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AUSTRIAN
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SCIENCES



IMAFO
INSTITUTE FOR
MEDIEVAL RESEARCH

WZMA: Background, Content, User

Maria Stieglecker

4th International Conference on Watermarks in Digital Collections

Vienna, 19 Oct. 2017

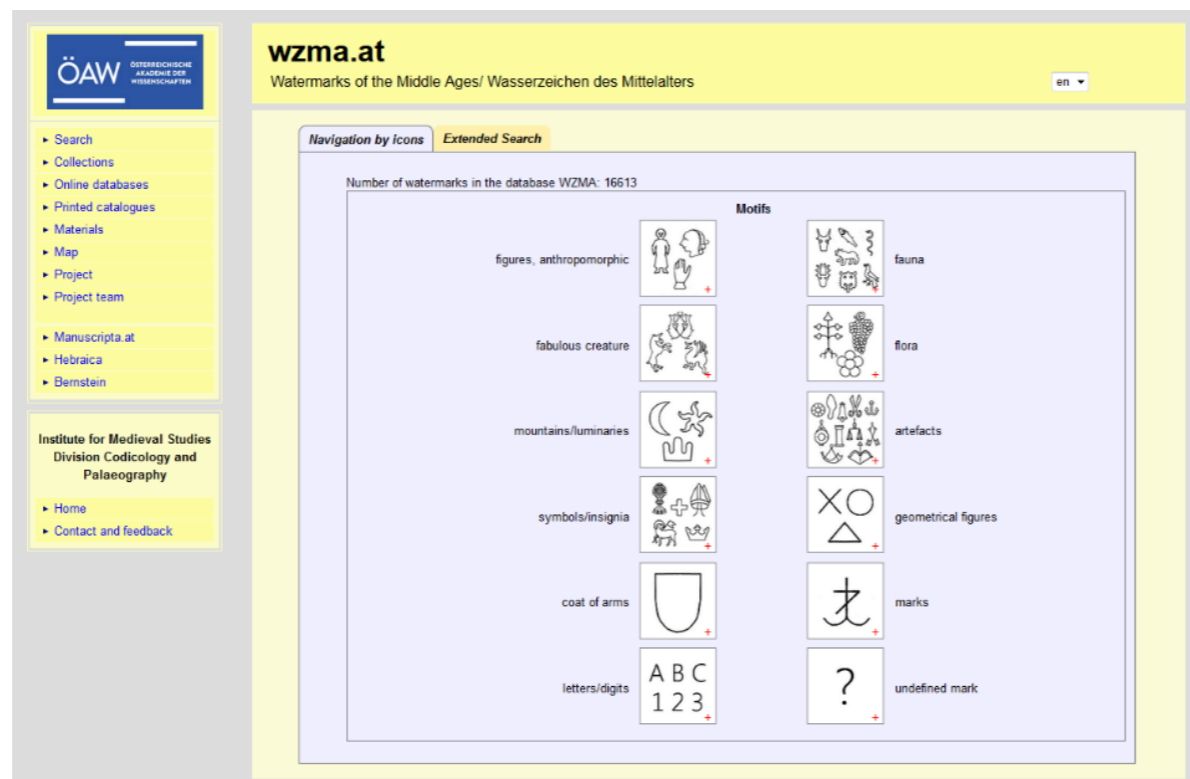
Austrian Academy of Sciences
Institute for Medieval Research
Division Paleography and Codicology

Main task: scientific classification of the estimated 25.000 medieval manuscripts stored in Austrian libraries



www.manuscripta.at

Beside: digital resources for cataloguing manuscripts



www.wzma.at

Example: Cod. 159

Distribution of different watermarks in a manuscript

For reliable dating: consider all the watermarks

Problem: leftover paper

1	1	2	3	4	5	6	7	8	9	10	11	12
	A	-	C	B	-	-	B	A	-	-	D	-
2	13	14	15	16	17	18	19	20	21	22	23	24
	-	-	C	-	-	-	B	B	A	-	B	D
3	25	26	27	28	29	30	31	32	33	34	35	36
	A	D	C	-	B	-	A	-	B	-	-	-
4	37	38	39	40	41	42	43	44	45	46	47	48
	-	-	-	-	C	C	-	-	A	B	A	B
5	49	50	51	52	53	54	55	56	57	58		
	-	-	-	F	-	E	-	E	F	E		
6	59	60	61	62	63	64	65	66	67	68	69	70
	G	-	G	-	G	-	G	-	H	-	H	-
7	71	72	73	74	75	76	77	78	79	80	81	82
	H	G	H	G	G	-	H	-	-	-	-	-
8	83	84	85	86	87	88	89	90	91	92	93	94
	H	G	H	-	E	-	H	-	F	-	-	-
9	95	96	97	98	99	100	101	102	103	104	105	106
	-	-	H	-	H	G	-	-	I	-	I	H
10	107	108	109	110	111	112	113	114	115	116	117	118
	H	-	G	H	H	I	-	-	-	-	G	-
11	119	120	121	122	123	124	125	126	127	128	129	130
	-	-	G	-	-	-	H	A	G	-	G	H
12	131	132	133	134	135	136	137	138	139	140	141	142
	G	H	G	H	G	G	-	-	-	-	-	-
13	143	144	145	146	147	148	149	150	151	152	153	154
	-	-	-	-	G	H	-	-	H	G	G	G
14	155	156	157	158	159	160	161	162	163	164	165	166
	G	G	H	H	G	H	-	-	-	-	-	-
15	167	168	169	170	171	172	173	174	175	176	177	178
	-	B	-	-	-	-	B	A	A	A	-	B
16	179	180	181	182	183	184	185	186	187	188	189	190

Wilten Monastery, Innsbruck

Cod. 32 02 05

fol. 327 und 328



Wilten Monastery

Cod. 32 03 10

University and State Library Tyrol, Innsbruck

Cod. 49

Cod. 66

Cod. 236

Cod. 228

Cod. 437

Cod. 451

Cod. 481

Cod. 522

Cod. 666

Cod. 763

Klosterneuburg Monastery

Cod. 300

Cod. 683

Michaelbeuern Monastery

Man. cart. 65

Austrian National Library, Vienna

Cod. 5319

Neustift Monastery, Brixen

Cod. 78

Cod. 177

Theol.-Phil. College Brixen

Cod. A 1



data: watermarks  data: manuscript/source

manuscripta.at

medieval manuscripts in Austria
Austrian Academy of Sciences



watermarks of a special manuscript



user: researchers on manuscripts
information about material
verifying dates
...

wzma.at

watermarks of the Middle Ages
Austrian Academy of Sciences



online repertory

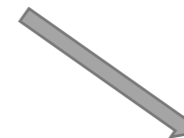
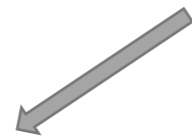


user: researchers on manuscripts
date/locate undated paper
context between sources
...

Software

WatermarkToolkit - WasserzeichenStudio

by Victor Karnaukhov (Russian Academy of Sciences)
on ideas of Alois Haidinger



WZMA

wzma.at

Austrian Academy of Sciences

WZIS

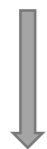
wasserzeichen-online.de

State Archive Stuttgart

Danish DB

Royal Danish Academy of Fine Arts

one and the same classification



Bernstein-Portal: memoryofpaper.eu



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Thank you!

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... don't forget to take a look at:

www.manuscripta.at

www.wzma.at