## 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

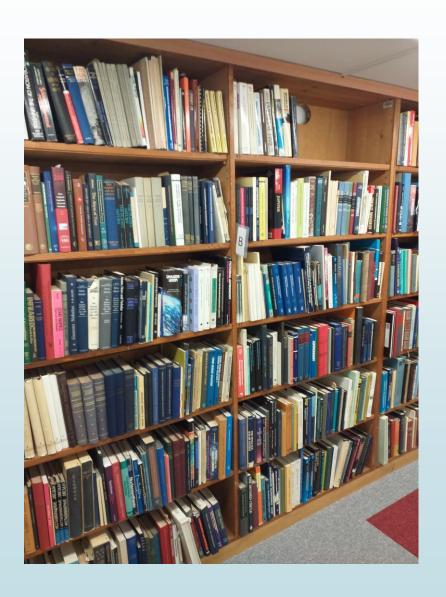
(source: wiktionary)

## 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





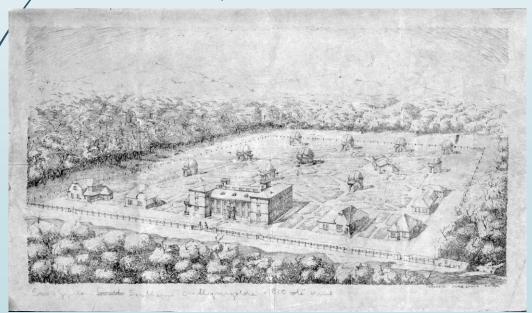
## Floor 2





## 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)

ЗДЕСЬ ПОМЕЩАЕТСЯ ACTPOHOMULECKHU UHCTHTYT ВОННСКИМ ЧАСТЯМ И ОТДЕЛЬ-НЫМ ВОЕННОСЛУЖАЩИМ, ПОМЕЩЕНИЕ НЕ ЗАНИМАТЬ, ИМУЩЕСТВО И ОБОРУДОВАНИЕ ИНСТИ-TYTA BES MOETO BELLOMA HE TPOTATO. 6.2. 450 Довний хомендант от ригорода ЗУГЛИГЕТ. / Соколову

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"]

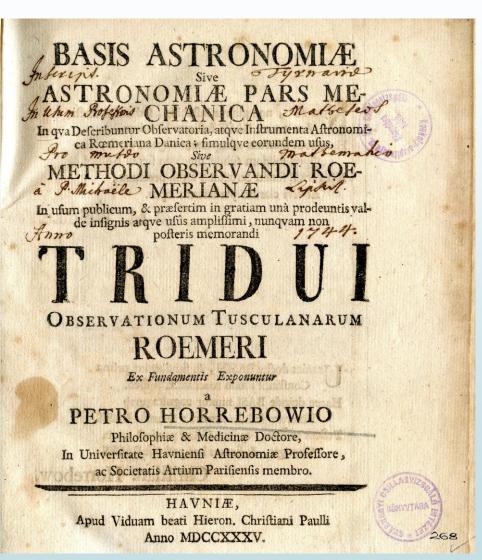
We have only a few.



The sources of the books: the University

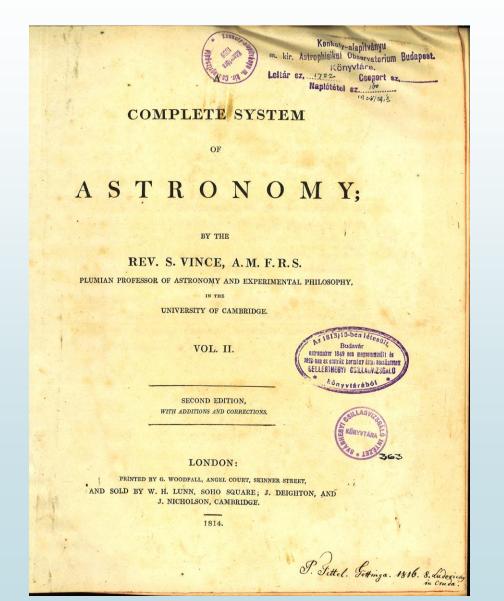
of Nagyszombat

- 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



#### 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



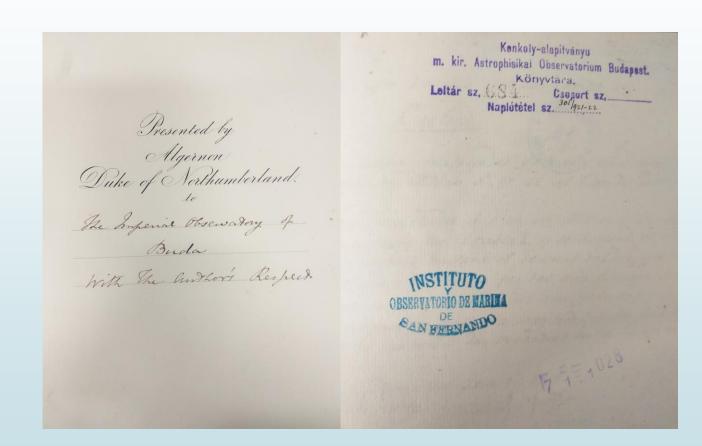
#### The sources of the books: Kiskartal

- 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)



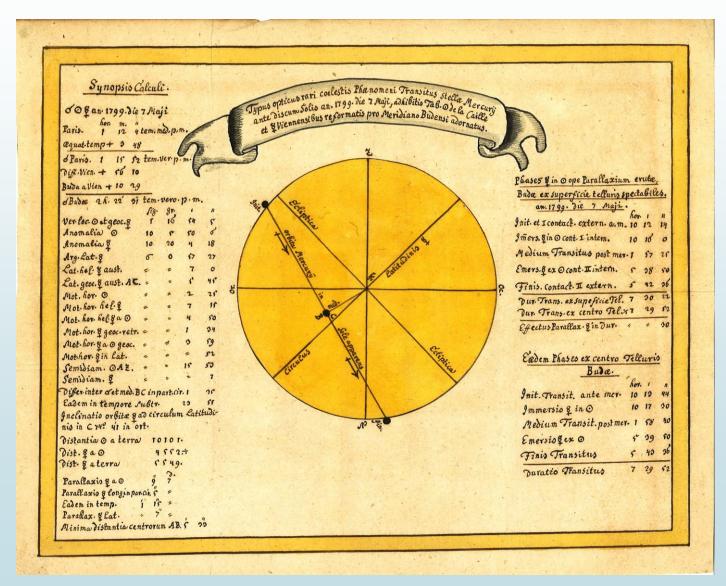
#### The sources of the books: other

- 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.



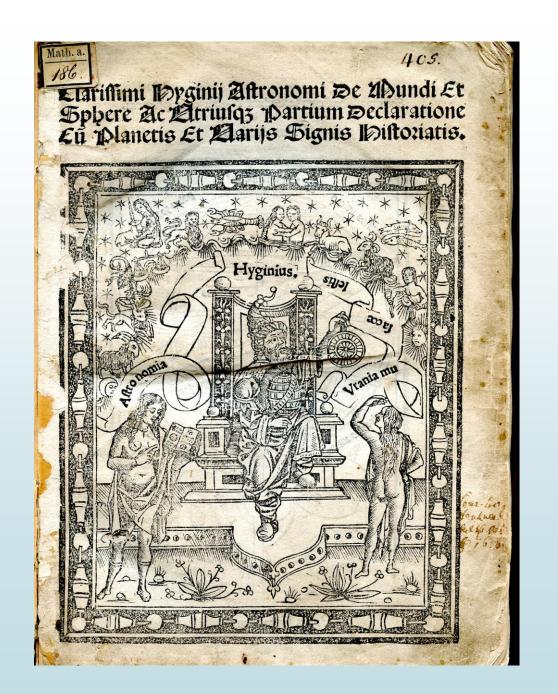
## What can we find in the library?

- 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?

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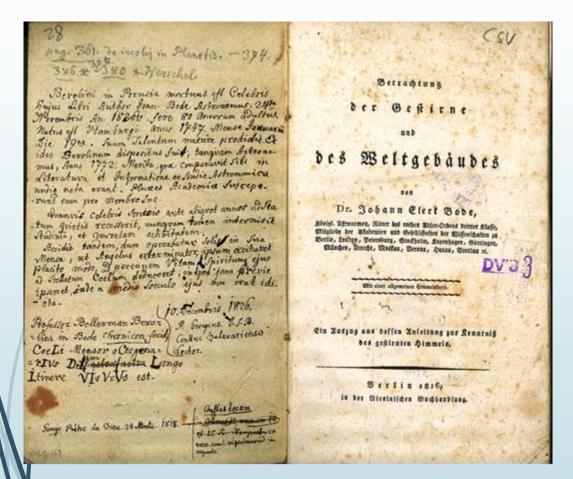
- Incipit speculum naturale Vincentij beluacensis fratris ordinis predicatoru(m). [Strasbourg]: [Printer of the Legenda aurea], [ca. 1481] (GW M50625).
- Lib. XVI.: de opere quarte diei (on the works of the fourth day)
- From the binding of David Origanus: Novae Motuum Coelestium Ephemerides Brandenvrgicae (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

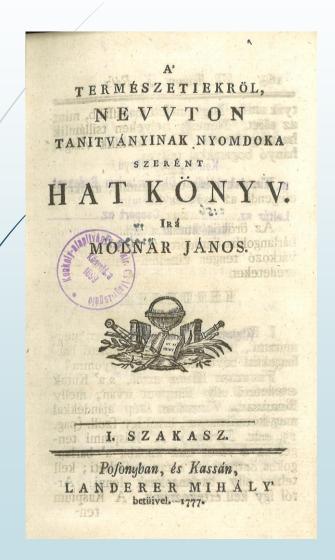


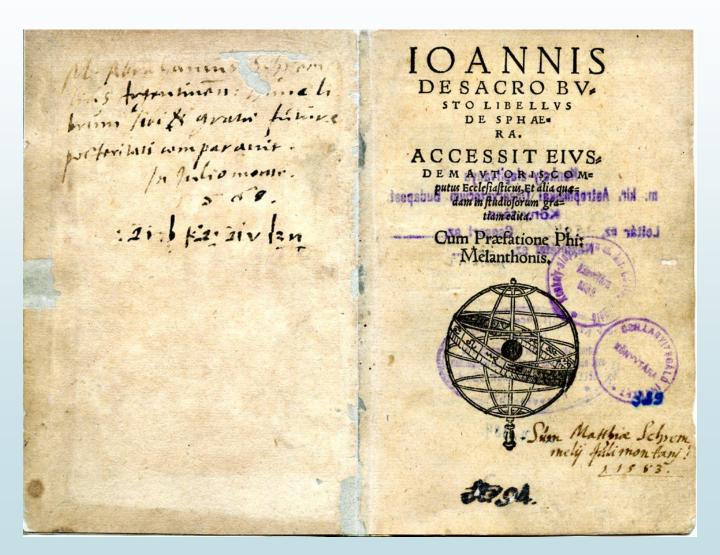
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el astra Longo Itlnere VisVrVs est. (1826, the year of Bode's death)

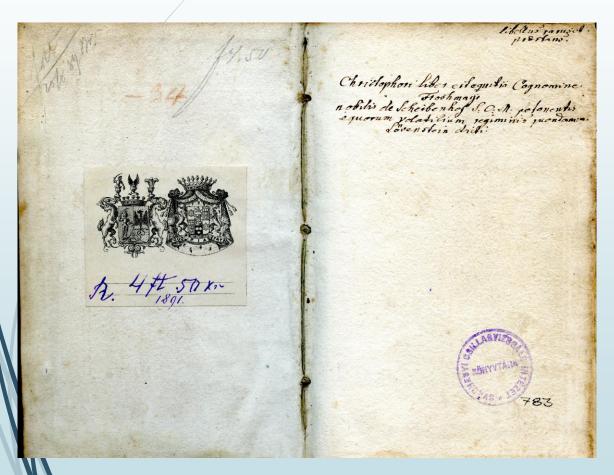


#### More books





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



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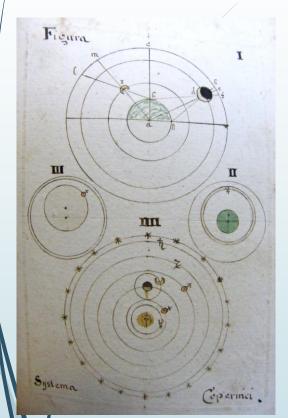
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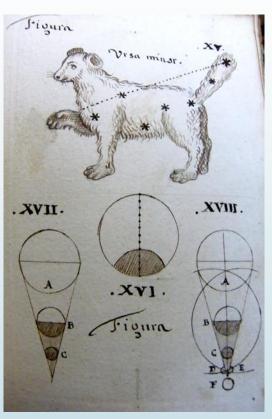
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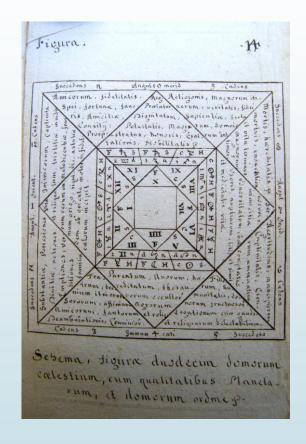
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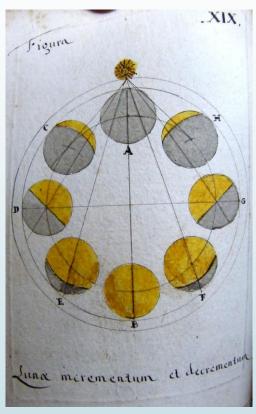
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sen firmamenti habet miliaria 2282325. Italia 3.

## From the same manuscript





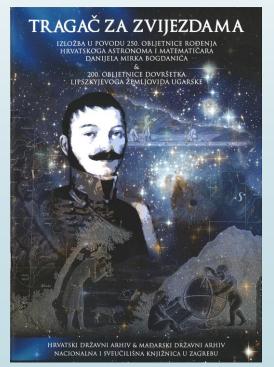


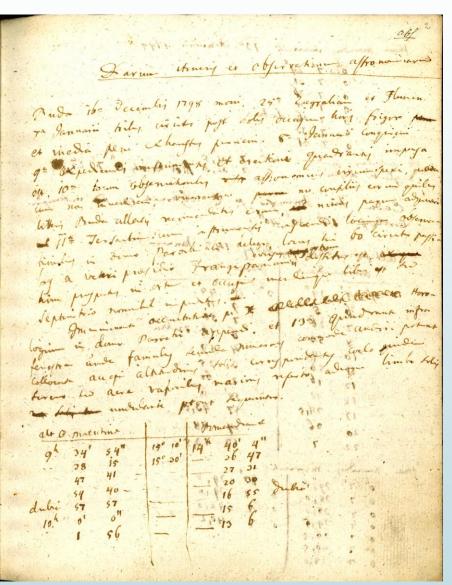


Mapping of Hungary: Imre Daniel Bogdanich

Imre Daniel (Mirko Danijel)
 Bogdanich (1760-1802)

Measured the southern part of Hungary

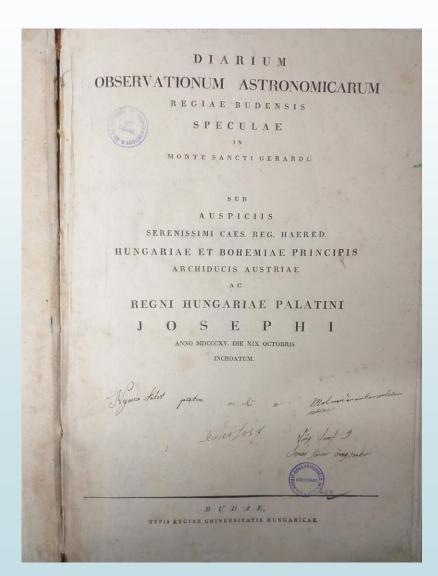




## The first observing log at Gellérthegy

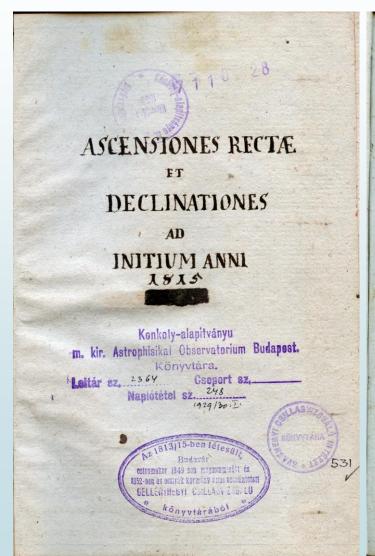
- October 19 1815
- Three kings:
  - Austrian (Francis I)
  - Prussian (Frederick William III)
  - Russian (Alexander I)

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



## Star catalogue of Johann Pasquich

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



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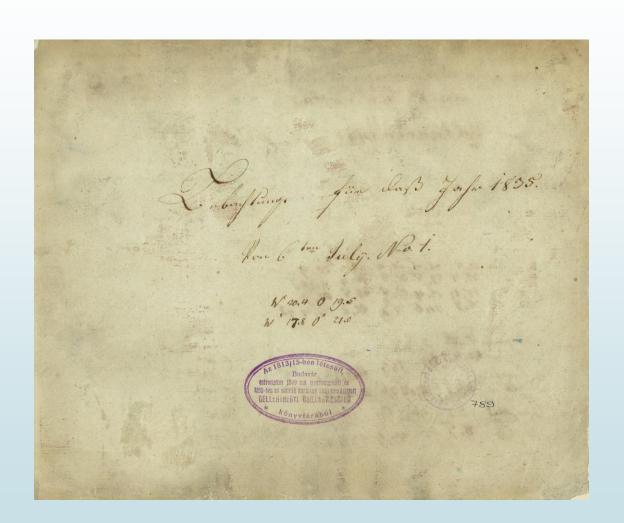
## The lectures of Lőrinc Gröber (1830's)

- "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…"

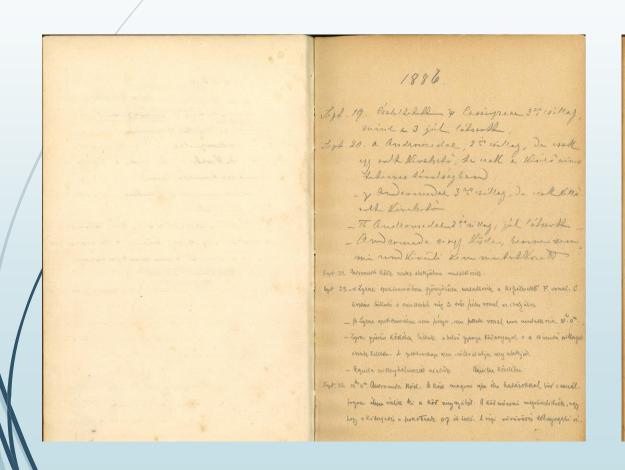
australes constellationes, seu asterismi. Exim vero iam By Bone alex, es 36 aux trales consultationes numer ander. Tele quamaing coche , astern di aspiciatur, innument Sollar fixae widenter, imprime, auten in galaxia, sur via lacker, qua congessio innumerabiliam ralium stellarum fixe Ul magnitudo Ralium Stellanum dixanum rialum debenes desi prine easien diameter aparent sed have suri non goted , quia sellar fixar fanteen in star juncti apparent, et sameh sellar fix ar dividenter in 1 2 as the magnitude ny el how ex burning, good sparquest, desummither. Elque dem 1st magni teding, quales in hostro Hemis para stres In 15, quae lucem vivacifrime sparquent, was debition bue Julgent, suns 2 da magni hudising, quae vero has in lami, ny vivaci take deglumber vocaplur 3 a magnituding Hoque 6 3º magnituding stelles, quae vix acuto visu conseri populat, illao autem, quae libero oulo inconsp. cure - balten Telescoping widenless, st 700 inagnituding, er quae ope Telestoping minus becen videntier, it 8 mag dil ungul 15 ac 14 ac magnily. Ex 15 stelly fing 10000 preciouse suns: Con Learnif, con scorpiones, ouly Guni, Bro. Skellandon fixarem genera sune plesa, sunt esim quaedam, gara retenituy motac exant, a noting autem ear non videntus, somette Sent, quae veleriby kem goni by observari non poterant; mene how vere in conspection no which senescent; suche dein quarten quae ex una magnitudine fran seunt and about, in pring the exant 1re magnituding, new sunt 2re magnituding, da ly est, quae algol vorasur, have ex secunda lmagnifudine transit and Ham, and intra duos annos, mersum re magnifuding redit, Sund dening tales, quas aliquo lempose non videntur au poster idencim conspicuous, laly est una quae & mensily lakel, ex tailing bidelur - Cauga hing est incerta, vero inile samen est, good stellar firas situs sol why worler, maculas habeant, seg sinch axem sufin convertant. si autem fieri potest, ut obversa notinj ila parte, inqua mandae sunt, lux debiliteur, and jenitus extinguatur

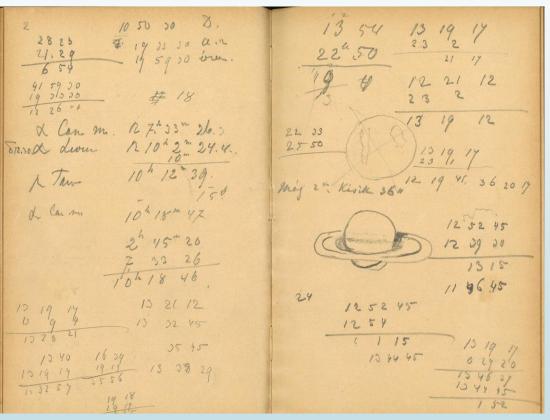
#### The observations of Ferenc Albert

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

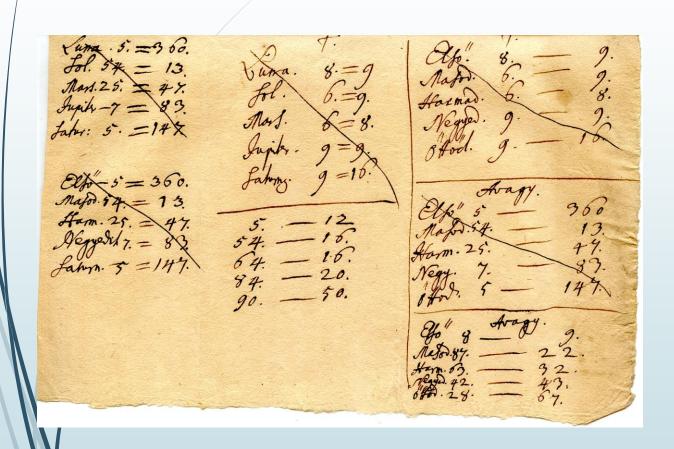


## The observing log of Kiskartal





## Various papers found in the books



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## De Eclipsibus Solis & Lunae

DE ECLIPSIBUS SOLIS & LI
Quatuor anno hoc celebrabuntur
pres: duce in dole (3. Aprilis & prembris), toti demque in Luna (2
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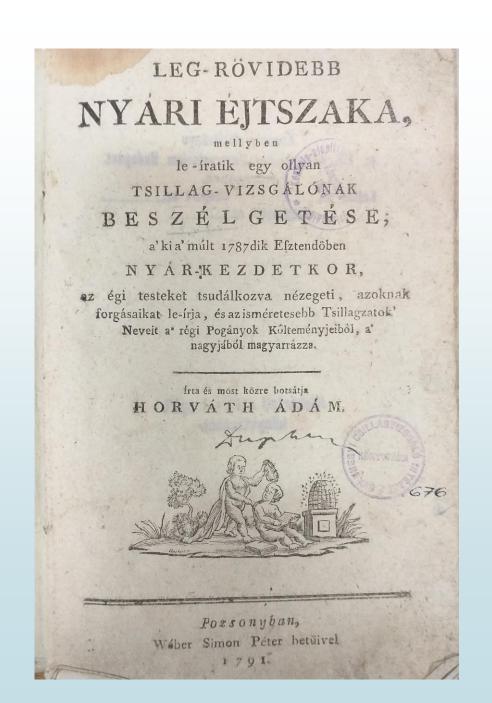
22. Decembers. hor. 2. Min. 35. ante mexidiem. Cyclorum Mumori Littera Dom. Gregor -Eldem Silo Juliano. Fefta mobilia Quatur Tempora Die 11.13.14. Martie 10.12.13. Juni — 16.18.19. Septemb. — 16.18.19. Decemb.

CANNUS CHRISTI SER us pag. II.
Communis
Periodi Intiana ausem ex. annus frigu

lus Unitare 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"



And in cloudy nights at the Gellérthegy Observatory...

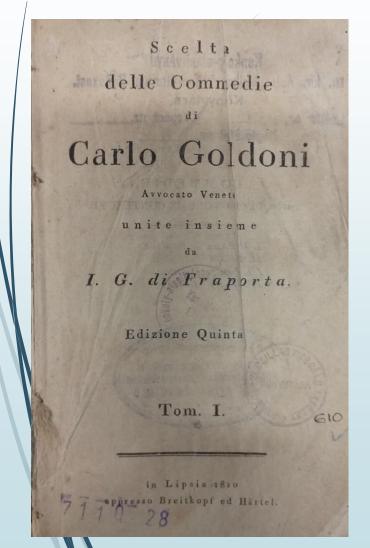
 11 volumes of the works of Metastasio (Pietro Antonio Domenico Trapassi (1698-1782), Italian poet)

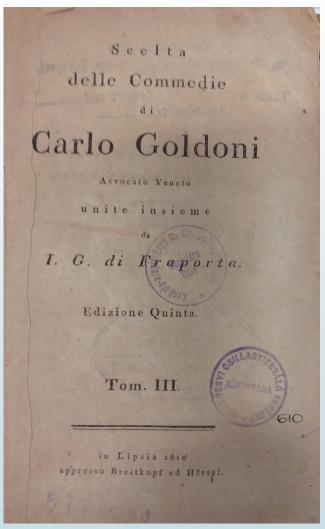
Possibly belonged to Pasquich





#### 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)