ALPHABE: ILIRICVM SCLAVORVM a b c d f g h i l m n Ac Buc Cothno Dobro Feiu Glaglose Hy Ilsouo Iesti Misalre Nam On 中卫多级是可可 Pochi Teurus Reti Sier Te Vlo Xnie Znighi Zelth He Pi Si 实中工文中长古空外和开发 ALPHABETV SCLAVOR. m yr un go the s mi the ty X # 3 The M ?

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The Mysterious "Alphabetum Iliricum Sclavorum"

Sebastian Kempgen

1. Everybody knows that there are two Slavic alphabets, i.e. alphabets invented for the use by the Slavs, namely Glagolitic and Cyrillic. Other alphabets are being used (Latin) or have been used by in Slavic countries for writing Slavic, notably Greek and Arabic. However, in some medieval typographic manuals and books reproducing foreign or exotic alphabets from around the world there is a mysterious third Slavic alphabet to be found. It is different from both Glagolitic and Cyrillic, is said to be unknown¹, has no name of its own besides being described as "Iliricum Sclavorum" or simply "Sclavonian". It looks like this:



Fig. 1: The "Illyrian Slavic Alphabet"

In this paper, we would like to shed some light on this alphabet which seems to have been neglected or overlooked in manuals or papers on Slavic paleography, and its origins. In this way, it is a extension to the paper by Roland Marti (1995) whose subject are textual sources with alphabets added to them rather than collections of alphabets as such.

2. The oldest sample which we could find is in the book "Libellus valde doctus, elegans, & utilis..." by Urban Wyss, published in Zurich in 1549. As its name implies, it is a book aimed primarily at calligraphers showing many samples of Latin handwriting, but also to readers who want to learn more about foreign alphabets. In this book, the Illyrian Slavonic alphabet, cut in wood, is the only (!) Slavic alphabet to be shown. Below is a reproduction of the alphabet, touched up by the author (as have been all others in this paper for the best printing in black and white). A second edition of the book, published in 1564, reprints the same alphabet, set in another frame.

¹ For example, by blogger Ulliana_Art (s.a.) – one of only two online sources to mention the alphabet. However, the blogger does not seem to know that "Sclavor." is the abbreviation for "Sclavorum" (Gen. Pl.) or that in "Alphabetv" the superscipt stands for the "m", so that the word reads "Alphabetum", not "Alphabetu".



Fig. 2: Wyss, Alphabetum Iliricum Sclavorum (1549)

3. During the same time in Italy, the famous typographer **Palatino** devotes three pages of his book to Slavic alphabets. The book was published in Rome in 1550, but many of the tables were created in 1545. Palatino's first figure shows a (Croatian) Glagolitic alphabet which he attributes to St. Hieronymus, the second figure a Cyrillic alphabet attributed to St. Cyrill, and the third one a text in Bosnian Cyrillic – possible the oldest specimen of printed Bosnian Cyrillic. The mysterious Illyrian Slavic is *not* among them. The same holds true for **Postel**'s book "Linguarum duodecim characteribus...", published in 1538.



Fig. 3: de Bry, Alphabetum Iliricum Sclavorum (1596)

- **4.** 50 years after Wyss, the mysterious alphabet is included in "Alphabeta et Characteres" published by the brother **de Bry** in Frankfurt in **1596**, this time along with other Slavic alphabets: Croatian Cyrillic and Glagolitic alphabets, an Old Church Slavonic Cyrillic alphabet, the Illyrian alphabet combined with a cursive Glagolitic alphabet on another plate see fig. 3 above –, and another Croatian Glagolitic alphabet combined with a "Moscovitian" Cyrillic alphabet on one plate. The Illyrian alphabet is exactly the same as the one from Wyss, though the actual letters differ slightly. Thus, it has travelled from Switzerland to Germany, but the de Brys obviously had other sources available to them as well.
- **5.** Only a dozen years later in France **Claude Duret** publishes his "Thresor [sic] de L'Histoire des Langves de cest vnivers" (**1613**). He does include several Slavic alphabets in his work: a Serbian Cyrillic one, a Dalmatian and an Illyrian one (which are both Croatian Glagolitic), and another Cyrillic alphabet (with Bosnian traits). The Illyrian alphabet from Wyss is *not* included.
- **6.** The Illyrian alphabet makes its next appearance fifty years later in **Daniel's Copy-Book**, published in London in **1664** by Richard Daniel, with engravings by Edward Cocker. It is presented along with the Glagolitic alphabet in one figure (see below)². Again, the alphabet is the same as before. By now, the alphabet had travelled north from Zurich to Frankfurt, and from there to London.

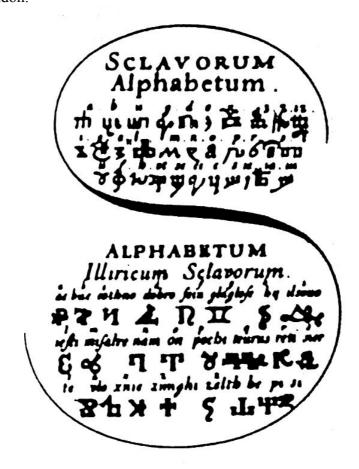


Fig. 4: Daniel's Alphabetum Illiricum Sclavorum (1664)

² The picture was taken from Žubrinić (1995) because the online edition of Daniel (1664) misses p. 50 which should contain the Slavic alphabets shown above.

7. Nearly 80 years later, in 1740, the alphabet was included in Geßner's manual on printing ("Buchdruckerkunst und Schriftgießereÿ"), published in Leipzig, Germany. Only one half of the table has been digitized due to some laziness during the scanning process³ but it is obvious, that it is indeed the same alphabet. Geßner often refers to de Bry, so his source is clear. Besides this Illyrian alphabet, Geßner has tables for Cyrillic, Illyrian Glagolitic, Croatian Glagolitic, and Russian (Cyrillic).

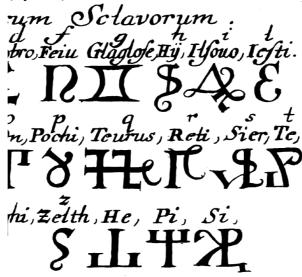


Fig. 5: Geßner, Illyricum Sclavorum (1740)

Sclavenische Alphabet.

ALPHAB. SCLAV.

Figur.	Bedeutung.				
F	Ac	2	'প্ট	Pochi-	P
T	Buc	•	THE	Theurus	q
И	Cothno	e	ΪĒ	Reti	r
Z	Dobro	ď	\$	Sier	5
Surgarus	Feiu	f	Ż	Te	t
耳	Glaglofe	g	1	Vlo	u
\$	Hy	h	≫	Xnie	x
A.	Ilfouo	i	垂	Zanghi	7.
8	Jesti	1	Ŝ	Zelth	Ż
CE	Mifalre	m	ıĽı	He	
П	Nam	n	T	Pi	
गुर	On	ø	X,	Si	

Fig. 6: Fritz, Alphabetum Sclavorum (1743)

³ In this book, some of the alphabets are on large-format tables which have not been unfolded during the scanning process.

- **8.** Around the same time, in **1743**, **Johann Friedrich Fritz** included the alphabet in his calligraphic manual and collection of alphabets (p. 75), and the same alphabet can again be found in his "Orientalifch- und Occidentalifcher Sprachmeister" (Fritz & Schulze 1748, 149). The alphabet is the same as before. In these books, the Sclavonian Alphabet is printed in one long row as part of a table. To save some space, we will reproduce it here in two rows (see above, fig. 6).
- **9.** A few years later, the well-known French typographer **Pierre Simon Fournier** includes "Esclavon" in the Slavic alphabets in his "Manuel typographique" (**1766**, table 69). He does not continue the tradition of printing the characters' names, just the Latin equivalent. This seems to be the first appearance of the Illyrian Slavonic alphabet in France after having been printed in Switzerland, Germany, and England before. In the same year in Italy, **Grubissichio** does *not* mention this alphabet in his book on the origins of the Glagolitic alphabet ("In originem et historiam alphabeti sclavonici glagolitici vulgo hieronymiani...").

Esclavon.



Fig. 7: Fournier, Esclavon (1766)

SCLAVONIAN 1.



Fig. 8: Fry, Sclavonian (1799)

- 10. Last but not least, in 1799, the mysterious alphabet shows up in Edmund Fry's "Pantographia", as one of ten samples of Slavic alphabets. He calls it "Sclavonian" and states (p. 267): "Many nations, both in Europe and Asia, speak this language; it is used generally in all the eastern parts of Europe, except Greece, Hungary, and Wallachia; but these nations have a variety of characters. Fourn. v. 2. p. 226." He is the only one to explicitly name his source but has nothing to contribute to the alphabet in question.
- 11. Let us sum up our findings: We have a mysterious Slavic alphabet, called mostly "Iliricum Sclavorum", with typographic evidence from the 16th right up to the end of the 18th century. So far, seven books on typography, printing and languages are known to show this alphabet. The oldest specimen was printed in 1549, the last book to show it (as far as we know) was published in 1799. In the 19th century it seems to have been forgotten or brushed aside, at a time when Slavic philology began to emerge and knowledge of Glagolitic and Cyrillic (especially Glagolitic) became more sound, the priority of Glagolitic over Cyrillic was proven, and St. Hieronymus no longer believed to be one of its authors. The alphabet appears in Switzerland first, then travels north to Germany where it is reprinted several times, and from Germany it moves onwards to London, and later to France. There is no evidence for this alphabet in Italy neither from Venice nor from Rome where most printing occurred at the time.

There are some obvious peculiarities in these alphabets which nevertheless do not seem to have been noticed before, so we would like to point them out here:

- In all of these alphabets, the number and shape of the letters are identical, with no variation at all. (The actual letters on the engravings differ slightly.) This is in stark contrast to the figures for Cyrillic and Glagolitic alphabets in the same books in which the characters vary in number and shape during the centuries.
- In all the alphabets the names of the letters are identical, too, except for some slight orthographic variation. (They were not reproduced anymore at the end of the 18th century.) Again, this is not the case with the other two Slavic alphabets. The order of the letters are of the 'Latin' ABC type.
- The name of the alphabet is identical in all sources, too (except for straight translations).

These findings alone are proof enough that there has only ever been exactly one blueprint for this mysterious Slavonic alphabet, the original engraving by Wyss in 1549, which all other authors later copied, taking it for a real alphabet. These later copies reproduced the alphabet very faithfully, but is is obvious that, for 250 years, none of the authors of these copybooks had a "living" alphabet to check his engravings against, that there actually were no texts that could be used to sample these letters from, no speakers to correct anything etc. Whereas in all these typographic books the Glagolitic and the Cyrillic alphabets do exhibit certain changes over time as they changed naturally, this one alphabet seems to be frozen in time, as if it had been photocopied by one author after the other.

What is also very telling is that the alphabet appears "on the periphery" only, so to speak – north of the Alps, away from any Slavic-speaking country. Palatino, publishing about the same time as Wyss in Rome, knows nothing about the mysterious alphabet, neither does Grubissichio. Its later appearance is restricted to Germany, England, and France, while in Italy we only find the "real" Slavic alphabets.

12. If the alphabet in question can indeed be traced back to Urban Wyss and his publication in 1549 in Zurich, then it is worth to have a closer look at the author.

Wyß (alternate spelling: Wyss) was a teacher, calligrapher and type cutter, working in Bern and having his publications printed in Zurich, Switzerland. Although the Wyss were well-known citizens of Bern and their grandchildren live there until this day, it remains unknown exactly when Urban Wyss was born or when he died. It is assumed that he was born around 1530 and had two children.⁴

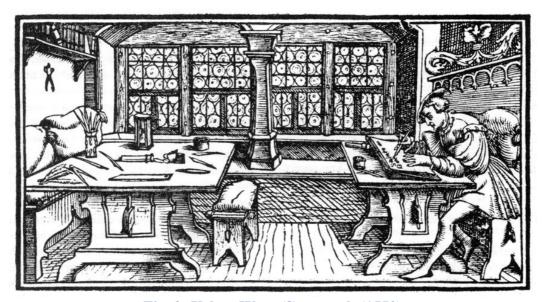


Fig. 9: Urban Wyss (?) at work (1550)

More is known about the influential and widely successful printing house that published his works, Froschauer. These printers published more than a thousand books, mainly in German and Latin. Foreign language editions, among which especially Hebrew could be expected, were rare. At the time when Wyss cut his wooden blocks, this printing house regularly sent someone to Venice, Europe's "capital of printing" at the time, to buy all the latest books. Thus, it can be assumed that the sources that Wyss had available to himself came from Venice.

It is also worth having a closer look at the other alphabets that Wyss cut for his book. Its appendix contains tables for the following alphabets: Græcum, Hebrai[cum], Indicum, Arabum, Siriorum, Saracenorum, Sclavorum, Egiptiorum, and Caldaicum Antiquum.

From a typographic point of view, these alphabets all follow the same design and look very similar to each other. In other words, Wyss, working on wood, cut all of these alphabets in a similar vein, not trying to preserve any different designs which he might have seen in his sources. In today's terms, it is a serifed "Roman" design he applied to all alphabets.

⁴ See http://www.bernergeschlechter.ch/humo-gen/family.php?database=humo_&id=F27685 &main person=I80589. The illustration has been taken from his second book (1550).

⁵ See Leu (2004) for more information.

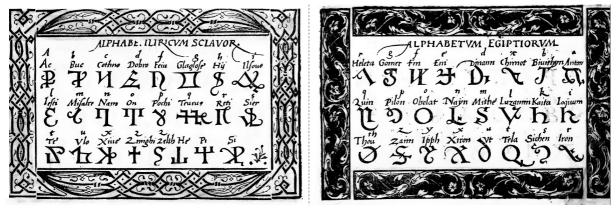


Fig. 10: Two alphabets from Wyss

13. The Latin equivalents and the character names in Wyss' alphabet deserve special attention. These are the Latin letters: $a - b - c - d - f - g - h - i - l - m - n - o - p - q - r - s - t - u - x - z - z - \emptyset - \emptyset - \emptyset$. They follow the "Latin" order (abcd), not the "Greek" order (abvg). This order has some astonishing defects: there is no < e >, which is such a basic sound and letter, and the < k > is missing, too. It is hard to imagine a Slavic alphabet having neither of these two sounds.

The names of the characters do have similarity to the usual Slavonic names Az Buki Vedi etc., but only partly. It is these Slavic names of the character that serve as an indication that we are dealing with a Slavic alphabet in the first place – otherwise one could not even be sure. This is the row of names by itself: Ac - Buc - Cothno - Dobro - Feiu - Glaglose - Hij - Ilsouo -Iesti - Misalre - Nam - On - Pochi (or Pochi) - Teurus - Reti - Sier - Te - Vlo - Xnie -Znnghi - Zelth - He - Pi - Si. The last letters do not even pretend to have real words as names – they are just syllables. The only names which are correct are *Dobro*, *Nam*, and *On*. Sometimes, certain mis-readings seem to have distorted the names which, however, are at least recognizable⁶: $Ac \approx As/Az$, $Buc \approx Buki/Buk/Bucchi$, $Glaglofe \approx Glagoli$, $Hij \approx I$, Mifalre \approx Mislite, Pocbi/Pochi \approx Pokoj. Other names are a bit more obscure at first glance: Ilfouo \approx Sfouo/Slovo or Ifche? Teurus \approx Tvrdo/Twerto/Terddo? Reti \approx rci? Znnghi \approx Zemglie/Zemlja, $Zelth \approx Zelo$? $Cothno \approx Kako$ (with c = [k])? $Feiu \approx Fert$? $He \approx Hier$? $Vlo \approx Uk$? (Remember that v = [u] Xnie \approx Xiuitte/Zivete [x stands for the [\check{z}] sound as once can see from the Glagolitic alphabet). Sometimes, the character names and the character itself do seem to match (see *Iesti* and character < E >), but do not match the "l" in the Latin order of letters at all. The < E > is the only character that can immediately be recognized. It is the more astonishing then that this $\langle E \rangle$ is moved backwards in the alphabet and does not take its usual spot after the $\langle D \rangle$. The names Pi and Si are probably simply Psi and Ksi distorted, and the name Pi is attached to the letter which looks similar to a Greek Psi.

14. Let us now turn to the letters themselves. At first glance, some characters do allow associations with various letters from the Latin or Cyrillic alphabet. We have assembled them in the following figure:

⁶ We are adding some of the names Grubissichio (1766, 45) uses to demonstrate the pronunciation used by Croats, Serbs, and Dalamatians, obviously influenced by Italian conventions, and some names from Duret (1613, 740).

HP38PT3N PT3N

Fig. 11: Similarities to Cyrillic and Latin letters

In this figure, the letters seem similar to a Cyrillic < $\mathsf{II}>$, or < $\mathsf{II}>$ (in their older forms) or < $\mathsf{II}>$ (in its more squarish form), to < \in > (resp. Greek epsilon), to < $\mathsf{II}>$ (with long and thick serifs), to < $\mathsf{II}>$ (with the left stem shorter, similar to what we find in the Greek alphabet, where often the right stem is shorter) or to a flipped < $\mathsf{II}>$ (again, with a thick serif), to the ligature < $\mathsf{II}>$, to < $\mathsf{II}>$ (in its older form), to < $\mathsf{II}>$ (all in the first row) or to certain Latin letters (second row), the last one being an < $\mathsf{II}>$.

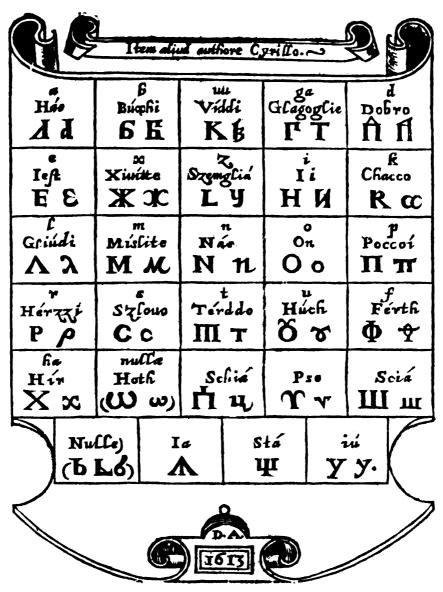


Fig. 12: Alphabetum Illiricum Autore Cyrillo

Because of these superficious similarities, the thought arose that the alphabet is Bosnian Cyrillic⁷. However, we think that this explanation is misleading. Out of the 24 letters, only one third seems somehow related to Cyrillic, but even for these, the order in which they appear in the alphabet seems to be mixed up. We also see that the rows of Latin correspondences (a b c d f g) and the row of letter names are not really connected to the actual characters themselves which are being shown below them. If Wyss had a Serbian / Croatian or Bosnian Cyrillic alphabet on hand, he would have seen something like fig. 12 (from Duret 1613, which is a straight copy from Palatino 1545/1550). Starting from a blueprint like this, would Wyss ever have ended up carving his "Iliricum Sclavorum" alphabet the way he did when most letters were immediately recognizable and comparable to Greek letters? We don't think so.

15. Our solution is this: we think that the mysterious Slavonic alphabet is simply a Glagolitic alphabet in disguise. To show this, we will take the illustration by de Bry (see above, fig. 3), which has both the Illyrian Slavonic alphabet and a Glagolitic alphabet. Although the Glagolitic one is more a cursive variant, it can be matched very well to the "Illyrian Slavonic" one to demonstrate the similarities. The figure below shows the result of a graphic experiment:



Fig. 13: Matching the Illyrian Slavonic and the Glagolitic alphabet

What we have done here is as follows: We have put the Glagolitic lines directly under the Illyrian Slavonic one, preserving the Latin letters that accompany the Glagolitic ones. Absolutely no rearranging of the letters was necessary, no turning or flipping – except for switching the positions of < n > and < m > in the Glagolitic line. As the Illyrian Slavonic alphabet has fewer letters in it than the Glagolitic one, it is obvious that not all Glagolitic characters can be matched to the Illyrian Slavonic ones. Thus we have *left out* a few of the Glagolitic letters for the rest to match better, and in some cases, especially in the second half of the alphabet, one cannot be completely sure about the best match. Therefore, we show some possible alternate machtes in the second Glagolitic line.

⁷ This seems to be the position of Darko Žubrinić (1995), section *Croatian Cyrillic Script*.

Once one is no longer distracted by the "false" names that go along with the Illyrian letters, there are some character matches that are absolutely convincing that we are simply dealing with two variants of the Glagolitic alphabet here. These are the sequence of < v, g, d, $\check{z}>$, the sequence < l, n, m>, and also, at the end of the alphabet, the "inverted T" and the Cyrillic-looking *shta*-letter. Here, only the arms of the Glagolitic letters have been reduced in length. All in all the match between the Illyrian Slavonic and the Glagolitic alphabet is much better than any approach to interpret the mysterious alphabet as Bosnian Cyrillic.

16. Having offered above the solution that seems obvious from an experienced typographer's point of view, let us now return to Urban Wyss – supposed that he was the person responsible for the original design.

It seems plausible to assume a situation not unlike this: he got hold of a 16th century Glagolitic alphabet brought from Venice to Zurich, which would have been a Croatian variant, judging especially from the Latin < M > shape. His letter designs (and, of course, his book) show that he was also familiar with the Greek alphabet (see the epsilon), and possibly Cyrillic. He set out to carve letters for this unfamiliar alphabet (Glagolitic) according to the features characteristic for Latin and Greek letters in traditional Roman design (stems, half circles, serifs etc.), and at the same time applying some of his skills in carving swirls etc. for letters. Having no idea which parts of the Glagolitic letters were distinctive and which weren't, he transformed the Glagolitic letters into fanciful designs that fit the rest of the exotic alphabets that he cut for his book – see above, fig. 8, for a similar approach to the "Egyptian alphabet". In Zurich at the time, there would have been no one who could have given him advice on how to interpret the Glagolitic letters best – which parts were important and which of his ornamental additions or re-interpretations made them unrecognizable as Glagolitic letters.

17. In the solution shown above, it is of course possible that we have to assume certain additional steps by Urban Wyss. For example, in the sample from the brothers de Bry, the Glagolitic < K > letter stands in its correct position before < l, m, n, o, p, r, s, t >. According to Italian spelling, the [k] sound is written as a Latin < c >. The shape of the Glagolitic letter seems more like a Cyrillic < 3 >, but in reality it is the Glagolitic < k > in handwritten form. Now when creating the Illyrian Slavonic alphabet, Wyss seems to have rearranged some letters to match the usual Latin order < a, b, c, d >. Judging from the strange name of his third letter, "Cothno", this design could also represent a Glagolitic < k >, which, due to some confusion between the spelling < c > and the sound [k], became the < c > in the Illyrian alphabet. Note that a real < k > is completely missing!

18. In the present paper, we have offered a solution for the mysterious "Alphabetum Iliricum Sclavorum" that is to be found in typographic and calligraphic manuals from the 16th to the 19th century in North-Western Europe. In our view, it is a Glagolitic alphabet in disguise – cut in wood by a person who was an expert in carving Latin letters and who paired his expertise with his calligraphic imagination to produce letter forms for exotic Glagolitic letters which afterwards could not be recognized as Glagolitic any more. However, due to lack of better knowledge, it has been faithfully reprinted for 250 years – but never anywhere near Slavic-speaking countries. As such, the Illyrian Sclavonian alphabet can be called fictitious or a pseudo-alphabet – but its inspiration has been Glagolitic, not Cyrillic. Although Glagolitic letters have also served cryptographic purposes⁸, there is no reason to believe that in the context of Wyss' book this should have been the case.

⁸ See Speranskij (1929) for an extensive overview.

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- **Appendix**: In the 63 page Appendix, the title pages and all Slavic alphabets from the sources used in this paper have been assembled in chronological order. All illustrations have been painstakingly cleaned up down to pixel level and their contrast and sharpness has been enhanced.





Bibliographische Angaben / Bibliographical Entry:

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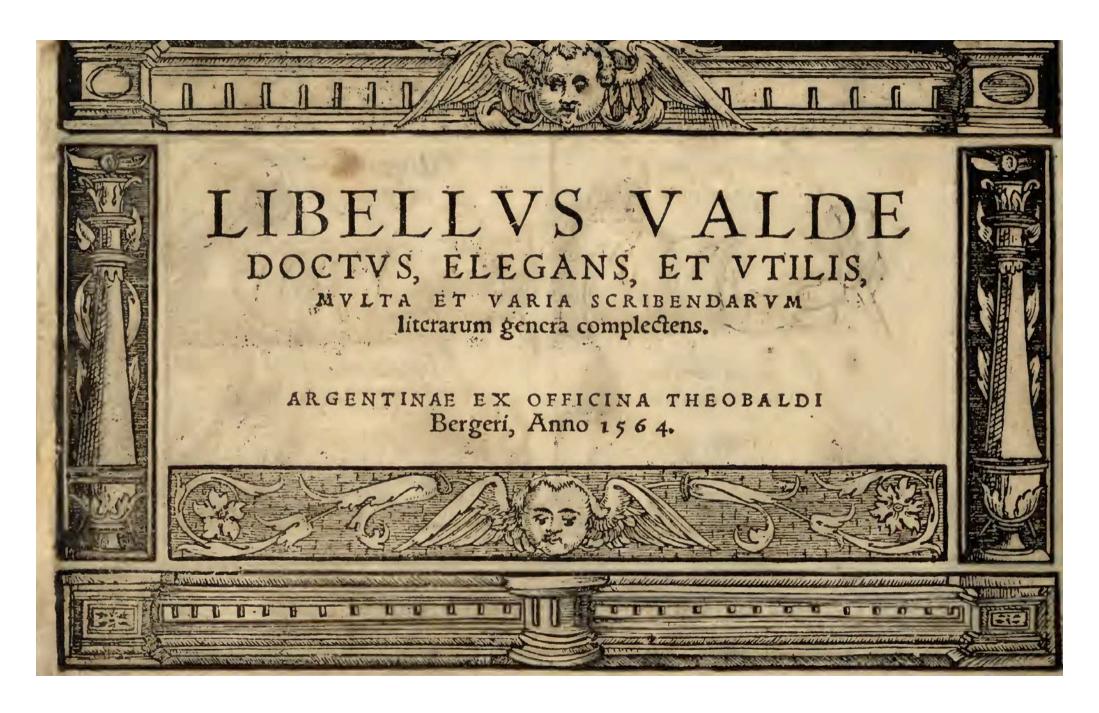
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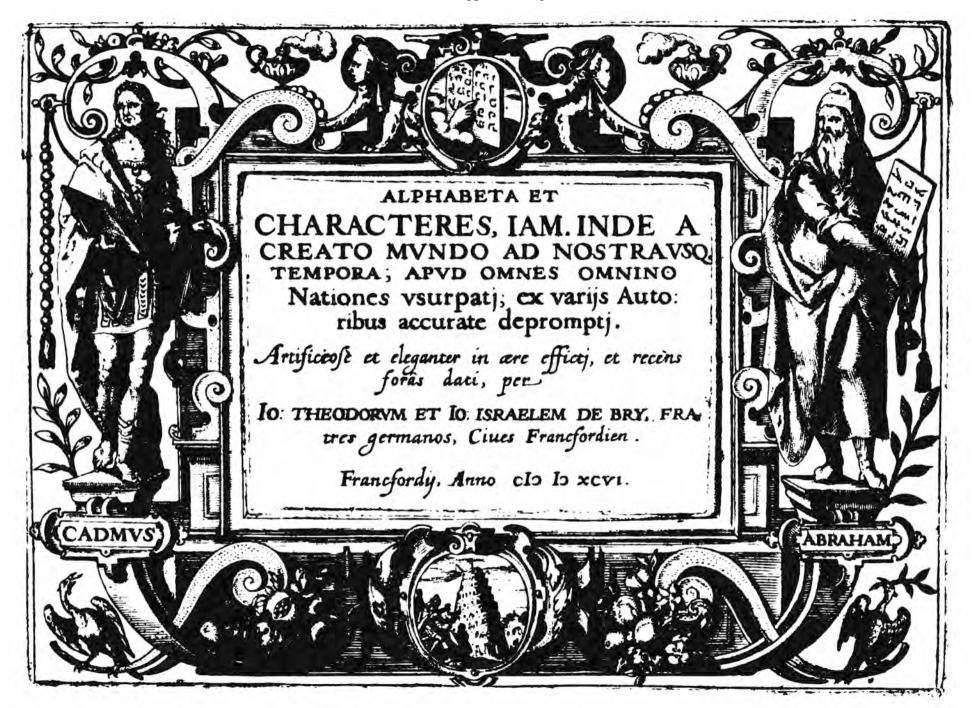
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S. HIERONYMVS

Litterarum Illyricarum inuentor.

S. CYRILLVS

Aliarum Illyricarum litterarii Auctor.

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L'HISTOIRE DES

LANGVES DE CEST

VNIVERS.

Contenant les Origines, Beautés, Perfections, Decadences, Mutations, Changemens, Conuerfions, & Ruines des langues

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Samaritaine,
Chaldarque,
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Egyptienne,
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Arabique,
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Turquelque,
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Africaine,
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Ethiopienne,

Nubienne,
Abyfsine,
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Arinenienne,
Serniane,
Efclauonne,
Georgiane,
Iacobite,
Cophtite,
Hetruirienne,
Italienne,
Cathalane,
Hefpagnole,

Alemande,

Bohemienne,
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Polonone,
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Profesienne,
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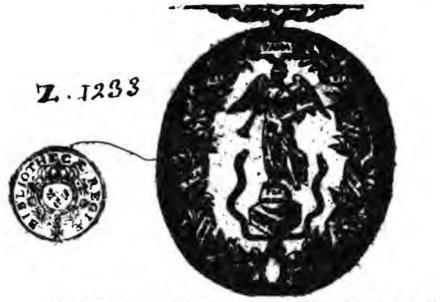
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Indienne Occidentale,
Oumeane nouvelle,
Indienne des Terres
peuves,&c.

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PAR M. CLAVDE DVRET BOVRBONNOIS, Pretident à Moulins.

Nous anons adionfle Devx In DICES: L'un des Chapitres; L'autre des principales matieres de sous ca Threfer.





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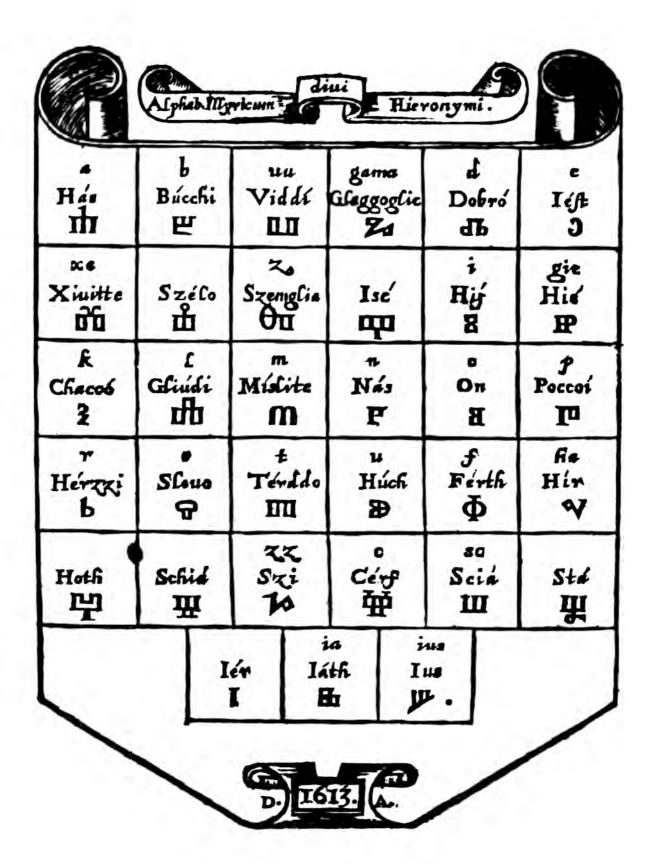
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Daniels Copy-Book:

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Of the most Usual Hands of

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WITH THE

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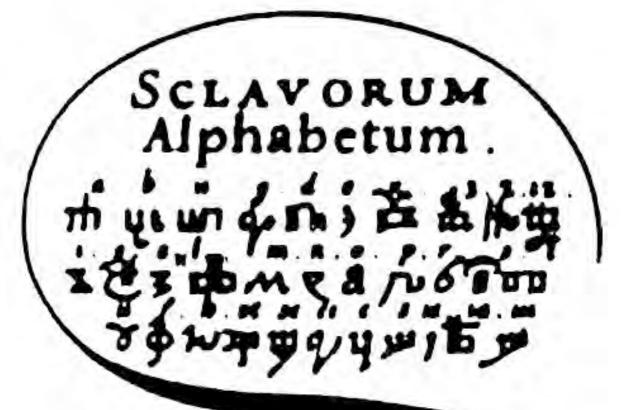
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ALPHABETUM

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vom Ursprung und Fortgang der Buchdruckerkunst, überhaupt, insonderheit von den vornehmsten Buchdruckern in Leipzig und andern Orten Teutschlandes

im 300 Jahre nach Erfindung derselben ans Licht gestellet. Mit einer Vorrede

Herrn Johann Erbard Rappens,

Prof. Eloqu. Publ. in Leipzig und des großen Fürsten-Collegis Collegiatens daselbst.



Leipzig , ben Christian Friedrich Befiner 1740.

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Bor diesem hat man sich allein der Glagolitischen Schrifft bedienet, bis der gelehrte Primus Truber die erste Invention gemacht, mit Lasteinischen Buchstaben Crainerisch oder Sclavosnisch zu sehreiben.

Alpha-

Alphabetum Russicum.

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geschrieben

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- 16 Schestnäzet
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Tletwertie

Peuti (peutie)

Schesti (schestie)

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Wosmi

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Schettirinatsetti

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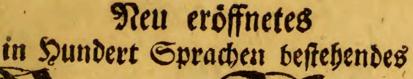
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Gründliche Anweisung,

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Ein leichter Weg gezeiget wird.



Leipzig, ben Christian Friedrich Gefiner, 1743.

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62	Cyrillisch.	
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Benennung.	Groß. Klein. Cur	r. Bedeutung. Zahl.
As	6 BR	A. ali
Boga	D D -	Beloc
Vidil	RCI	V 2
Glagole	Tra	G 3
Dobro	2 2 4	A SAME TO SAME
Esti	3 3 8	E
Shivite	3 X X X	Sh
Selo ?	S S 3	6
Semla	3 3 3	S. Z S Z
Ishe	H	72 1
and the second	HHH	
Thita	10 O	Th 2 9
Iota		I 1 10
Kako	KKC	K 20
Ludi;	AAA	L 30
Mislite	MMM	M 40
Nash	MININ	
Xi	13	N 50 X 60
On	000	
Pokoi	ППП	1 P 80
y. b xónyræ	ISII	90
	7	Benen-
		A Property of the second

	Cyt	illife	h.	Say 1 =	63	
Benenmung. 6	roß. K	lein.	Curr.	Bedeutu	ng. 3ahl.	~
Rezi	P	P	P	R	100	
Slovo	C	C	C	S	200	1-11
Terdo	T	T	П	T	0,300	
Uk V	Û	S.	8	Ü	400	
Fert 5	Φ	Φ	中	Ph	500	10
Hir	X	DC Inte	X	Ch	600	
Ri	â	T	4	Pf		-1
Ot	1	THE H	9	0	700	
Shzha	计	H	X	Shzh		, -
Gi	洁	li	J	C	900	- 4
Zherv	III		Ш	Zh Sh	1000	
Sha	T	1	1	b.	market .	k = 1
JEE	1	七七	OF	ii	Edel -	
Jao	H	4	2	ja	TO MAN	
Jer Jad Je Jo	31			ja	ibu I	*
10	HO	100	1 3	jo	451,512.5	30 d
Tus		P		ju	Nasa	
-02 0		7 7 05	1 17		EQ.	* *
	Trip.					
				1		4.
are in			+ 1	× ×	Das	11-
12	J. 7			1.		18 12
the state of the					7	**** ***

64 Glagolitisch oder Croatisch.							
Das Glagolitische oder Croatische Allphabet.							
Benennung.	groff, f	Elein.	Curr.	Bedeutung	g. Baht.A		
As	SIS	山	山	A	Slovo.		
Roga	巴	巴	쁜	B	0072		
Vidil	P	пп	0.0	V	×31		
Glagole 11.	忍	20	do	G.	7741		
Dobro 🐪	0	们	8	D	, iist		
Esti	9	5	2	E	6		
Shivite	ळ	面	30	Sh	7		
Selo 1	击	出	击	-	Edzi8:		
Semla	13	00	00	S. Z.	9		
1she	T	罗	8	i	oleth.		
	X	X	∞	j	20		
Iota	ILP	III)	X	I	30		
Kako		2	3	K	10		
Ludi		品	H	L	50		
Mislite	36	U U	M	M	60		
		JIC	4	N	70		
Nash		V	V.		1.5		
Ou	B	B	8	,O	80		
Pokoi		門	口	P	90		
		1	ij.		Benen-		
The second second	· \	- "	1,	, 35			
		-)	100 1		

Benennung.	Groß. Kle	in. Eurr.	Bedeutun	g. Zahl.		
Rezi	[]	16	R	ooi		
Slovo	學	9	S	200		
Tèrdo			\mathbf{T}	300		
Uk		BB	U	400		
Fert	ΙΦΙ	PP	Ph	500		
Hir	6	94	Ch	600		
Ot	THE P	别学	O	700		
Shzha	4	4 4	Shzh	800		
Ci	V	VOV	C	900		
Zherv	क्ष	以口	Zh	1000		
Sha	Ші	ш ш	Sh			
Jer	II	1 1	1 polar	· 10 10 10 10 10 10 10 10 10 10 10 10 10		
Jad -	自自	出品	ji 👫 🖟	to the state of th		
Ju :	IM	B	ju			
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1				
Vor diesem hat man sich allein der Glagolitischen Schrifft bedienet, bis der gelehrte Primus Truber die erste lavention gemacht, mit Lateis nischen Buchstaben Crainerisch oder Sclavos						

Alph I. Sclav II. Egypt. III. Gothor. IV. Hetrusc. 75 Fig. I. Benenn. Fig. II. Benenn. Fig. III. Bed. Fig IV. Bed. Ac a C. Athomus a 8 a a a Buc b T Biuithyn b b b VI Cothno e Chinoth c C C C Dobro d Di Dinaim d d R d Feiu f Feiu e e
Ac a Change a 8 a 3 a Buc b J Biuithyn b b b Cothno e Chinoth c C C Dobro d D Dinaim d d R d Feiu f H Eni e C C
Buc b J Biuithyn b b b V Cothno e Chinoth c C C Dobro d D Dinaim d d R d D Feiu f H Eni e C C
Cothno e Chinoth c C C C Dobro d Di Dinaim d d R d D Feiu f H Eni e C e
Dobro d Dinaim d d d R d Feiu f H Eni e X e
D Fein f 3 Eni e Ze
Glaglose g W Fin f Vf - 1/g
\$ Hy h 5 Gomor g Pg
A Illouo i & Heletha h Xh
E. Jesti In Joquum i I i
Ch Missalre m D. Kayta k Ok
I Nam n Lucanim 1 1 1 Mm
Ton o S Mithe m Ym In
8 Pochi p Je Nayn n n n o
Theurus of O Obelat o A o LID
Te Reti r DPilon PBP 19
Sier s Quin q d q Tr
Tre to Iron The T
Tylo u Sichen scis Vt
X Xnie x Q Tela t t
Zanghi z d Ut "Qu ZV
5 Zelth z Xiron x X X
-I-He Z Ipph, y X y
TPi Z Zain z TZ D
PSi OThou th X & Lk

Drientalisch=und Occidentalischer

Sprachmeister,

Welcher

nicht allein hundert Alphabete nebst ihrer Aussprache,

Go ben benen meiften

Europäisch = Asiatisch = Africanisch = und Americanischen Volckern und Nationen gebräuchlich sind,

Auch einigen Tabulis Polyglottis verschiedener Sprachen und Zahlen vor Augen leget,

Conbern auch

das Gebet des HErrn,

In 200 Sprachen und Mund = Arten mit dererselben Characteren und kesung, nach einer Geographischen Ordnung mittheilet.

Aus glaubwürdigen Auctoribus zusammen getragen, und mit darzu nothigen Rupfern versehen.

Leipzig, Zu finden ben Christian Friedrich Gefinern. 1748. 68 Das Glagalitische oder Croatische Alphabet.

Das Glagolitische ober Croatische Alphabet.

Benennung. Groß. Rlein. Eurr. Bebeutung.

As	ATT A STE
Boga	EEE B
Vidil	V an un qp
Glagole	夏如 ~G
Dobro	@ 型 % P
Efti	3 2 2 E
Shivite	交 頭。
Selo	面山面
Semla	OS DO O O S.Z.
Ishe	中
j	XXX
Iota	THE PROPERTY
Kako	日 2 3 K
Ludi	S FIA
Mislite	OR MM
Nash	PERN
Ou	PERM
Pokoi	

Das Blagolitische oder Croatische Alphabet. 69

Benennung.	Groß.K	clein.	Curr.	Bedeutung.
Rezi	, P	Ь	6	R
Slovo	S	9	0	S
Tèrdo	(2)	面	27	T
Uk	E E	B	B	U
Fert	Φ	φ	Ø	Ph
Hir	Lo	4	4	Ch
Ot		다	宋	0
Shzha	8	4	*	Shzh
Gi	W	4	V	C
2herv	Ø	中	と	Zh
Sha	Ш	ш	ш	Sh
Jet	I	7	1	ь
Jad	山山	出	出	ji
Ju	12	1	2	ju

Bor diesem hat man sich allein der Glagolitischen Schriffs bedienet, bis der gelehrte Primus Truber die erste Invention gemacht, mit Lateinischen Buchstaben Craincrisch oder Sclavonisch zu schreiben.

70 Das Cyrillische Alphabet.

Das Enrillische Alphabet. Benennung. Groß. Klein. Eurr. Bedeutung.

menennung.	Otok+2	erenn*	Eurr.	. Seventung
As	IAI	al	1	A
Boga	5	K	4	В
Vidit	R	S) D		V
Glagole	T	r	N	G
Dobro	12	Δ	4	D
Esi	Sub	A S K	3	E
Shivite	M	A	X	Sh
Selo	XS	3	I	SII
Semla	13	3	3	S. Z
Ishe			H	i
j	H	H	Н	j
Thita	10	0		Th
Iota	I	I	1	1
Kako	K	K	cc	ĸ
Ludi	A	1	1	L,
Mislite	M	M	M	M
Nash	M	И	n	N
Xi	3			x
On	10	0	0	0
Pokoi	П	П	П	P
y. bxónyræ	S			

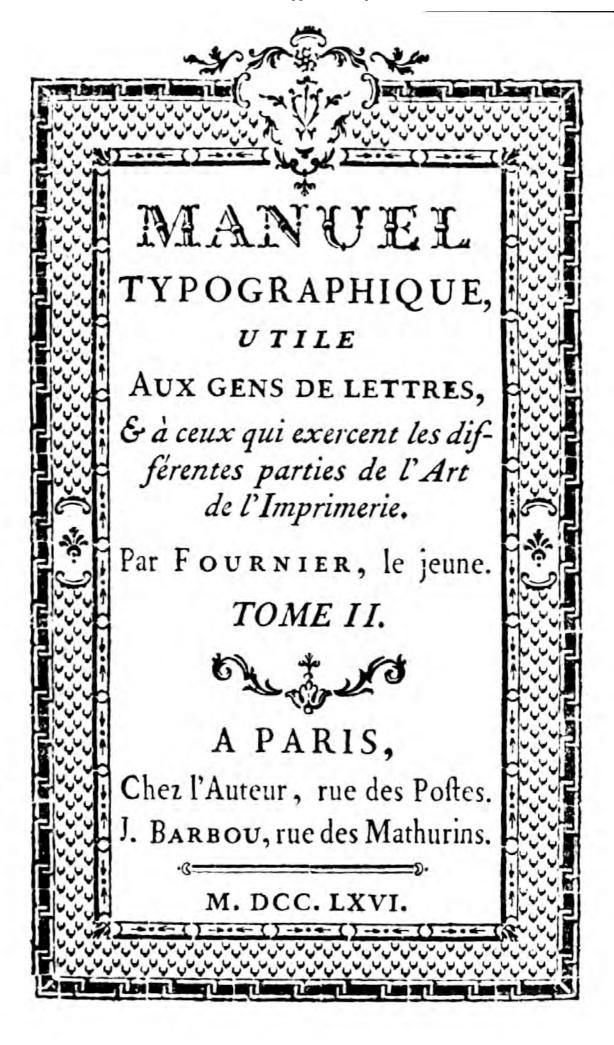
Das Cyrillische Alphabet.

71

Benennung. Groß, Rlein, Curr. Bebeutung.

Rezi	PC	PC	P	R
Slovo	C	C	C	S
Terdo	I	T	П	T
Uk	10	4	8	U
Fert	Ф	φ	中	Ph
Hir	X	X	X	Ch
Pfi	7	4	Ψ	Pf
Ot	B	II	9	0
Shzha	中	ij	炎	Shal
Gi	IL	4	4	C
Zherv	ç	4	O	Zh
Sha	Ш	Ш	ш	Sh
Jer	Ь	P	6	ь
Jad	4	古	T	ji
Ja	H			ja
Je	Æ		1	je
Jo	Ю			jo
Ju		P		ju
	_	_		

Das 6	othischeun B. GOTH	nd Sch	avonische ALPHAI	Alphabet. B. SCLAV.	149
Bigur.	Bedeutung		Figur.	Bedeutung	•
_	2	"	4	Ac	2
るメリセスマ	ь		Ť	Buc	Ъ
T	•		И	Cothno	e
q	d	Ì	Z	Dobro	d
Ż	4		$\overline{\mathbf{R}}$	Feiu	f
Ŵ	f		II	Glaglofe	g
13	g	1	\$	Ну	h
X	h		Ro	Ilfouo	i
Î	í	1	X.	Jesti	1
Ď	k	i	CE	Misalre	m
Ã	1		П	Nam	n
¥	m		T	On	0
T	n		8	Pochi	P
X	0		THE	Theurus	P
M B B B B B B C D M C C M L C C C C C C C C C C C C C C C	p		NASA LE	Reti	r
ă	q	i	\$	Sier	3
R.	r		73	Te	t
cr			17	Vlo	u
1	t		₹	Xnie	x
Ô	n		H	Zanghi	Z
O	x		Ŝ	Zelth	Z
¥	у	i	ŢĬ,	He	
P	3	- 1	で大手で出る	Pi	
交	&	St 3	梁	Si	



	GRECS.	223
65	Russe.	
a	b g d	e
	вВГА	Ee
1	dz i y k	l m
不	зиік.	VIAT
n o	p r s t	y I
	ПРСТІ	IIJ
f ch		ie ui
ΨΛ	ичшш"	
I e	E ROIGO	h is
DI	ONUN	9

224 ALPHABETS

66 Servient, de S. Cyrille.

a b v g d e zh яБВГЛЕЯ З i y k 3HOI IRAM ИЕОПСРСТ y w f ch ps o sch cz **TYAXAOHI** e ë ya ye yo you бизіні в ПР



GRECS. 225 67 Servien. 10 PAEXI iz i k m EHKAMNOT ph ch u PITSOX th sh sch gsc gsh io iu ie iest 经工门口法

226	ALPHABETS	
68	Illyrien, de S. Jerôme	
a b		s +
	M 3 AU Z PP P	
41 1	PSHP4AA	P P
B	中心中间中面中面	
	h cz ci sc ye ya Н Ч Н Н Н	yu D
69	Esclavon.	
a b	HARTS.	i
d 1	n o p q r) Se
84	गमि ४ मिर	SE
t u	x z z he pi s	i
Z.P	る小丁な中代	是
Approximation of the second of	The same of the sa	-

GRECS. 227 Bulgare. 70 X FEW89H 是四名名为品农区 f ps e ia sc sch ious 名中名田田名三田中

IN ORIGINEM
ETHISTORIAM
ALPHABETI SCLAVONICI GLAGOLITICI
VULGO HIERONYMIANI,
DISQUISITIO

ANTIQUITATIS POPULORUM SEPTENTRIONALIUM,
REIQUE LITTERARIÆ SCLAVONICÆ,
ET RUNICÆ STUDIOSIS

A CLEMENTE
GRUBISSICHIO
PROPOSITA.



VENETIIS,

MDCCLXVI.

Apud Jo. Baptistam Pasquali.

SUPERIORUM PERMISSU, ac PRIVILEGIO.

Pag	10
Pag.	20

ALP	HABET	UM	
Glagoliticum.	Runicum.	Græcun	Z.
And to a Frisch. t	1X+	Α	1
LY & ex Frisch. P	r	Ф	2
0.0	В	В	3
Y V	r	Γ	4
A	DIP	Δ	5
∋3	3	E	6
ď	* *	X	
1 dex Orbin. Th	4 & ex Sched. A	z <	7
Do	h	S	
XX	Хн	H)	8
7 9	III H	1)	
HP ex Frisch.			
4	X	K	9
п А	٨	Λ	10
Μ	M	M	11
PPT	PIR	N .	2
Fex Frisch & ex Orbin. 8	1 ex Sched.	0 1	3
Lo	ПВ	П	4
Ь	R ex Sched.	P	15
P& ex Orbin. P	9	S	6
סים	1	T	17
V	u		8

Sebastian Kempgen, Slavic Alphabets

PANTOGRAPHIA;

CONTAINING

ACCURATE COPIES OF ALL THE KNOWN ALPHABETS IN THE WORLD;

TOGETHER WITH

AN ENGLISH EXPLANATION OF THE PECULIAR FORCE OR POWER OF EACH LETTER:

TO WHICH ARE ADDED,

SPECIMENS OF ALL WELL-AUTHENTICATED ORAL LANGUAGES;

FORMING

A COMPREHENSIVE DIGEST OF PHONOLOGY.

By EDMUND FRY, Letter-Founder, Type-Street.



Printed by COOPER and WILSON,
For John and Arthur Arch, Gracechurch-Street;
John White, Fleet-Street; John Edwards, Pall-Mall; and
John Debrett, Piccadilly.

MDCCXCIX.

1799

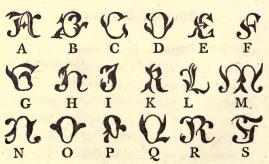
ANCIENT BRITISH 2.

Ein tad yr hwn wytl yn y nesoedd. Sanctedidier dy enw. Deued dy deyrnas. Bid dy ewyllys ar yddaiar, megis y mae yn y nefoed. Dyro i ni heddyw ein bara beunyddiol, amad deu i ni ein dyledion, fel a maddeuwn ni in dyledwgr. Ac nac arwain ni i brofe digaeth. Eithr gwared ni rhag drwg. Amen.

BULGARIAN.



BULLANTIC.



ANCIENT BRITISH 2.

The Lord's Prayer, given as more modern than the former.

Wilk. Ess. p. 435.

BULGARIAN.

Bulgaria is a province of Turkey; the character favors much of the Illyrian, (Fourn. v. 2. p. 275,) but the dialect is Sclavonian.

Bullantic.

Capital ornamented letters in use for the dispatch of the Apostolic Bulls.

astilication as a said a montant action in the

Fourn. v. 2. p. 269.

CORNISH.

Ny taz ez yn neau. Bonegas yw tha hanaw. Tha Gwlakath doaz. Tha bonogath bogweez en nore pocoragen neau. Roe thenyen dythma gon dyth bara givians. Ny gan rabn weery cara ny givians mens. O cabin ledia ny nara idn tentation. Buz dilver ny thart doeg. Amen.

CROATIAN.

Ozhe nash ishe efina nebesih. Svetise jme tuoe. Pridi cesa rastvo tvuoe. Budi volia tvoja Jako na niebesih j tako nasemlij. Hlib nash usag danni dai nam danas. Jodpusti nam dlgi nashe. Jaco she imi odpushzhamo dishnikom nashim. Ine isbavi nas od nepriasni, Dais bavi nas od sla.

DALMATIAN 1.



CORNISH.

lya tvoya; kuko na nebu, tako ina zemiya.

The Lord's Prayer.

Orat. Dom. p. 52.

CROATIAN.

The Lord's Prayer.

Wilk. Ess. p. 435.

The character used by the Croats is the same as the IL-LYRIAN 1, which see.

The languages of this people, the DALMATIANS, ILLYRIANS, SCLAVONS, &c., situated in this part of Europe, are pronounced much like that of Italy.

er. Oc leed on icke voi fristelse. Men frels on

DALMATIAN 1.

This character is said to have been invented by St. Jerom. It is very difficult to pronounce, yet many missals, and the breviary from the Latin; and even the Old and New Testaments, have been translated into it from the Hebrew and Greek.

Duret, p. 738.

ICELANDIC 2.

Gret ylgur Ragnvald rytto Rom-stamir haukar fromast Kund Lodbrokar; kiendo Kuillinda valir illra: Kuóldrido klarar hreldost Kueid ari már fast reidar Tijd fiello tar af giodi Tafnlausir æpto hrafnar.

Thuarr og vid theingils dauda Thydur morg brád, i hijdi Skreidast thui bersi skiædur Skiott marti gráds, of otta: Ox ódum falu faxa Frar miog or leiptri tara Huarma beckur ad hrockin Hraut gron a baudar nauti.

ILLYRIAN 1.



ICELANDIC 2.

This island having been celebrated for great poets, the annexed stanzas which I have taken from Van Troil's letters on Iceland, p. 215, may be pleasing to some of my readers.

ILLYRIAN 1.

John Baptist Palatin asserts that the Illyrians have two alphabets: the provinces on the eastern side used that which most resembled the Greek, said to have been invented by St. Cyril; those on the west, that of St. Jerom, who is reported to be the author of the annexed; but Aventinus, in the fourth book of his annals, says, that about the time of Christ, a certain person named Methodius, a bishop and native of Illyrium, invented this alphabet; and translated the holy scriptures into it, persuading the people to discontinue the use of the Latin, and the ceremonies of the Roman church. See CROATIAN.

Duret, p. 741.

ILLYRIAN 2.



INDIAN 1.

INDIAN 2.

ILLYRIAN 2.

This alphabet is asserted by Palatin, to have been invented by St. Cyril; it is called Sclavonic, and has much affinity to the Russian.

Duret, p. 738.

INDIAN 1.

Nubian. This is thought to have been the original true character of the Abyssinians, but there is some doubt respecting it.

Duret, p. 383.

Le Clabart, p. 614, says, it was taken from the Grimani library at Venice, and brought to Rome in the time of Sixtus IV. in 1482.

INDIAN 2.

Modern travellers (1619) inform us, that the oriental Indians, the Chinese, Japonese, &c. form their letters upon this model, writing from top to bottom. Jerome Osorius, book 2 of his history of Portugal, says, the Indians use neither paper nor parchment, but mark with a pointed tool upon the leaves of the wild palm, and that they have very ancient books composed in this manner.

Duret, p. 884.

RUSSIAN 1.

Aa Ba Ba Γr Дд Ee Жж Ss a b v g d e j z

33 Ии Ii Кк Лл Мм Нн Оо z i i k l m n o

Ππ Ρρ Сс Шш Уу ΦΦ Хх Цц p r s t u ph ch tz

Чч Шш Щщ Ъъ Ыы Ьь Ѣѣ Ээ ch sch schtsch yerr yerì yer yat é

Юю Яя ΘΘ Vv
yu ya th ischitza

Russian 2.

Оптче нашь, иже еси на небесъхь, да свящишся имя швое, да прійдешь царсшвіе швое, да будешь воля швоя, яко на небеси и на земли. Хлъбъ нашь насущньій даждь намь днесь. И осшави намь долги наша, якоже и мы осшавляемь должникомь нашимь. И ни введи нась во искушеніе, но избави ошь лукаваго. Яко швое есшь царсшво и

RUSSIAN 1.

The annexed characters were cut at the Letter-Foundery in Type-Street, from alphabets in the Vocabularia totius orbis Linguarum comparativa, collected and published by command of the late Empress of Russia, in 2 vols. 4to.

Russian 2.

The Lord's Prayer, as used at the present day in the public service of the church in Russia.

318 APPENDIX.

Monks.

Aa Bb Gc Dd AeF86gHb Xi Krbl Mw Nn ◆oPp Qa R‡∽c Tt Uu X+ Yp Z-Z

SCLAVONIAN.

A E E F A E 宗 S 3
a b v g d e j z z

H 『 K A M N O П P
i ï k l m n o p r
C T ケ Φ X リ リ Ш Ψ
s t u ph ch tz ch sch tsch
ズム ム 左 モ Ю で ハ V
ier ieri ieer iat é yu ya th isch

REJANG 1.

ka ga nga ta da na pa ba

W N N N N N N N W

ma cha ja nia sa ra la eea

N N N N N N S o

ooa hha mba ngga nda nja a

APPENDIX. 319

MONKS.

This alphabet was copied from the original paper, which was sent to the late Edward Cave, and is inserted in the Gentleman's Magazine for 1753, p. 170; which paper was given to me by my friend J. Nichols, F. A. S. the present proprietor of that valuable publication.

The alphabet is called Novissima Monachales.

SCLAVONIAN.

Or ancient Russian; taken from the Encyc. Franc. pl. X. It was omitted by accident from it's proper place in the work.

REJANG 1.

Another alphabet of one of the principal internal languages used in the island of Sumatra. Of the two figures at the end of the alphabet, the first is the mark of commencement, and the latter of pause.

Marsden, p. 168.

SCHWABACHER.

Ra Bb Cc Dd Le Sf G9 3h Iii KKLLMm AnDoppQqRr2Sf8ß Tt Uu Vv XxXv Z3Ww.4ckfiff

SCLAVONIAN 1.

SCLAVONIAN 2.

Oche nash izghæ yease nanæbæsægh, da sueatesa ima tuoæ, da predet tzaazstuia tuoæ, da boodet volya tuoya yaco na nebesæ inazemle. Ghlæb nash nasou schneei dazgd nam dnæs. Jo staue nam dolghii nasha yaco imwee ostavelayem dolzgnecom nashim. Ineuedi nas fpapast. No jzbaue nas ot loocauaho. Amen.

SCHWABACHER.

So named from the town of Schwabach in Franconia, where it was invented about the year 1500, and was at one time much in use in Germany.

Fourn. v. 2. p. 267.

SCLAVONIAN 1.

nossimo, I neprifate pata te napare, da induci

Many nations, both in Europe and Asia, speak this language; it is used generally in all the eastern parts of Europe, except Greece, Hungary, and Wallachia; but these nations have a variety of characters.

ly bred, and forgif us our sinnis, as we forgit them that sin agains us. Et led us not into

Fourn. v. 2. p. 226.

SCLAVONIAN 2.

The Lord's Prayer.

Wilk. Ess. p. 435.
Orat. Dom. p. 24.

SERVIAN 1.



SERVIAN 2.



SERVIAN 3.

SERVIAN 1. and 2.

These are the characters used in the most eastern parts of Europe, and are said to have been invented by St. Jedild stress seed Oast idag v Duret, p. 733.

SERVIAN 3.

This alphabet is attributed to St. Cyrillus, and, like the above, is used in the eastern parts of Europe. It was invented about the year 700.

Fourn. v. 2. p. 275. Encyc. Franc. pl. XI. pen-din semo tavanic. Ahra