

VO Einführung in die Methoden der Computer Vision und Materialanalyse

Byzanz: Kultureller Kontext der Handschriftenproduktion

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5. Mai 2022



Istanbul und der Bosporus



Byzantion, 660 BCE -330 CE

Konstantinopel ('Stadt des Konstantin'), 330-1453

Istanbul, 1453-heute

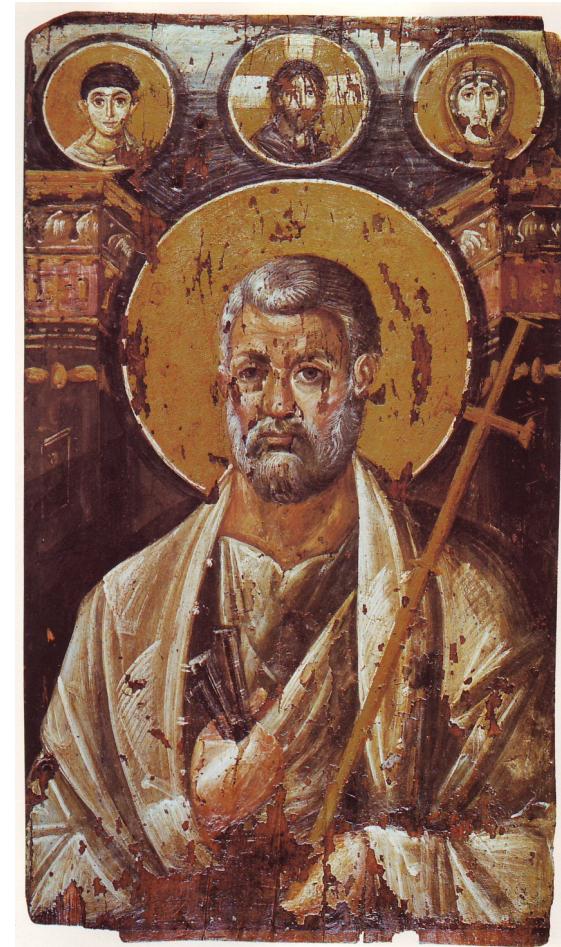
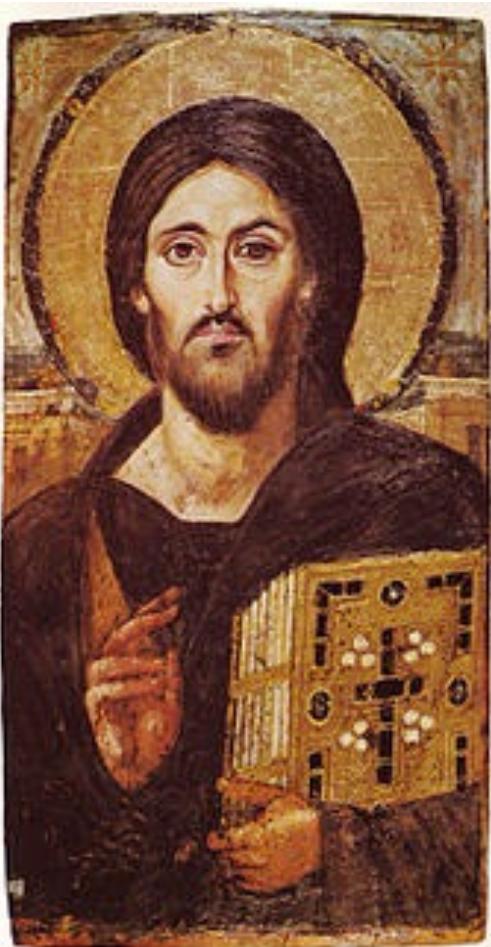
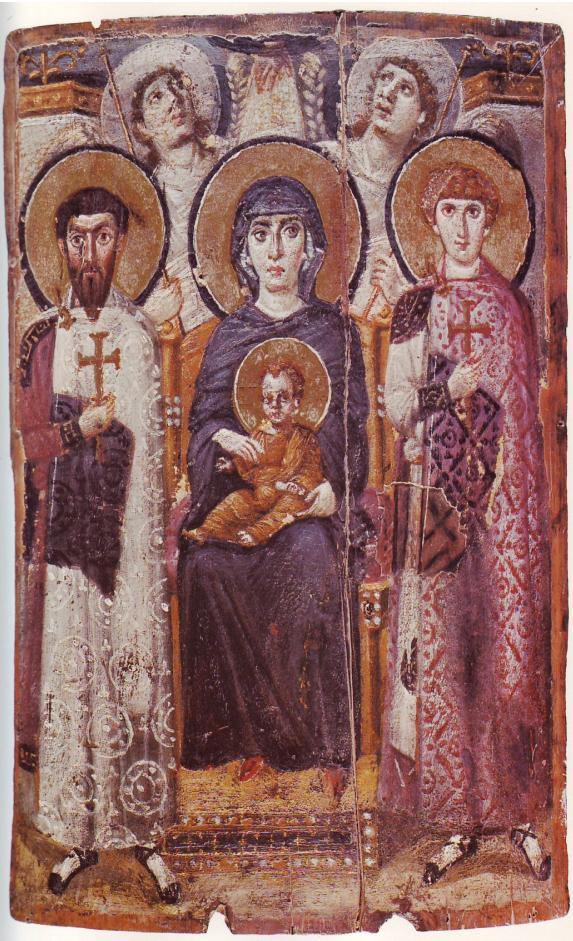




Hagia Sophia, Konstantinopel
(Istanbul) errichtet unter Kaiser
Justinian (nach 532)



Ikonen des 6. Jhs. im Katharinenkloster, Ägypten



Das politische Selbstverständnis der Byzantiner



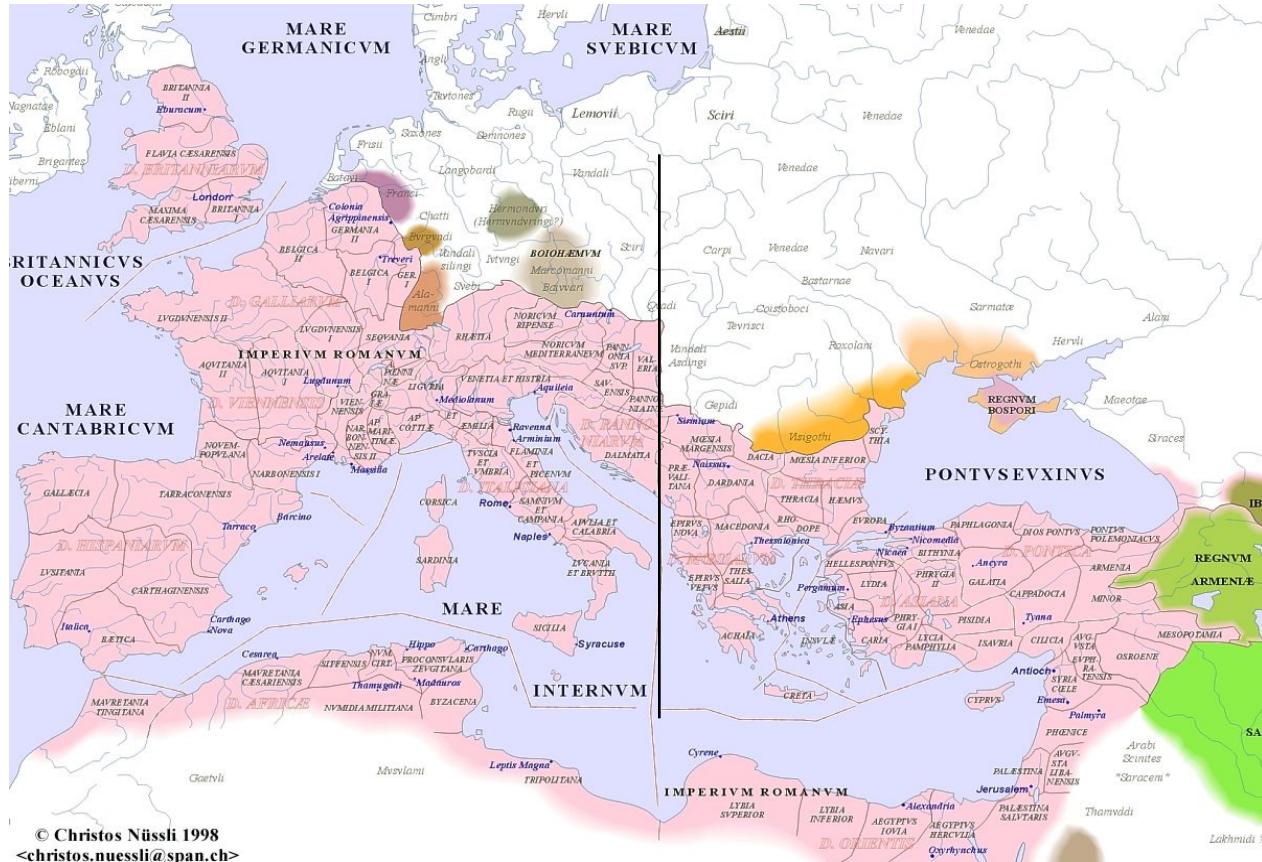
Byzantiner=*Rhomaioi*

Griechische Sprache und Kultur
Römische Staatsverfassung und Verwaltung
Christliche Religion



Gaius Octavianus (63 v.u.Z.-14 u.Z.)
Gründer des Römischen Reiches
Titel: *imperator caesar, augustus,*

Das Römische Reich, ca. 300



Sprache:
Lateinisch

Sprache:
Griechisch

Territory of the Byzantine Empire, 395-1400 CE (km², estimates)

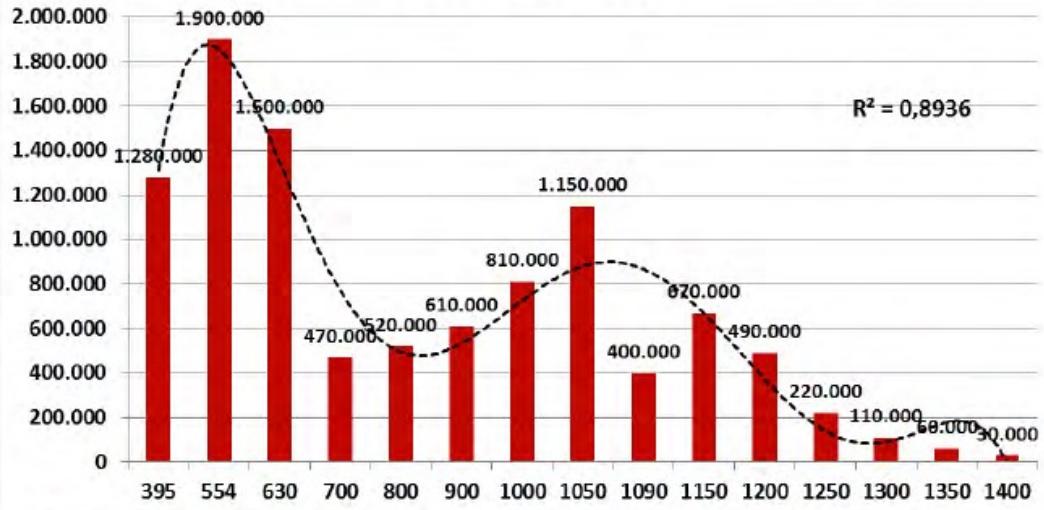
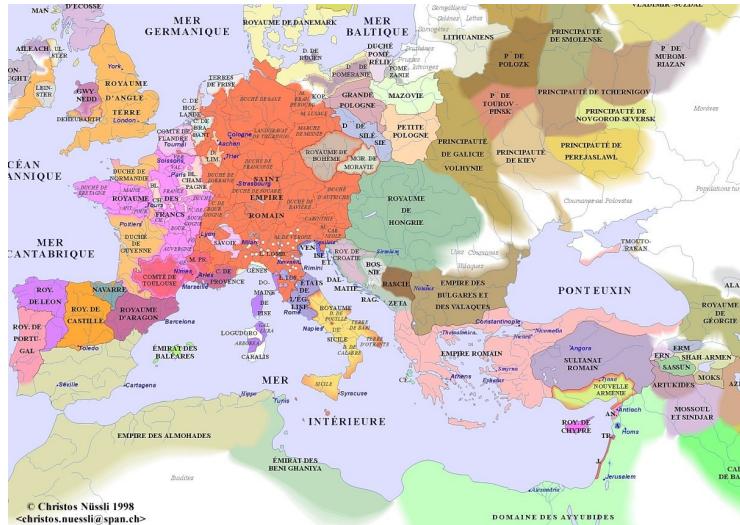


Fig. 1: Territory of the Byzantine Empire, 395-1400 CE (in km²; calculations and graph: J. Preiser-Kapeller)

Kreuzfahrerzeit, ca. 1200



Osmanische Expansion, ca. 1400



Periodisierung der byzantinischen Geschichte

Früh: ca. 330 bis ca. 700

Gründung Konstantinopels

Christianisierung

4. Jh. Übergang Rolle → Kodex, Papyrus → Pergament

Mittel: ca. 700 bis 1204

Ikonoklasmus (726-843)

Kulturelle Blüte im 10. Jh.

Eroberung Konstantinopels durch die Kreuzfahrer (1204)

9. Jh. Metacharakterismos: Minuskelschrift

Spät: 1204 bis 1453

Konstantinopel unter byzantinischer Herrschaft (1261)

Palaiologen-Dynastie

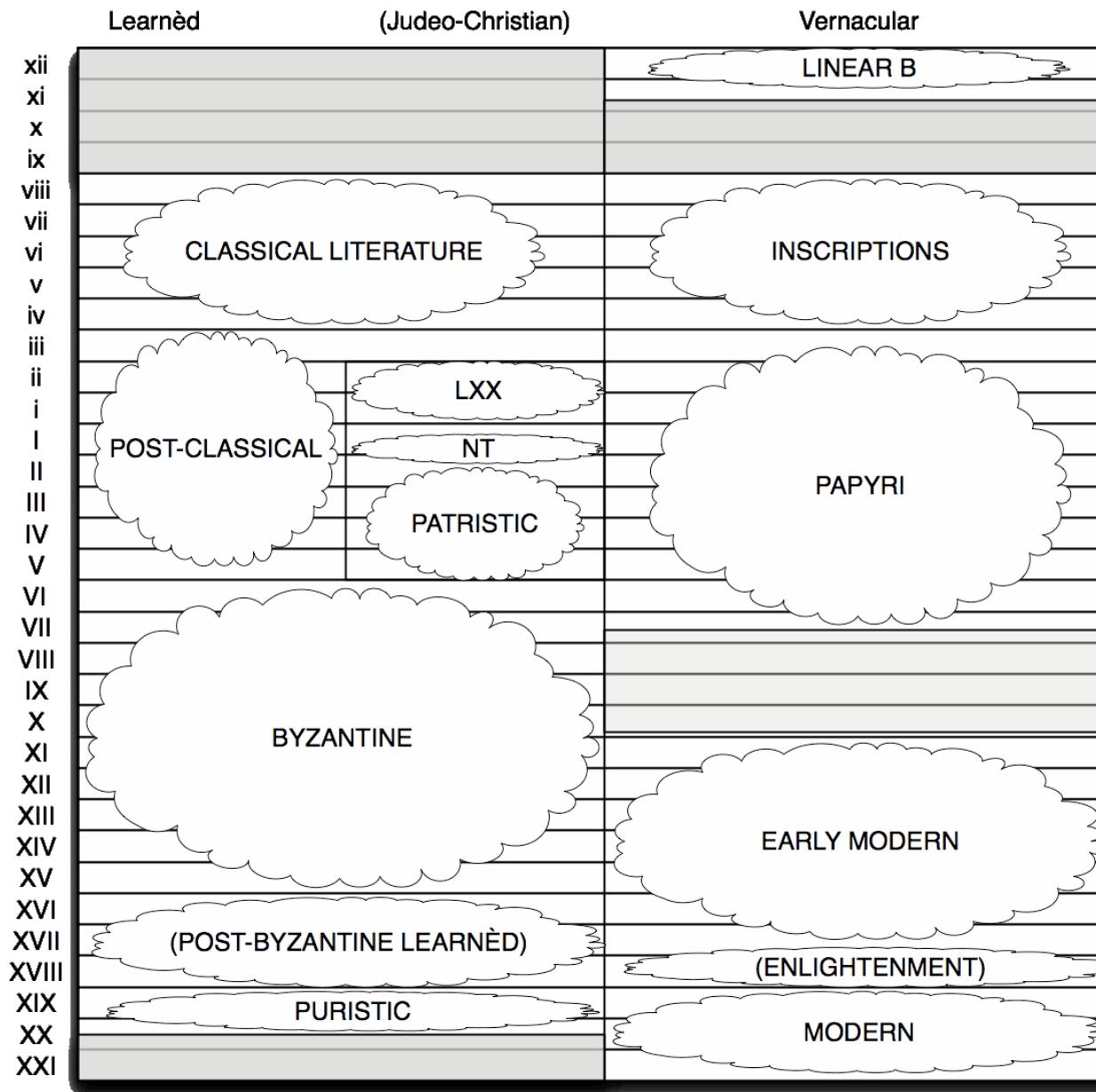
12. Jh. und später: Mehrzahl der überlieferten Handschriften

Nachleben, Byzance après Byzance: nach 1453

Diglossia: two language registers

Most of the writing in Greek that survives was created in medieval Byzantium (4th to 15th cent.)

All of classical literature (8th cent. BCE-3rd cent. CE) that survives was copied in medieval Byzantium



Thesaurus Linguae Graecae: searchable versions of all Greek texts from the 8th century BCE to the 15th century CE

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- Cunliffe's Homeric Lexicon
- Powell, Lexicon of Herodotus
- Online LBG
- Koumanoudes, Συναγωγή

Our mission and our projects

News and Updates Sept. 30, 2020: Corpus Update from thirty-six authors have been added.

TLG data) Authors by century

A bar chart titled "Authors by century" showing the number of authors per century from 4th to 15th AD. The Y-axis represents the "Number of Author" ranging from 0 to 400. The X-axis represents the "Century" with labels rotated. The chart shows a general decline in the number of authors over time, with a notable peak around the 4th century AD.

Century	count
A.D. 4	173
A.D. 5	136
A.D. 6	144
A.D. 7	83
A.D. 8	62
A.D. 9	128
A.D. 10	150
A.D. 11	146
A.D. 12	142
A.D. 13	132
A.D. 14	174
A.D. 15	131

Literacy

Alphabetization

Semi-literacy

Functional literacy

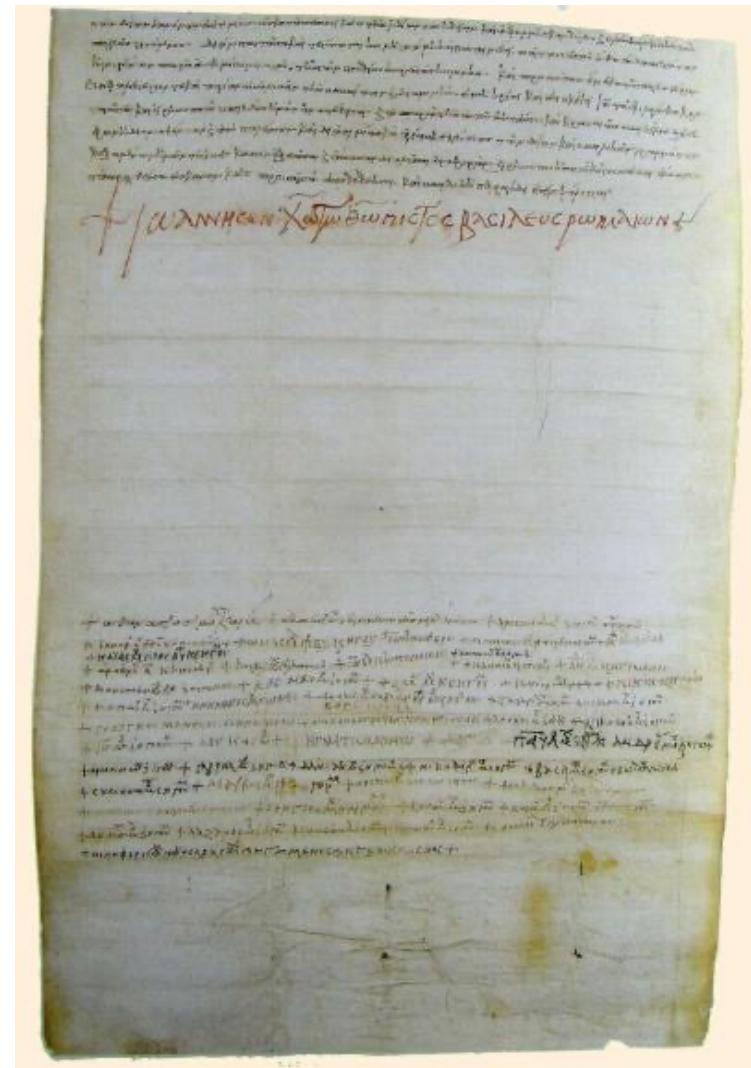
Scribes, calligraphers

Higher learning, competence in *logoi*

Authors (literary training, familiarity with classical literature, esp. Homer) and their audience

Learned men = *logioi*

Foundation charter (Typikon) for the Lavra on Mount Athos, signed by Emperor John Tzimiskes, 971/2



Source: <https://athosweblog.com/2010/02/28/1004-tragos/>

On the appreciation of literary production in Byzantium

“You met in a rather large circle interested in literary matters...being an aesthete you enjoyed the recital of rhetorical pieces of some kind (official speeches, practice speeches, descriptions, letters, etc.), you were delighted with the contest of the authors, you participated if possible in the acclamation concerning the value of the recited pieces—and you took notes of everything that seemed useful for your own employment.”

H.Hunger, ‘On the Imitation (*mimesis*) of Antiquity in Byzantine Literature,’ *Dumbarton Oaks Papers* 23/24 (1969/70), 15-38, p. 18-19.

Sources of literary inspiration: Homer

Verses of Homer, copied on a limestone ostrakon (pottery shard), probably in the 5th century, and found in a monk's cell in an Egyptian monastery

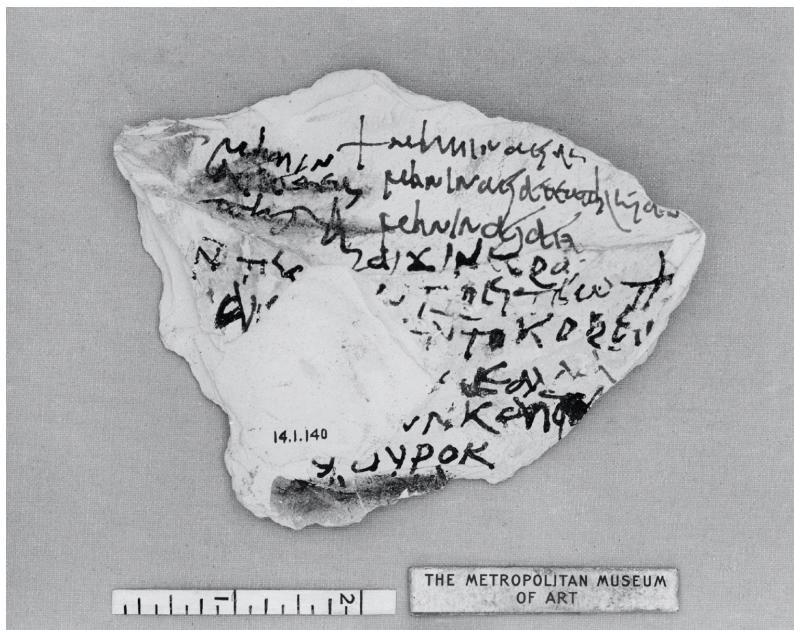


Figure 6.3 Homer, *Iliad* 1.1 (Mon. Epiph. 611 = O.MMA. 14.1.140).
The Metropolitan Museum of Art (Rogers Fund, 1914, 14.1.140). ©
2015 The Metropolitan Museum of Art/ Art Resource/Scala, Florence

Source: A. Maravela, 'Homer and Menandri Sententiae in Upper Egyptian Monastic Settings,' *Monastic Education in Late Antiquity: The Transformation of Classical Paideia*, ed. L. Larsen, S. Rubenson (Cambridge, 2018), 125-149, p.
132

Homer, *Iliad*, copied 5th cent. (Milan, Bibl. Ambrosiana, F. 205 Inf)



Source: https://en.wikipedia.org/wiki/Ambrosian_Iliad#/media/File:Iliad_VIII_245-253_in_cod_F205,_Milan,_Biblioteca_Ambrosiana,_late_5c_or_early_6c.jpg

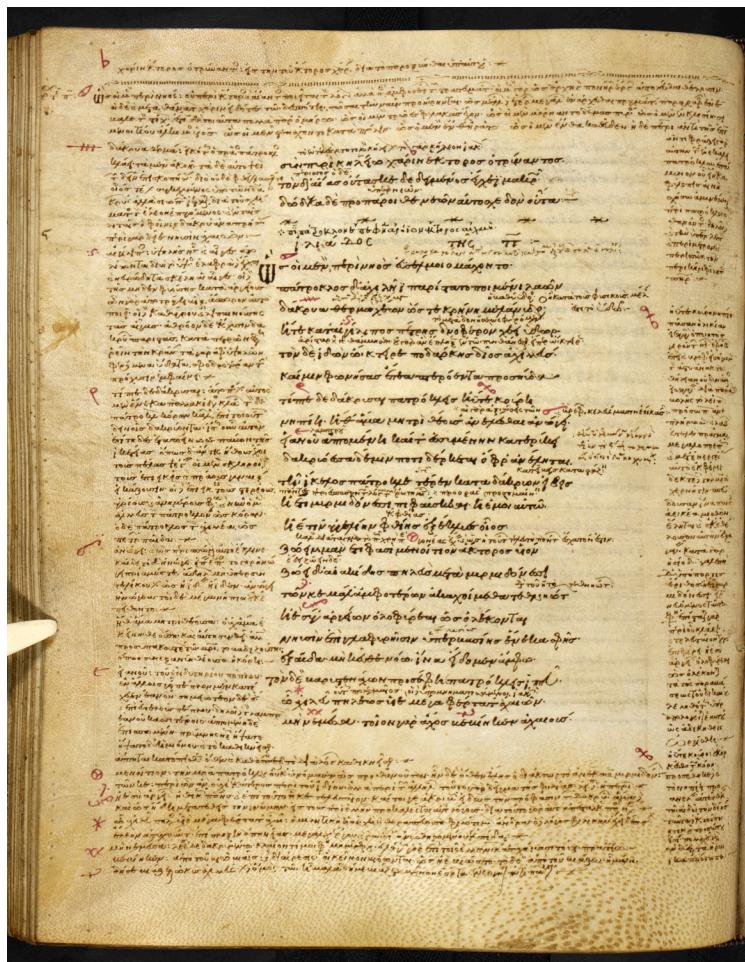
Tabelle 1: Prozentuelle Überlieferung klassischer Autoren
in den ersten Jahrhunderten
(Papyri und Pergamenthandschriften)

	Vorchr.	I-III	IV	V	VI	VII
Homer						
Ilias	10,5	73	6,8	5	3,3	1,3
Odyssee	14,5	68,5	7,1	6,5	2,8	0,6
Tragiker						
Aischylos	8,6	91,4	—	—	—	—
Euripides	29	52	4,3	7,1	5,9	1,7
Sophokles	15,8	60,5	9,2	7,9	5,3	1,3
Komiker						
Aristophanes	1,1	35,9	14,1	34,8	14,1	—
Menander	11,7	68,3	10,7	3,7	3,9	1,7
Philosophen						
Aristoteles	6,3	79,2	8,2	6,3	—	—
Platon	6,4	87,8	2,9	1,7	1,2	—
Rhetoren						
Aischines	—	100	—	—	—	—
Demosthenes	3,1	85,2	6	4,7	0,9	—
Isokrates	1,2	64,5	22	7	3	1,2
Historiker						
Herodot	—	93,1	4,5	2,3	—	—
Thukydides	1,1	89,7	4	1,9	1,3	1,9
Xenophon	2,5	83,75	13,75	—	—	—
Dichtung/Lyrik						
Hesiod	7,1	79,1	5,8	6,7	1,2	—
Kallimachos	5,6	72,5	12,7	6,3	2,1	0,7
Pindar	2	88,6	5,5	1	2,9	—
Sappho	8	80	4	—	4	4

Source: Ch. Gastgeber, 'Die Überlieferung der griechischen Literatur im Mittelalter'
Einführung in die Überlieferungsgeschichte und in die Textkritik der antiken Literatur, vol. 2:
Mittelalter und Neuzeit, ed. E. Pöhlmann,
Darmstadt 2003, p. 2.

Words generate more words: the creation of commentaries

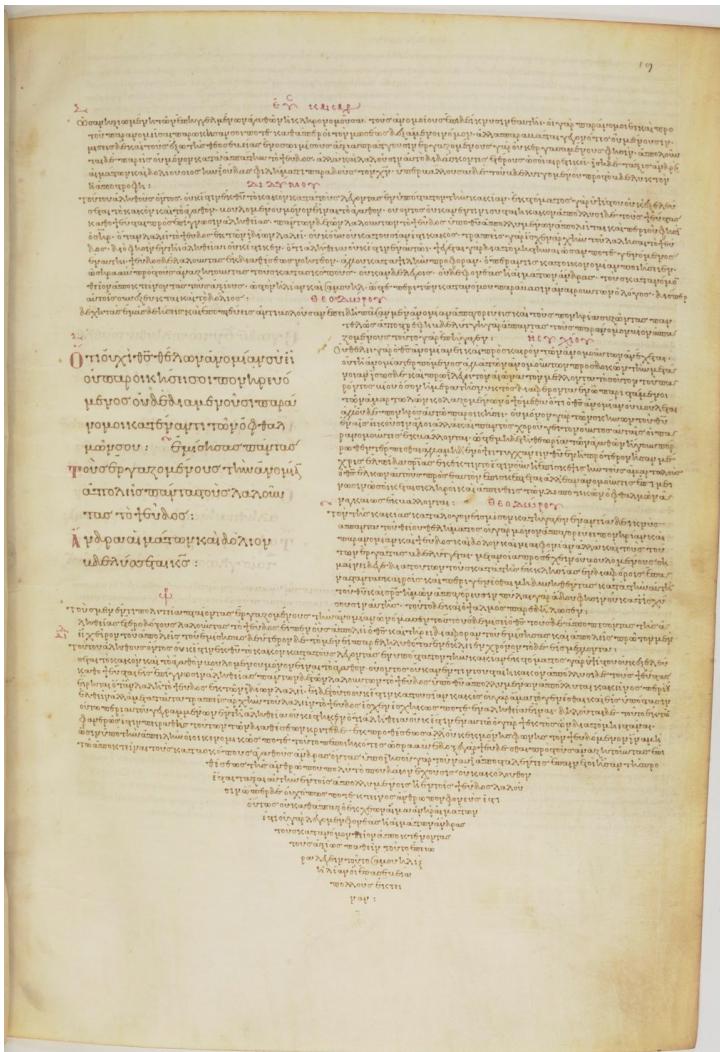
Homer, *Iliad*, in the center, with commentary in the margins



London, British Library, Burney 86, fol. 170v, copied probably 1059

Words generate more words: the creation of commentaries

Psalm (at the center) with commentaries from different authors



Source gallica.bnf.fr / Bibliothèque nationale de France. Département des manuscrits, Grec 139

Paris, BNF, gr. 139, copied in the 10th cent., perhaps for emperor Constantine VII Porphyrogennetos

The Evangelist Luke (author of one of the four Gospels) depicted in the act of writing



Manuscript, ca. 1050, British Library Add. 28815 (Guest-Coutts New Testament)

Books as precious gifts

Leo, imperial
treasurer, offers
his book to the
Holy Virgin
(Mother of God)



Vatican Library,, ms. reg. Gr. 1, 10th cent. (here shown in facsimile)

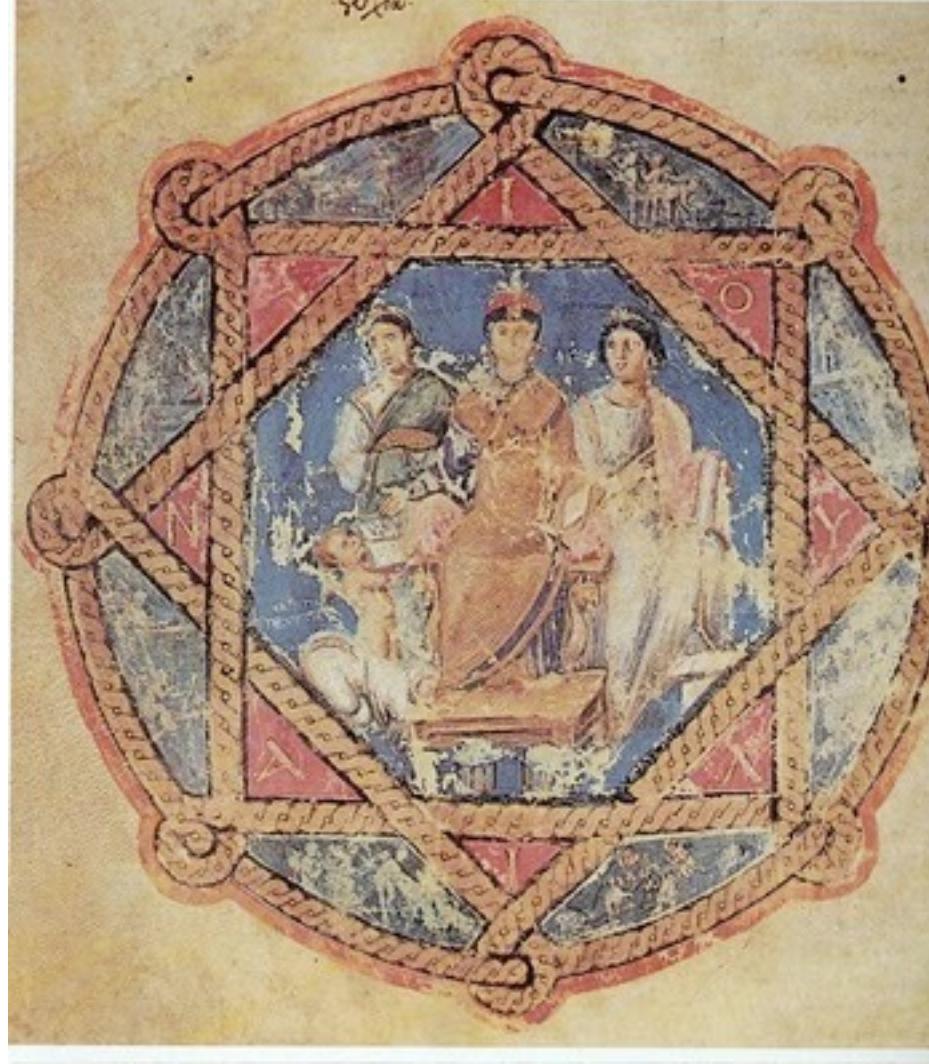
Constantine, brother of Leo,
founder of the monastery to
which the book was donated;
Makar, abbot of the
monastery

The patronage exercised by wealthy women also included the creation of books



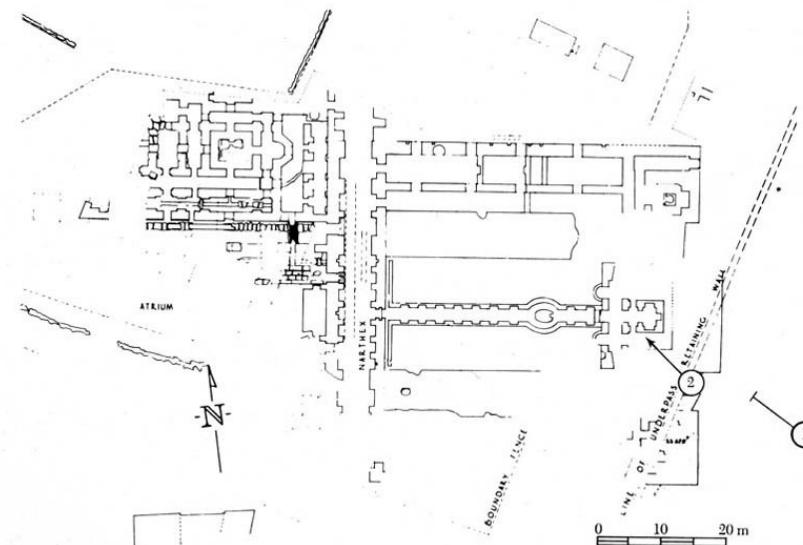
Oxford, Lincoln College, ms. gr. 35 (Lincoln College Typikon), fol. 10v-11r

Source: N. Gaul, "'Writing with Joyful and Leaping Soul': Sacralization, Scribal Hands and Ceremonial in the Lincoln College Typikon,' *Dumbarton Oaks Papers* 69 (2015), 243-272, p. 249.

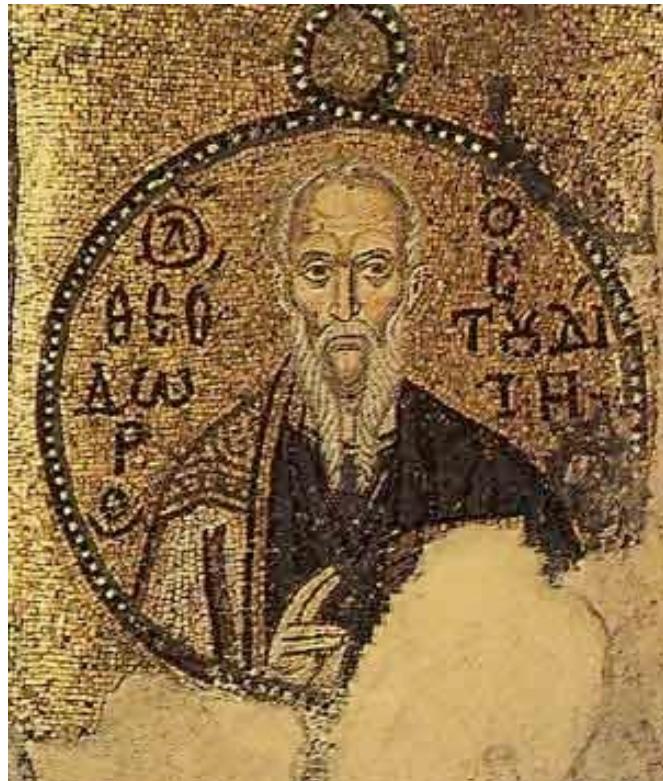


Österreichische Nationalbibliothek, Codex historicus graecus 1, 6. Jh.
Stifterbild der Anicia Juliana: Frühestes Stifterbild in einer Handschrift

Kirche des Heiligen Polyeuktos, Konstantinopel, Stifterin: Anicia Juliana



from Harrison



Theodoros Stoudites (759-826),
Abt des Stoudiou Klosters, Konstantinopel





Kloster des Heiligen
Johannes 'en Stoudio',
Konstantinopel
Rekonstruktion

<http://www.byzantium1200.com/studion.html>



Typikon für das Stoudios-Kloster in Konstantinopel, nach 842

[26.] It should be known that on the days when we rest from our corporal work, the keeper of the books sounds the wooden semantron once, and the brothers assemble at the book station; each one takes a book and reads it until the evening. Before the signal for the office of lamplighting, the man in charge of the books sounds the semantron again, and all the brothers come to return their books in accordance with the register. If anyone is late in returning his book, he should suffer some penalty.

Hieronymus Wolf (1516-1580)

Begründer der ‘Byzantinistik’



Geschichte der griechischen Handschriften der Österreichischen Nationalbibliothek



Matthias Corvinus (1443-1490), König von Ungarn, Besitzer der grössten Bibliothek Europas



Ogier Ghislain de Busbeq, 1522-1592, Bücherkäufer in kaiserlichem Dienst

Geschichte der griechischen Handschriften der Österreichischen Nationalbibliothek



Adam Franz Kollár (1718-1783)

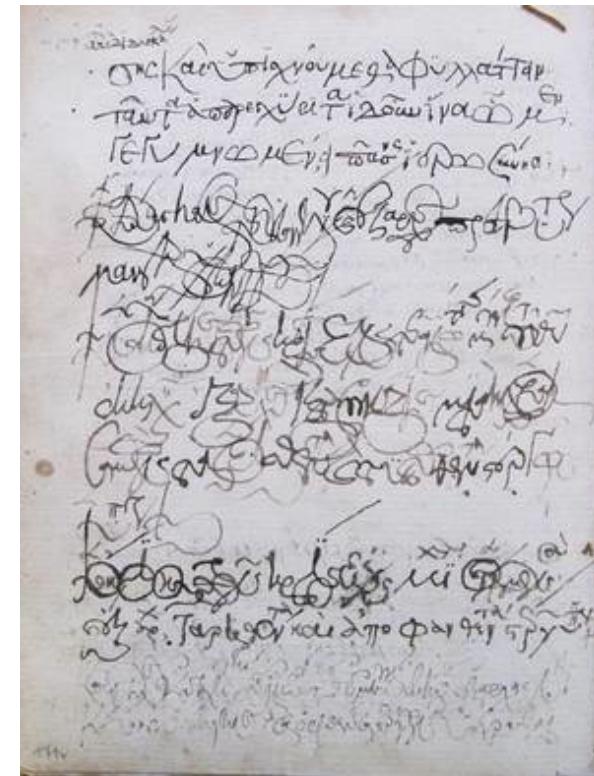
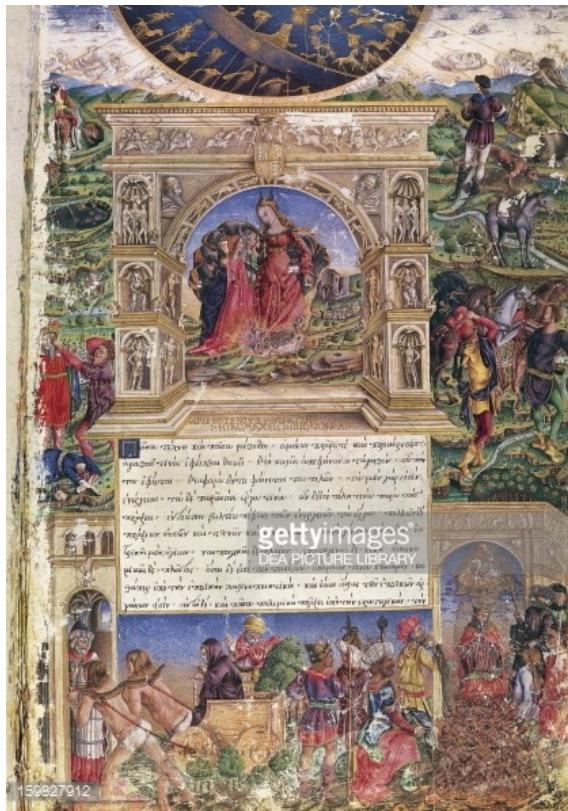


Herbert Hunger (1914-2000)

Online Katalog der ÖNB Sammlungen (HANNA)

http://search.obvsg.at/primo_library/libweb/action/search.do?mode=Basic&vid=ONB&tab=onb_hanna

Mehr als 1000 griechische Handschriften in der Österreichischen Nationalbibliothek



Palimpsesthandschrift: Dexippus über die Ostgoten (Jana Gruskova, ABF, IMAFO, ÖAW)

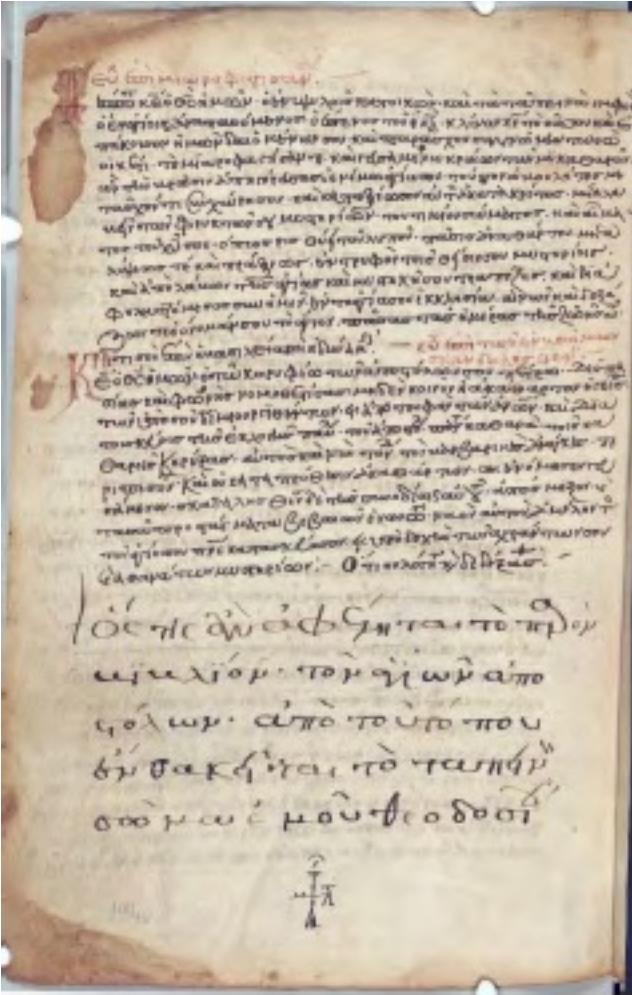


Figure 1: Vienna, Österreichische Nationalbibliothek,
Hist. gr. 73, fol. 194^v, upper text
Spectral imaging by the Early Manuscripts Electronic Library.
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Figure 3: Vienna, Österreichische Nationalbibliothek,
Hist. gr. 73, fol. 194^v, lower text
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