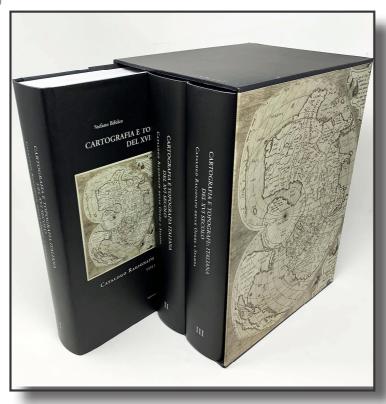
Cartografia e topografia italiana del XVI secolo. Catalogo ragionato delle opere a stampa

[Italian Cartography and Topography in the 16th century. Annotated Catalogue of Printed Works]

By Stefano Bifolco and Fabrizio Ronca, with contributions from Andrea Cantile, Annalisa D'Ascenzo, Fabio Fatichenti – Gaia Andreozzi, Clemente Marigliani, Alessandro Signoretti

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- 2561 p., ill. in colour and in black and white
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In a recent article, Stefano Bifolco announced the forthcoming publication of what can be considered his magnum opus, but I think one can safely state that nobody had expected its publication at such short notice.1 Indeed, Stefano Bifolco, together with Fabrizio Ronca, who is also the co-editor of this publication, had, only in 2014, published another major work, dedicated to the inventory of 16th -century Italian topographic maps of Italy and its regions, with detailed descriptions of some 151 maps or 328 states.² The latter was already an audacious initiative, but the catalogue under discussion surpasses it by far, comprising 1280 different maps or 2232 different states of topographical maps, city plans and views, news maps and representations of battlefields. published in Italy in the 16th century



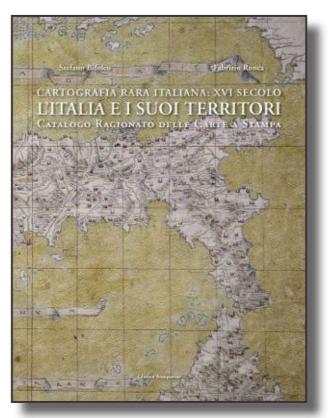
and later. In fact, the title does not completely cover the catalogue content as it also discusses maps of the 15th century which inspired later maps, and 17th- and 18th -century states of maps published in 16th -century Italy.

The catalogue is clearly the result of a titanic enterprise which has taken the editors several years and much intellectual and financial effort to achieve. Except for some very rare items, all maps and states have been studied de visu by the editors of the catalogue who visited over 60 libraries all over Europe and in the United States. The following information has been painstakingly assembled for every single map: a detailed description of the map with transcription of the map's texts; an explanation of the map's content and the history of its production and publication; a list of different states

¹ St. Bifolco, Raccolta dicarte geografiche incisa nella seconda metà del secolo XVI, posseduta dalla Biblioteca Alessandrina di Roma, in W. Bracke (ed.), IATO Atlases and Lafreri. The Roman Connection (Ricerche e Studi 29), Rome: società Geografica Italiana – Academia Belgica, 2018, pp. 107-126, 109.

² St. Bifolco and F. Ronca, Cartografia rara italiana: XVI secolo. L'Italia e I suoi territory. Catalogo Ragionato delle Carte a Stampa, Rome: Edizioni Antiquarius, 2014,

(sometimes only conjectured due to a lack of copies found); a double bibliography of a) 16th -century atlases that contain the map and b) monographies and articles on the map; a findings list of libraries ordered according to the states of the map (unfortunately without precise bibliographical references of the map's location in the atlas). For every map a picture is added and where different states have been discovered, pictures are inserted of the map's variants according to its state. Completing the catalogue: a list of about hundred 16th-century atlases that have been consulted for establishing the catalogue, ordered by country and by library, with bibliography; short biographies of the engravers, printers, editors and publishers mentioned in the catalogue, in alphabetical order; a general bibliography of works cited in the catalogue; and, finally, an index of proper names. Furthermore, the first volume contains 6 introductory essays which should cover the variety of cartographic items found in the catalogue: the Ptolemaic tradition and its updates; maps of cities and islands; measuring instruments and world maps. After a rapid and rather heterogeneous overview of medieval world maps and the location of Paradise, portolans, explorations, the origin of engraving and map printing in Florence, Rome, Venice, Naples and Siena, wall maps (with too many quotations from secondary literature in my view) by Clemente Marigliani (Lineamenti di cartografia tra Medioevo e Rinascimento: dalle mappe manoscritte a quelle a stampa [cartographic features between the Middle Ages and the Renaissance: from manuscript maps to printed ones|, 13-64), Fabio Fatichenti and Gaia Andreozzi discuss in detail the different editions of Ptolemv's Geographia (or Cosmographia as it was often referred to) with particular attention to the 1477 edition by Domenico de' Lapi in Bologna, the Roman edition by Arnold Buckinck



The publication of 2014 by S. Bifolco and F. Ronca

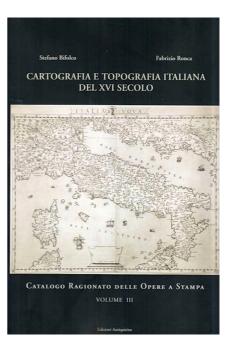
and Konrad Sweynheym of 1478, the Berlinghieri edition of 1482 in Florence, the Roman edition by Marco Beneventano and Giovanni Cotta, printed by Vernardinus de Vitablibus for Evangelista Tosino of 1507, the Venetian edition by Silvano da Eboli of 1511 and Gastdali's edition printed by Nicolo' Bascarini for Giovanni Battista Pedrezano in Venice in 1548 (Specificità, fortuna e auctoritas del canone tolemaico [Particularities, fortune and auctoritas of the Ptolemaic canon], 65-115). In his contribution on maps of cities and fortresses, Stefano Bifolco (Città e Fortezze Principali del Mondo. Le prime raccolte italiane di cartografia urbana e gli isolari del XVI secolo [Main cities and fortresses of the world. The first Italian atlases of cities and isles of the 16th century], 116-152) concentrates on the first town books printed in Italy from 1567 onwards, those published by Forlani and Zenoi, up to Pietro Bertelli's Theatrum Urbium Italicarum (1599). They account for many of the additions to Ronald V. Tooley's inventory of Italian maps, to which I will return later on. Andrea Cantile (Metodi e strumenti del rilevamento urbano

e territoriale nel Rinascimento (Methods and instruments for measuring cities and territories in the Renaissancel, 153-164) discusses geometrical treatises in Italy (15th-16th c.) and briefly describes scientific instruments such as the quadrant, the quadrato geometrico, the compass and the Tabula praetoriana. Annalisa D'Ascenzo basically updates her study of Urbano Monti, trattato universale decscrittione e sito de tutta la terra sin qui conosciuta, on which she has published a monography in 2012 (I più grandi planisferi in proiezione polare della prima età moderna (XVI-XVII secolo) [The largest world maps in polar projection of the early modern time $(16^{th}-17^{th} \text{ c.})$], 165-184) and Alessandro Signoretti (Copyright nel Rinascimento: il privilegio [Copyright in the Renaissance: the privilege], 186–194) explains the complex history of printing, in particular print making, and its privileges in Venice and in Rome, both being the most important printing cities of Italy in the 16th century.

David Woodward has without doubt delivered the most relevant







The 3-volumes publication of 2018 by S. Bifolco and F. Ronca

contributions to the history of the Italian map market in the Renaissance, but the work which is most often cited in scholarly studies on Italian maps of the 16th century is the inventory by Tooley published in Imago Mundi in 1939.³ This list of over 600 maps is far from complete and in large part based on information found in secondary literature. During his lifetime Tooley himself was continuously updating

3« Maps in Italian Atlases of the Sixteenth Century, Being a Comparative List of the Italian Maps issued by Lafreri, Forlani, Duchetti, Bertelli and Others, Found in Atlases", Imago Mundi 6 (1939), pp. 12-47. For Woodward's publications, see the bibliography in W. Bracke (ed.), IATO Atlases and Lafreri, op. cit., p. 23.

the inventory. This second, enlarged, version was never published though and until recently was even considered to be lost. Somehow Stefano Bifolco was able to trace this version, study it and use it for his own catalogue. And so, the latter respects Tooley's ordering of the maps and starts with world maps, which are followed by maps of countries and regions, to finish with urban cartography, all assembled by continent and ordered alphabetically and chronologically. As Bifolco writes himself in the preface, his catalogue could be called 'The new Tooley', and as such replace the old Tooley.

ACLASSES and Latren, op. Cit., p. 25.

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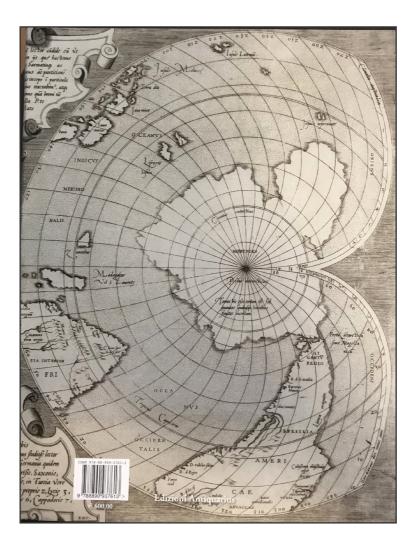
As already the numbers given in the first paragraph of this review indicate, the Catalogue is far more complete than the 1939 inventory. It is also much more coherent and precise. For every single item, the authors address the difficult question of what map is to be considered an edition and what maps are just different states of one and the same edition. The result of this questioning allows them to link maps with different imprints to a single edition and separate others that until now have been considered different states of the same edition. They also clarify relationships between various editions and editors, comparing the results of their reading of secondary literature at hand to their own findings based on their rich census. In so doing they could, more than once, on the basis of material evidence and using existing inventories of various print shops, identify maps bearing no imprint and even speculate on editions and states of which no copy has been found so far. Lastly, the authors include some 17th-century (and exceptionally even 18th-century) publishers we do not find in Tooley.

As predictably in the future references will be no longer to Tooley but rather to Bifolco-Ronca, to help readers in their research for information on a specific map (and its different states)

which in literature is until now referred to with Tooley's list number, we have drawn up a concordance between Tooley's number and Bifolco's; it can be found below.

In its careful reading of every single state of a map, in its particular attention for the extraordinary and the exceptional, in the small number of printed copies (only 350), the catalogue shows the interest of a map dealer writing for map collectors and devotees. This book is no doubt of the outmost importance to all scholars interested in maps and their production, in the Italian print business in the Renaissance, the history of cartography, and the history of collecting maps and prints, then and now. In this regard and on a personal level, I regret that hardly any indication is given of the watermarks on the maps. This would have been a great help to my own research, continuing David Woodward's fundamental study on this topic, based on watermarks and offsets, in order to better understand the Italian map business of the second half of the 16th century and the production of the socalled IATO atlases.

The catalogue is definitely worth its price. As only 350 copies have been printed, I suppose a reprint or a new edition will soon be necessary. Now that the fundamentals have been laid down, many more maps will come to light, buried in some library or cherished in some private collection. If the authors were to opt for a new edition, I would like to suggest having a closer look at the transcriptions of the Latin texts found on the maps as they need some serious amending.







Concordance Tooley – Bifolco/Ronca

| 0 | | 57 | 75 | 116 | 335 |
|----|-----|-----|----------|-----|---------|
| 1 | 14 | 58 | 72 | 117 | 339 |
| 2 | 14 | 59 | 73 | 119 | 339 |
| 3 | 12 | 60 | 76 | 120 | 494 |
| 5 | 12 | 61 | 74 | 121 | 495 |
| 6 | 13 | 62 | 75 | 123 | 498 |
| 7 | 18 | 63 | 74 | 124 | 491 |
| 8 | 18 | 64 | 165 | 125 | 493 |
| 9 | 21 | 65 | 166 | 126 | 499 |
| 11 | 22 | 66 | 167 | 128 | 333 |
| 13 | 22 | 67 | 91 | 129 | 333 |
| 14 | 25 | 70 | 92 | 130 | 334 |
| 15 | 27 | 71 | 93 | 131 | 293 |
| 16 | 22 | 73 | 84-85,94 | 132 | 294 |
| 17 | 21 | 74 | 92 | 133 | 295 |
| 18 | 15 | 75 | 97 | 134 | 295 |
| 19 | 23 | 76 | 97 | 135 | 296 |
| 20 | 24 | 76 | 98 | 136 | 297 |
| 21 | 24 | 77 | 49 | 137 | 570 |
| 22 | 26 | 78 | 50 | 138 | 506 |
| 23 | 37 | 80 | 56 | 139 | 1078bis |
| 24 | 19 | 81 | 56 | 140 | 400 |
| 25 | 228 | 82 | 52 | 142 | 280 |
| 26 | 228 | 84 | 63 | 143 | 280 |
| 27 | 228 | 85 | 63 | 144 | 281 |
| 28 | 232 | 86 | 64 | 145 | 282 |
| 29 | 229 | 87 | 65 | 146 | 282 |
| 30 | 211 | 88 | 62 | 147 | 957 |
| 31 | 213 | 89 | 61 | 148 | 961 |
| 32 | 214 | 90 | 60 | 149 | 959 |
| 33 | 216 | 91 | 60 | 150 | 515 |
| 34 | 235 | 92 | 59 | 151 | 408 |
| 35 | 236 | 93 | 57 | 152 | 404 |
| 36 | 243 | 94 | 1042 | 153 | 404 |
| 37 | 241 | 95 | 1072 | 154 | 1085 |
| 38 | 242 | 96 | 113 | 155 | 171 |
| 39 | 219 | 97 | 115 | 156 | 172 |
| 40 | 246 | 98 | 116 | 157 | 172 |
| 41 | 247 | 99 | 119 | 158 | 169 |
| 42 | 247 | 100 | 124 | 159 | 174 |
| 43 | 247 | 101 | 120 | 160 | 170 |
| 44 | 248 | 102 | 1018 | 161 | 726 |
| 45 | 19 | 103 | 1017 | 162 | 736 |
| 46 | 67 | 104 | 1019 | 163 | 730 |
| 47 | 69 | 105 | 1017 | 164 | 731 |
| 48 | 68 | 106 | 1073 | 165 | 727 |
| 49 | 75 | 107 | 1075 | 166 | 728 |
| 51 | 68 | 108 | 1076 | 167 | 735 |
| 52 | 70 | 109 | 1075 | 168 | 386 |
| 53 | 76 | 110 | 309 | 169 | 389 |
| 54 | 71 | 111 | 308 | 170 | 387 |
| 55 | 71 | 114 | 1050 | 171 | 388 |
| 56 | 71 | 115 | 335 | 172 | 714 |

| 174 | 716 | 229 | 977 | 286 | 657 |
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| 175 | 717 | 230 | 978 | 287 | 658 |
| 176 | 719 | 231 | 298 | 288 | 656 |
| 177 | 723 | 232 | 298 | 289 | 659 |
| 178 | 722 | 233 | 299 | 290 | 678 |
| 179 | 835 | 234 | 299 | 291 | 660 |
| 180 | 836 | 235 | 300 | 292 | 665 |
| 181 | 840 | 236 | 361 | 293 | 416 |
| 182 | 837 | 237 | 362 | 294 | 416 |
| 183 | 838 | 238 | 358 | 295 | 531 |
| 184 | 848 | 239 | 364 | 296 | 530 |
| 185 | 846 | 240 | 1106 | 290 | 317 |
| 186 | 845 | 2 4 0 241 | 1110 | 297 | 302 |
| | | | | 298 299 | 302 |
| 187 | 843 | 242 | 1109 | | |
| 188 | 587 | 243 | 1111 | 300 | 303 |
| 189 | 586 | 244 | 134 | 301 | 303 |
| 190 | 586 | 245 | 133 | 302 | 304 |
| 191 | 586 | 246 | 133 | 303 | 304 |
| 193 | 105 | 247 | 133 | 305 | 557 |
| 194 | 106 | 248 | 322 | 306 | 492 |
| 195 | 1008 | 249 | 329 | 307 | 503 |
| 196 | 1010 | 250 | 324 | 308 | 502 |
| 196 | 1011 | 251 | 324 | 309 | 255 |
| 197 | 273 | 252 | 325 | 310 | 254 |
| 198 | 283 | 253 | 326 | 311 | 253 |
| 199 | 283 | 254 | 327 | 313 | 87 |
| 200 | 286 | 255 | 327 | 314 | 351 |
| 201 | 285 | 256 | 330 | 315 | 274 |
| 202 | 286 | 257 | 331 | 316 | 277 |
| 203 | 288 | 258 | 331 | 317 | 277 |
| 205 | 289 | 259 | 159 | 318 | 278 |
| 206 | 1099 | 260 | 147 | 319 | 278 |
| 207 | 234 | 261 | 161 | 320 | 1043 |
| 207 | 233 | 262 | 347 | 321 | 597 |
| 208 | 370 | 263 | 344 | 322 | 598 |
| 209 | 371 | 264 | 344 | 323 | 598 |
| 210 | 371 | 265 | 345 | 324 | 598 |
| 211 | 374 | 266 | 249 | 325 | 598 |
| 212 | 375 | 267 | 250 | 326 | 908 |
| 213 | 375 | 268 | 257 | 327 | 908 |
| 214 | 369 | 269 | 260 | 328 | 911 |
| 215 | 369 | 270 | 259 | 329 | 910 |
| 216 | 373 | 271 | 261 | 330 | 910 |
| 217 | 341 | 272 | 264 | 331 | 912 |
| 218 | 290 | 273 | 265 | 333 | 915 |
| 219 | 291 | 274 | 270 | 334 | 917 |
| 219 | 292 | 275 | 268 | 335 | 917 |
| 221 | 251 | 276 | 266 | 336 | 917 |
| 222 | 251 | 278 | 649 | 337 | 914 |
| 223 224 | 976 | 278 279 | 651 | 338 | 921 |
| 224 | | | | 338 339 | |
| | 976 976 | 280 | 653 | | 202 |
| 228 | 976 | 281 | 653 | 340 | 200 |
| 226 | 979 | 282 | 654 | 341 | 200 |
| 227 | 976 | 283 | 655 | 342 | 196 |
| 228 | 976 | 284 | 652 | 343 | 197 |

| 3 | 344 | 532 | 401 | 1035 | 458 | 1044 |
|---|-----|------|-----|------|-----|------|
| | 345 | 484 | 403 | 1036 | 459 | 1048 |
| | 346 | 931 | 404 | 1037 | 460 | 1046 |
| | 347 | 931 | 405 | 1037 | 461 | 523 |
| 3 | 348 | 931 | 406 | 1039 | 462 | 526 |
| 3 | 349 | 933 | 407 | 1039 | 463 | 769 |
| 3 | 350 | 934 | 408 | 1152 | 464 | 769 |
| 3 | 351 | 933 | 409 | 1151 | 465 | 768 |
| 3 | 352 | 935 | 410 | 1156 | 466 | 770 |
| 3 | 353 | 936 | 412 | 1158 | 467 | 773 |
| 3 | 354 | 937 | 413 | 1157 | 468 | 419 |
| 3 | 355 | 474 | 414 | 824 | 469 | 419 |
| 3 | 356 | 476 | 415 | 827 | 472 | 1228 |
| 3 | 357 | 478 | 416 | 832 | 474 | 1021 |
| 3 | 358 | 879 | 417 | 1160 | 475 | 1021 |
| 3 | 359 | 867 | 418 | 1160 | 476 | 1021 |
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| 3 | 365 | 894 | 425 | 1163 | 482 | 1027 |
| 3 | 366 | 885 | 426 | 1029 | 483 | 1027 |
| 3 | 367 | 891 | 427 | 509 | 484 | 1222 |
| 3 | 368 | 864 | 428 | 509 | 485 | 1206 |
| 3 | 371 | 862 | 429 | 969 | 486 | 1224 |
| 3 | 372 | 900 | 430 | 969 | 487 | 1229 |
| 3 | 373 | 863 | 431 | 1168 | 488 | 1232 |
| 3 | 374 | 875 | 432 | 1168 | 489 | 1220 |
| 3 | 375 | 880 | 433 | 185 | 491 | 1226 |
| 3 | 376 | 882 | 434 | 186 | 492 | 1233 |
| 3 | 377 | 876 | 435 | 187 | 493 | 1224 |
| 3 | 379 | 872 | 436 | 190 | 494 | 1213 |
| | 380 | 873 | 437 | 192 | 495 | 1216 |
| 3 | 381 | 870 | 438 | 193 | 496 | 1236 |
| | 381 | 870 | 439 | 189 | 497 | 1237 |
| | 382 | 877 | 440 | 207 | 498 | 512 |
| | 383 | 884 | 441 | 430 | 499 | 511 |
| | 384 | 892 | 441 | | 500 | 511 |
| | 385 | 878 | 442 | 431 | 501 | 513 |
| | 386 | 898 | 443 | 1172 | 503 | 108 |
| | 387 | 890 | 444 | 1176 | 505 | 107 |
| | 388 | 1125 | 445 | 437 | 506 | 445 |
| | 389 | 940 | 446 | 950 | 509 | 1066 |
| | 390 | 1139 | 447 | 946 | 510 | 1067 |
| | 391 | 479 | 448 | 948 | 511 | 1068 |
| | 392 | 481 | 449 | 949 | 512 | 1069 |
| | 393 | 482 | 450 | 949 | 513 | 955 |
| | 394 | 1146 | 451 | 951 | 514 | 1053 |
| | 395 | 1145 | 452 | 444 | 515 | 1056 |
| | 396 | 1148 | 453 | 507 | 516 | 1054 |
| | 397 | 1147 | 454 | 508 | 517 | 1054 |
| | 398 | 668 | 455 | 508 | 518 | 1057 |
| | 399 | 668 | 456 | 471 | 519 | 1055 |
| 2 | 400 | 670 | 457 | 1044 | 520 | 1055 |
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| 521 | 1058 | 568 | 996 |
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| 522 | 1002 | 569 | 991 |
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| 524 | 1192 | 572 | 994 |
| 525 | 618 | 573 | 991 |
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| 527 | 456 | 577 | 998 |
| 528 | 458 | 577 | 995 |
| 529 | 461 | 577 | 997 |
| 530 | 460 | 578 | 990 |
| 531 | 468 | 579 | 130 |
| 532 | 463 | 580 | 1262 |
| 533 | 467 | 581 | 1262 |
| 534 | 354 | 582 | 1262 |
| 535 | 355 | 583 | 1262 |
| 536 | 356 | 584 | 1269 |
| 537 | 355 | 585 | 1269 |
| 538 | 356 | 591 | 942 |
| 539 | 357 | 587 | 942 |
| 540 | 541 | 588 | 942 |
| 541 | 542 | 589 | 943 |
| 542 | 543 | 590 | 917 |
| 544 | 540 | 592 | 918 |
| 545 | 540 | 593 | 967 |
| 546 | 545 | 594 | 1202 |
| 547 | 86 | 595 | 1203 |
| 548 | 449 | 596 | 559 |
| 549 | 447 | 597 | 558 |
| 550 | 552 | 598 | 1205 |
| 551 | 554 | 600 | 636 |
| 552 | 490 | 601 | 637 |
| 553 | 490 | 602 | 252 |
| 554 | 139 | 604 | 412 |
| 555 | 142 | 605 | 794 |
| 556 | 143 | 606 | 795 |
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| 558 | 146 | 608 | 814 |
| 559 | 146 | 609 | 546 |
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