The Library

What is a library?

- library ← librarium (a chest containing books) ← liber (book)
- bibliotheca ← from bibliotheca ← from βιβλιοθήκη ← βιβλίον (book)
- In various languages:
  - German: Bibliothek
  - French: Bibliothèque
  - Russian: библиотека
  - Italian: biblioteca
  - Dutch: bibliotheek
  - Hungarian: könyvtár
  - Czech: knihovna

(source: wiktionary)

Our library

- Three floors:
  - Floor 1: books published after 1950 (A-C); series (IAU Symposia, ASP Conferences etc.)
  - Floor 2: books published after 1950 (D-Z)
  - Floor 3: books published before 1950; atlases; various papers, books etc. of former colleagues (László Detre, Béla Szeidl, Magda Vargha)
- Journals: in storage in Törökbálint
- Observatory publications: in storage in Geographical Institute, Research Centre for Astronomy and Earth Sciences (Budaörsi út 45.)
- Ask the librarian if you need something from these

Floor 1

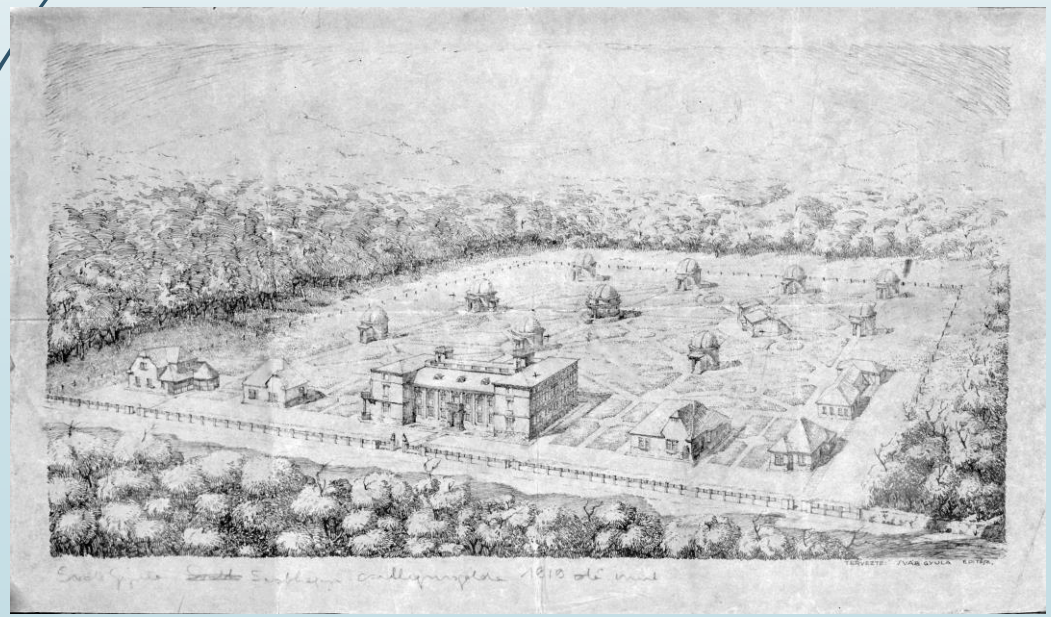
Floor 2


Gesammelte Werke
Collected Works
Series B
Dieter B. Hermann ASTRONOMIE
Großes Lexikon der Astronomie
NICOLAUS COPERNICUS


TOWARD AN INTERNATIONAL VIRTUAL OBSERVATORY
Q
R
P

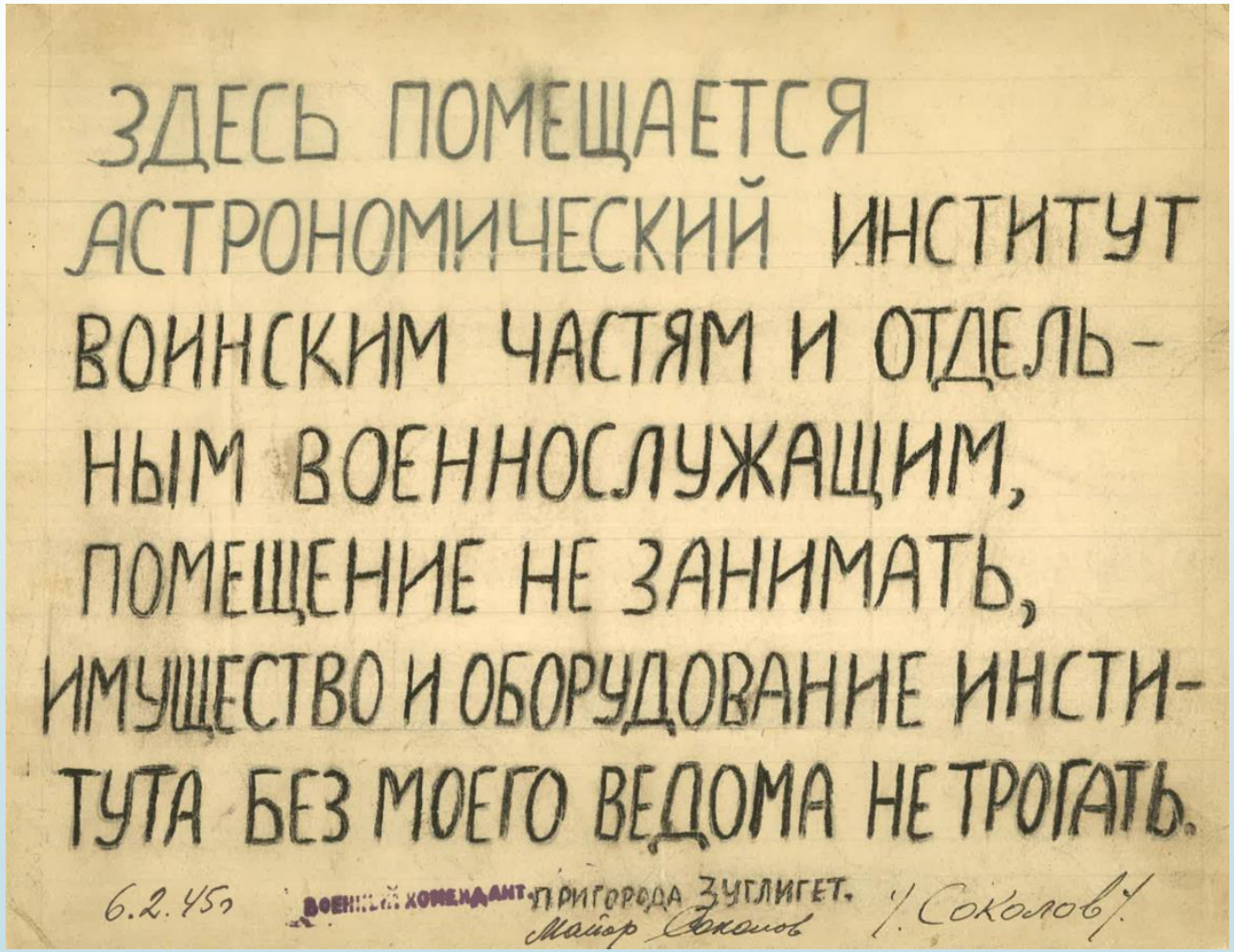
A bit of history

- 1871 Konkoly Thege in Ógyalla (Stará Ďala, Hurbanovo since 1948)
- 1899 Hungarian State
- Budapest after WWI



Major Sokolov

- „The Astronomical Institute is housed here. Military units and individual military personnel, do not enter these premises and do not touch the property and equipment without my knowledge.”
- Zugliget, Major Sokolov
- (He saved the Jókai Villa, too)

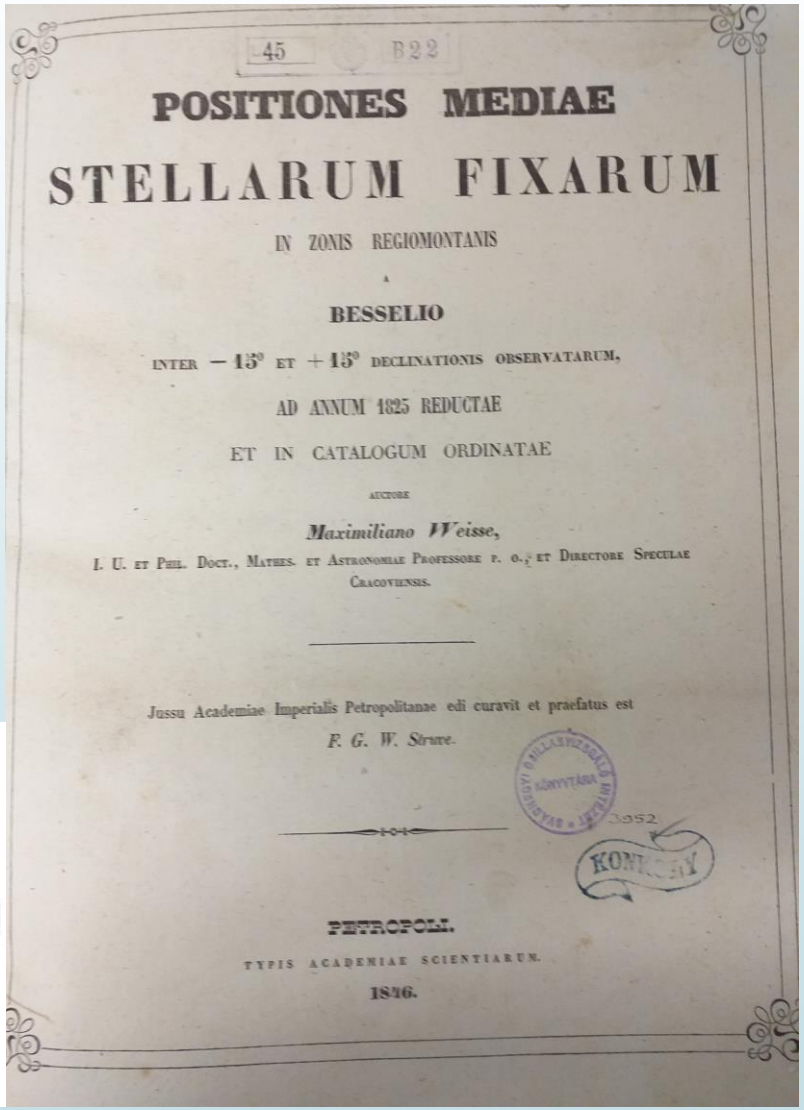


The sources of the books: stamps, ex libris

Imre Eklér (?-1836), engineer

The sources of the books: Nicholas de Konkoly Thege

- He had 2725 books in his library in 1886 (Aladár György, ed.: *Magyarország köz- és magánkönyvtárai 1885-ben*, II. rész, Statisztikai Hivatal, 1886) [„Public and Private Libraries in Hungary in 1885”]
- We have only a few.



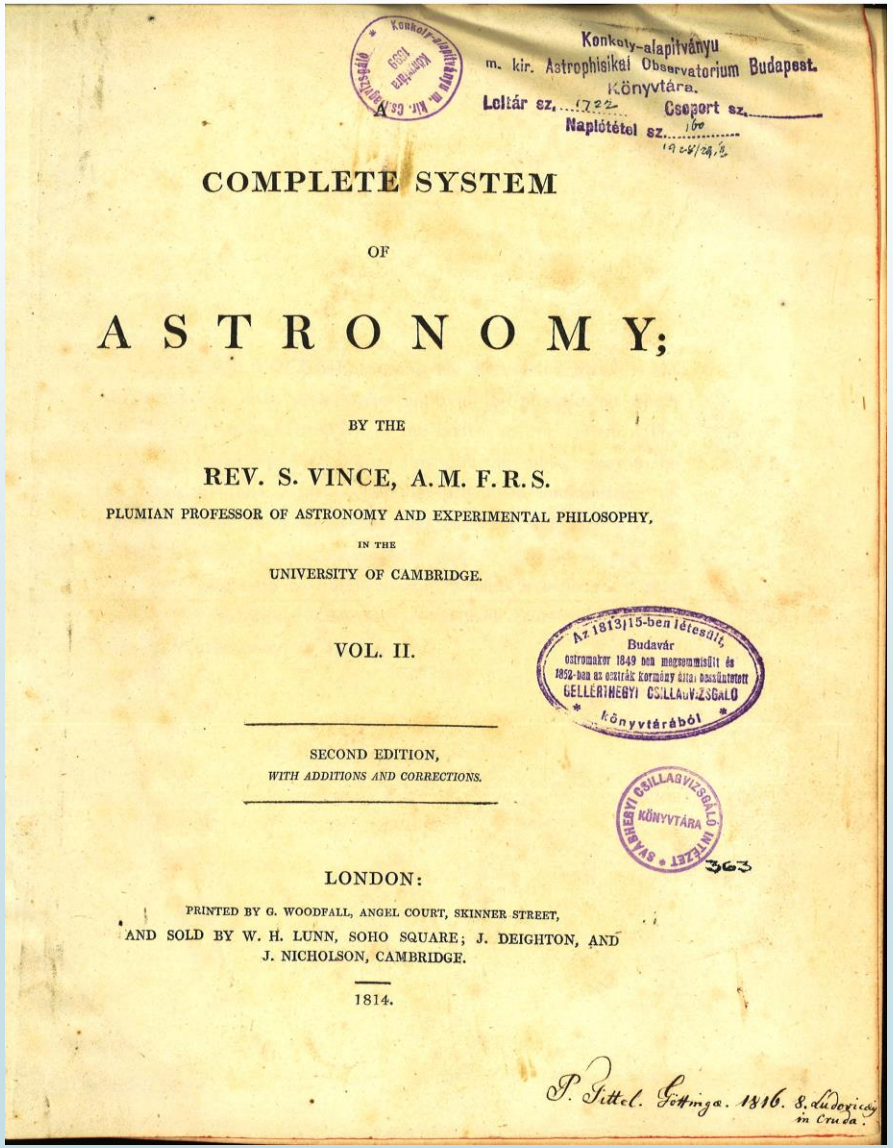
The sources of the books: the University of Nagyszombat

- University of Nagyszombat (1635-1777).
- Moved to Buda, later to Pest.
- Its legal successor is Eötvös Loránd University Budapest.
- The present-day Trnavská univerzita v Trnavě was founded in 1992.
- „Inscripit Tyrnaviae In Usum Professoris Matheseos. Pro museo Mathematico a P. Michaele Lipsitz. Anno 1744." →
- Gift of Michael Lipsicz, professor of mathematics

BASIS ASTRONOMIÆ
Sive
ASTRONOMIÆ PARS MECHANICA
In qva Deſcribuntur Obſervatoria, atqve Inſtrumenta Aſtronomica Rœmeriana Danica; ſimulqve eorundem uſus,
Sive
METHODI OBSERVANDI ROEMERIANÆ
In uſum publicum, & præſertim in gratiam unà prodeuntis valde inſignis atqve uſûs ampliſſimi, nunqvam non poſteris memorandi
TRIDUI
OBSERVATIONUM TUSCULANARUM
ROEMERI
Ex Fundamentis Exponuntur
a
PETRO HORREBOWIO
Philoſophiæ & Medicinæ Doctore,
In Univerſitate Havnienſi Aſtronomiæ Profeſſore,
ac Societatis Artium Pariſienſis membro.
HAVNIÆ,
Apud Viduam beati Hieron. Chriſtiani Paulli
Anno MDCCXXXV.

The sources of the books: astronomers

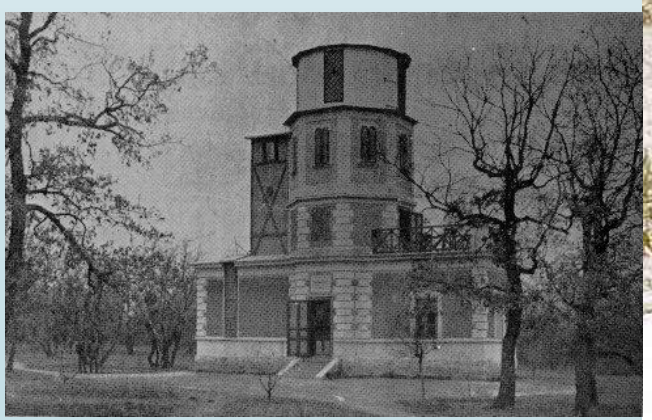
- Astronomers of the Observatory at Gellérthegy (Blocksberg):
  - Johann Pasquich (Ivan Paskvić, 1754-1829): we don't know which ones
  - Pál Tittel (1784-1831): we know which ones (P. Tittel Göttingae1816. 8. Ludovic … in Cruda →)
  - Ferenc Albert of Montedego (1811-1883): from the Kiskartal Library



The sources of the books: Kiskartal

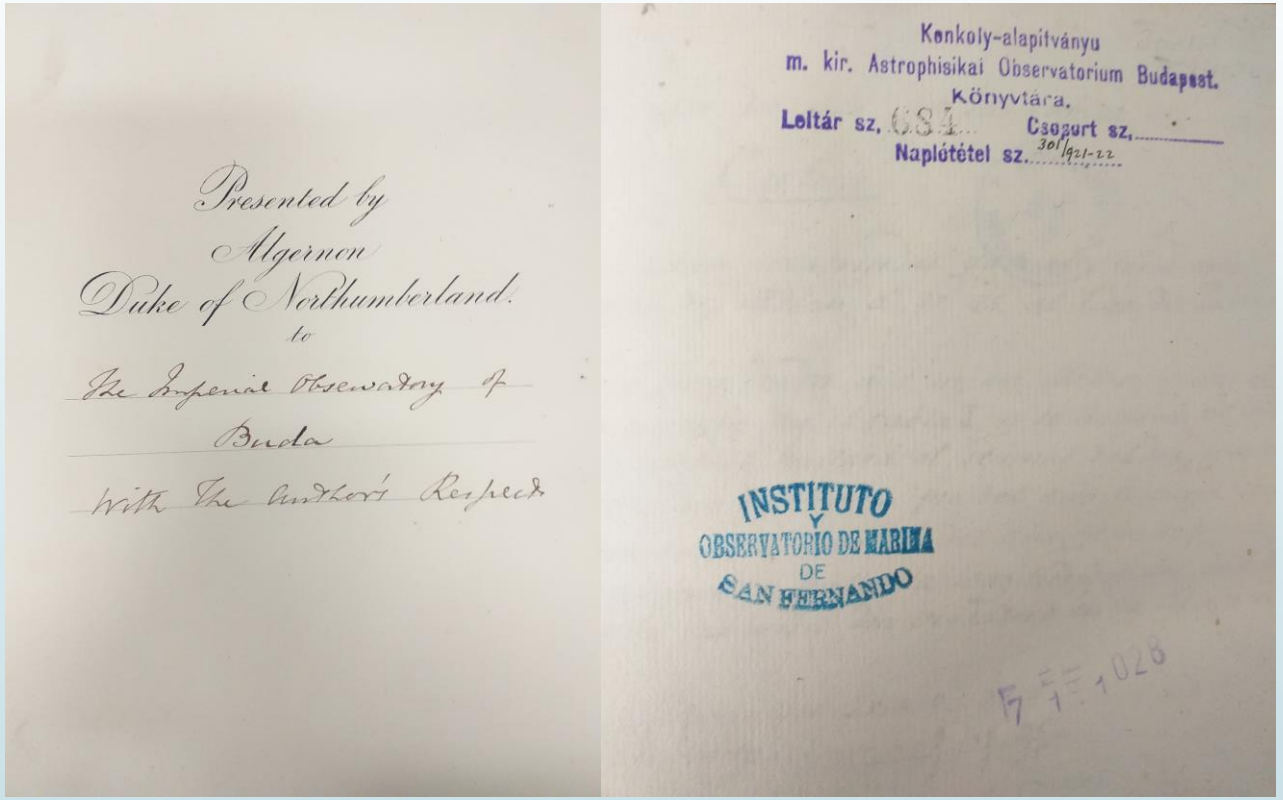
- Berta Degenfeld-Schomberg (1843-1928)
- The Podmaniczky-Degenfeld library was an inportant source of *hungarica*
- She managed the library: corresponded with book dealers, bought books etc.
- Our library inherited the astronomy and some of the physics books
- Amateur astronomers

  (S Andromedae)



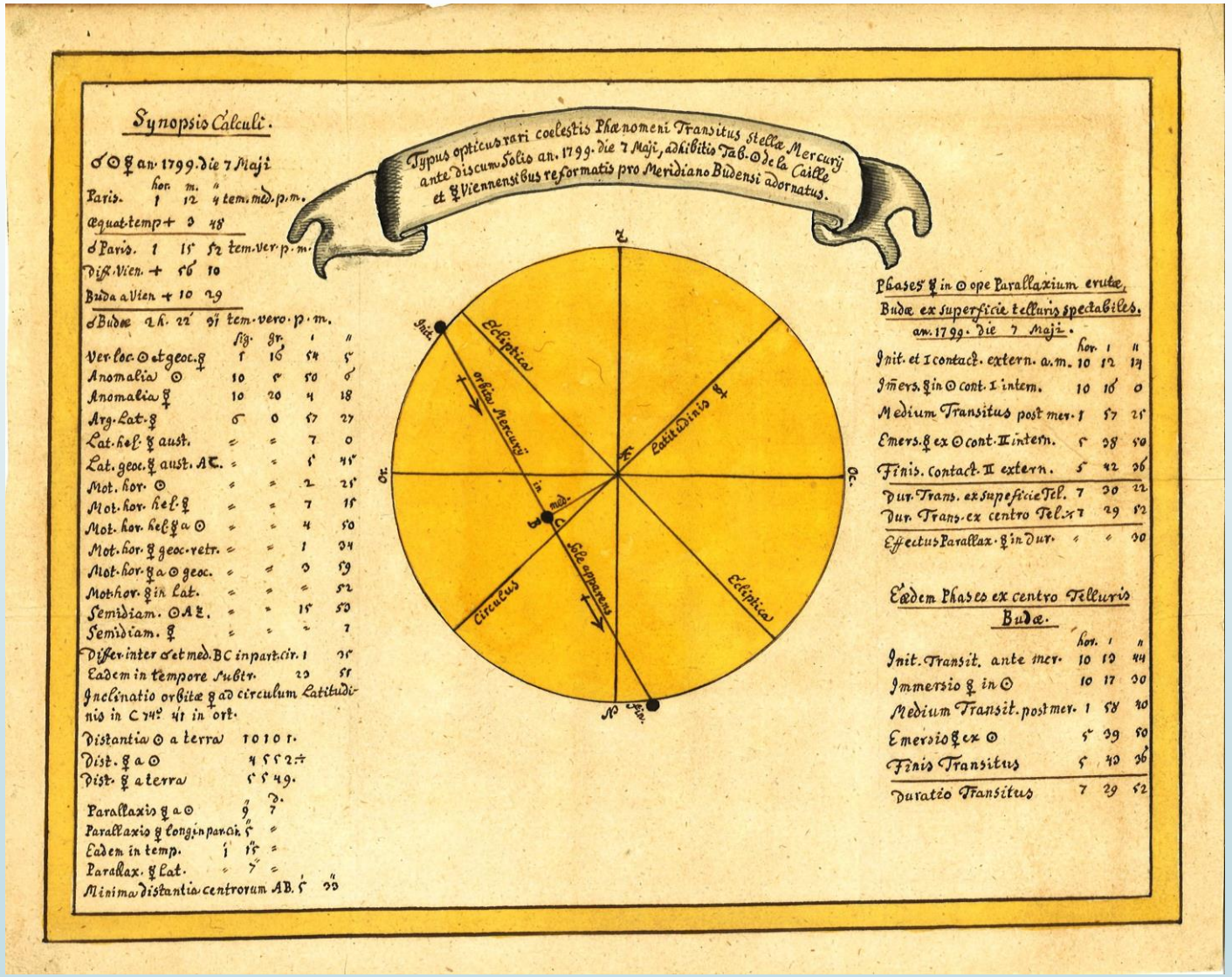
The sources of the books: other

- Various other sources:
  - Duplicate volumes from National Széchényi Library
  - Several books marked as „Duplicado" from the Instituto Observatorio de Marina de San Fernando
  - Gifts from astronomers (Béla Harkányi, Tibor Herczeg etc.), private persons etc.



What can we find in the library?

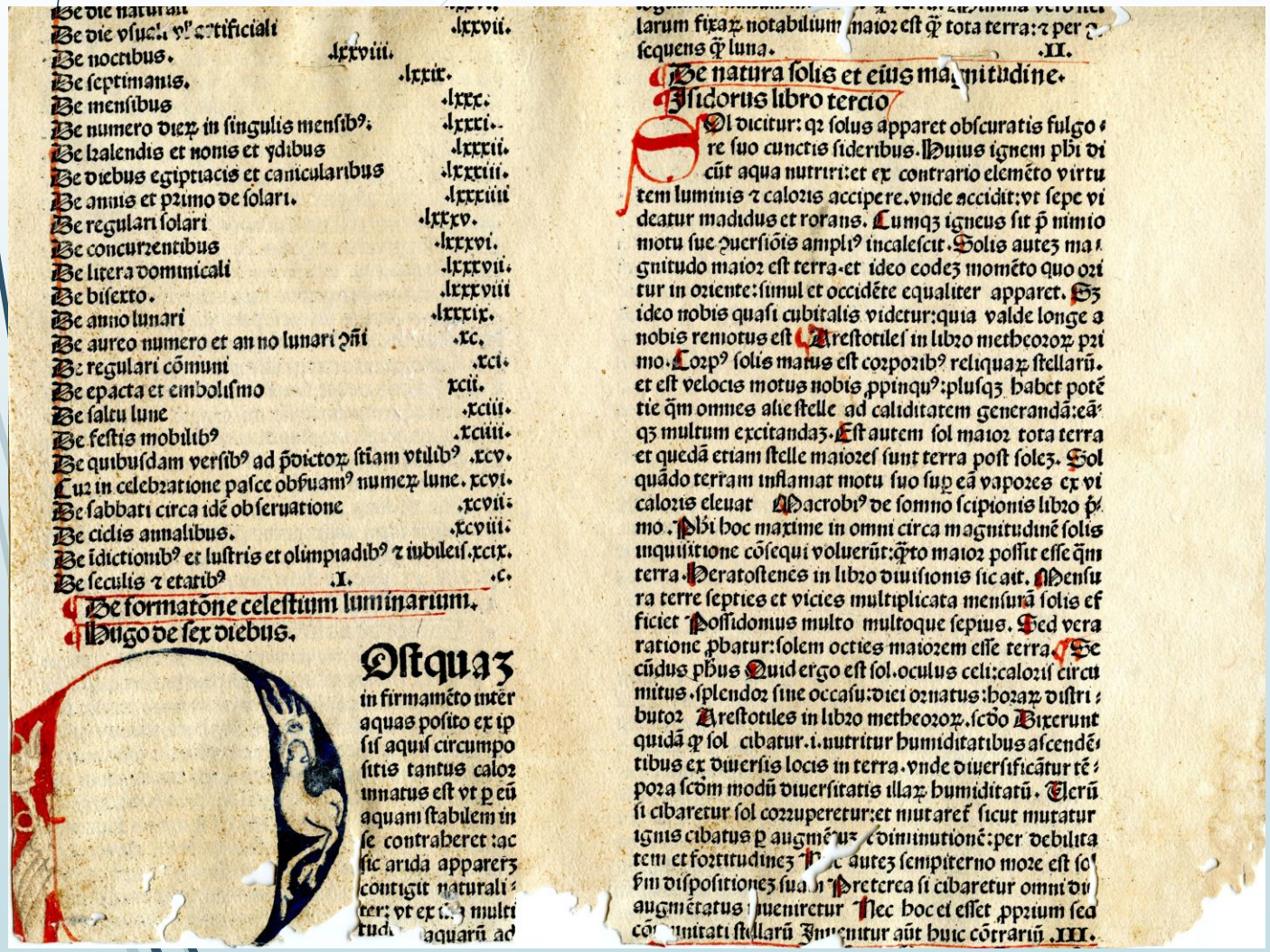
- Books
  - Astronomy
  - Physics
  - Mathematics
  - Geography
  - Literature
- Manuscripts
- Atlases
- Papers like this one →



Examples: Books

- We have no incunabulum
- Oldest book:
- *Clarissimi Hyginij Astronomi De Mundi et Sphere Ac Utriusque Partium Declaratione Cum Planetis Et Variis Signis Historiatis* (Impressum Venetiis Per Ioannem Baptistam Sessa. Anno Domini M. CCCCC. II. Die XXV. Mensis Augusti)

Or is there one?



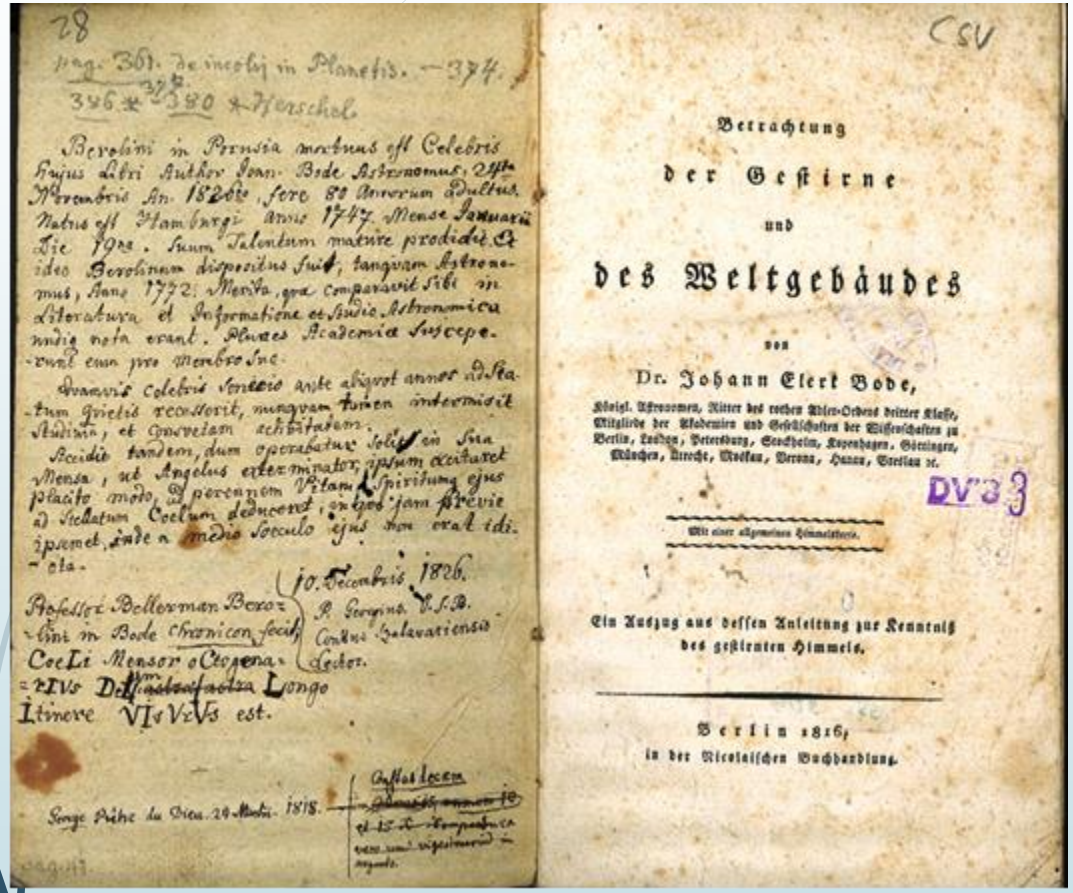
- *Incipit speculum naturale Vincentij beluacensis fratris ordinis predicatoru(m)*. [Strasbourg]: [Printer of the Legenda aurea], [ca. 1481] (GW M50625).
- Lib. XVI.: de opere quarte diei (on the works of the fourth day)
- From the binding of David Origanus: *Novae Motuum Coelestium Ephemerides Brandenvrgicae* (1609)
- Vincent of Beauvais (c. 1184/1194–c. 1264), a dominican friar

List of authors

- Kepler
- Galilei
- Laplace
- Lagrange
- Bode
- William Herschel
- John Herschel
- Humboldt
- Kobold

- Hungarian authors:
- Pál Makó
- János Horváth
- János Molnár
- Ádám Horváth (Pálóczi)
- Miklós Konkoly Thege
- Radó Kövesligethy

A few books



Betrachtung

der Gestirne

und

des Weltgebäudes

von

Dr. Johann Elert Bode,

Königl. Astronomen, Ritter des rothen Adler-Ordens dritter Klasse, Mitgliede der Akademien und Gesellschaften der Wissenschaften zu Berlin, London, Petersburg, Stockholm, Kopenhagen, Göttingen, München, Utrecht, Madrid, Verona, Hanau, Breslau ꝛc.

Mit einer allgemeinen Himmelskarte.

Ein Auszug aus dessen Anleitung zur Kenntniß des gestirnten Himmels.

Berlin 1816,

in der Nicolaischen Buchhandlung.

Vollständiger

Lehrbegriff der Optik

nach

Herrn Robert Smiths

Englischen

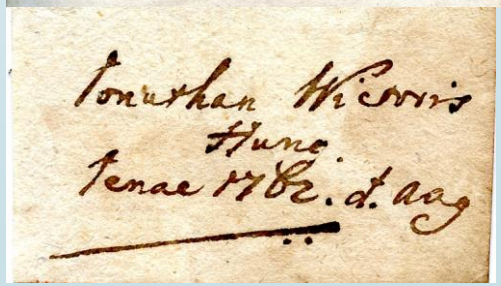
mit Aenderungen und Zusätzen

ausgearbeitet

von

Abraham Gotthelf Kästner

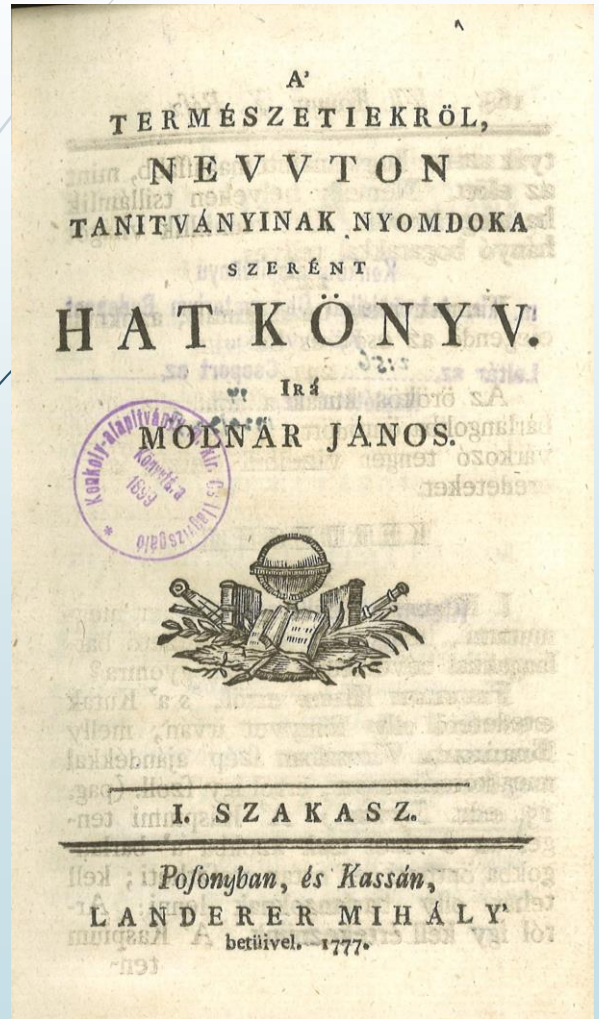
Altenburg, in der Richterischen Buchhandlung 1755.



The Chronostichon: CoeLi Mensor, oCtogenarIVs,

Del astra Longo ItInere VisVrVs est. (1826, the year of Bode's death)

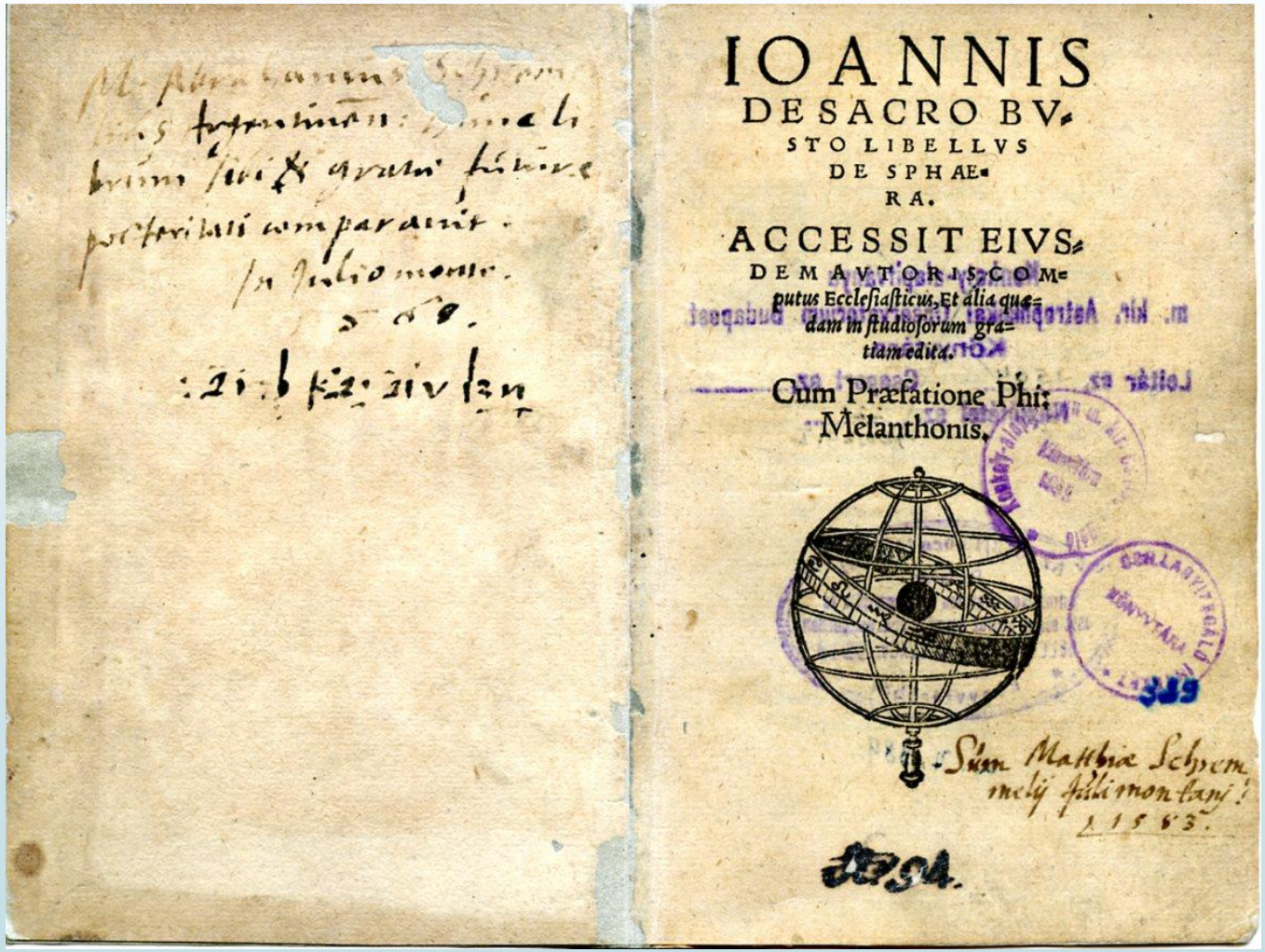
More books



A'
TERMÉSZETIEKRÖL,
NEVVTON
TANITVÁNYINAK NYOMDOKA
SZERÉNT
HAT KÖNYV.
Irá
MOLNÁR JÁNOS.

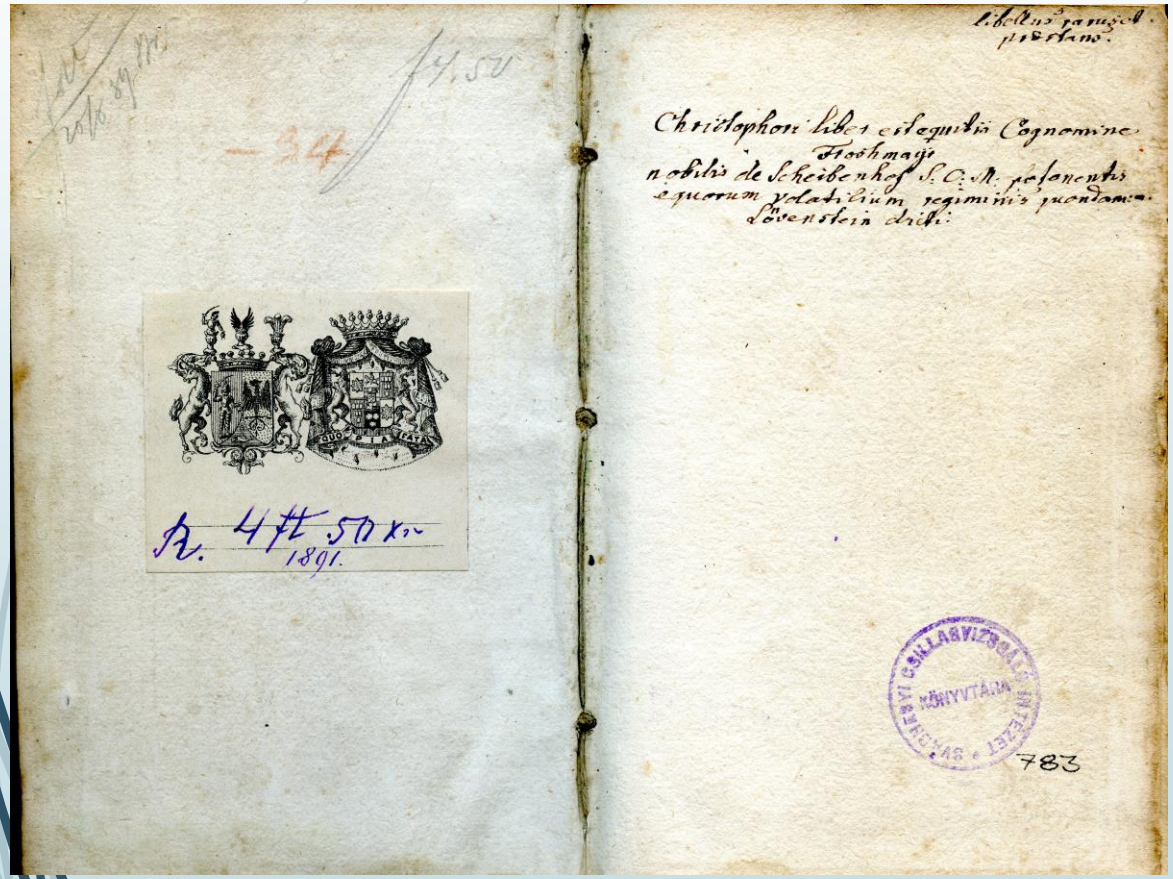
I. SZAKASZ.

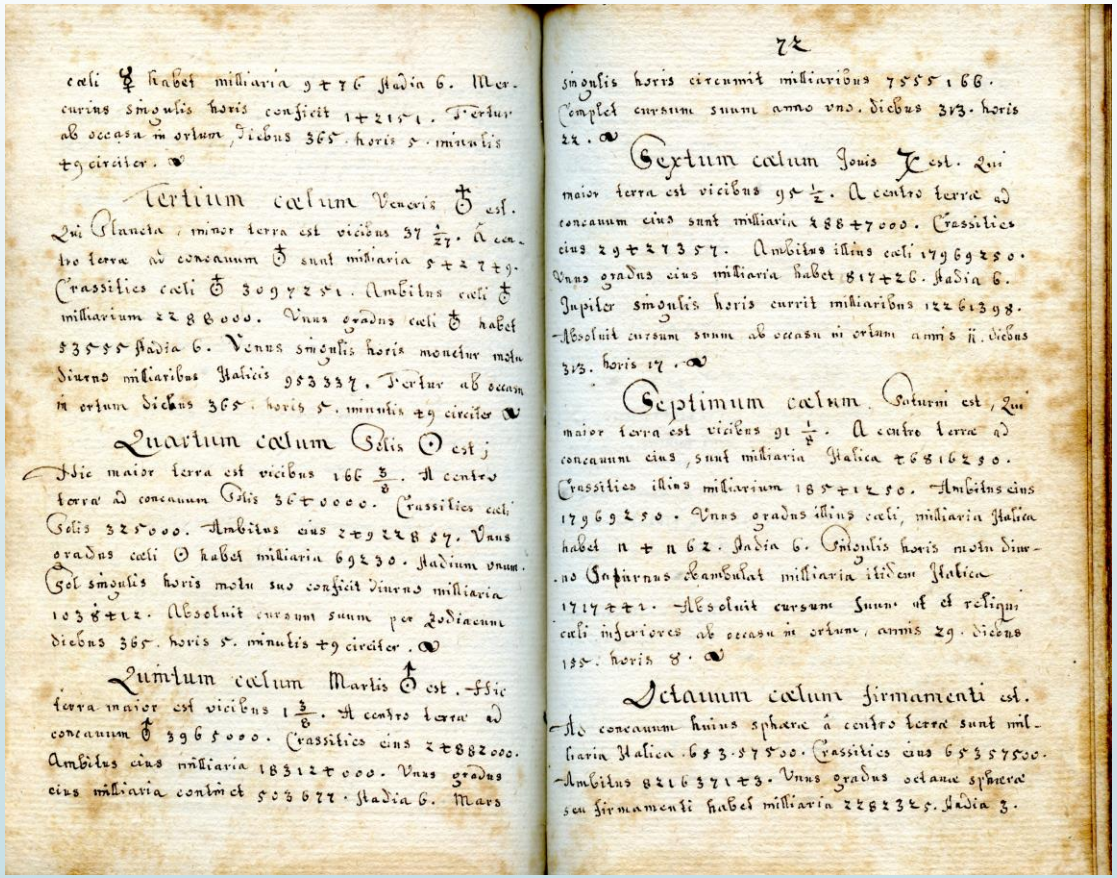
Posonyban, és Kassán,
LANDERER MIHÁLY'
betüivel. 1777.



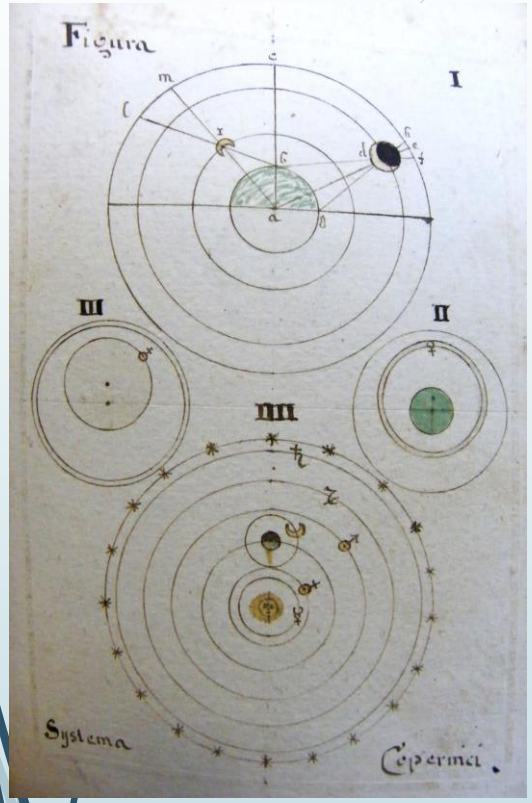
IOANNIS
DE SACRO BV-
STO LIBELLVS
DE SPHAE-
RA.
ACCESSIT EIVS-
DEM AVTORIS COM-
putus Ecclesiasticus, Et alia quę-
dam in studiosorum gra-
tiam edita.
Cum Præfatione Phi:
Melanthonis.

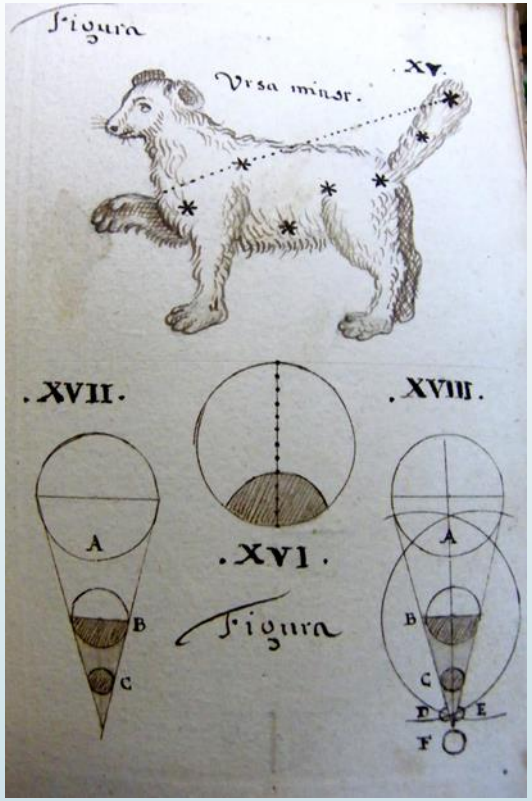
Manuscript: „In sphaeram mundi caelestem, et Astrolabium in lapide exaratum, breuis instructio ac usus. 1672.”

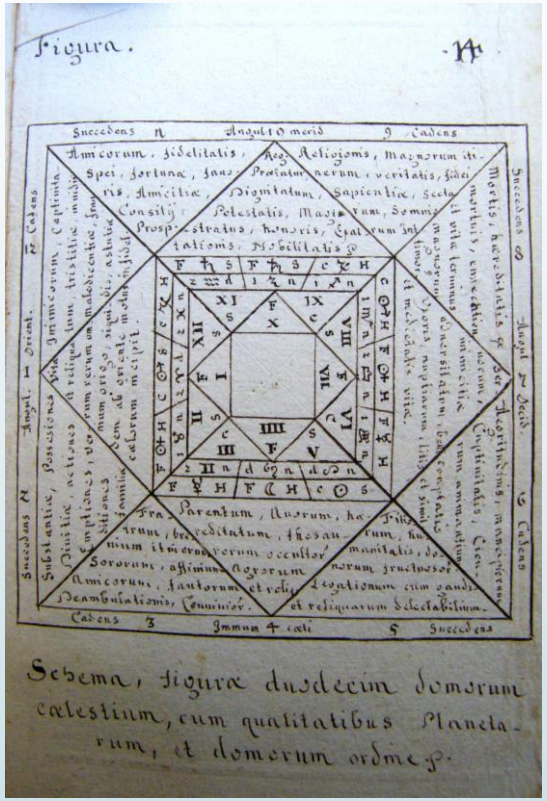


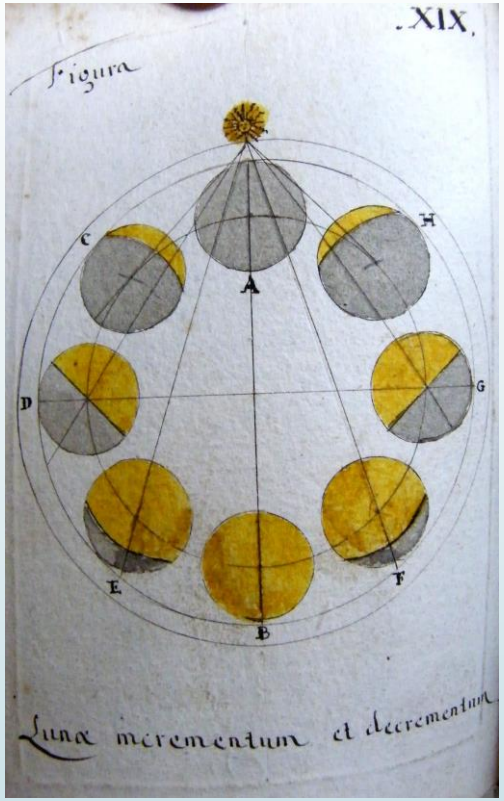


From the same manuscript



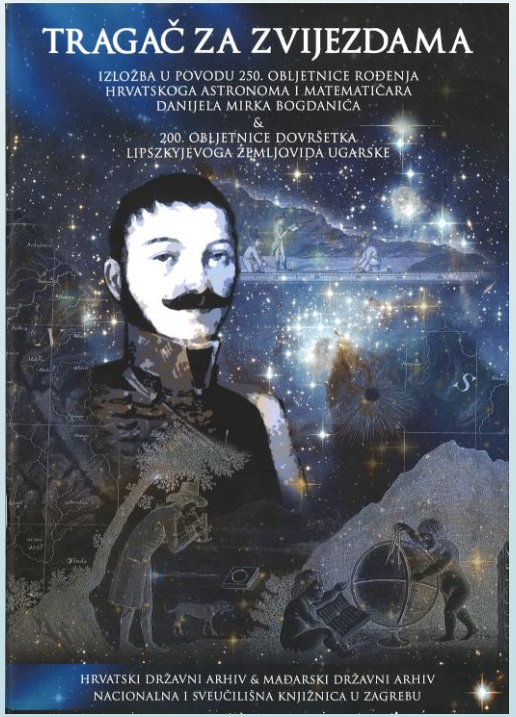


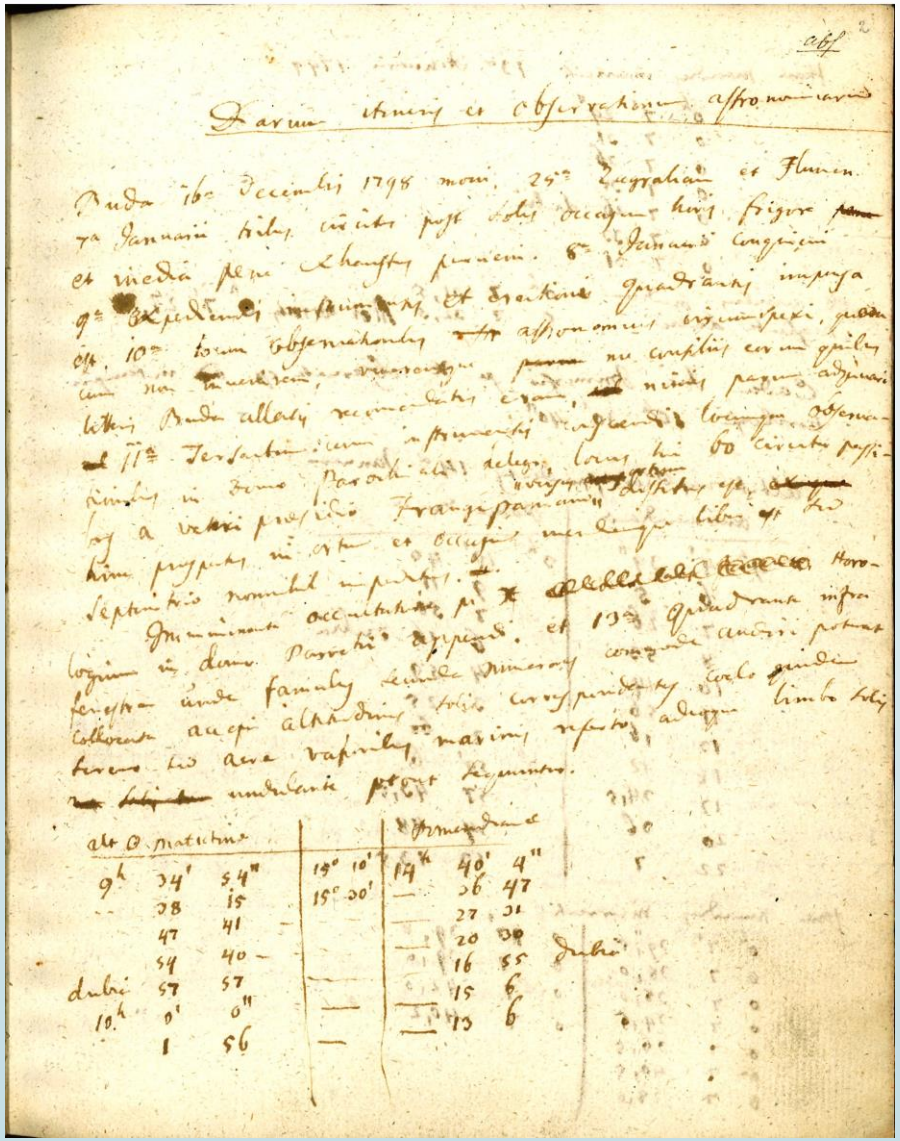




Mapping of Hungary: Imre Daniel Bogdanich

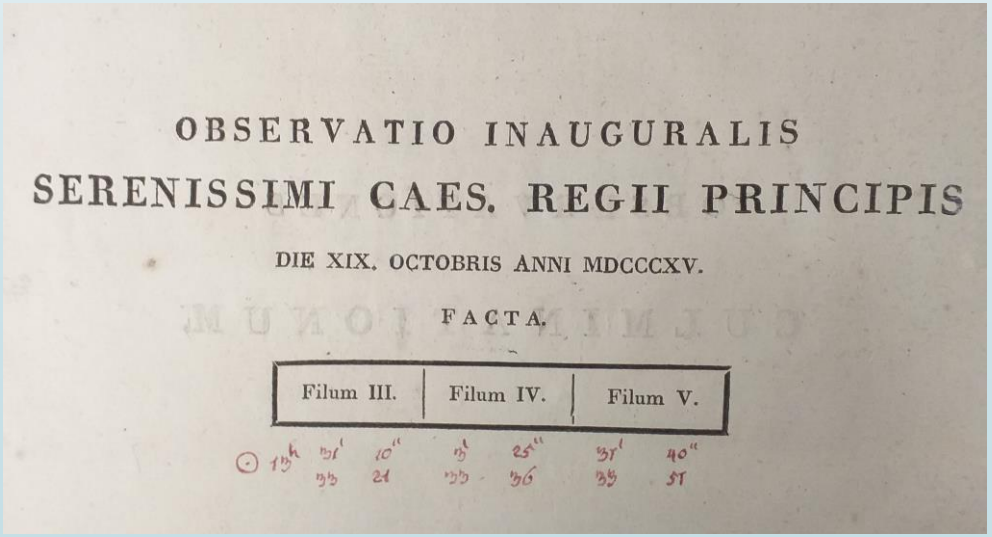
- Imre Daniel (Mirko Danijel) Bogdanich (1760-1802)
- Measured the southern part of Hungary





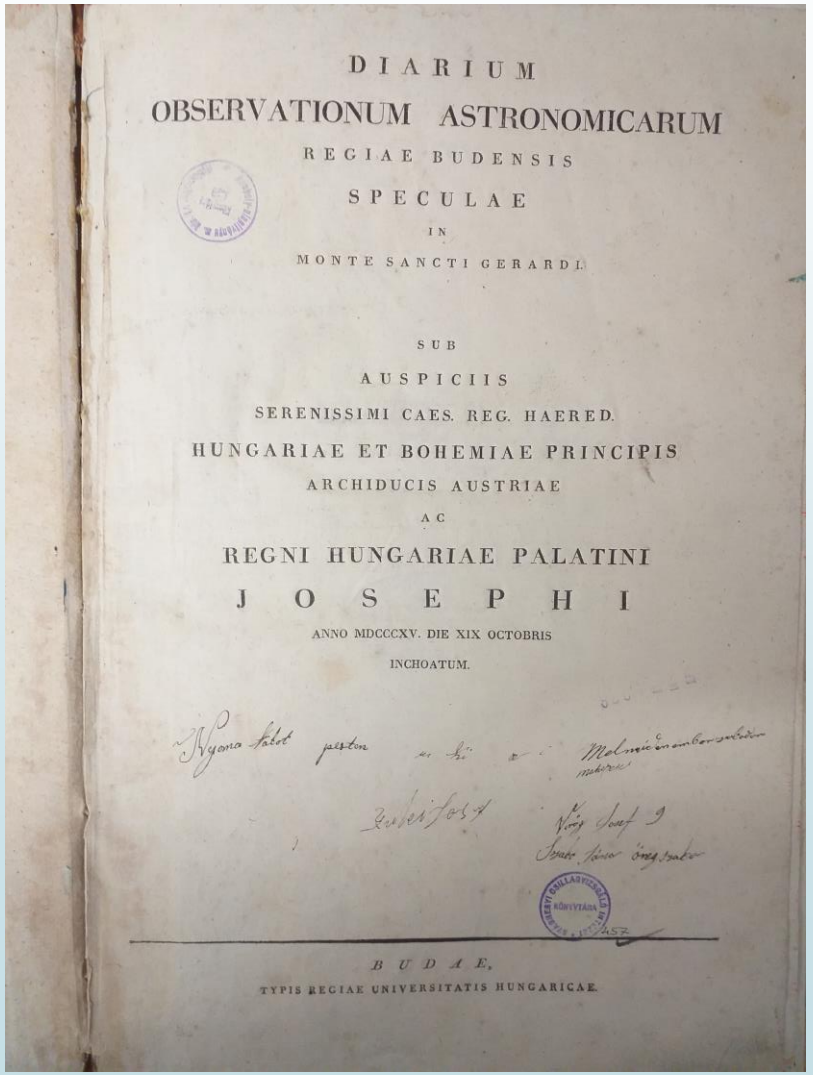
The first observing log at Gellérthegy

- October 19 1815
- Three kings:
  - Austrian (Francis I)
  - Prussian (Frederick William III)
  - Russian (Alexander I)



OBSERVATIO INAUGURALIS
SERENISSIMI CAES. REGII PRINCIPIS
DIE XIX. OCTOBRIS ANNI MDCCCXV.
FACTA.

Filum III.	Filum IV.	Filum V.



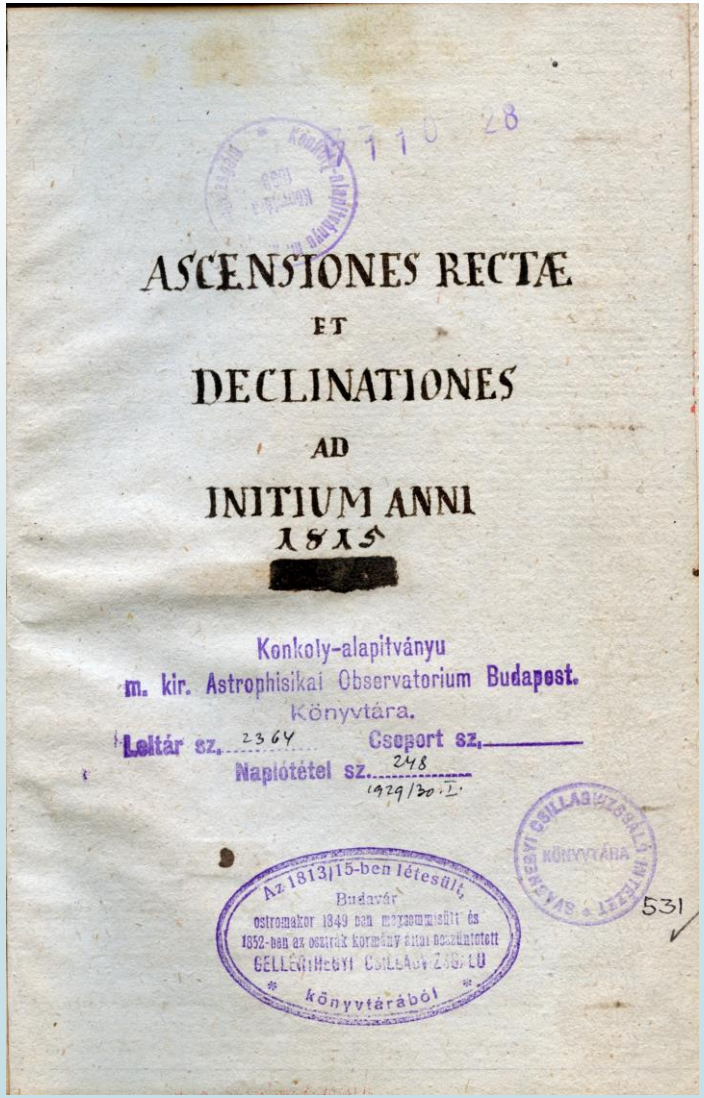
DIARIUM
OBSERVATIONUM ASTRONOMICARUM
REGIAE BUDENSIS
SPECULAE
IN
MONTE SANCTI GERARDI.

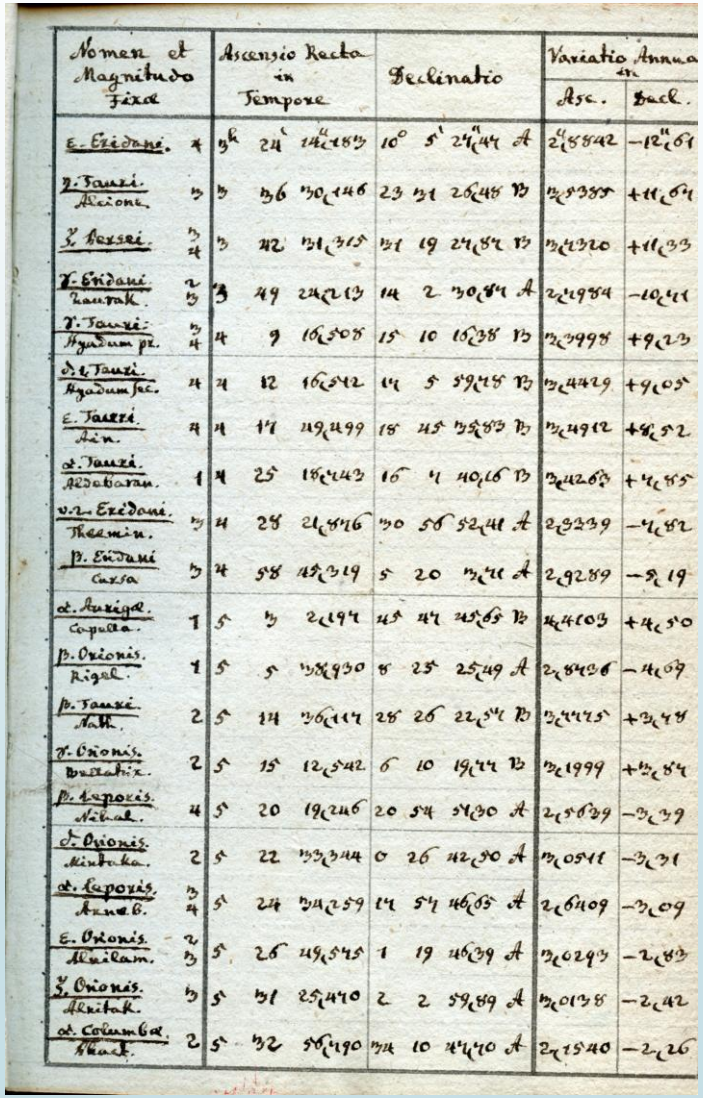
SUB
AUSPICIIS
SERENISSIMI CAES. REG. HAERED.
HUNGARIAE ET BOHEMIAE PRINCIPIS
ARCHIDUCIS AUSTRIAE
AC
REGNI HUNGARIAE PALATINI
J O S E P H I
ANNO MDCCCXV. DIE XIX OCTOBRIS
INCHOATUM.

BUDAE,
TYPIS REGIAE UNIVERSITATIS HUNGARICAE.

Star catalogue of Johann Pasquich

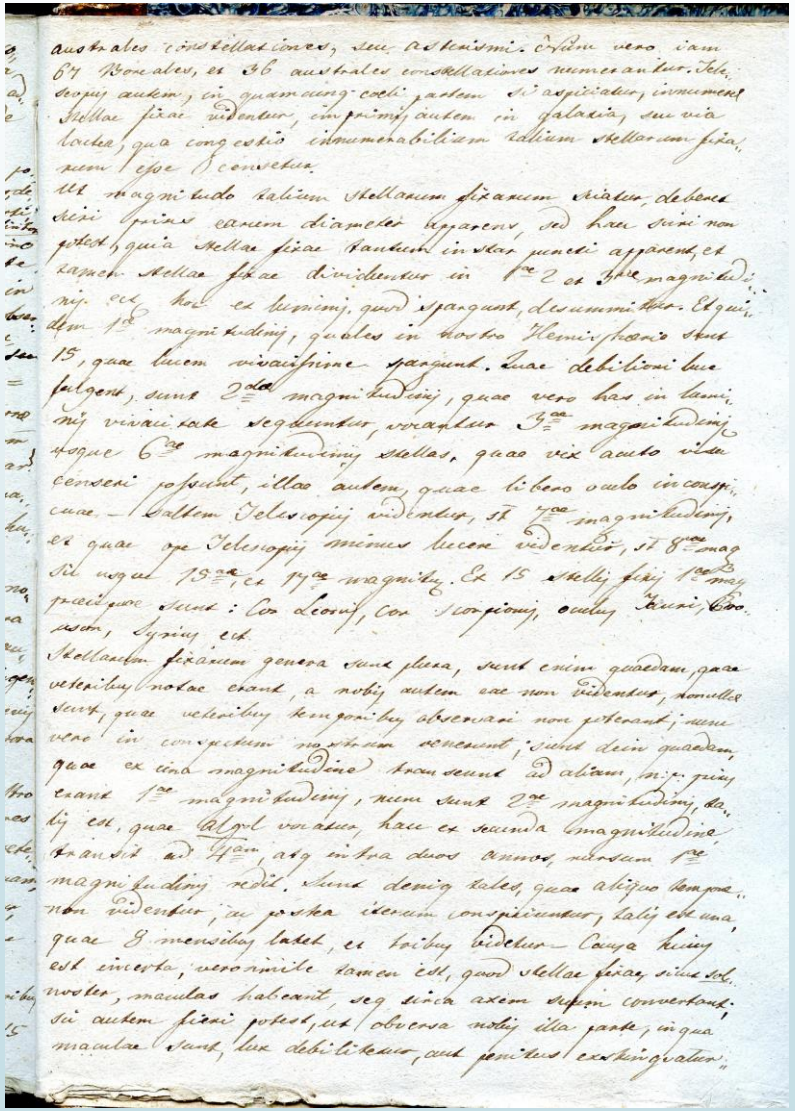
- Johann Pasquich (Ivan Paskvić, 1754-1829)
- Director of Observatory at Gellérthegy





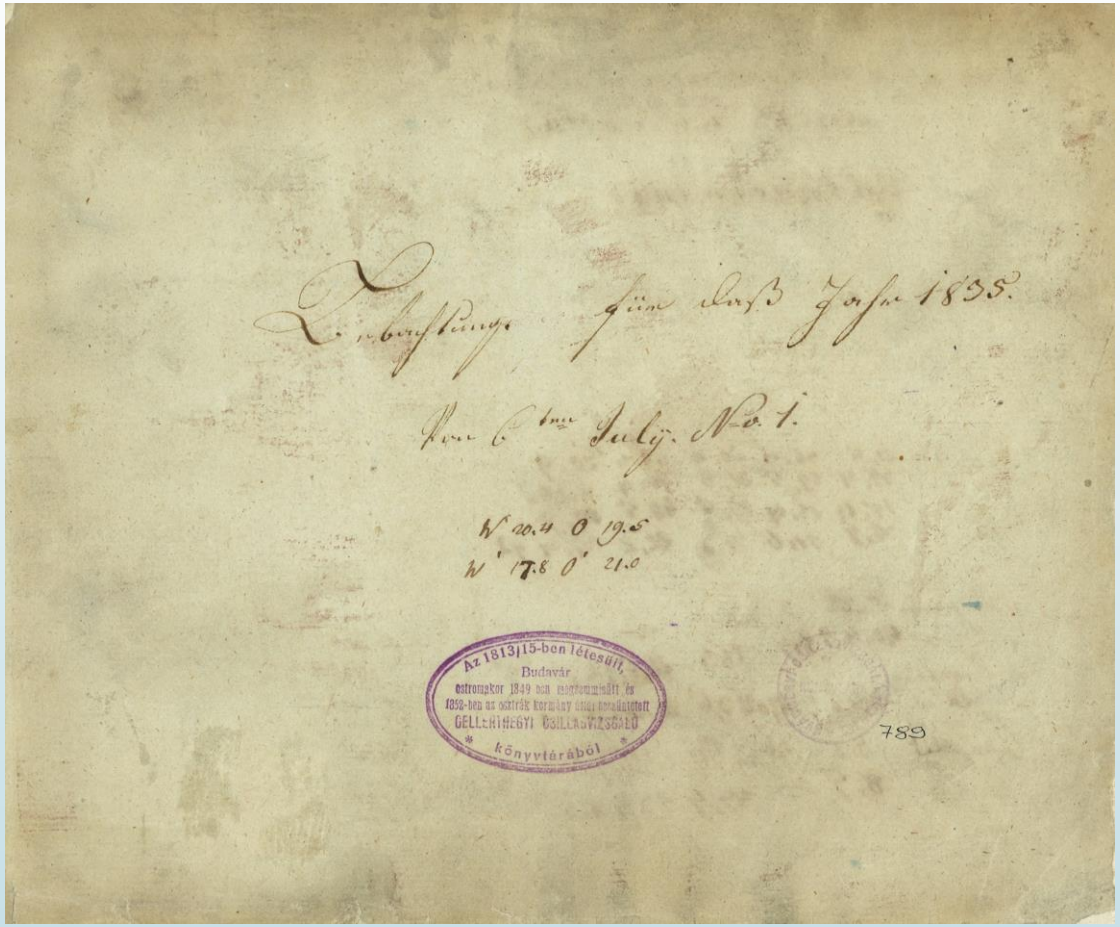
The lectures of Lőrinc Gröber (1830's)

- „Compendium Scientiae legem Naturae seu Physicae conscriptum per D. Laurentium Grőber Act. LL. et Philosophiae Doctorem Physices autem in alma ac celeberrima Universitate Regia Pestana Professorem"
- „Stellarum fixarum genera sunt plura…"

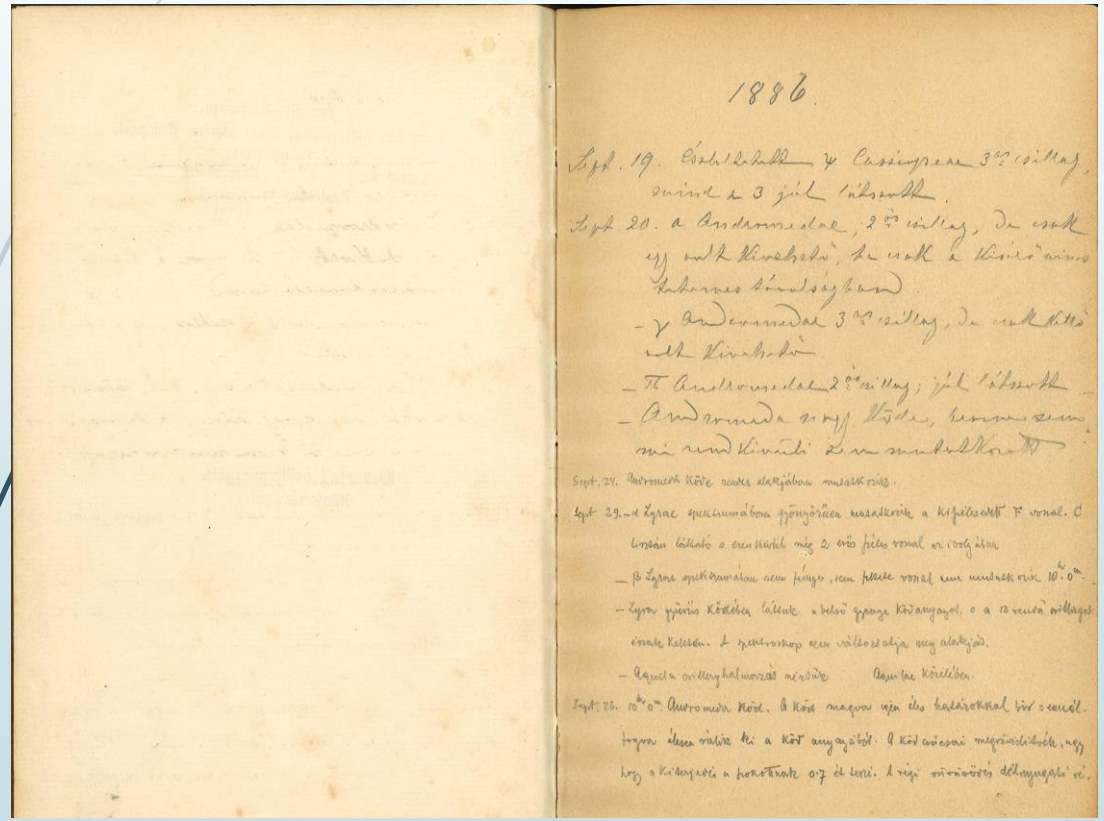


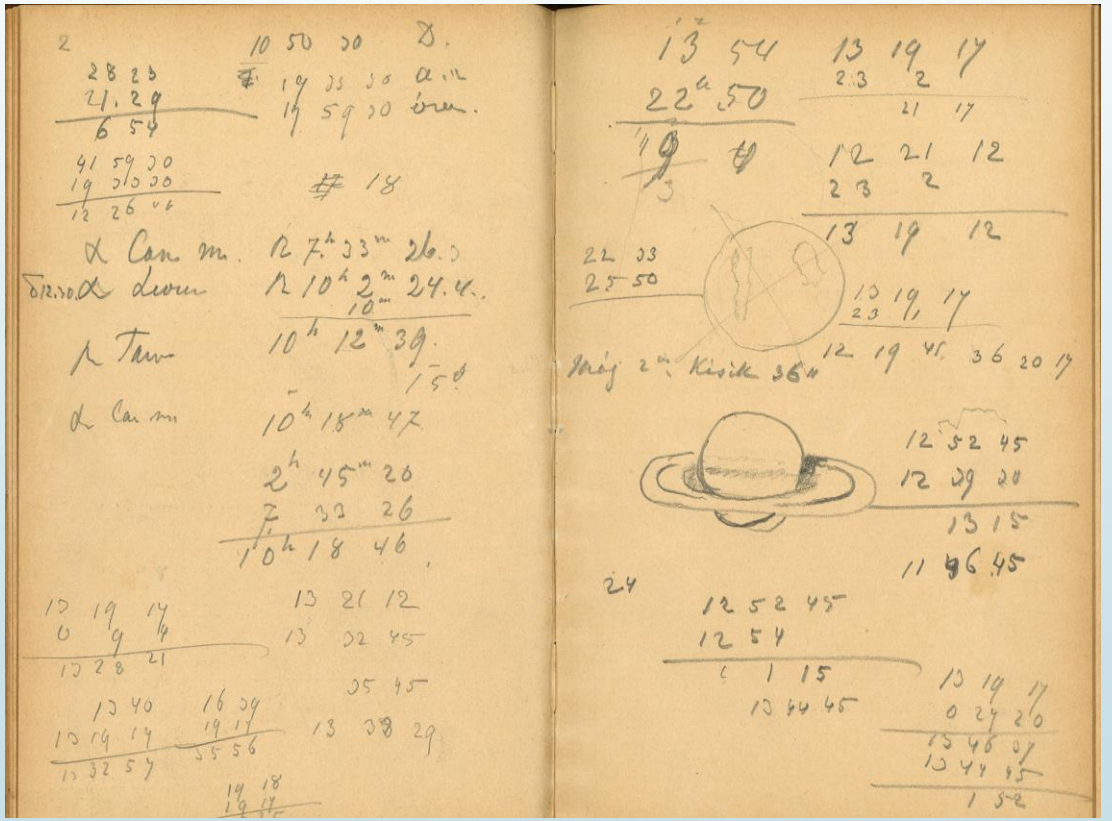
The observations of Ferenc Albert

- Ferenc Albert of Montedego (1811-1883)
- Beobachtungen für daß Jahre 1835
- He saved (most of) the books and instruments in 1849

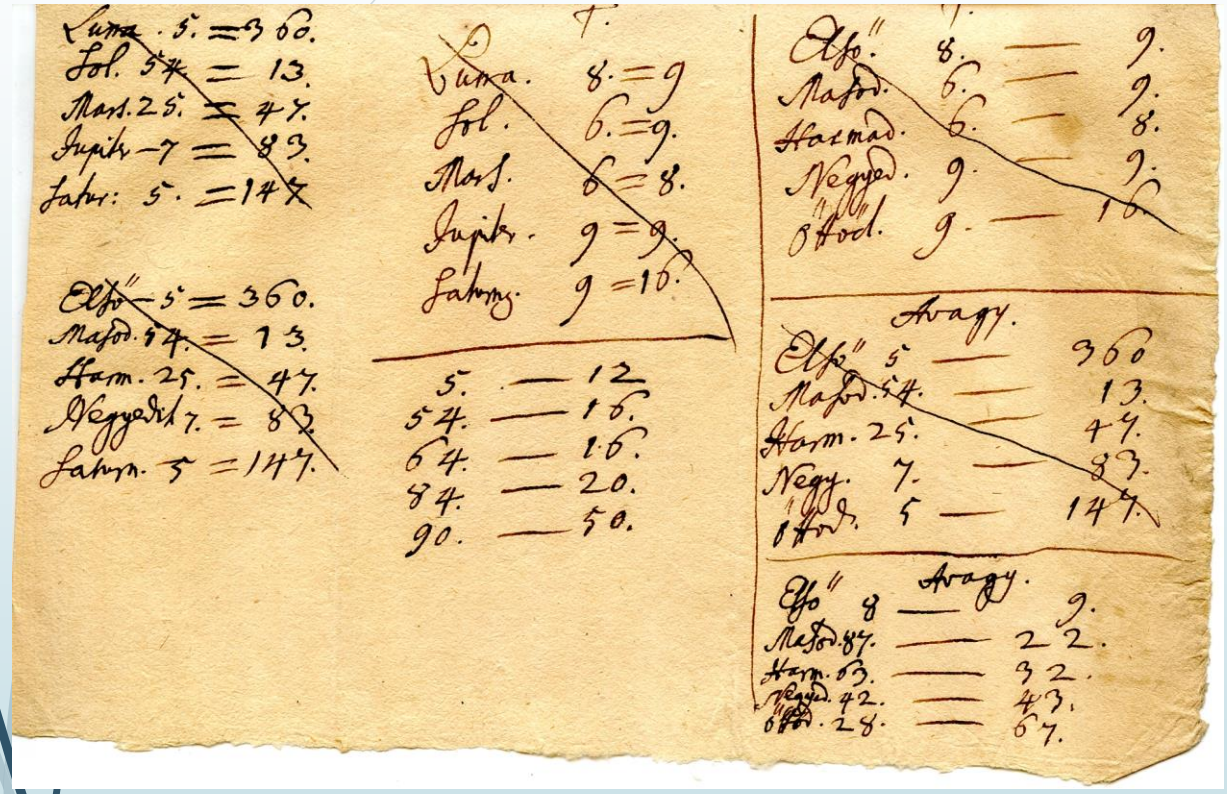


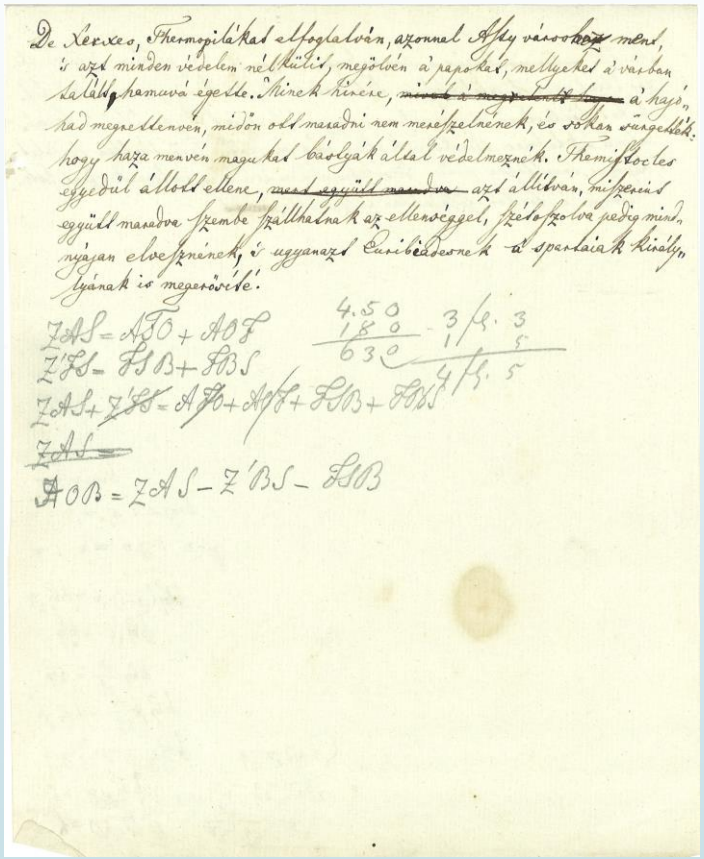
The observing log of Kiskartal



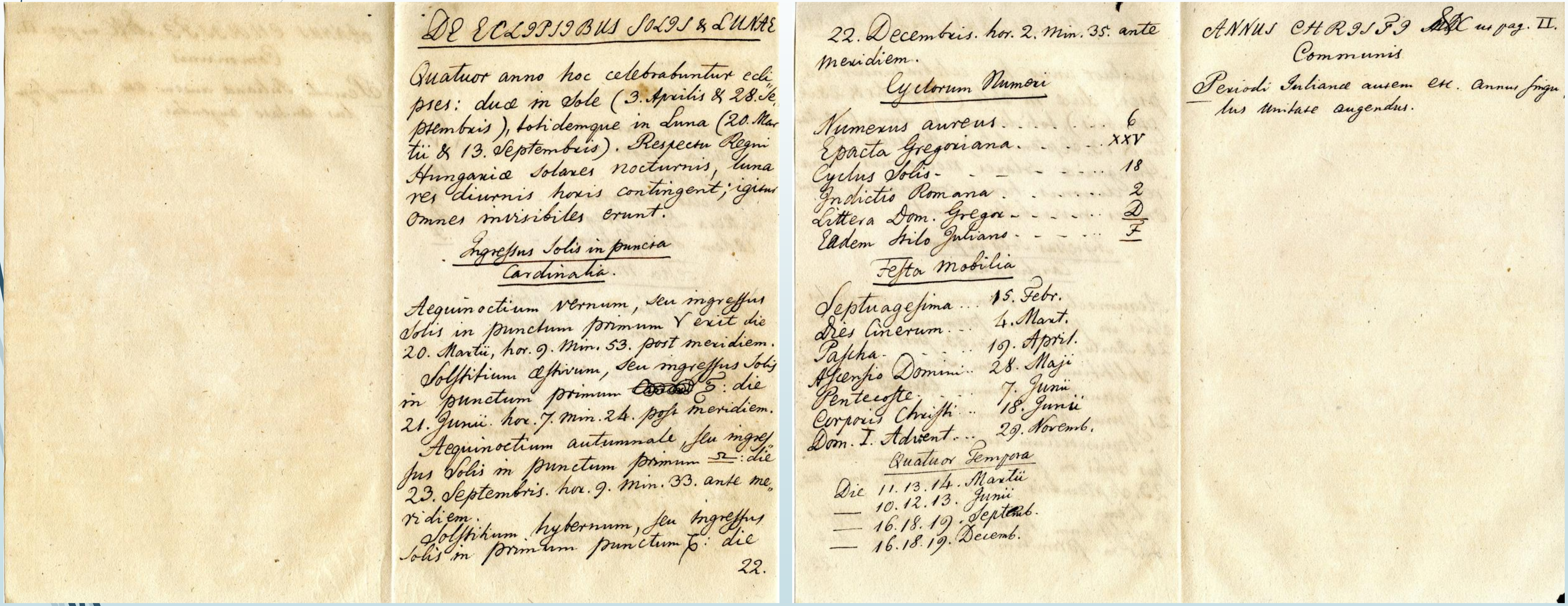


Various papers found in the books





De Eclipsibus Solis & Lunae



DE ECLIPSIBUS SOLIS & LUNAE

Quatuor anno hoc celebrabuntur eclipses: duae in Sole (3. Aprilis & 28. Septembris), totidemque in Luna (20. Martii & 13. Septembris). Respectu Regni Hungariae solares nocturnis, lunares diurnis horis contingent; igitur Omnes invisibiles erunt.

Ingressus Solis in puncta Cardinalia.

Aequinoctium vernum, seu ingressus Solis in punctum primum ♈ exit die 20. Martii, hor. 9. min. 53. post meridiem.

Solstitium aestivum, seu ingressus Solis in punctum primum ~~[illegible]~~ ♋: die 21. Junii. hor. 7. min. 24. post meridiem.

Aequinoctium autumnale, seu ingressus Solis in punctum primum ♎: die 23. Septembris. hor. 9. min. 33. ante meridiem.

Solstitium hybernum, seu ingressus Solis in primum punctum ♑: die 22. Decembris. hor. 2. min. 35. ante meridiem.

Cyclorum Numeri

Numerus aureus	6
Epacta Gregoriana	XXV
Cyclus Solis	18
Indictio Romana	2
Littera Dom. Gregor.	D
Eadem Stilo Juliano	F

Festa mobilia

Septuagesima	15. Febr.
Dies Cinerum	4. Mart.
Pascha	19. April.
Ascensio Domini	28. Maji
Pentecoste	7. Junii
Corporis Christi	18. Junii
Dom. I. Advent.	29. Novemb.

Quatuor Tempora

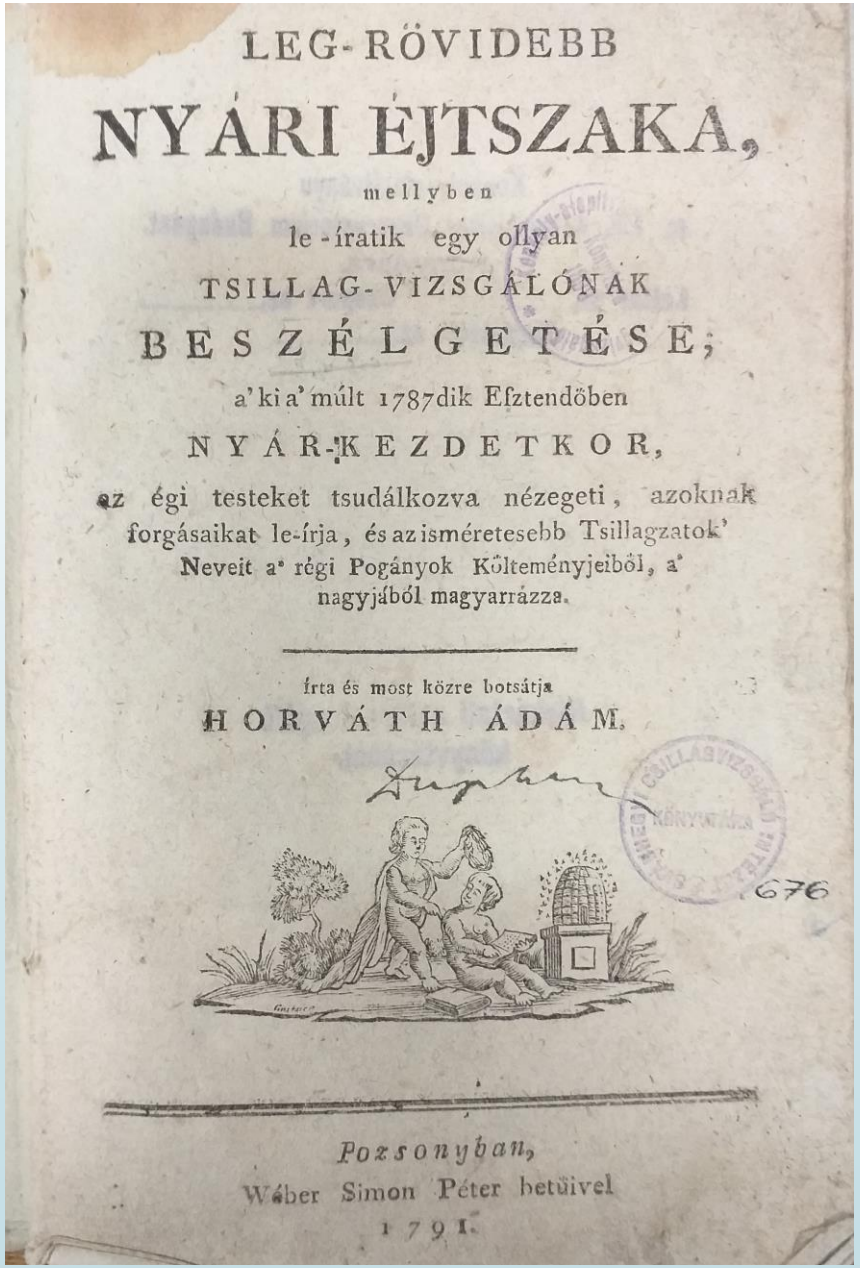
Die 11. 13. 14. Martii
— 10. 12. 13. Junii
— 16. 18. 19. Septemb.
— 16. 18. 19. Decemb.

ANNUS CHRISTI ~~[illegible]~~ ut pag. II.
Communis

Periodi Julianae autem etc. annus singulis unitate augendus.

Literature

- Ádám (Pálóczi) Horváth (1760-1820)
- Poet, lawyer, surveyor
- Leg-rövidebb nyári éjtszaka, Pozsony, 1791 („Shortest Summer Night"; it's a poem)
- Description of the sky during a night with notes on astronomy, mythology, astrology…
- „Watches the celestial bodies with wonder, describes their revolutions, explains the names of the more familiar constellations from the poems of the ancient pagans"



LEG-RÖVIDEBB

NYÁRI ÉJTSZAKA,

mellyben

le-íratik egy ollyan

TSILLAG-VIZSGÁLÓNAK

BESZÉLGETÉSE;

a' ki a' múlt 1787dik Esztendöben

NYÁR-KEZDETKOR,

az égi testeket tsudálkozva nézegeti, azoknak forgásaikat le-írja, és az ismeretesebb Tsillagzatok' Neveit a' régi Pogányok Költeményjeiből, a' nagyjából magyarrázza.

írta és most közre botsátja

HORVÁTH ÁDÁM.

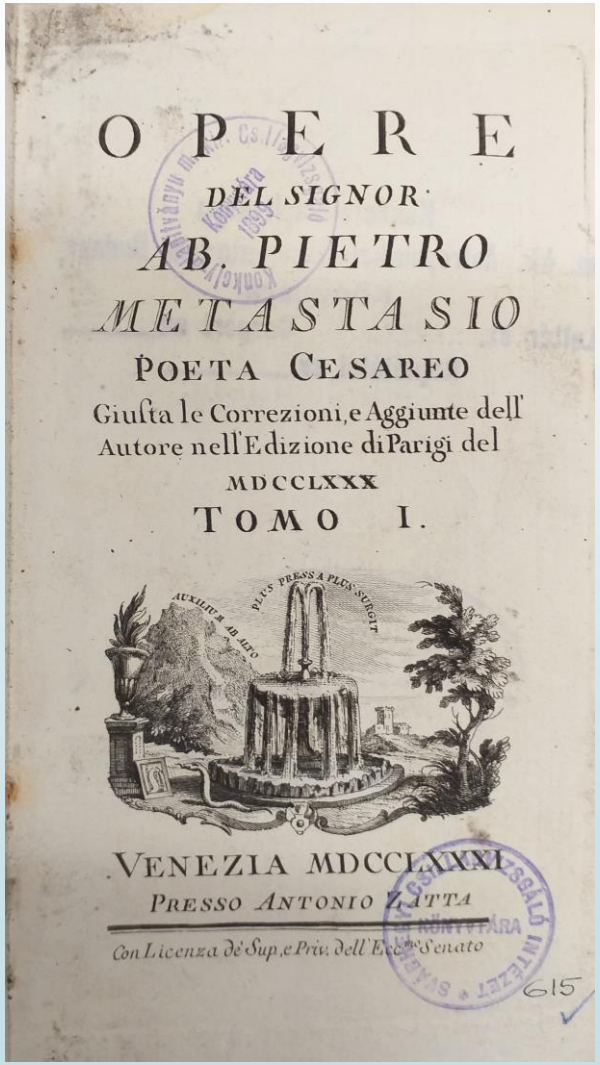
Pozsonyban,

Wéber Simon Péter betüivel

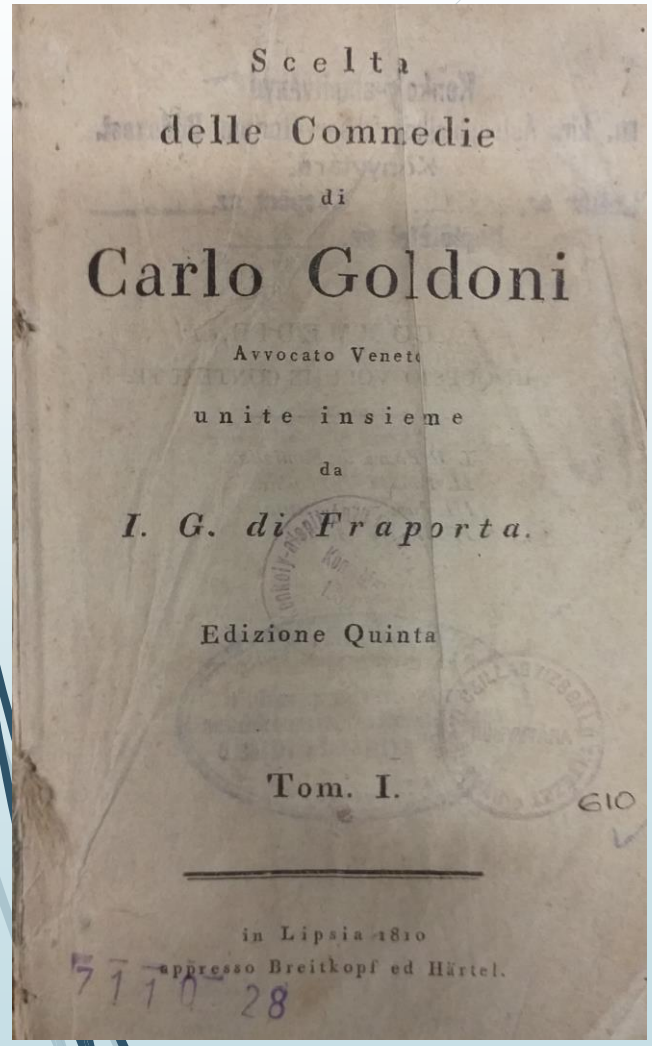
1791.

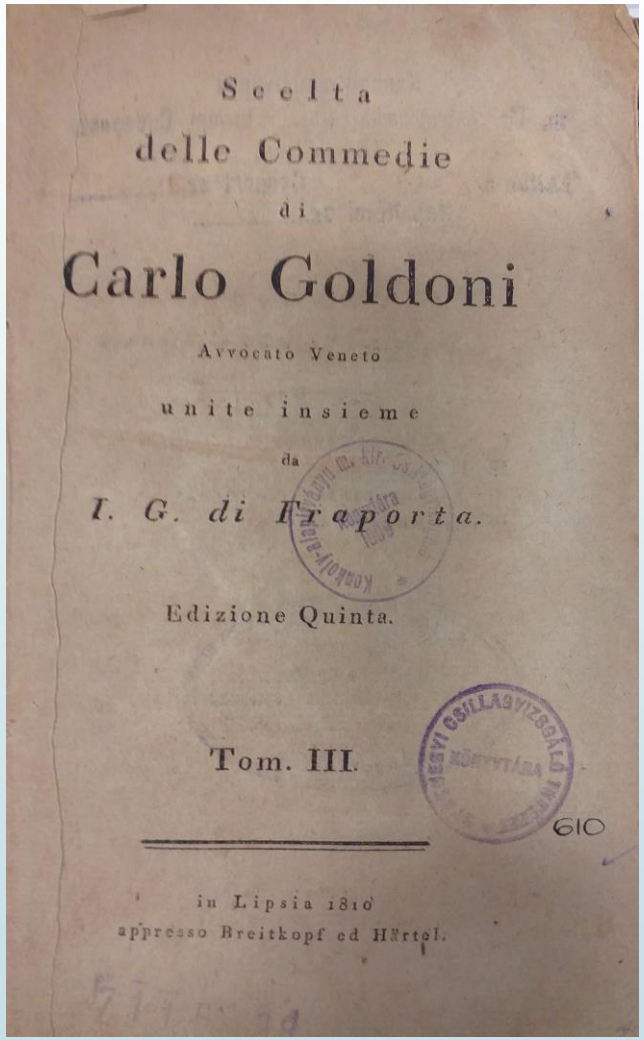
And in cloudy nights at the Gellérthegy Observatory…

- 11 volumes of the works of Metastasio (Pietro Antonio Domenico Trapassi (1698-1782), Italian poet)
- Possibly belonged to Pasquich



And more…





- Carlo Goldoni (1707-1793)
- Also from Gellérthegy

Some practical advice

- If you need anything from the library, turn to the librarian (Timea Turtóczky)
- You can borrow books only from those that were published after 1950
- Do not try to put it back, give it to the librarian (someone, possibly a previous „librarian" had problems with the alphabet, and you can find books in quite surprising places)