obtained the Professorship of Mathematics in the University of Halle. In 1836 he was appointed Professor of Mathematics in the University of Bonn. He wrote treatises and memoirs on Analytical Geometry which secured him a place among the first mathematicians of his time. He turned his attention to experimental research and in 1847 was appointed to the Professorship of Physics. Noted discovery was magnecrystallic action. He took active part in the management of the University, was twice Rector, frequently Dean of the Faculty of Philosophy, and for many years a Member of the Academic Senate and the Examination Commission. He was a Member of the Academies of Munich, Haarlem Rotterdam, Lund, and Upsala, of the Societe royale de Liege, Societe des Sciences Naturelles de Cherbourg, Societe Philomathique of Paris, Member of the Institute, of the Academies of Vienna, Gottingen, and the Physikalische Verein of Frankfort. He was elected as Foreign Member of the Royal Society in 1855. Awarded The Copley Medal for the year 1866 for his researches in Analytical Geometry, Magnetism, and Spectral Analysis. He was author of numerous papers and was published in various journals.

Fonds consists of 60 series of correspondence. It includes letters from prominent scientists; draft letters by Pluecker; and, letters from Pluecker to his wife

Title taken from content. It is a German surname and has two dots over the u. To translate to English an e is added to the name

Gift from Otto Maass in 1959 to Dr. E.W.R. Steacie (President, NRC, 1952-1962)

Fonds was arranged into six volumes, identified as The Pluecker Letters and arranged by language. Vol. 1A and 1B are in English, Vol. 2A and 2B are in French, and Vol. 3A, 3B, 4, 5, and 6 are in German. Vol. 1A is missing items numbered 90-99

Detailed finding aid is available; item level control for volumes 1A and 1B; volumes 2-6 series level control

Fonds is closed, no further accruals are expected

General material designation [GMD] is not used. Dimensions are given at item level. This option is exercised as an exception for this fonds description only

Bibliography. -- 1838-1977. -- 17 items

Series consists of two published bibliographic articles and unpublished correspondence

Title taken from content

Accompanying material is included in the form of index cards translated from German to English. These will be left with the working copy of the letters

Series is predominantly English but has German content

Finding Aid: **Vol. 1A**

Science Forum 58 / J. D. Babbitt. -- Ottawa [etc.] : Quebec Science [etc.], August 1977. -- 1 item ; 28 x 22 cm

Item is a magazine article of a letter commenting on an article written by Dr. J.A. Morrison. The article is a criticism of Science Forum's lack of interest in other sources such as Dr. E.W.R. Steacie's (President NRC) lectures. It points out Dr. Morrison's omissions of references to Julius Pluecker and mentions the 1977 location of the Pluecker letters

Article is a publication copy. Place and name of publisher is followed by [etc.] meaning "in other places", when translated relates to rotational publication areas

Finding Aid: **Vol. 1A Biography Item #1**; Box 1/6

Otto Maass 1890-1961 / E. A. Flood. -- [S.l.] : Biographical Memoirs of Fellows of The Royal Society, Volume 9, Nov. 1963 (London : Headley Brothers Ltd.). -- 1 v. (12 p.) ; 25 x 35 cm

Item is a biography of Otto Maass, great-nephew to Julius Pluecker
Conservation was performed for storage i.e. removal of staples and unfolded from 25 x 17 cm

Finding Aid: **Vol. 1A Biography Item #2**; Box 1/6

Letter to Dr. E.W.R. Steacie. -- 30 Sept. 1959. -- 1 item (2 p.) : tissue, typewritten with carbon ink ; 28 x 22 cm

Item is a copy of a letter sent to Dr. Steacie and is assumed to be from Otto Maass because of mention of son Colin, who is identified in the biography of Otto Maass. Letter donates the Julius Pluecker letters as a gift to Dr. Steacie

Title taken from content of letter

Finding Aid: **Vol. 1A Biography Item #3**; Box 1/6

Letter to Fran Sophie Maass / K. Universitäts-Bibliothek. -- 8 Aug.
1903. -- 1 item : handwritten ; 29 x 23 cm

Item is a letter sending Pluecker's handwritten material in three packages
Title taken from content
An index card with English translated summary accompanies letter
Item is written in German
Finding Aid: **Vol. 1A Biography Item #4**; Box 1/6

Family tree of Pluecker and Maass / Kaiser-Wilhelm-Institut. -- 5 Jun.
1931- 15 Oct. 1931. -- 1 item (7 p.) : typewritten ; 29 x 23 cm or smaller

Item is a letter with information about the family tree for Julius Pluecker
and Otto Maass
Title taken from content
Pages numbered 1-3 were clipped with a metal fastener which was
removed and is kept in an envelope attached to storage file
An index card with English translated summary accompanies letter
Written in German
Finding Aid: **Vol. 1A Biography Item #5**; Box 1/6

Athenoeum, Pall Mall / J. L. Webster, Secretary. -- 13 Apr. 1838. --
1 item : preprinted, ink on paper, logo ; 26 x 41 cm folded to 26 x 21 cm

Item is an invitation for Dr. Pluecker to come to London (England)
for a two month visit to the Club
Written in English
Finding Aid: **Vol. 1A Biography Item #6**; Box 1/6

The Athenoeum, Pall Mall, S.W. / N. R. Udall, Secretary. -- 20 Apr.
1951. -- 1 item : preprinted, ink on paper, logo ; 26 x 41 cm folded to 26 x
21 cm

Item is an invitation to Professor Otto Maass to visit the club during
his stay and gives him an Honorary Membership to the club. Includes extracts
of the rules and regulations for the Club
Written in English
Finding Aid: **Vol. 1A Biography Item #7**; Box 1/6

Diploma / Royal Bavarian Academy of Sciences. -- 28 Nov. 1859. --
1 item : ink on paper, logo ; 29 x 46 cm folded to 29 x 23 cm

Item is a college diploma for Dr. Pluecker
Title taken from contents
Accompanying index card translating title to English
Written in German
Finding Aid: **Vol. 1A Biography Item #8**; Box 1/6

British Association for the advancement of Science / Grantham M.
Yorke, Chairman of the Committee. -- 11 Aug. 1849. -- 1 item : ink on paper ;
25 x 40 cm folded to 25 x 20 cm

Item is a letter of invitation to Herr Pluecker to attend a meeting in
Birmingham on September 12, 1849
Letter is accompanied by an index card describing content
Written in English
Finding Aid: **Vol. 1A Biography Item #9**; Box 1/6

British Association for the advancement of Science / Joseph Dickins
MD and Thomas Iwman MD, Local Secretaries. -- 1854. -- 1 item : ink on
paper ; 21 x 25 cm folded to 21 x 12 cm

Item is a letter requesting Herr Pluecker's attendance at the Liverpool
Reception Committee's next meeting 20 September 1854
Written in English
Finding Aid: **Vol. 1A Biography Item #10**; Box 1/6

British Association for the advancement of Science / Andrew Orr, Lord
Provost ; D. Macfarlan, Principal of the University ; Allen Thomson MD,
President of Philosophical Society ; John Strang L.W.D., Thomas Anderson M.
D. and William Gourlie, Local Secretaries. -- 1 May 1855. -- 1 item : ink on
paper ; 26 x 41 cm folded to 26 x 20 cm

Item is an invitation to attend the next meeting for the Association in
Glasgow, 12 September 1855. The letter also gives a listing of members and
heads of the committee
Written in English
Finding Aid: **Vol. 1A Biography Item #11**; Box 1/6

British Association for the advancement of Science / J. Crompton,
Local Secretary. -- Mar. 1868. -- 1 item : handwritten, ink on paper ; 22 x
27 cm

Item is an invitation for Prof. Pluecker to attend the next committee
meeting in Norwich, 19 August 1868

Written in English

Finding Aid: **Vol. 1A Biography Item #12;** Box 1/6

British Association for the advancement of Science / J. Crompton, Local
Secretary. -- 18 May 1868. -- 1 item : handwritten, ink on paper ; 21 x 25
cm

Item is an query to whether or not Prof. Pluecher knows of foreign
professors who might be invited to the meeting scheduled in Norwich, 19 August
1868

Written in English

Finding Aid: **Vol. 1A Biography Item #13;** Box 1/6

Royal Institute of Great Britain / John Barlow M.A. -- 29 Jun. 1849.
-- 1 item : handwritten, ink on paper, emblem ; 18 x 22 cm

Item is a letter to Professor Pluecker inviting him to become an Honorary
Member of the Royal Institution. The letter mentions an enclosure of a list of
members, none was attached

Written in English

Finding Aid: **Vol. 1A Biography Item #14;** Box 1/6

Letter from T.G. Bonney. -- 4 Jul. 1867. -- 1 item : handwritten, ink
on paper ; 18 x 22 cm + letter sleeve

Item is a letter informing Professor Pluecker that he has been elected as an
Honorary Member of Cambridge Philosophical Society. Mentions a diploma to be
sent. Letter is written from St. John's College, Cambridge. The letter sleeve is
presumed to be penned by Pluecker

Title taken from content of letter

Written in English

Finding Aid: **Vol. 1A Biography Item #15;** Box 1/6

Biography. -- [S.l.] : Proc[eedings] Roy[al] Soc[iety], [1868 or 1869].
-- 1 item (2 p.) : typewritten ; 22 x 14 cm

Item is an article from VOL. XVII, and is a full biography of Julius Pluecker
Title taken from contents
Assumed to be from Royal Society as Professor Pluecker was an honorary member
Name of publisher and date is handwritten in ink at top of page
Written in English
Finding Aid: **Vol. 1A Biography Item #16;** Box 1/6

Biography of achievements. -- [19-?]. -- 1 item (2 p.) : photocopies ;
28 x 22 cm

Item is copied from unknown sources. First page depicts Pluecker's education, and page two lists his scientific achievements
Title taken from contents
Date of creation is known to be 20th century because of the form of item pages
Page one is in German with ink notations in English. Page two is in French, German and English
Finding Aid: **Vol. 1A Biography Item #17;** Box 1/6

Faraday correspondence. -- 1847-1863. -- 20 items

Michael Faraday was born at Newington, Surrey, England, September 22, 1791, and died in London, August 25, 1867. He was the discoverer of benzene, the inventor of the dynamo and the main architect of classical Field Theory. Faraday's scientific apprenticeship was spent as an analytical chemist, and it was in this capacity that he discovered and described benzene in 1825. It was in the field of electricity and magnetism that he did his most important work

Series consists of personal letters to Professor Pluecker discussing scientific theories, meetings, and references to Faraday's failing health

Title taken from content of series

Each item, except item number one, is accompanied by an index card, briefly outlining the content of each letter. The index cards are kept with the working copy of the fonds

The series is arranged chronologically

The letters are written in English

Detailed finding aid available; file level control; series found in **Vol. 1A**

Return to London / M. Faraday. -- 7 Apr. [18--]. -- 1 letter :
handwritten, ink on paper ; 18 x 22 cm folded to 18 x 11 cm

Item is a personal letter confirming a meeting at Faraday's house the
following Saturday. Faraday requests a reply

Title based on content of letter

Letter does not include a year

Finding Aid: **Vol. 1A Faraday Item #1**; Box 1/6

Sending heavy glass / M. Faraday. -- 11 Nov. 1867. -- 1 letter :
handwritten, ink on paper ; 25 x 20 cm

Item is a letter written from the Royal Institution. It describes the
shipment of a piece of heavy glass to Pluecker. Faraday mentions his ill health
and regrets he is unable to read Pluecker's papers as he cannot read German

Title taken from content of letter

Verso of letter gives address, postmark and original seal

Finding Aid: **Vol. 1A Faraday Item #2**; Box 1/6

Acknowledgment Pluecker's receipt of heavy glass / M. Faraday. --
2 Jun. 1848. -- 1 letter : handwritten, ink on paper ; 25 x 41 cm folded to 25 x
20 cm

Item is a letter written from the Royal Institution, London and verifies
receipt of Pluecker's letter dated 6 Feb. Refers to another letter he received and
forwarded to W. Taylor for publication in the Philosophical Magazine. Mentions
he is enclosing a sealed book. Makes a statement of "day to day my memory
grows weaker". States he is nearly 57 years of age and has worked "long hours in
my lifetime"

Title based on contents of letter

Verso gives address, postmark and original seal

Finding Aid: **Vol. 1A Faraday Item #3**; Box 1/6

Work on repulsion of optic axis of crystals / M. Faraday. -- 14 Dec.
1848 -- 1 letter : handwritten, ink on paper ; 25 x 40 cm folded to 25 x 20 cm

Item is a letter written from Brighton but dated from the Royal Institution,
London. He is at Brighton for sake of rest and health. Hopes Pluecker enjoyed
his visit to England and the British Association meeting at Swansea and talks
about his work on repulsion of optic axis

Title based on contents of letter

Verso gives address, postmark and remains of seal

Finding Aid: **Vol. 1A Faraday Item #4**; Box 1/6

Congratulations / M. Faraday. -- 23 May 1869. -- 1 letter : handwritten, ink on paper ; 25 x 40 cm folded to 25 x 20 cm

Item is a letter written from Royal Institution and is congratulating Pluecker about facts written in his paper. Mentions he is sending it to W. Taylor for publishing

Title based on contents of letter

Verso gives address, postmark and seal

Finding Aid: **Vol. 1A Faraday Item #5**; Box 1/6

Enclosed will appear in Phil. magazine / M. Faraday. -- 31 May 1849. -- 1 letter : handwritten, ink on paper ; 18 x 22 cm

Item is a letter discussing the publication of the enclosed. He notes that he has altered a word or two

Title based on contents of letter

Verso gives address, postmark and remains of seal

Finding Aid: **Vol. 1A Faraday Item #6**; Box 1/6

Discussion of experiment used to verify Pluecker's theories / M. Faraday. -- 11 Dec. 1849. -- 1 letter : handwritten, ink on paper ; 25 x 40 cm folded to 25 x 20 cm

Item is a letter written from the Royal Institution stating that although he does not understand Pluecker's theoretical views he has confirmed, by experiment, that attraction of given crystal by poles of magnet are not only dependent of exterior form but independent of optical or crystallograpical axis. Gives own views on magnetical axis. Mentions Weber

Title based on contents of letter

Small amount of foxing

Verso gives address, postmark and remains of seal

Finding Aid: **Vol. 1A Faraday Item #7**; Box 1/6

Question of diamagnetic polarity / M. Faraday. -- 8 Jan. 1850. -- 1 letter : handwritten, ink on paper ; 25 x 40 cm folded to 25 x 20 cm

Item is a letter written from the Royal Institution stating he does not want Pluecker to think "I deny all that I do not admit". Raises question of diamagnetic polarity of bismuth phosphorous. Mentions he finished a paper, on January 1, and he has sent it to the Royal Society. States his conclusions were against the polarity. Continues to discuss the experiment

Title based on contents of letter

Verso gives address, postmark and seal

Finding Aid: **Vol. 1A Faraday Item #8**; Box 1/6

Terrestrial magnetism / M. Faraday. -- 23 Nov. 1850. -- 1 letter :
handwritten, ink on paper ; 25 x 40 cm folded to 25 x 20 cm

Item is a letter written from the Royal Institution. Faraday states he "has been so engaged in researches about Terrestrial Magnetism that I have lost remembrances of other things"

Title based on contents of letter

Verso gives address, postmark and remains of seal

Finding Aid: **Vol. 1A Faraday Item #9**; Box 1/6

Magnetic character of oxygen / M. Faraday. -- 23 Jul. 1851. --
1 letter : handwritten, both sides, ink on paper ; 23 x 19 cm

Item is a letter informing Pluecker that he did not receive papers. Speaks of his paper in Philosophical and confirms and enlarges upon Pluecker's results of magnetic character of oxygen

Title based on contents of letter

Verso gives address and postmarkings

Finding Aid: **Vol. 1A Faraday Item #10**; Box 1/6

Metal wires experiment / M. Faraday. -- 27 Jan. 1854. -- 1 letter :
handwritten, ink on paper ; 23 x 37 cm folded to 23 x 19 cm

Item is a letter discussing Faraday's declining health, his current experiments and remembrances of the past. He mentions a physician and the "question of time in regard to operation of thought"

Title based on contents of letter

Verso gives address and postmarkings

Finding Aid: **Vol. 1A Faraday Item #11**; Box 1/6

Complaints of memory and health / M. Faraday. -- 19 Sep. 1854. --
1 letter : handwritten, ink on paper ; 23 x 37 cm folded to 23 x 19 cm

Item is a letter written from the Royal Institution. Faraday acknowledges papers and repeats his "cut off from German language" although he gets ideas in papers from friends. Complains of memory and health and says he is going to British Association meeting in Liverpool

Title based on contents of letter

Verso gives address, postmarkings and seal

Finding Aid: **Vol. 1A Faraday Item #12**; Box 1/6

Worsening health / M. Faraday. -- 8 Apr. 1856. -- 1 letter :
handwritten, ink on paper ; 23 x 37 cm folded to 23 x 19 cm

Item is a letter written from the Royal Institution and has a "Private" notation penned at top of first page. Faraday mentions he is suffering from weariness and giddiness in the head. Talks about the feelings between Pluecker and Tyndall and sends his regrets about the situation. Discusses Pluecker's theories but states he can not fully recall details

Title based on contents of letter

Finding Aid: **Vol. 1A Faraday Item #13**; Box 1/6

Tyndall disagreement / M. Faraday. -- 28 Mar. 1857. -- 1 letter :
handwritten, ink on paper ; 27 x 21 cm

Item is a letter written from the Royal Institution, London. First paragraph describes paper for the Royal Society. Balance of letter discusses the ongoing disagreement between Pluecker and Dr. Tyndall. Letter is incomplete and does not contain Faraday's signature

Title based on contents of letter

Paper is delicate and has several tears at edges

Finding Aid: **Vol. 1A Faraday Item #14**; Box 1/6

Stratified electric light / M. Faraday. -- 11 Jul. 1857. -- 1 letter :
handwritten, ink on paper ; 21 x 27 cm

Item is a letter written from Norfolk. Faraday again "my memory is so bad". Complains that it is nearly twelve months since he sent in paper. Mentions misunderstanding with Tyndall. Awaits Pluecker's work to do with "fundamental exploration" of the electric light

Title based on content of letter

Finding Aid: **Vol. 1A Faraday Item #15**; Box 1/6

Electric currents / M. Faraday. -- 27 Jul. 1857. -- 1 letter : handwritten,
ink on paper ; 21 x 27 cm

Item is a letter written from the Royal Institution. Mentions Tyndall in the Alps. Discusses Pluecker's experiments and includes a small diagram

Title based on content of letter

Edging has been damaged by a three hole punch

Finding Aid: **Vol. 1A Faraday Item #16**; Box 1/6

Declines Dublin invitation / M. Faraday. -- 27 Aug. 1857. -- 1 letter
: handwritten, ink on paper ; 21 x 27 cm

Item is a letter written from the Royal Institution explaining why he is
unable to attend the meeting in Dublin

Title based on content of letter

Finding Aid: **Vol. 1A Faraday Item #17**; Box 1/6

Light of the discharge in narrower tubes / M. Faraday. -- 29 Mar.
1860. -- 1 letter : handwritten, ink on paper ; 27 x 21 cm

Item is a letter dated from the Royal Institution. Faraday mentions how
writing and thinking are burdens. Discusses description of light of the discharge
in narrow tubes of the spectra

Title based on content of the letter

Letter edging is damaged and torn

Finding Aid: **Vol. 1A Faraday Item #18**; Box 1/6

Gas spectra / M. Faraday. -- 17 Sep. 1861. -- 1 letter : handwritten, ink
on paper ; 23 x 27 cm

Item is a letter dated from the Royal Institution, London. Discusses the
progressive decay of his memory and marvels at the wonderful branch of research
luminous lines has become

Title based on content of letter

Paper is yellowing

Finding Aid: **Vol. 1A Faraday Item #19**; Box 1/6

Missed visit / M. Faraday. -- 17 Sep. 1869. -- 1 letter : handwritten,
ink on paper ; 23 x 27 cm

Item is a letter dated from London. Faraday discusses his regrets in
missing a visit with Pluecker in London and comments on illness

Title based on content of letter

Paper is yellowing

Finding Aid: **Vol. 1A Faraday Item #20**; Box 1/6

Stokes correspondence. -- 1858-1866. -- 21 items

Sir George Gabriel Stokes was a British mathematician and physicist. He was born in Skreen, County Sligo, Ireland, August 13, 1819. He died at Cambridge, England, February 1, 1903. He studied the behaviour of fluids and the phenomenon of fluorescence. Developed Stokes's law of falling bodies in viscous media. In 1849 he published a paper on the variation of gravity over the Earth's surface, making him the founder of the science of geodesy. In 1852 he produced a paper on fluorescence, a name which he originated. Became secretary of the Royal Society in 1854 and held this post for thirty years, when he was elected president

Series consists of letters written by Stokes as Secretary of the Royal Society. Most discuss suggested corrections to Pluecker's papers before their publication. Some include detailed corrections to formulas

Title based on content of series

The series is arranged chronologically

Written in English

Detailed finding aid available; file level control: can be found in **Vol. 1A**

Reductive capacity / G. G. Stokes. -- 23 Aug. 1858. -- 1 letter (11 p.)
: handwritten, both sides, ink on paper ; 27 x 21 cm

Item is a letter dated from Lensfield Cottage, Cambridge (England). Stokes discusses in detail changes to Pluecker's paper. Refers to "reductive capacity of the body" and offers formulas and a diagram. Stokes mentions Paifsou's theory and Pluecker's verification of this theory

Title based on content of the letter

Pages are numbered 1 to 34

Finding Aid: **Vol. 1A Stokes Item #21**; Series Item #1 of 21, Box 1/6

Magnetic light / G. G. Stokes. -- 9 Nov. 1858. -- 1 letter :
handwritten, ink on paper ; 18 x 23 cm

Item is a letter dated on The Royal Society, Burlington House W. letterhead. Stokes is asking Pluecker for a few additional pages. States he (Stokes) is at liberty to make verbal alterations but "would not of course make any changes in the matter without consulting you (Pluecker)"

Title based on content of the letter

Finding Aid: **Vol. 1A Stokes Item #22**; Series Item #2 of 21, Box 1/6

Diamagnetic isotropic ellipsoid / G. G. Stokes. -- 18 Nov. 1858. -- 1 letter : handwritten, ink on paper ; 18 x 23 cm

Item is a letter dated on The Royal Society, Burlington House W. letterhead. Stokes discusses corrections to Pluecker's paper and comments on "molecular ellipsoids of isotropic para or diamagnetic matter"

Title based on contents of the letter

Finding Aid: **Vol. 1A Stokes Item #23**; Series Item #3 of 21; Box 1/6

Corrections to paper / G. G. Stokes. -- 24 Dec. 1858. -- 1 letter : handwritten, ink on paper ; 18 x 22 cm

Item is a letter dated at Deuver, DownLane Market. Refers to further difficulties in Pluecker's paper and details corrections

Title based on contents of letter

Finding Aid: **Vol. 1A Stokes Item #24**; Series Item #4 of 21; Box 1/6

Publication situation / G. G. Stokes. -- 30 Apr. 1850. -- 1 letter : handwritten, ink on paper ; 18 x 23 cm

Item is a letter dated from Cambridge. Stokes thanks Pluecker for papers and informs him of the situation with publication

Title based on contents of letter

Letter has embossed Royal Society seal

Finding Aid: **Vol. 1A Stokes Item #25**; Series Item #5 of 21; Box 1/6

Paper in transactions / G. G. Stokes. -- 27 May 1864. -- 1 letter (3 p.) : handwritten, both sides, ink on paper ; 20 x 25 cm

Item is a letter dated on The Royal Society, Burlington House, London. W. letterhead. Informs Pluecker that the Council of The Royal Society have ordered the paper to be printed in the Transactions (i.e. Philosophical Transactions of the Royal Society). Recommends printing plates and sends comments given by referees

Title based on contents of letter

Finding Aid: **Vol. 1A Stokes Item #26**; Series Item #6 of 21; Box 1/6

Progress with plates / G. G. Stokes. -- 6 Sep. 1864. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Malahide, Ireland. Stokes discusses paper and mentions that he supposes Pluecker will attend the meeting of the British Association at Bath

Title based on contents of letter

Finding Aid: **Vol. 1A Stokes Item #27**; Series Item #7 of 21; Box 1/6

Non-conductor of electricity / G. G. Stokes. -- 13 Sep. 1864. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Malahide, Ireland. Stokes is posting Pluecker's paper to the Royal Society this same date. Suggests addition of footnote referring to work of Gassiot

Title based on contents of letter

Finding Aid: **Vol. 1A Stokes Item #28**; Series Item #8 of 21; Box 1/6

Design of publication / G. G. Stokes. -- 17 Dec. 1864. -- 1 letter (2 p.)
: handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Lensfield Cottage, Cambridge (England).
Discusses printing of plates and number of colours to be used

Title based on contents

Letter looks incomplete and does not have Stokes's signature

Finding Aid: **Vol. 1A Stokes Item #29**; Series Item #9 of 21; Box 1/6

Request for abstract / G. G. Stokes. -- 23 Dec. 1864. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated on The Royal Society, Burlington House, London.
W. letterhead. Stokes asks Pluecker to write an abstract for immediate publication in the Proceedings (magazine)

Title based on contents

Finding Aid: **Vol. 1A Stokes Item #30**; Series Item #10 of 21; Box 1/6

Corrections / G. G. Stokes. -- 8 Jan. 1865. -- 1 letter : handwritten,
both sides, ink on paper ; 18 x 22 cm

Item is a letter dated from Cambridge (England). Discusses corrections to paper and mentions the high charges of the parcels sent to Berlin

Title based on contents

Finding Aid: **Vol. 1A Stokes Item #31**; Series Item #11 of 21; Box 1/6

Status of paper / G. G. Stokes. -- 12 Jan. 1865. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 12 cm

Item is a letter dated on The Royal Society, Burlington House, London.
W. letterhead. Gives information on status of Pluecker's paper and hopes
Pluecker is recovered from recent illness

Title is based on contents

Finding Aid: **Vol. 1A Stokes Item #32**; Series Item #12 of 21; Box 1/6

List of corrections / G. G. Stokes. -- 28 Feb. 1865. -- 1 letter :
handwritten, both sides, ink on paper ; 25 x 41 cm folded to 25 x 21 cm

Item is a letter dated from Lensfield Cottage, Cambridge. Gives
detailed listing of corrections, noting page numbers. Mentions sending proofs and
describes British procedures for corrections

Title based on contents

Paper is coloured blue

Finding Aid: **Vol. 1A Stokes Item #33**; Series Item #13 of 21; Box 1/6

Misunderstanding about the plates / G. G. Stokes. -- 23 Mar. 1865. --
1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated on The Royal Society, Burlington House, London.
W. letterhead. Discusses error with corrections and a remedy. Identifies plates
with detailed numbers

Title based on contents

Finding Aid: **Vol. 1A Stokes Item #34**; Series Item #14 of 21; Box 1/6

New geometry of space / G. G. Stokes. -- 7 Apr. 1865. -- 1 letter :
handwritten, both sides, ink on paper ; 25 x 40 cm folded to 25 x 20 cm

Item is a letter dated on The Royal Society, Burlington House, London.
W. letterhead. Stokes says that the Royal Society voted that Pluecker's paper on
the New Geometry of Space should be published in Philosophical Transactions.
He gives some comments of the referees and refers to a paper of Professor Cayley

Title based on contents

Paper is yellowing

Finding Aid: **Vol. 1A Stokes Item #35**; Series Item #15 of 21; Box 1/6

Proof of paper / G. G. Stokes. -- 15 Jun. 1865. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 11 cm

Item is a letter dated on The Royal Society, Burlington House, London.
W. letterhead. Stokes states he has sent a proof of Pluecker's paper and still
awaits the abstract he requested

Title based on contents

Finding Aid: **Vol. 1A Stokes Item #36**; Series Item #16 of 21; Box 1/6

Requests plates / G. G. Stokes. -- 1 Jun. 1865. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated on The Royal Society, Burlington House, London.
W. letterhead. Requests the "explanation of the plates" of the spectrum paper
without delay to enable identification of page numbers in printing

Title based on contents

Finding Aid: **Vol. 1A Stokes Item #37**; Series Item #17 of 21; Box 1/6

Urgently requests plates / G. G. Stokes. -- 25 Jul. 1865. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 22 cm

Item is a letter dated on The Royal Society, Burlington House, London.
W. letterhead. Another request for the plates for the spectrum paper as it nears
publication. Communicates remarks made by one of the referees

Title based on contents

Finding Aid: **Vol. 1A Stokes Item #38**; Series Item #18 of 21; Box 1/6

Corrections to additional note / G. G. Stokes. -- 27 Dec. 1865. -- 1
letter (2 p.) : handwritten, both sides, ink on paper ; 21 x 26 cm

Item is a letter dated from Cambridge (England). Stokes details
corrections to additional note. Identifies corrections are in red ink. Unable to
publish by the end of the year

Title based on contents

Removed scotch tape repair on signature page

Finding Aid: **Vol. 1A Stokes Item #39**; Series Item #19 of 21; Box 1/6

Missed correction / G. G. Stokes. -- 16 Jan. 1866. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Cambridge (England). Stokes apologizes for
correction that was not made in Pluecker's paper

Title based on contents

Finding Aid: **Vol. 1A Stokes Item #40**; Series Item #20 of 21; Box 1/6

Paper published in transactions / G. G. Stokes. -- 1 Jun. 1866. -- 1 letter : handwritten, both sides, ink on paper ; 20 x 24 cm

Item is a letter dated on The Royal Society, Burlington House, London. W. letterhead. Stokes explains why Pluecker's paper will be published in Transactions instead of Proceedings

Title based on contents

Small corner piece torn from page

Finding Aid: **Vol. 1A Stokes Item #41**; Series Item #21 of 21; Box 1/6

Wheatstone correspondence. -- 1853-1867. -- 14 items

Sir Charles Wheatstone was born near Gloucester, England, February 6, 1802 and died in Paris, France, October 19, 1875. He was an experimenter and pioneering inventor in acoustics, optics, electricity, and telegraphy. He did not have any formal scientific education. He was appointed professor of experimental physics at King's College, London in 1834. He gave some lectures on sound, but most of his work consisted of research in electricity and in optics. In 1836 he became a fellow of the Royal Society, he was knighted in 1868, and in 1873 he was made a foreign associate of the Paris Academy of Sciences. He invented the rheostat and popularized the Wheatstone bridge. He was the inventor of the stereoscope. Wheatstone did considerable work to develop the telegraph into a practical device and also worked on submarine telegraphy.

Series consists of personal letters

Title based on contents of the series

Detailed finding aid available; file level control; series found in **Vol. 1B**

Directions to south-view / C. Wheatstone. -- 20 Sep. 1853. -- 1 letter : handwritten, ink on paper ; 19 x 24 cm

Item is a letter dated from Niton, Isle of Wight. Wheatstone is issuing Pluecker an invitation to visit him at his home called South-view located at Isle of Wight. Detailed directions are given

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #42**; Series Item #1 of 14; Box 2/6

Royal society meeting / C. Wheatstone. -- 15 Apr. 1858. -- 1 letter : handwritten, ink on paper ; 18 x 23 cm

Item is a letter dated on The Royal Society, Burlington House. L. W. letterhead. Wheatstone is informing Pluecker that a meeting of the Royal Society will be held that evening and that he and Dr. Percy and Mr. Gassiot will be dining there beforehand

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #43**; Series Item #2 of 14; Box 2/6

Dinner invitation / C. Wheatstone. -- 9 Sep. 1863. -- 1 letter : handwritten, ink on paper ; 18 x 12 cm

Item is a note dated from 7 Chester Terrace, Regent's Park. Wheatstone is inviting Pluecker to dinner

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #44**; Series Item #3 of 14; Box 2/6

Postponement of visit / C. Wheatstone. -- 7 Nov. 1863. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 7 Chester Terrace, Regent's Park, London. Wheatstone informs Pluecker of delay in his visit to Bonn due to deaths in family. Mentions going after Christmas to see son at university in Bonn. Issues questions regarding son's residence while at university in Bonn

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #45**; Series Item #4 of 14; Box 2/6

Second delay of visit / C. Wheatstone. -- 5 Feb. 1864. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 7 Chester Terrace, Regent's Park, London. The letter informs Pluecker of Wheatstone's delay due to a family illness. Describes his son's arrival and details the expenditures. Mentions that his secretary can help him to hook up the telegraph

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #46**; Series Item #5 of 14; Box 2/6

Spectroscope experiments / C. Wheatstone. -- 16 Feb. 1864. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from London. Wheatstone details how his son has left and how Pluecker is to allot him money. He mentions that he has sent him a small quantity of Thallium and its sulphate for his spectroscope experiments

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #47**; Series Item #6 of 14; Box 2/6

Presentation of paper / C. Wheatstone. -- 4 Jul. 1864. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 7 Chester Terrace, Regent's Park. Wheatstone discusses details of son's expenditures. Recounts procedures for publishing of paper and method of attaining additional copies

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #48**; Series Item #7 of 14; Box 2/6

Diagrams delivered according to directions / C. Wheatstone. -- 8 Oct. 1864. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 7 Chester Terrace, Regent's Park. Wheatstone discusses health, son's ongoing expenses, and his upcoming change of address. Includes new address. Mentions the enclosure of a note from the Royal Society and that the diagrams he sent were delivered according to the directions received

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #49**; Series Item #8 of 14; Box 2/6

Lessons for son / C. Wheatstone. -- 24 Apr. 1865. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 19 Park Crescent, Portland Place. Describes his lengthy illness and discusses additional school lessons for son Charles

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #50**; Series Item #9 of 14; Box 2/6

Meeting of British association / C. Wheatstone. -- 31 Jul. 1865. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 27 cm

Item is a letter dated from 19 Park Crescent, London. Describes his relapse in illness and travel plans for son's return. Dates the next British Association's meeting in Birmingham as Sep. 6, 1865

Title based on contents

Finding Aid: **Vol. 1B Wheatstone Item #51**; Series Item #10 of 14; Box 2/6

Candidate for copley medal / C. Wheatstone. -- 14 Feb. 1866. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 19 Park Crescent, Portland Place. Gives details of repayment of son's expenditures. Informs Pluecker of his nomination November previous for the Copley medal. Describes process and unsuccessful results

Title based on contents

Letter has embossed red letterhead

Finding Aid: **Vol. 1B Wheatstone Item #52**; Series Item #11 of 14; Box 2/6

Nottingham meeting / C. Wheatstone. -- 11 Aug. 1866. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 27 cm

Item is a letter dated from 19 Park Crescent, Portland Place. Wheatstone discusses the British Association's meeting in Nottingham scheduled for August 22, 1866. He offers Pluecker accommodations at his home during his stay

Title based on contents

Letter is on pink paper

Finding Aid: **Vol. 1B Wheatstone Item #53**; Series Item #12 of 14; Box 2/6

Election to the academy of sciences / C. Wheatstone. -- 7 May 1867. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 25 cm

Item is a letter dated from Hotel Meyerbead, Champs Elyrees. Says he has been in Paris about one month. Congratulates Pluecker on his election to the Academy of Sciences. Speaks of trial of his automatic instruments between London and Paris

Title based on contents

Letter is on blue paper

Finding Aid: **Vol. 1B Wheatstone Item #54**; Series Item #13 of 14; Box 2/6

Meeting at Dundee / C. Wheatstone. -- 14 Aug. 1867. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 22 cm

Item is a letter dated from 19 Park Crescent, Portland Place. Inquires whether Pluecker will attend British Association meeting in Dundee (Scotland). Offers accommodations and discusses possible method of travel

Title based on contents

Address on letter is embossed blue letterhead

Finding Aid: **Vol. 1B Wheatstone Item #55A**; Series Item #14 of 14; Box 2/6

Cayley correspondence. -- [18-?]. -- 1 item

Arthur Cayley was born at Richmond, Surrey, England, August 16, 1821. He died at Cambridge January 26, 1895. He was a British mathematician and may be considered the inventor of the theory of matrices. He also created the subject of abstract geometry of n dimensions. Another major discovery was on linear transformations. He received a honorary doctorate from eight universities and was a Fellow of most European scientific societies, including the Royal Society in 1852. He was in great demand as a referee because of his knowledge of mathematics

Series consists of one item to Pluecker discussing both personal and scientific information

Title based on contents of series

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Memoir from philosophical transactions / A. Cayley. -- 26 Feb. [18-?].
-- 1 letter : handwritten, both sides, ink on paper ; 21 x 27 cm

Item is a letter dated from Cambridge. Cayley issues regrets for not having written sooner and thanks Pluecker for a photograph and memoir received. Discusses in detail the footnote in memoir regarding his work. Gives formula and explanation of it. Closes with an invitation for Pluecker to visit

Title based on contents

The year is not given on the letter

Letter is on gray paper

Finding Aid: **Vol. 1B A. Cayley Item #55B**; Series Item #1 of 1;
Box 2/6

Salmon correspondence. -- 1868. -- 2 items

George Salmon was an Irish mathematician. He was born in Cork, Ireland, September 25, 1819 and died in Dublin, Ireland, January 22, 1904. Joined the staff of Trinity College in 1841. Began his research work in synthetic geometry and became interested in the algebraic theories that were being developed by Cayley and Sylvester in England. He was a close friend of Arthur Cayley and together they studied properties of cubic surfaces and determined their straight lines. He was a member of several scientific associations including a fellow of the Royal Society where he received the Royal medal and Copley medal; and was a member of the British Association in which he became in 1878 president of math. and physics section

Series consists of two personal letters dated the same year

Title based on contents of series

The series is arranged chronologically

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Death of Pluecker / George Salmon. -- 10 Jun. 1868. -- 1
letter : handwritten, ink on paper ; 21 x 27 cm

Item is a letter dated from Trinity College, Dublin (Ireland). The letter sends message of sympathy from the world of Science regarding the death of Julius Pluecker

Title based on contents

Finding Aid: **Vol. 1B George Salmon Item # 56**; Series Item #1 of 2;
Box 2/6

Thank you for copy of book / George Salmon. -- 23 Dec. 1868. -- 1
letter : handwritten, both sides, ink on paper ; 21 x 26 cm

Item is a letter dated from Trinity College, Dublin (Ireland). Salmon thanks Pluecker's son for sending him a copy of Pluecker's book. Mentions it will be placed in library of Trinity College

Title based on contents

Finding Aid: **Vol. 1B George Salmon Item #57**; Series Item #2 of 2;
Box 2/6

Gassiot correspondence. -- 1858-1867. -- 8 items

John Peter Gassiot was a British scientist and writer. He was born in London England April 2, 1797 and died at Isle of Wight August 15, 1877. He was elected a fellow of the Royal Society in 1840 and was a member and founder of the Chemical Society of 1841. He discovered stratification of electric discharge in 1852. In 1863 he was awarded the Royal Society's Royal Medal in recognition of his work on voltaic electricity and on the discharge of electricity through gases at low pressure. Gassiot was a good friend of Michael Faraday. His last papers concerned improvements in spectroscopes

Series consists of letters discussing matters concerning vacuum tubes and spectroscope information

Title based on contents of series

Series is arranged chronologically

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Stratified electrical discharge / John P. Gassiot. -- 7 Apr. 1858. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Clapham Common. States Faraday told him about Pluecker's experiments with stratified electrical discharge and invites him to see his experiments

Title based on contents

Letter has embossed emblem

Ink is smeared in spots

Finding Aid: **Vol. 1B Gassiot Item #58**; Series Item #1 of 8; Box 2/6

Geissler's tubes / John P. Gassiot. -- 12 Jul. 1858. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Clapham Common. Gassiot thanks Pluecker for his letter and hopes to shortly receive tubes from Geissler. Mentions reduced discharge. Thanks him for sending two vacuum tubes and understands they are both sulphurous acid

Title based on contents

Letter has embossed emblem

Finding Aid: **Vol. 1B Gassiot Item #59**; Series Item #2 of 8; Box 2/6

Battery experiment / J.P. Gassiot. -- 26 Apr. 1865. -- 1 letter : handwritten, both sides, ink on paper ; 22 x 27 cm

Item is a letter dated from Clapham Common, W. London. Discusses Geissler tubes and their composition. Mentions current construction of battery experiment and would like Pluecker to see during his next visit

Title based on contents

Finding Aid: **Vol. 1B Gassiot Item #60**; Series Item #3 of 8; Box 2/6

Extra tubes / J. P. Gassiot. -- 30 Jun. 1865. -- 1 letter : handwritten, ink on paper ; 22 x 14 cm

Item is a letter dated from London. Gassiot is requesting Pluecker's help to secure one or two extra tubes. Thanks him for his trouble

Title based on contents

Letter is on blue paper

Finding Aid: **Vol. 1B Gassiot Item #61**; Series Item #4 of 8; Box 2/6

Spectroscope / J. P. Gassiot. -- 12 Sep. 1865. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Clapham Common. Describes location of spectroscope at the Observatory and issues directions for Pluecker to get there

Title based on contents

Letter has embossed emblem in black and letter edging is in black

Finding Aid: **Vol. 1B Gassiot Item #62**; Series Item #5 of 8; Box 2/6

Spectroscope location / J. P. Gassiot. -- 3 Sep. 1866. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 77 Marklane. States his spectroscope is located near his country home and invites Pluecker to see it. Gives directions

Title based on contents

Letter has embossed emblem in black and first page of letter has heavy black outline around edging

Back page has pencil sketchings with notations

Finding Aid: **Vol. 1B Gassiot Item #63**; Series Item #6 of 8; Box 2/6

Information on vacuum tube / J. P. Gassiot. -- 5 Sep. 1866. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Clapham Common. Requests further information about the vacuum tube Pluecker gave to him yesterday. Describes tube placement, gives a diagram and asks two questions. The back page gives an equational surface listing

Title based on contents

On front page the letter has an embossed emblem in black and the edging is outlined in black

Finding Aid: **Vol. 1B Gassiot Item #64**; Series Item #7 of 8; Box 2/6

Gasified vacuum tube / J. P. Gassiot. -- 30 Apr. 1867. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 26 cm

Item is a letter dated from Clapham Common. Discusses receipt of another gasified tube and details use in experiment

Title based on contents

Front page has embossed emblem in black and inside and outside edgings are outlined in black

Finding Aid: **Vol. 1B Gassiot Item #65**; Series Item #8 of 8; Box 2/6

Forbes correspondence. -- 1854-1855. -- 3 items

James David Forbes was a Scottish physicist. He was born in Edinburgh, Scotland April 20, 1809 and died in Clifton, Scotland December 31, 1868. In 1825 he entered the University of Edinburgh to pursue legal studies. He abandoned law in 1828 in favor of science. Elected to the Royal Society of London in 1832 and also participated actively in the formation of the British Association. In 1830 he began to investigate radiant heat phenomena. November 1834 he discovered the polarization of radiant heat. Received the Rumford Medal of the Royal Society of London in 1838 for his discoveries. His central interest was in geology although he continued to study heat conduction in solids and various types of soils as well as the effects of the atmosphere on solar radiation. From 1840 to 1851 he served as secretary of the Royal Society of Edinburgh. In 1860, after his election as principal of the United College of St. Andrews, he resigned from his chair at Edinburgh. He held this position until his death

Series consists of discussions regarding an electromagnetic apparatus

Title based on contents

Items are arranged chronologically

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Purchase of electromagnetic apparatus / James D. Forbes. -- 24 May 1854. -- 1 letter : handwritten, both sides, ink on paper ; 24 x 40 cm folded to 24 x 20 cm

Item is a letter dated from Clifton, Bristol, England. Inquiries as to best place in Germany to purchase a complete and full sized electromagnetic apparatus with collection of crystals for repeating all of Pluecker's and Faraday's experiments in a public course. Further discusses details of apparatus. He is also looking for authentic work on Contemporary Scientific Biography in German.

Describes request

Title based on contents

Back page contains address, postmarkings and full intact seal with initials

Finding Aid: **Vol. 1B James D. Forbes Item #66**; Series Item #1 of 3;

Box 2/6

Ordering of electromagnetic apparatus / James D. Forbes. -- 16 Jun. 1854. -- 1 letter : handwritten, both sides, ink on paper ; 24 x 40 cm folded to 24 x 20 cm

Item is a letter dated from Edinburgh (Scotland). Confirms receipt of letter and responds to recommendations. Suggests immediate ordering and discusses its use and estimates date it will be ready

Title based on contents

Back page contains address, postmarkings and partial seal

Finding Aid: **Vol. 1B James D. Forbes Item #67**; Series Item #2 of 3;

Box 2/6

Transportation for apparatus / James D. Forbes. -- 17 Mar. 1855. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 22 cm

Item is a letter dated from Edinburgh (Scotland). Discusses details of shipping of apparatus. Requests instructions on its use as well as instructions on the use of the Grave's Battery. Asks Pluecker to write with details of departure. Discusses weather and health

Title based on contents

Letter is written on blue paper

Finding Aid: **Vol. 1B James D. Forbes Item #68**; Series Item #3 of 3;

Box 2/6

Tyndall correspondence. -- 1851 and 1859. -- 2 items

John Tyndall was a British physicist born at Leighlin Bridge, near Carlow, Ireland, August 2, 1820 and died in London (England) December 4, 1893. He is best known for his researches on heat. In 1843 he was appointed Professor of Natural Philosophy at the Royal Institution. His first paper (1850) dealt with the behaviour of crystalline bodies in a magnetic field. He co-authored with K. H. Knoblauch, and their conclusions differed from Pluecker and Faraday. His most important work was concerned with the transmission of heat through organic substances. His first paper on this subject was in 1854

Series consists of professional discussions

Title based on contents

Items are arranged chronologically

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Request for testimonial / John Tyndall. -- 4 Sep. 1851. -- 1 letter : handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Queenwood College, Stockbridge, Hampshire, England. Tyndall requests Pluecker's support for an application he is making for a position of professorship at the University of Toronto. He will be forwarding his application the first of October. Mentions differences in experiment conclusions

Title based on content

Letter is almost fully split in half

Finding Aid: **Vol. 1B Tyndall Item #69**; Series Item #1 of 2; Box 2/6

Theory of the stratifications / John Tyndall. -- 13 Feb. 1859. -- 1 letter : handwritten, both sides, ink on paper ; 20 x 25 cm

Item is a letter detailing the theory of stratifications by W. Grove, who gave lecture on the subject at the Royal Institution. Apology for lateness in replying to Pluecker's last letter and gives reasons. Mentions work on his current project

Title based on content

Finding Aid: **Vol. 1B Tyndall Item #70**; Series Item #2 of 2; Box 2/6

Hirst correspondence. -- 1866-1867. -- 4 items

T. Archer Hirst was a mathematician. He was a Professor of Physics and thereafter a Professor of pure mathematics at Univeristy College in London. Became a fellow of the Royal Society in 1868. Appointed Director of Naval Studies at the Royal Naval College in Greenwich in 1873. Awarded the Royal Medal in 1883

Series consists of letters written with reference to Pluecker's experiments, papers and award nominations

Title based on contents

Items are arranged chronologically

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Geometrical models / T. Archer Hirst. -- 26 Sep. 1867. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 27 cm

Item is a letter dated from Athenoum Club, Pall Mall, London. Hirst discusses the models he received the year previous from Herr. Epkens. Concern on how to issue payment for models. Congratulations on Pluecker's election as a corresponding member of the Academy of Sciences of Paris. The back page has a draft of a reply from Pluecker acknowledging Hirst's letter and stating payment of the models has been handed over to W. Epkens

Title based on contents

Paper is blue

Finding Aid: **Vol. 1B Hirst Item #71**; Series Item #1 of 4; Box 2/6

Ownership of models received / T. Archer Hirst. -- 3 Oct. 1866. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 27 cm

Item is a letter dated from Athenoum Club, London. Hirst describes receipt of Herr Epkens models and status of payment. Asks Pluecker to write up a description of the models

Title based on contents

Written on blue paper

Finding Aid: **Vol. 1B Hirst Item #72**; Series Item #2 of 4; Box 2/6

Work on complexes / T. Archer Hirst. -- 31 Oct. 1867. -- 1 letter : handwritten, both sides, ink on paper ; 20 x 25 cm

Item is a letter dated from Athenoum Club. Hirst enclosed a cheque for payment of models. Mentions he looks forward to receiving the volume regarding Pluecker's work on complexes

Title based on contents

Letter is written on blue paper

Finding Aid: **Vol. 1B Hirst Item #73**; Series Item #3 of 4; Box 2/6

Copley medal announcement / T. Archer Hirst. -- 1 Nov. 1866. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 27 cm

Item is a letter dated from Athenoum Club. Hirst is "pleased to announce (confidentially) that the council of the Royal Society unanimously resolved to recommend to the Society at the ensuing General Meeting that the Copley Medal shall this year be awarded to Pluecker". Continues to mention official notification should follow within the next few days

Title based on contents

Letter is written on blue paper

Finding Aid: **Vol. 1B Hirst Item #74**; Series Item #4 of 4; Box 2/6

Ellis correspondence. -- 1866. -- 2 items

Alexander John Ellis originally known as Alexander John Sharpe, was an English philologist. He was born in 1814 and died in 1890. He wrote much on mathematical, musical and philological questions. Did more than any other scholar to advance the scientific study of phonetics, of early English pronunciation, and of existing English dialects. His major work was Early English Pronunciation (1869-89)

Series consists of correspondence relating to plane geometry and theories on same from which he used Pluecker's theories to continue his work

Title based on contents

Items are arranged chronologically

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

New geometry of space / Alex. J. Ellis. -- 20 Feb. 1866. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 22 cm

Item is a letter dated from 2 Westion Villas, Colney Hatch Park, London, England. Opens with apology for not having written sooner. Thanks for copy of New Geometry of Space. He has been working with some mathematical speculations of a New Geometry of the Plane - called Plane Stigmatics. Further details discussing same topic

Title based on contents

First page has a heavy black outline around edging

Finding Aid: **Vol. 1B A. J. Ellis Item #75**; Series Item #1 of 2;
Box 2/6

Paper on stigmatics / Alex. J. Ellis. -- 17 Aug. 1866. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from 2 Westion Villas, Colney Hatch Park, London. Thanks Pluecker for sending his paper. States that his paper on Stigmatics and Pluecker's were read at the Royal Society on the same day. Mentions he will note references made to Pluecker's works within his own paper. Also enclosed a little paper on Radical Loci that also directly relates to a paper Pluecker previously wrote. Discusses details

Title based on contents

First page contains an embossed emblem

Finding Aid: **Vol. 1B A. J. Ellis Item #76**; Series Item #2 of 2;
Box 2/6

Airy correspondence. -- 1866. -- 1 item

Sir George Biddell Airy was an English astronomer and geophysicist. He was born in Alnwick, England, July 27, 1801 and died in Greenwich, England, January 2, 1892. He headed the British expedition to observe transit of Venus across the Sun in 1874. He worked primarily in celestial mechanics, especially lunar and planetary motion. Introduced cylindrical-spherical eyeglasses for astigmatic eyes in 1825. He opposed Faraday's lines of force theory

Series consists of a discussion of three memoirs

Title based on contents

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Three memoirs / G.B. Airy. -- 23 Aug. 1866. -- 1 letter :
handwritten, both sides, ink on paper ; 19 x 23 cm

Item is a letter dated from Royal Observatory, Greenwich, London, L.E. letterhead. Thanks Pluecker for the present of the three memoirs on geometry, mechanics and spectral lines. Detailed discussion about spectral lines

Title taken from content

First page is slightly damaged by blue ink line

Finding Aid: **Vol. 1B Airy Item #77**; Series Item #1 of 1; Box 2/6

Lloyd correspondence. -- 1835 and 1840. -- 2 items

Humphrey Lloyd was an Irish scientist born in Dublin, Ireland, April 16, 1800 and died in Dublin, Ireland, January 17, 1881. His first important original research was in optics. He remained active in the field of terrestrial magnetism throughout his life and succeeded in demonstrating the existence of currents of electricity in the earth's crust and in calculating their effect on the daily variation in the magnetic field

Title based on contents

Items are arranged chronologically

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Variation instrument / H. Lloyd. -- 15 Nov. 1835. -- 1 letter :
handwritten, both sides, ink on paper ; 19 x 23 cm

Item is a letter dated from Trinity College, Dublin. Relays request from Professor Airy to Pluecker's offer of the variation instrument for the use of the observatory. Discusses expedition of Capt. James Ross and details his findings

Title based on contents

Finding Aid: **Vol. 1B Lloyd Item #78**; Series Item #1 of 2; Box 2/6

Admission to library at University of Bonn / B.C. Lloyd. -- 13 Sep. 1840. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 26 cm + letter sleeve

B.C. Lloyd is the brother to Humphrey Lloyd

Item is a letter dated from Geneva explaining his brother's absence and requesting an admission to the library of the University of Bonn for Dr. O'Brien, Professor of divinity in Trinity College Dublin. Offers apology for the liberty taken during his brother's absence. The letter sleeve contains a note penned in German handwriting that includes the names of Lloyd and Dr. O'Brien

Title based on content

Finding Aid: **Vol. 1B Lloyd Item #79**; Series Item #2 of 2; Box 2/6

Attfield correspondence. -- 1862. -- 1 item

John Attfield was an English pharmacologist. He was born at North Barnet, England in 1835 and died March 18, 1911. Became a fellow of the Royal Society in 1880. He was an honorary member of 23 foreign societies and colleges of pharmacy. Wrote many papers, notes, and lectures

Series consists of a letter regarding published works

Title based on content

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Drawings of spectra / John Attfield. -- 7 Nov. 1862. -- 1 letter :
handwritten, both sides, ink on paper ; 22 x 28 cm

Item is a letter dated from Pharmaceutical Society of Great Britain letterhead. Attfield would like to know if Pluecker's drawings of spectra of oxygen, hydrogen, nitrogen, etc. have been published. Continues with questions regarding subject

Title based on contents

Finding Aid: **Vol. 1B Attfield Item #80**; Series Item #1 of 1; Box 2/6

Sylvester correspondence. -- 1864. -- 1 item

James Joseph Sylvester was an English mathematician who worked with Cayley. He was born in London, England, September 3, 1814, and died at Oxford, March 15, 1897. He met Cayley in 1850 and they became lifelong friends. Sylvester taught private pupils, one was Florence Nightingale. He founded the theory of invariants

Detailed finding aid available; file level control; series found in **Vol. 1B**

Index of memoir / J. J. Sylvester. -- 8 Dec. 1864. -- 1 letter :
handwritten, both sides, ink on paper ; 22 x 27 cm

Item is a letter dated from Athenoum. Sylvester discusses memoirs and suggests methods to present them to the Royal Society. Discusses his departure for abroad and return date

Title based on content

Finding Aid: **Vol. 1B Sylvester Item #81**; Series Item #1 of 1;
Box 2/6

Casella correspondence. -- 1858. -- 1 item

L. W. Casella can be identified, by the embossed emblem, as an instrument maker to the admiralty in London

Series consists of a brief note regarding an order for Pluecker

Title based on contents

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Vacuum tube / L. W. Casella. -- 20 Apr. [18]58. -- 1 letter :
handwritten, ink on paper ; 18 x 22 cm + letter sleeve

Item is a letter advising Pluecker of the arrival of the Gassiot vacuum tube and mentions enclosing a list of instruments

Title based on content

Penned on letter sleeve is the word *Casella*

First page has an embossed seal identified as Casella Inst. Maker to the Admiralty London. Letter sleeve contains names and German writing

Finding Aid: **Vol. 1B Miscellaneous Item #82**; Series Item # 1 of 1;
Box 2/6

Mundella correspondence. -- [18]64. -- 1 item

A. J. Mundella was a member of the British Association and a friend to Pluecker

Series consists of a personal note

Title based on content

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Visiting London / A. J. Mundella. -- 20 Aug. [18]64. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 22 cm

Item is a letter dated from 72 Park, Nottingham (London, England). Discusses Pluecker's plans while in London for the British Association. Offers accommodations

Title based on contents

Front page has embossed emblem

Finding Aid: **Vol. 1B Miscellaneous Item #83**; Series Item #1 of 1;
Box 2/6

Everest correspondence. -- 1865. -- 1 item

George Everest was born in Gwernvale, Wales, July 4, 1790 and died in London, England, December 1, 1866. He was known for his work as Surveyor-general of India. Mount Everest is named after him. He became a fellow of the Royal Society in 1827

Series consists of a personal note

Title based on contents

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Note on illness / G. W. A. Everest. -- 15 Dec. 1865. -- 1 letter :
handwritten, both sides, ink on paper ; 18 x 23 cm

Item is a letter dated from Oakfield, Moseley near Birmingham on letterhead. Inquires to Pluecker's health and recounts fond memories of past associations

Title based on content

First page has embossed blue addressing

Finding Aid: **Vol. 1B Miscellaneous Item #84**; Series Item #1 of 1;
Box 2/6

Wright correspondence. -- 1865. -- 1 item

E. Perceval Wright was a member of the Committee of the Red Lion Club. The Red Lion Club was a fringe group of the British Association and was founded as the Metropolitan Red Lion Association in 1844

Series consists of a personal note

Title based on contents

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Dinner invitation / E. Perceval Wright. -- 11 Sep. 1865. -- 1 letter :
handwritten, ink on paper ; 20 x 25 cm

Item is a letter dated from Red Lion Club, Reception Room. The committee of the Red Lion Club is requesting the pleasure of Pluecker's company for dinner. Requests an answer

Title based on contents

Finding Aid: **Vol. 1B Miscellaneous Item #85**; Series Item #1 of 1;
Box 2/6

Barlow correspondence. -- [186?]. -- 1 item

Based on biographical research, C.H. Barlow is thought to be the wife of Peter Barlow, Rev. John Barlow, or Sir Thomas Barlow. All were fellows of the Royal Society and Sir Thomas Barlow served as Royal Society Treasurer

Series consists of a personal note

Title based on contents

Date based on contents of the item and derived by perpetual calendar

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Dinner invitation / C. H. Barlow. -- 10 Jun. [186?]. -- 1 letter :
handwritten, ink on paper ; 16 x 20 cm

Item is a letter dated from 5 Berkeley St. Piccadilly, inviting Pluecker to a dinner. Requests an answer

Title based on contents

Contains embossed emblem which is not readable. The word London in the bottom portion of the emblem is distinguishable

Finding Aid: **Vol. 1B Miscellaneous Item #86**; Series Item #1 of 1;
Box 2/6

Buckland correspondence. -- [18--]. -- 1 item

M. Buckland is Mary Buckland, wife of William Buckland, an English geologist. William Buckland was born in Axminster, England, March 12, 1784 and died in Islip, England, August 14, 1856

Series consists of a personal note

Title based on contents

Century is certain based on contents of fonds

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Instructions for delivering a gift / M. Buckland. -- [18--]. -- 1 letter :
handwritten, ink on paper ; 23 x 19 cm

Item is a letter giving Pluecker instructions to deliver a gift to a Mademoiselle Brauer

Title based on contents

Right letter edging is torn and small portions are missing. Verso gives Pluecker's name and address as Angel Inn. Contains fully intact seal

Finding Aid: **Vol. 1B Miscellaneous Item #87**; Series Item #1 of 1;
Box 2/6

Spottiswoode correspondence. -- [18--]. -- 1 item

William Spottiswoode was an English mathematician, physicist and publisher. He was born in London, England, January 11, 1825 and died June 27, 1883. Became a fellow of the Royal Society in 1853, treasurer in 1871, and president from 1878-1883. He was a member of the British Association and president of math. section in 1865. He was the first to make wide use of symmetrical determination notation, research in physics on polarization and electrical discharge through rarefied gases

Series consists of a personal note to Pluecker

Title based on contents

Date is century certain based on biography

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Invitation to breakfast / W. Spottiswoode. -- [18--]. -- 1 letter :
handwritten, ink on paper ; 19 x 24 cm + sleeve

Item is a letter dated from Plough & Harrow Inn, Edg Gaston, Monday. It is an invitation for Pluecker to join William Spottiswoode and his wife for breakfast tomorrow. The sleeve contains handwriting

Title based on contents

Finding Aid: **Vol. 1B Miscellaneous Item #88**; Series Item #1 of 1;
Box 2/6

Horner correspondence. -- [18--]. -- 1 item

Leonard Horner was born in Edinburgh, Scotland, January 17, 1785 and died in London, England, March 5, 1864. His brother was Francis Horner, the Whig politician and founder of the *Edinburgh Review*. Leonard joined the Geological Society of London in 1808 and was its secretary from 1810 to 1814, its president from 1845 to 1847, and again from 1860 to 1862. He was elected to the Royal Society of London in 1813. His work promoted science-based education at all social levels

Title based on contents

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Geological structures / Leonard Horner. -- [18--]. -- 1 letter :
handwritten, both sides, ink on paper ; 19 x 23 cm

Item is a letter dated from Bonn, Thursday Evening. Horner suggests collecting as much information at Bonn about the geological structures of environs at Elberfeld before traveling there. Asks Pluecker to join him in the journey

Title based on contents

Finding Aid: **Vol. 1B Miscellaneous Item #89**; Series Item #1 of 1;
Box 2/6

Draft letters. -- [18--]. -- 6 items

Series consists of letters written by Pluecker in answer to correspondence he had received

Title based on contents

Date is century certain as per Pluecker's biography

Written in English

Detailed finding aid available; file level control; series found in **Vol. 1B**

Discussion of plates / Julius Pluecker. -- [18--]. -- 1 letter :
handwritten, both sides, ink on paper ; 22 x 29 cm

Item is a letter discussing in detail the design of the plates and alterations to his paper

Title based on contents

Content indicates this letter is in response to correspondence written from

G. G. Stokes

Finding Aid: **Vol. 1B Draft Letters Item #100**; Series Item #1 of 6;
Box 2/6

Trip to Paris. -- [18--]. -- 1 letter : handwritten, both sides, ink on
paper ; 20 x 26 cm

Item is a letter discussing recent illness, trip to Paris and reminds receiver that they were agreeable to Pluecker having one of their new Apparatus for a lecture

Title based on contents

Letter is signed by someone unknown and the signature is crossed out

Based on contents of other items, this letter answers correspondence received from James David Forbes

Finding Aid: **Vol. 1B Draft Letters Item #101**; Series Item #2 of 6;
Box 2/6

Details on spectra. -- [18--]. -- 1 letter : handwritten, both sides, ink on paper ; 24 x 38 cm folded to 24 x 19 cm

Item is a letter detailing the spectra experiment and what should occur during the experiment

Title based on contents

Based on contents this draft is in response to inquiries made from Gassiot correspondence

Draft is penned in unidentified handwriting

Finding Aid: **Vol. 1B Draft Letters Item #105**; Series Item #6 of 6; Box 2/6

French correspondence. -- 1824-1868. -- 81 items

Series consists of personal letters from French scientists of the nineteenth century. The more prominent scientists included are mathematicians such as Joseph Diaz Gergonne, (1771-1859); Joseph Louis Francois Bertrand (1822-1900); Eugene Catalan (1814-1894); Michel Chasles (1793-1880); Italian mathematician Luigi Cremona (1830-1903); and mathematician Francois Moigno (1804-1884); geologist Achille Delesse (1817-1881); astronomer / physicist Dominique-Francois Arago (1786-1853); Belgian physicists Joseph Plateau (1801-1883); and, Gustav Van der Mensbrugghe (1835-1911)

Title based on contents of series

Series is arranged by author and has aspects of alphabetical order

Items are written in French except Cremona Item #49 which is written in Italian and Italian Item #76 by Franco Zantadychi

Finding Aid: Items are index listed and can be found in **Vol. 2A and Vol. 2B**

German correspondence. -- 1829-1871. -- 131 items

Series consists of letters from colleagues. The most predominant letters are from chemist Heinrich Gustav Magnus (1802-1870); physicist Johann Wilhelm Hittorf (1824-1914); mathematician Karl Gustav Jacob Jacobi (1804-1851); physicist/chemist Johann Christian Poggendorff (1796-1877); mathematician August Leopold Crelle (1780-1855); chemist August Wilhelm [von] Hofmann (1818-1892); physicist Friedrich Hugo Wullner (1835-1908); mathematician Johann August Grunert (1797-1872); and mathematician Felix Christian Klein (1849-1925)

Title based on contents of the series

Series is arranged by author and has aspects of alphabetical order

Items are written in German

Finding Aid: Items are index listed and can be found in **Vol. 3A, 3B, Vol. 4 and Vol. 6**. Vol. 4 contains German notes prepared by Fran Ella Schneider for the numbered letters in volumes 4 and 6

Proof sheet of geometrical paper. -- [186-]. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 26 cm

Item is a letter discussing receipt of the proof sheet of Pluecker's Geometrical paper. States he has given no written abstract and partially explained his views to Cayley while at Cambridge. States it is impossible to change the original paper and suggests two additional notes. Mentions his Geometry of Space published 20 years ago (1846). States he would not like the original papers published without the notes. Will attend to any corrections to be made in the proof sheets

Title based on contents

Date based on contents with reference to publishing of first paper on Geometry of Space

Based on contents, this letter is in answer to correspondence received from G. G. Stokes

Finding Aid: **Vol. 1B Draft Letters Item # 102**; Series Item # 3 of 6; Box 2/6

Geometrical researches / Julius Pluecker. -- [18--]. -- 1 letter : handwritten, both sides, ink on paper ; 22 x 14 cm

Item is a letter introducing a new paper. Mentions seeing W. Silvester while at Newcastle. This meeting caused renewed interest in geometrical researches he had abandoned 17 years ago. Mentions having sent a paper to Silvester but has not heard therefore requests that this copy be reviewed for publishing

Title based on contents

Top left corner edge is torn off

Based on contents of the Stokes correspondence this letter is to G. G. Stokes

Finding Aid: **Vol. 1B Draft Letters Item #103**; Series Item #4 of 6; Box 2/6

Spectral paper / Julius Pluecker. -- [186-]. -- 1 letter : handwritten, both sides, ink on paper ; 21 x 27 cm

Item is a letter acknowledging receipt of the parcel containing the copies of the Spectral Paper. Discusses costs of shipment and comparison to booksellers. Mentions sending copies of geometrical papers, if they are ready by the 15th, to another address where they will be brought to him. Verso contains start of a letter to a woman in Cambridge

Title based on contents

Date based on contents and correlation to Stokes correspondence

Pages contain embossed emblem

Based on contents draft is to G.G. Stokes

Finding Aid: **Vol. 1B Draft Letters Item # 104**; Series Item #5 of 6; Box 2/6

Letters to his wife. -- 1840-1867. -- 50 items

Series consists of personal letters to Pluecker's wife

Title based on contents

Series is arranged chronologically

Written in German

Finding Aid: Items can be found in Vol. 5. The volume also contains a German transcription of the letters

FRENCH

Vol. 2A French Item #1; Series Item #1 of 1; Box 3/6

- Vol. 2A Morren Item #2; Series Item #1 of 18; Box 3/6
 Vol. 2A Morren Item #3; Series Item #2 of 18; Box 3/6
 Vol. 2A Morren Item #4; Series Item #3 of 18; Box 3/6
 Vol. 2A Morren Item #5; Series Item #4 of 18; Box 3/6
 Vol. 2A Morren Item #6; Series Item #5 of 18; Box 3/6
 Vol. 2A Morren Item #7; Series Item #6 of 18; Box 3/6
 Vol. 2A Morren Item #8; Series Item #7 of 18; Box 3/6
 Vol. 2A Morren Item #9; Series Item #8 of 18; Box 3/6
 Vol. 2A Morren Item #10; Series Item #9 of 18; Box 3/6
 Vol. 2A Morren Item #11; Series Item #10 of 18; Box 3/6
 Vol. 2A Morren Item #12; Series Item #11 of 18; Box 3/6
 Vol. 2A Morren Item #13; Series Item #12 of 18; Box 3/6
 Vol. 2A Morren Item #14; Series Item #13 of 18; Box 3/6
 Vol. 2A Morren Item #15; Series Item #14 of 18; Box 3/6
 Vol. 2A Morren Item #16; Series Item #15 of 18; Box 3/6
 Vol. 2A Morren Item #17; Series Item #16 of 18; Box 3/6
 Vol. 2A Morren Item #18; Series Item #17 of 18; Box 3/6
 Vol. 2A Morren Item #19; Series Item #18 of 18; Box 3/6
- Vol. 2A de Jonquieres Item #20; Series Item #1 of 8; Box 3/6
 Vol. 2A de Jonquieres Item #21; Series Item #2 of 8; Box 3/6
 Vol. 2A de Jonquieres Item #22; Series Item #3 of 8; Box 3/6
 Vol. 2A de Jonquieres Item #23; Series Item #4 of 8; Box 3/6
 Vol. 2A de Jonquieres Item #24; Series Item #5 of 8; Box 3/6
 Vol. 2A de Jonquieres Item #25; Series Item #6 of 8; Box 3/6
 Vol. 2A de Jonquieres Item #26; Series Item #7 of 8; Box 3/6
 Vol. 2A de Jonquieres Item #27; Series Item #8 of 8; Box 3/6
- Vol. 2A Gergonne Item #28; Series Item #1 of 2; Box 3/6
 Vol. 2A Gergonne Item #29; Series Item #2 of 2; Box 3/6
- Vol. 2A Delesse Item #30; Series Item #1 of 2; Box 3/6
 Vol. 2A Delesse Item #31; Series Item #2 of 2; Box 3/6
- Vol. 2A Arago Item #32; Series Item #1 of 1; Box 3/6
- Vol. 2A de la Rive Item #33; Series Item #1 of 1; Box 3/6
- Vol. 2A Bertrand Item #34; Series Item #1 of 2; Box 3/6
 Vol. 2A Bertrand Item #35; Series Item #2 of 2; Box 3/6

- Vol. 2A van Breda Item #36; Series Item #1 of 4; Box 3/6
 Vol. 2A van Breda Item #37; Series Item #2 of 4; Box 3/6
 Vol. 2A van Breda Item #38; Series Item #3 of 4; Box 3/6
 Vol. 2A van Breda Item #39; Series Item #4 of 4; Box 3/6
- Vol. 2A Catalan Item #40; Series Item #1 of 2; Box 3/6
 Vol. 2A Catalan Item #41; Series Item #2 of 2; Box 3/6
- Vol. 2A Chasles Item #42; Series Item #1 of 2; Box 3/6
 Vol. 2A Chasles Item #43; Series Item #2 of 2; Box 3/6
- Vol. 2A Cremona Item #44; Series Item #1 of 6; Box 3/6
 Vol. 2A Cremona Item #45; Series Item #2 of 6; Box 3/6
 Vol. 2A Cremona Item #46; Series Item #3 of 6; Box 3/6
 Vol. 2A Cremona Item #47; Series Item #4 of 6; Box 3/6
 Vol. 2A Cremona Item #48; Series Item #5 of 6; Box 3/6
 Vol. 2A Cremona Item #49; Series Item #6 of 6; Box 3/6 (Item is written in Italian)
- Vol. 2B Drion Item #50; Series Item #1 of 1; Box 3/6
- Vol. 2B Glogesener Item #51; Series Item #1 of 1; Box 3/6
- Vol. 2B de la Gournerie Item #52; Series Item #1 of 2; Box 3/6
 Vol. 2B de la Gournerie Item #53; Series Item #2 of 2; Box 3/6
- Vol. 2B Khanikof Item #54; Series Item #1 of 1; Box 3/6
- Vol. 2B Moigno Item #55; Series Item #1 of 4; Box 3/6
 Vol. 2B Moigno Item #56; Series Item #2 of 4; Box 3/6
 Vol. 2B Moigno Item #57; Series Item #3 of 4; Box 3/6
 Vol. 2B Moigno Item #58; Series Item #4 of 4; Box 3/6
- Vol. 2B Plateau Item #59; Series Item #1 of 2; Box 3/6
 Vol. 2B Plateau Item #60; Series Item #2 of 2; Box 3/6
- Vol. 2B Le Roux Item #61; Series Item #1 of 2; Box 3/6
 Vol. 2B Le Roux Item #62; Series Item #2 of 2; Box 3/6
- Vol. 2B Serret Item #63; Series Item #1 of 1; Box 3/6
- Vol. 2B Miscellaneous Item #64; (Fauque); Series Item #1 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #65; (Brisse); Series Item #2 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #66; (Dubosy); Series Item #3 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #67; (Gregoire Evéz); Series Item #4 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #68; (Felix Lacroix); Series Item #5 of 12; Box 3/6

Vol. 2B Miscellaneous Item #69; (Mannheim); Series Item #6 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #70 A & B; (Van der Mensbrugghe); Series Item #7 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #71; (Ryke); Series Item #8 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #72 A & B; (Salleron); Series Item #9 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #73; (Taussen); Series Item #10 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #74 A & B; (H. Wolf); Series Item #11 of 12; Box 3/6
 Vol. 2B Miscellaneous Item #75; (Hotel Le Louvre); Series Item #12 of 12; Box 3/6

Vol. 2B Italian Item #76 A & B & C; (Franco Zantadychi); Series Item #1 of 1; Box 3/6

VOL. 3 -- GERMAN

Vol. 3A Humboldt Item # (none); (Wohler); Series Item #1 of 3; Box 4/6
 Vol. 3A Humboldt Item #1; Series Item #2 of 3; Box 4/6 - Original removed for safekeeping
 Vol. 3A Humboldt Item #2; Series Item #3 of 3; Box 4/6

Vol. 3A Magnus Item #3; Series Item #1 of 8; Box 4/6
 Vol. 3A Magnus Item #4; Series Item #2 of 8; Box 4/6
 Vol. 3A Magnus Item #5; Series Item #3 of 8; Box 4/6
 Vol. 3A Magnus Item #6; Series Item #4 of 8; Box 4/6
 Vol. 3A Magnus Item #7; Series Item #5 of 8; Box 4/6
 Vol. 3A Magnus Item #8; Series Item #6 of 8; Box 4/6
 Vol. 3A Magnus Item #9; Series Item #7 of 8; Box 4/6
 Vol. 3A Magnus Item #10; Series Item #8 of 8; Box 4/6

Vol. 3A Hittorf Item #11; Series Item #1 of 22; Box 4/6
 Vol. 3A Hittorf Item #12; Series Item #2 of 22; Box 4/6
 Vol. 3A Hittorf Item #13; Series Item #3 of 22; Box 4/6
 Vol. 3A Hittorf Item #14; Series Item #4 of 22; Box 4/6
 Vol. 3A Hittorf Item #15; Series Item #5 of 22; Box 4/6
 Vol. 3A Hittorf Item #16; Series Item #6 of 22; Box 4/6
 Vol. 3A Hittorf Item #17; Series Item #7 of 22; Box 4/6
 Vol. 3A Hittorf Item #18; Series Item #8 of 22; Box 4/6
 Vol. 3A Hittorf Item #19; Series Item #9 of 22; Box 4/6
 Vol. 3A Hittorf Item #20; Series Item #10 of 22; Box 4/6
 Vol. 3A Hittorf Item #21; Series Item #11 of 22; Box 4/6
 Vol. 3A Hittorf Item #22; Series Item #12 of 22; Box 4/6
 Vol. 3A Hittorf Item #23; Series Item #13 of 22; Box 4/6
 Vol. 3A Hittorf Item #24; Series Item #14 of 22; Box 4/6
 Vol. 3A Hittorf Item #25; Series Item #15 of 22; Box 4/6
 Vol. 3A Hittorf Item #26; Series Item #16 of 22; Box 4/6
 Vol. 3A Hittorf Item #27; Series Item #17 of 22; Box 4/6
 Vol. 3A Hittorf Item #28; Series Item #18 of 22; Box 4/6
 Vol. 3A Hittorf Item #29; Series Item #19 of 22; Box 4/6
 Vol. 3A Hittorf Item #30; Series Item #20 of 22; Box 4/6

Vol. 3A Hittorf Item #31; Series Item #21 of 22; Box 4/6
 Vol. 3A Hittorf Item #32; Series Item #22 of 22; Box 4/6

Vol. 3A Jacobi Item #33; Series Item #1 of 2; Box 4/6
 Vol. 3A Jacobi Item #34; Series Item #2 of 2; Box 4/6

Vol. 3A Poggendorft Item #35; Series Item #1 of 2; Box 4/6
 Vol. 3A Poggendorft Item #36; Series Item #2 of 2; Box 4/6

Vol. 3A Crelle Item #37; Series Item #1 of 5; Box 4/6
 Vol. 3A Crelle Item #38; Series Item #2 of 5; Box 4/6
 Vol. 3A Crelle Item #39; Series Item #3 of 5; Box 4/6
 Vol. 3A Crelle Item #39A; Series Item #4 of 5; Box 4/6
 Vol. 3A Crelle Item #39B; Series Item #5 of 5; Box 4/6

Vol. 3B Bruun Item #40; Series Item #1 of 1; Box 4/6

Vol. 3B U. Baumhauer Item #41; Series Item #1 of 1; Box 4/6

Vol. 3B Lielegg Item #42; Series Item #1 of 1; Box 4/6

Vol. 3B Salm Item #43; Series Item #1 of 7; Box 4/6
 Vol. 3B Salm Item #44; Series Item #2 of 7; Box 4/6
 Vol. 3B Salm Item #45; Series Item #3 of 7; Box 4/6
 Vol. 3B Salm Item #46; Series Item #4 of 7; Box 4/6
 Vol. 3B Salm Item #47; Series Item #5 of 7; Box 4/6
 Vol. 3B Salm Item #48; Series Item #6 of 7; Box 4/6
 Vol. 3B Salm Item #49; Series Item #7 of 7; Box 4/6

Vol. 3B van der Panh Item #50; Series Item #1 of 1; Box 4/6

Vol. 3B A.W. Hofmann Item #51; Series Item #1 of 3; Box 4/6
 Vol. 3B A.W. Hofmann Item #52; Series Item #2 of 3; Box 4/6
 Vol. 3B A.W. Hofmann Item #53; Series Item #3 of 3; Box 4/6

Vol. 3B Steinheil Item #54; Series Item #1 of 5; Box 4/6
 Vol. 3B Steinheil Item #55; Series Item #2 of 5; Box 4/6
 Vol. 3B Steinheil Item #56; Series Item #3 of 5; Box 4/6
 Vol. 3B Steinheil Item #57; Series Item #4 of 5; Box 4/6
 Vol. 3B Steinheil Item #58; Series Item #5 of 5; Box 4/6

Vol. 3B J.G. Hofmann Item #59; Series Item #1 of 1; Box 4/6

Vol. 3B Wullner Item #60; Series Item #1 of 2; Box 4/6
 Vol. 3B Wullner Item #61; Series Item #2 of 2; Box 4/6

Vol. 3B Hempel Item #62; Series Item #1 of 3; Box 4/6
 Vol. 3B Hempel Item #62A; Series Item #2 of 3; Box 4/6
 Vol. 3B Hempel Item #62B; Series Item #3 of 3; Box 4/6

Vol. 3B Littrow Item #63; Series Item #1 of 1; Box 4/6

Vol. 3B Heinen Item #64; Series Item #1 of 1; Box 4/6

Vol. 3B Grunert Item #65; Series Item #1 of 1; Box 4/6

Vol. 3B Pott Item #66; Series Item #1 of 3; Box 4/6
 Vol. 3B Pott Item #67; Series Item #2 of 3; Box 4/6
 Vol. 3B Pott Item #68; Series Item #3 of 3; Box 4/6

Vol. 3B Klein Item #69; Series Item #1 of 1; Box 4/6

VOL. 4 -- GERMAN Continued in VOL. 6 -- GERMAN

Vol. 4 Miscellaneous Item #1; (Dr. J. Voluelze); Series Item #1 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #2; (Dr. J. Voluelze); Series Item #2 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #3; (Dr. J. Voluelze); Series Item #3 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #4; (A.M. Subjagal); Series Item #4 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #5; (C.J. Wenokebach); Series Item #5 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #6; (L. Pruzanbory); Series Item #6 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #7; (Wehmayer); Series Item #7 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #8; (L. Auroy); Series Item #8 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #9; (Scim Cinopen); Series Item #9 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #10; (Munihon); Series Item #10 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #11; (Dunones); Series Item #11 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #12; (Letter 1 of 4 - 1835); Series Item #12 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #13; (Letter 2 of 4 - 1836); Series Item #13 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #14; (Letter 3 of 4 - Jan 1837); Series Item #14 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #15; (Letter 4 of 4 - Nov 1837); Series Item #15 of 30; Box 5/6
 Vol. 4 Miscellaneous Item #16; (Adolf Mania); Series Item #16 of 30; Box 5/6
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