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Holck, Jakob Povl; Etheridge, Christian; Dorch, Bertil F.

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EXTRACTION OF 16th CENTURY CALENDAR FRAGMENTS

BY JAKOB POVL HOLCK, PH.D. & CHRISTIAN ETHERIDGE, PH.D. FELLOW
SDU, UNIVERSITY LIBRARY OF SOUTHERN DENMARK & CENTRE FOR MEDIEVAL LITERATURE

BACKGROUND

FRAGMENTS: A HIDDEN TREASURE

Pieces of rare texts, such as medieval manuscripts, may be found as part of the binding of 16th and 17th century books. Such pieces are termed “fragments”. Often, these fragments will be extremely well preserved and may provide hitherto unknown information to medieval historians.

RARE AND OLD CALENDARS

Calendars made in the medieval and early modern period were made for perpetual use. This was achieved with the so-called repeating dominoical letters next to the date. This would be used in combination with a table to establish the day of the week. Calendars could also be used to determine the astrologically correct time for bloodletting. Finding fragments of such calendars is very rare.

PURPOSE AND HYPOTHESIS

A search through the 16th and 17th century volumes in the Diöcese Library of Funen, held at the University Library of Southern Denmark, led to the finding of valuable calendar fragments which were available for the second half of the 16th Century, the extraction of which was possible.

MATERIALS AND METHODS

The production of the calendar fragments requires a careful dissection of the old bookbinder’s glue and a meticulous detachment of each calendar leaf. For documentation, each leaf is being photographed by the conservator of Odense City Museums. The 1580 book has an outer cover of parchment made from a ruined and possibly medieval manuscript leaf. The inside of this pamphlet, containing writing, is being photographed as well. The calendar fragments are made from paper with woodcut illustrations. A well preserved title leaf makes it possible to easily identify the fragments, whereas other fragments may require extensive use of Big Data and other forms of analysis in order to be identified. Usually, the university library prefers not to remove the fragments from their “fragment carriers”. In order to read fragments that are only partially visible or invisible, very technology may be deployed by the Cultural Heritage & Archaeometric Research Team, SDU. Upon finding medieval manuscript fragments in the university library’s special collections, scholars at the Centre for Medieval Literature are consulted. In most cases, digital pictures of the finds will circulate in the international community of medieval scholars. Thousands of 16th and 17th century books are stored in the University Library of Southern Denmark. One out of five of these books is expected to contain medieval manuscript fragments or fragments of rare prints, e.g. incunabula.

RESULTS

The extraction of the calendar fragments made it possible to initiate further analysis, and at the same time make rare material available for historians. In the process, it soon became clear that the German astronomers Regiomontanus and Johannes von Gmunden were not the authors of the calendar in question. As documented by the remains of the calendar’s title leaf, the author is Lucas Batostius (the surnamer) of Phalsbourg. He was a follower of the works of the Renaissance philosopher, physician and astronomer, Paracelsus (Theophrastus Bombast von Hohenheim, 1493-1541). Lucas Batostius was famous for his astrological and prognostic works in the second half of the 16th Century, using the following epigrams: „Medicus & Astronomiae Studiosus Zu Pfalzburg“ & „Fürstlicher Pfalzgräflischer Medicus zu Simmern“.

IMAGES

TITLE LEAF FRAGMENT OF:
ALT VNND NEW SCHREIBKALENDER / DER PRACTICA / VNND VEREIHUNG DER FEST / AUF DAS JAHR NACH CHRISTI GEBURT / M.D. LXXXI. [1591]

Author: Lucas Batostius (c. 1541 - c. 1598), doctor and astronomer/astrologer in Pfalzburgh (Phalsbourg)
Publisher: Nicolaus Wald am Kornmark, Strasbourg (Strasbourg) 1590

The “fragment carrier”: A relatively small book, bound in parchment, containing a copy of Institutiones Iuvenis Civile by Theophrastus [et alii], Lyon 1580.
Format: 24mo

Fragments in the binding: 21 calendar fragments were fitted in the binding of the book. The fragments were part of the parchment's padding. Format: 16mo

The “Zodiac Man”: In the middle ages and early modern period, astrological signs were seen as connected with different parts of the human body. This was in accordance with the ancient belief of the microcosm connected with the macrocosm.

CONCLUSIONS

The extraction of the rare Schreibkalender fragments clearly demonstrates the great potential of finding other well preserved astronomical/astrological works inside the binding of 16th and 17th century books. In this case, the 1580 book seems to have been repaired, possibly shortly after 1590, by using the calendar pages to stiffen the perru. A bookbinder’s repair would explain why the fragments are younger than their carrier. From a historical perspective, the university library fragments may shed new light upon the details of Lucas Batostius’ calendar production (as far as we know, starting 1544 for the year 1585) at the publisher Nicolaus Wald am Kornmark in Strasbourg. The fragments may constitute the oldest known version in existence of the Schreibkalender in the 16th century. Lucas Batostius Argentinensis provided the users of his work with a practical tool for writing daily observations and/or noting events of cyclical importance. One can assume, that such calendars were published for the literate elite in society. In particular, the prognostic and medical elements of the calendar were meant to guide the reader and help them take necessary precautions throughout the year of 1591.

BIBLIOGRAPHY