

Unlocking the Mysteries of a Medieval Chant Book with Multispectral Imaging

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Visible Imaging Multispectral Imaging Book Histories

codices

a digital studio for the optical, chemical, and computational analysis of manuscripts, texts, and early printed books

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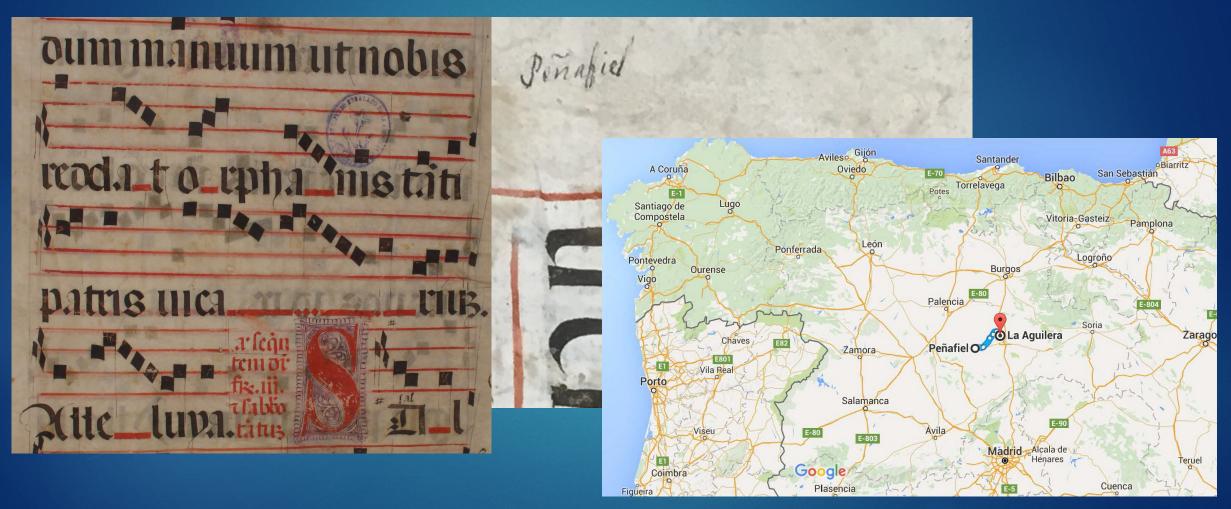


Adair Chant Book

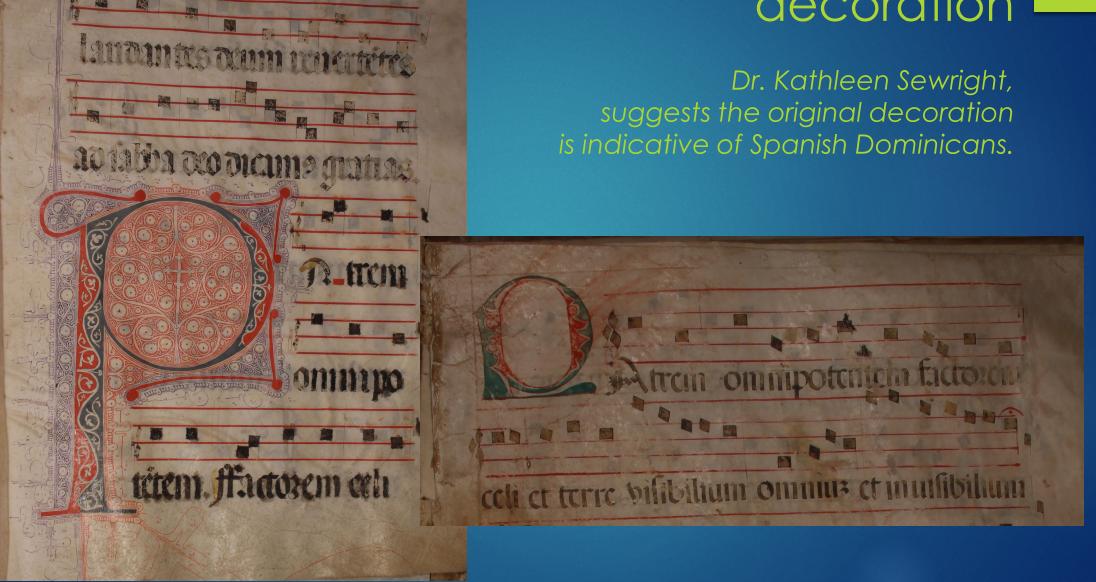
UMKC Special Collections
Music Z Collection Oversize f
M2147 .C53 1500z
fol. 71r

provenance

Peñafiel & San Pedro Regalado La Aguilera









13 bifolia inserted at beginning

- ff. 1-2 vespers antiphons for feast of St. Francis/Clare
- ff. 3-4 antiphon for the Annunciation
- f. 5r antiphon for all seasons (but Palm Sunday, Easter, Pentecost)
- f. 5v antiphon before Mass for Easter
- ff. 6-9 Credo
- f. 10r tract for Virgin Mary
- f. 10v Kyrie for Eastertide missing leaf—index identifies "Missa egredimini" ff. 11-13 Credo

duchos an ir Eloum ca n Salve sancte pater patriae lux forma minorum virtutis speculum recti via regula morum carnis ab exilio

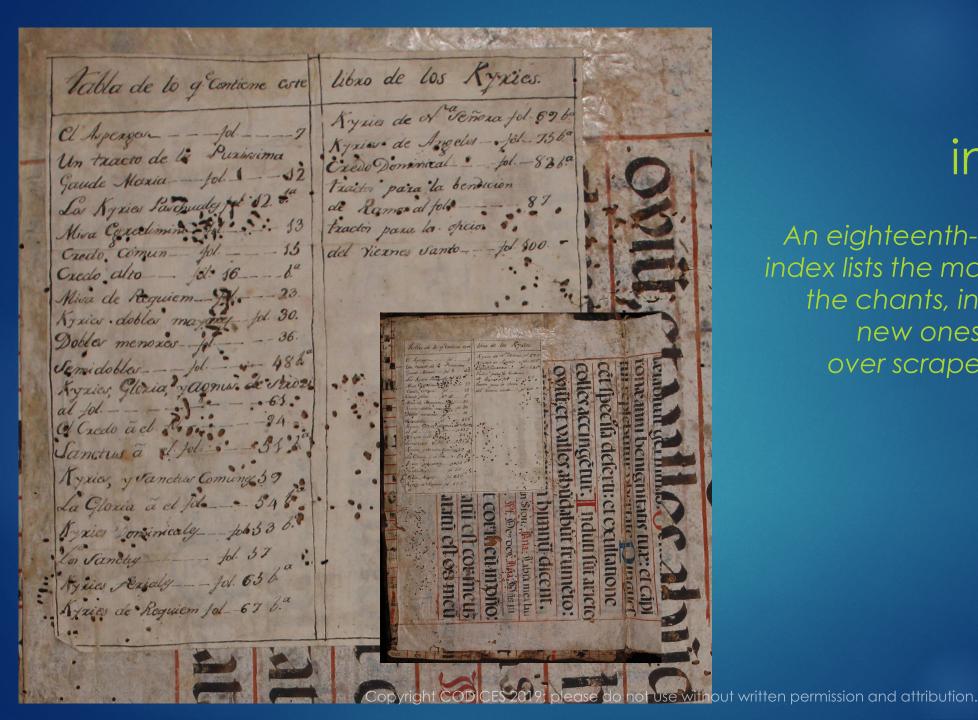
duc nos ad regna polorum.

antiphon for vespers

Salve sponsa dei virgo sa cra planta minorum tu vas mun ditiae tu praevia forma so rorum Clara tuis precibus duc nos ad regna polorum

Dr. Erika Supria Honisch notes that the
Feast of St. Francis, f. 1r-v
rgo sa
has been augmented
n tu vas mun
with a lyric for St. Clare.





index

An eighteenth-century index lists the majority of the chants, including new ones written over scraped ones.

kyriale = main section of manuscript

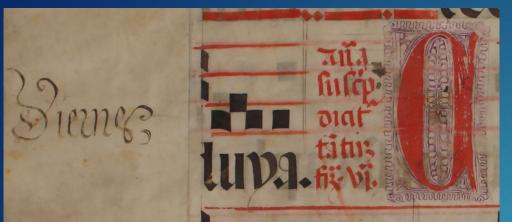


series of masses for major and minor feasts

Kyrie Gloria Sanctus Agnus Dei

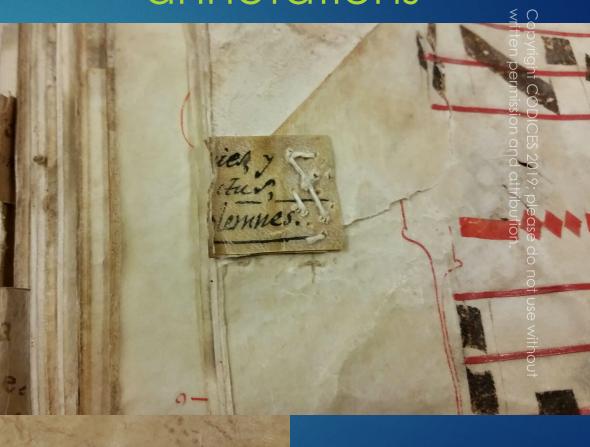
parts of daily office for Passion week

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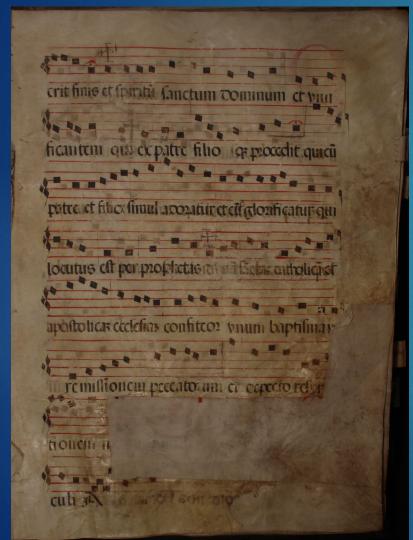


vernacular annotations

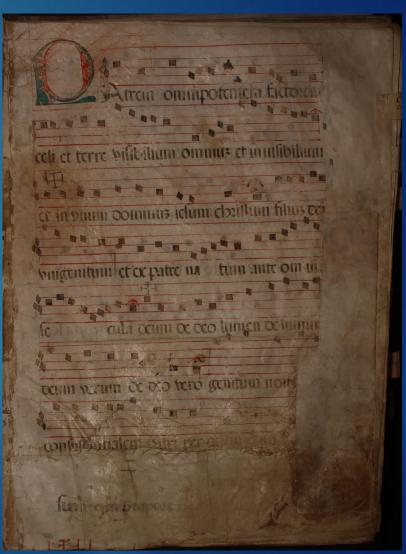




repaired leaves







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simplification of chant



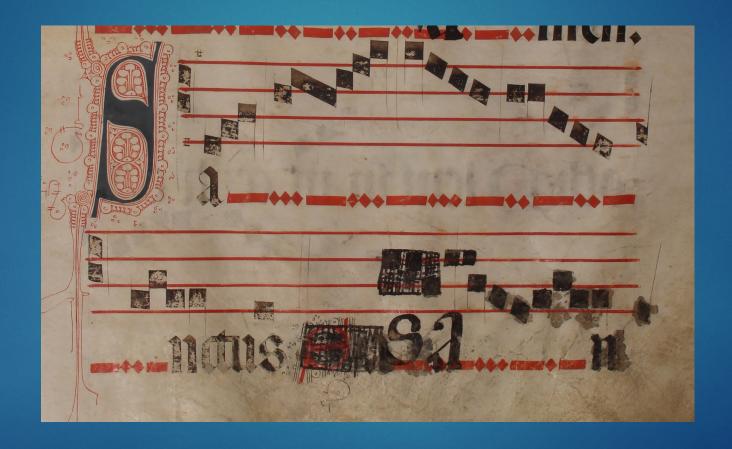
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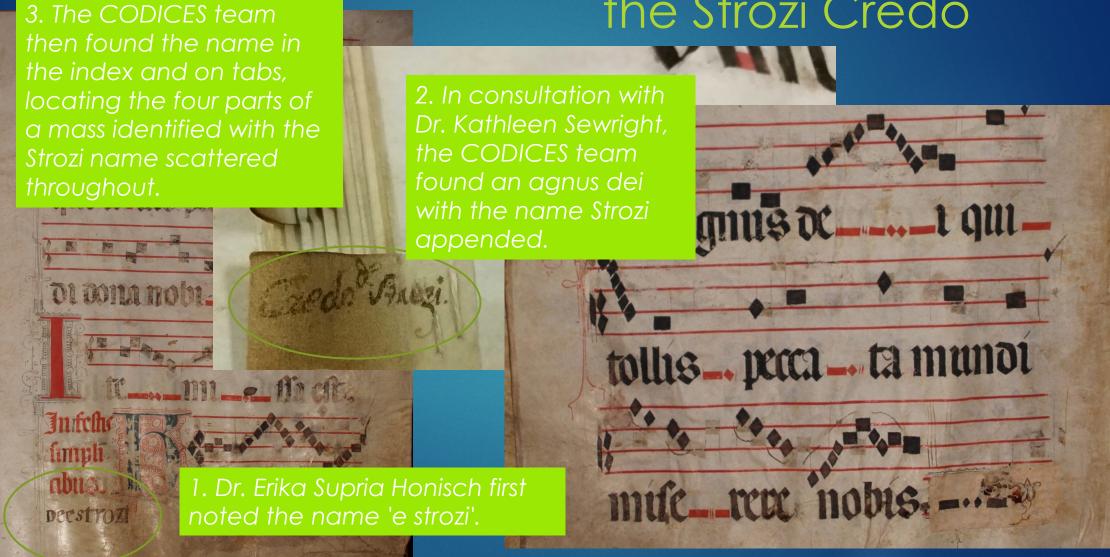




correction & over correction



new music for old lyrics added the Strozi Credo



ff. 82v-87v Strozzi Credo & superimposed new chant & lyric







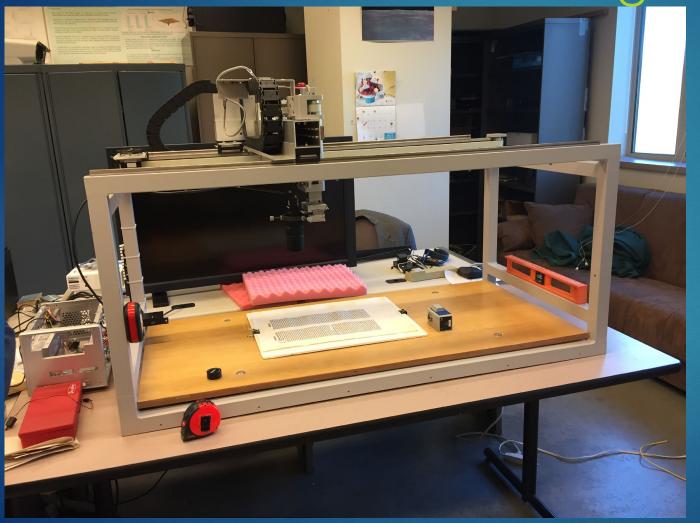
ff. 37v-38v scraped and new music for a kyrie







multispectral scanner & digitization stand

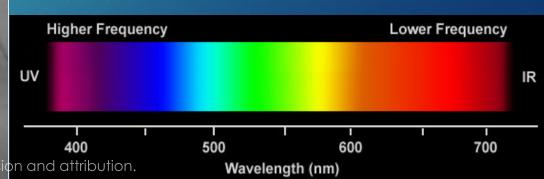


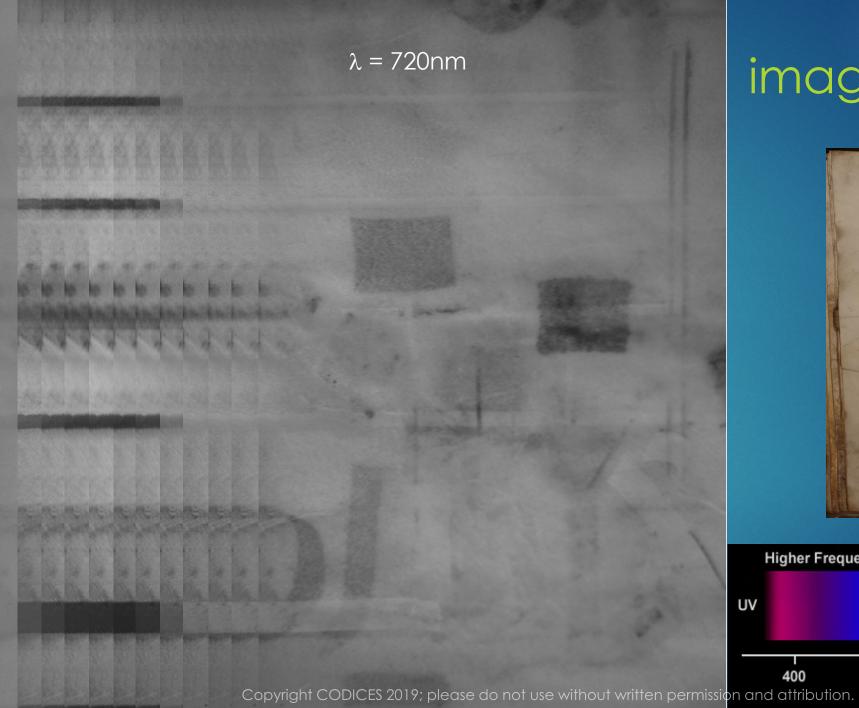


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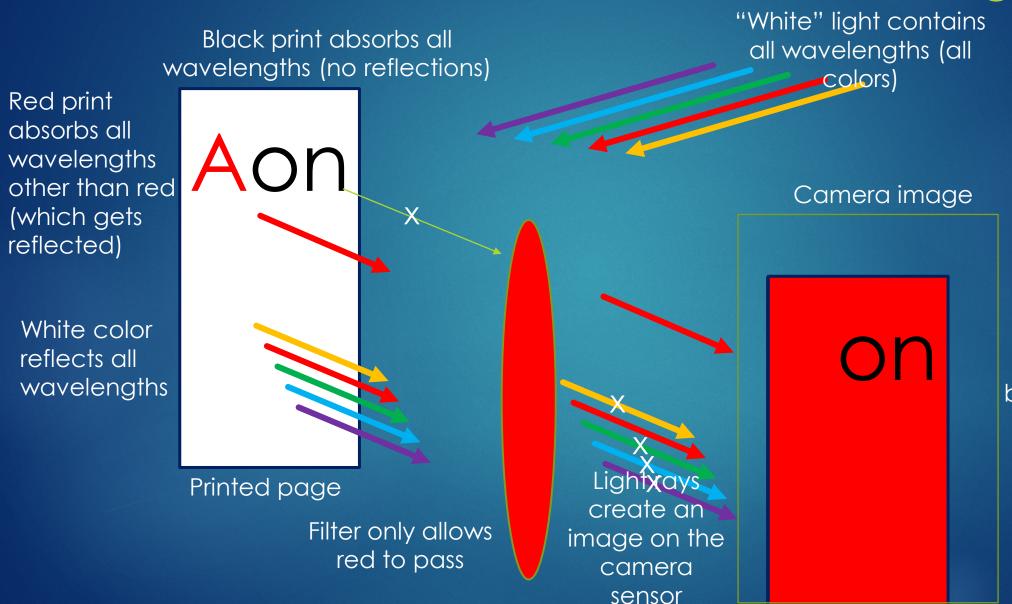
image stack







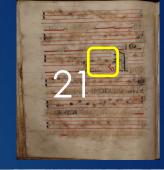
where did the red go?



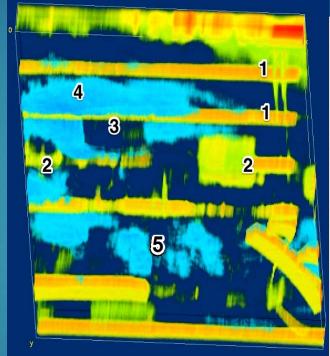
The red disappears
because there is no
longer any contrast
between the red letter
A and surrounding
white paper
(notice the black
letters still have
contrast- since they
contain no red)

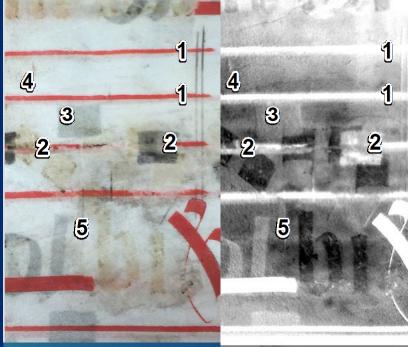
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f. 38v region of interest



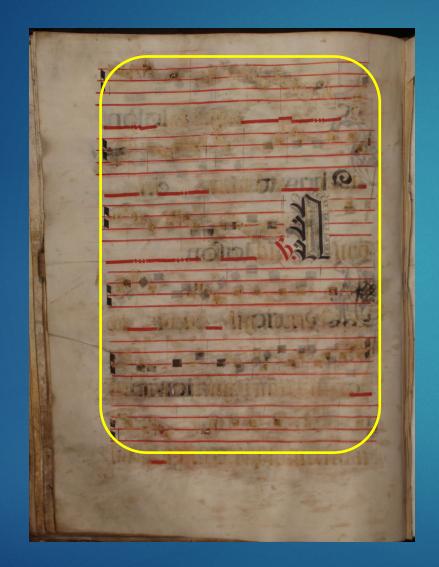


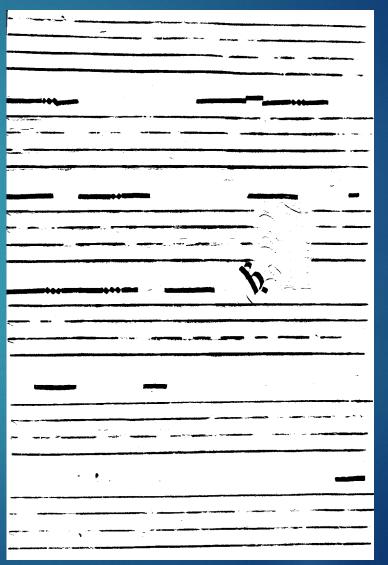




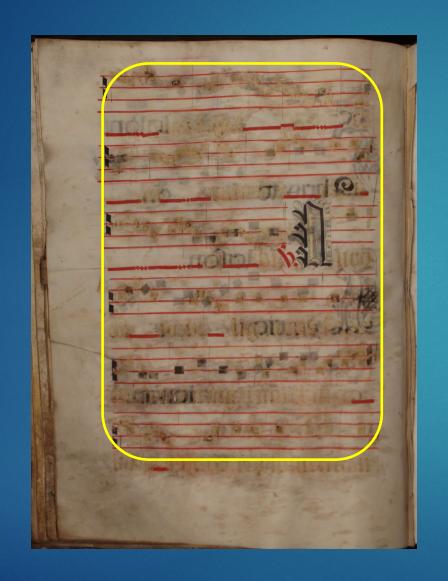
- 1. evidence of compositionally different red ink used to reline the staves
- 2. invisible musical notes (dark) including two notes obscured by bleed through
- 3. musical notes bleeding through from the reverse (light)
- 4. extensive scraping of vellum
- scraped letters (dark) & bleed through letters (light)

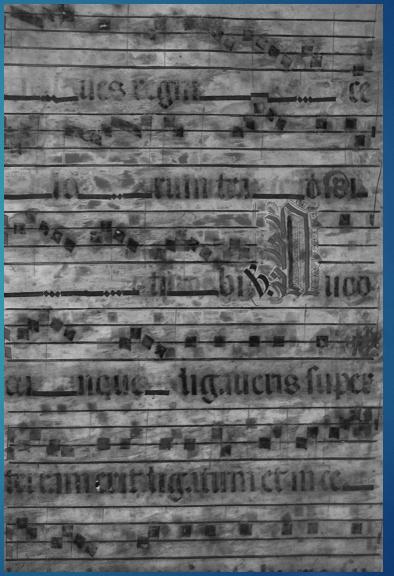
f. 38v one color of ink (red)





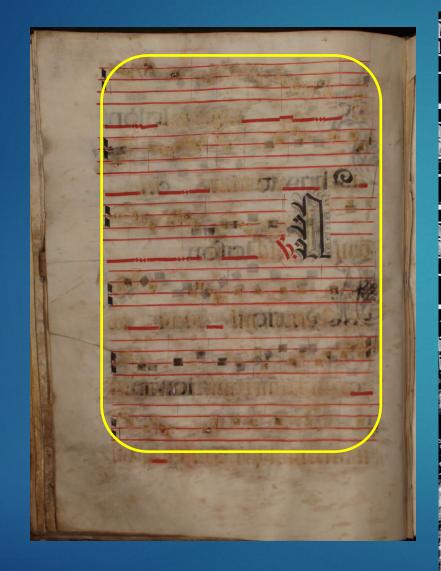
f. 38v invisible text





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f. 38v scraped areas highlighted



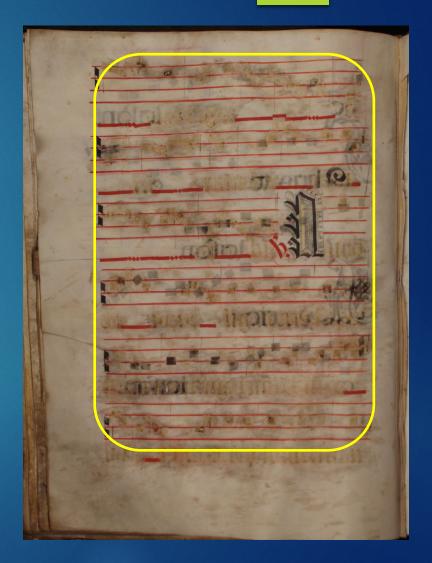


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f. 38v recto bleed through









unfinished

ves regni ce lorum tradidi tibi Quo cumque ligaveris super terram erit ligatum et in ce lis et quodcumque solveris su

f. 39-42 cut out (per terram erit solutum et in coelis)

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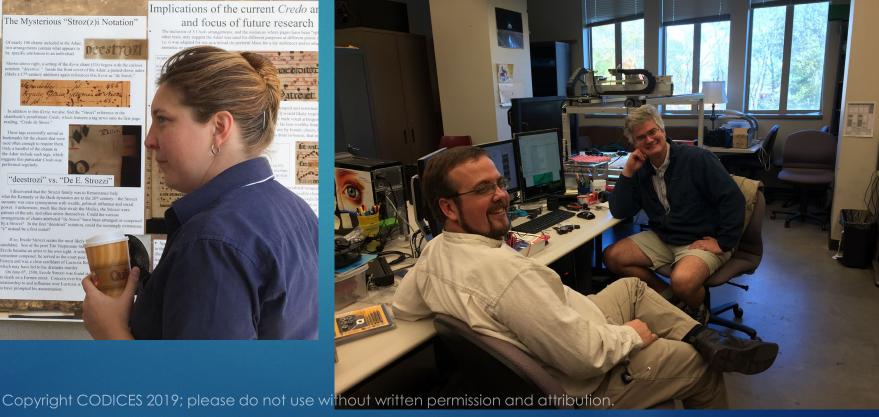
f. 38r scraped chant "Tu es Petre" overwritten with Kyrie

Symon P (antequam) de navi voca rem te novi te et super plebem me am principem te constitui et cla

team members

Annie Liljegren, English Jesse Lowe, Computing and Engineering







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