

BENINCASA

Tables accompanying the online note:
**'The style and content of Grazioso Benincasa's charts:
imitation, innovation and repetition'**

<http://www.maphistory.info/benincasa.html>

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For *references* see the Benincasa webpage: <http://www.maphistory.info/benincasa.html#refs>

TABLE 1: BRITISH ISLES AND THE BALTIC

	Author	Date	Place	Institution	Call number	TC no.	Pujades			British Isles						Lac. Fort	Bal-tic	Commentary and other reproductions
							A/C	no.	sheets	A	B	C	D	E	F			
1	Benincasa, G.	1461	Florence	Arch. di Stato	C.N.5	067	C	62	C	✓	✓	x	x	✓	x	367?	x	
2	Benincasa, G.	1461	Florence	Arch. di Stato	C.N.6	068	C	63	C	✓	✓	✓	?	✓	x	?	x	signature does not show on Pujades scan
3	Benincasa, G.	1463	London	British Library	Add MS 18454	045	A	33	A5	✓	✓	✓	✓	✓	✓	367	x	
4	Benincasa, G.	1463	London	Royal Army Medical Corps [stolen]		056	--	--	A4								x	
5	Benincasa, G.	1465	Vicenza	Bib.Civica Bertoliana	598b	123	A	34	A5	✓	✓	✓	x	✓	✓	367	x	
6	Benincasa, G.	1466	Paris	BnF Cartes et Plans	DD 2779	027	A	35	A5	--	--	--	--	--	--	--	x	<i>omits B.I. headings</i> ; http://visualiseur.bnf.fr/CadresFenetre?O=IFN-5901109&l=1&M=chemindefer
7	Benincasa, G.	1467	Paris	BnF Cartes et Plans	DD 1988	026	A	36	A5	✓	✓	✓	x	✓	✓	367	x	Sh.5 (E.Med & BS) not on Puj. DVD. Kamal 5:1:1497; La Roncière 18-19; http://catalogue.bnf.fr/servelet/biblio?ID=40670287&idNoeud=1.1.2&SN1=0&SN2=0&host=catalogue
8	Benincasa, G.	1467	Paris	BnF [ex Lesouef & Nogent-sur-Marne]	DD 6269	009	A	37	A5	✓	✓	✓	x	✓	✓	367	x	Nordenskiöld <i>Periplus</i> Pl. 33, 40
9	Benincasa, G.	1467	London	British Library	Add MS 11547	044	A	38	A5	✓	✓	✓	x	✓	✓	367	x	
10	Benincasa, G.	1468	London	British Library	Add MS 6390	043	A	39	A6	✓	x	✓	x	✓	✓	short	x	inscr.
11	Benincasa, G.	1468	Palma de Mallorca	Fund B M Servera		129	C	69	C (<i>Atl. & Spain</i>)	✓	✓	✓	✓	✓	✓		--	
12	Benincasa, G.	1468	(London)	(Christie's, 2014 & 2018)		179	--	--	A7	✓	?	✓	x	✓	✓	367	x	Atlantic coasts only, with 3 sheets for West Africa
13	Benincasa, G.	1469	London	British Library	Add MS 31315	050	A	40	A6	✓	x	✓	x	✓	✓	367	x	
14	Benincasa, G.	1469	Milan	Bib. Ambrosiana	SP2, 35 [SP II.6]	086	A	41	A6	✓	x	✓	x	✓	✓	367	x	
15	Benincasa, G.	1470	London	British Library	Add MS 31318A	051	--	--	C	✓	✓	✓	x	✓	✓	367	x	BL ; Cortesão (1954) pl. XIII (s.w. detail); DNA p.40; Emiliani XIV

16	Benincasa, G.	1471	Vatican	Biblioteca	Vat.Lat. 9016	159	--	--	A6	✓	x	✓	x	✓	✓	367?	x	Almagià <i>MCV</i> pl. 17-18; <i>Manoscritti cartografici</i> pl.V (W.Afr); Emiliani XV; https://digi.vatlib.it/view/MSS_Vat.lat.9016
17	Benincasa, G.	1472	Venice	Civico Museo (Correr)	Port. 5	118	--	--	C (Adriatic)	--	--	--	--	--	--	--	--	
18	Benincasa, G.	1472	(Milan)	(Luigi Bossi)		172	--	--	A8									
19	Benincasa, G.	1473	London	British Library	Egerton MS 2855	054	--	--	A6	✓	✓	✓	x	✓	✓	367	x	Emiliani XVII
20	Benincasa, G.	1473	Bologna	Bib. Univ.	MS 280	060	--	--	A6	✓	✓	✓	x	✓	✓	367	x	Frabetti pl.III (NW Eur); Emiliani XVI
21	Benincasa, G.	1474	Budapest	Nat. Széchényi Lib.	Fol. Ital. 8	058	--	--	A6	--	--	--	--	--	--	--	x	<i>omits B.I. headings</i> ; Emiliani XVIII; NW Afr. scan (Sh.5): http://www.oszk.hu/siteeszkoz/kepek/kincsek/cimeliak/kezirato/nagy/01_40.jpg
21a	Benincasa, G.	1474	Kiev	National Lib. Ukraine	??	E27	--	--	A6	✓	x	✓	✓	✓	✓	367	x	Kordt (1899); rediscovered May 2015
22	Benincasa, G.	1480	Vienna	Öst Nat.Bib.	MS 355	003	--	--	A6								x	Emiliani XIX
23	Benincasa, G.	1482	Bologna	Bib. Univ.	Rot.3	061	--	--	C	✓	?	✓	x	x	?	367	✓	Frabetti no.4, pl.IV; Emiliani XX; http://www.imaginarymuseum.org/MHV/PZImhv/HistCartoV1.0169.04.jpg
24	ATTRIBUTED TO BENINCASA OR HIS WORKSHOP																	
25		--	Florence	Arch. di Stato	C.N.9	071	--	--	C	✓	x	✓	x	✓	✓	367	✓	Cortesão (1954) pl. XIV (west section); Caraci (1954) 285-8; Cortesão (1971) 2: 190 - 'c.1482'
26		--	Paris	BnF Cartes et Plans	D 21815	024	C	74	C (part)	--	--	--	--	--	--	--	--	Vagnon (2005) p.19
27		--	Vicenza	Bib.Civica Bertoliana	ms.524= (G.8.9.32; Gonz 24.9.42)	124	C	75	C (lacking west)	--	--	--	--	--	--	--	--	
28	SUCCESSORS																	
29	Benincasa, Andrea	1476	Geneva	Bib.Pub.et Univ.	MS Lat.81	130	--	--	A5	✓	x	x	x	✓	✓	367	x	Cortesão (1954) pl.XV; Emiliani XXVI
30	Benincasa, Andrea	1490	Ancona	Sopr. delle Marche	Cat.1, Inv.15	059	--	--	C (part)	✓	x	x	x	✓	✓	367	(✓)	Triangular strip, including Atlantic coasts, northern edge and signature; Emiliani pp.24-5
31	Freducci, Conte di O	1497	Wolfenbüttel	Herzog August Bib.	Cod. Guelf 99	039	--	--	C	x	x	x	?	x	x	367	✓	Nordenskiöld <i>Periplus</i> tab.XXII (ex Santarem)
32	Benincasa, Andrea	1508	Vatican		Borgiano VIII	--	--	--	C	✓	x	x	x	--	✓	367	✓	https://digi.vatlib.it/view/MSS_Borg.Carte.naut.VIII ; Astengo V1; Pfloderer 201; Lorente ; Almagià <i>MCV</i> tav.XX; <i>Manoscritti cartografici</i> pl.8
33	Freducci, Conte di O	1537	New York	Hispanic Soc.	K14	--	--	--	A5	x	x	x	x	x	x	372		Astengo USNY6; Pfloderer 189; Sider fig.8; Stevenson (1915)
34	Freducci, Conte di O	1538	Vatican	Bib. Apostica Vaticana	Borgiano XIII	--	--	--	A5	x	x	x	x	x	x	367	x	https://digi.vatlib.it/view/MSS_Borg.Carte.naut.XIII ; Astengo V3; Pfloderer 202; Almagià <i>MCV</i> tav.XXXI
35	IMITATORS ?																	
36	--	--	Bologna	Bib Com/Archiginnasio	Cod.No.1	A19	--	--	C									<i>Unlocatable</i> . Cortesão (1971) 2: 191 (not in Benincasa's hand)
37	--	--	Istanbul	Topkapi Sarayi	Deissmann 47	137	--	--	A10/A12									Emiliani XXI & XXVII, pp.502-3; Destombes (1955) p.30
38	--	--	London	British Library	Add MS 31316	A12	--	--	A11									Pfloderer 'BL' pp.92-7. 16th c; Emiliani XXIV
39	--	--	Milan	Bib. Trivulziana	Cod.no.2295	091	--	--	A5								x	Cortesão (1971) 2: 191 (not Benincasa's hand); after <i>c.rosso</i> coast bends to SE.; Emiliani XXIII
40	--	--	Paris	BnF Manuscripts	MS. Ital. 1698	029	--	--	A8	x	x	x	x	x	x	367	x	Cortesão (1971) 2: 192; Vagnon (2005) p.19, different hand to Ital.1710
41	--	--	Paris	BnF Manuscripts	MS. Ital. 1710	031	--	--	A6	x	x	x	x	x	x	x	x	Cortesão (1971) 2: 191-2 (not Benincasa's hand); Vagnon (2005) p.19, fig.4
42	--	--	Parma	Arch.di Stato Bib.Pal.	II,29,1621	101	A	42	A4	x	x	x	x	x	x	x	x	Frabetti 8; Pujades "Venetian c.1450-75"
43	--	--	Rotterdam	Maritime Museum, Engelbrecht Collection	Atlas 66	E 6	--	--	A8	x	x	x	x	x	x	367	✓	Lacus Fortunatus ends 'insulle beate'
44	--	--	Rovigo	Bib. Accad. dei Concord.	Concord. 486	108	--	--	A3	✓?	?	?	?	✓?	?	308?	x	Kupčik (2004) fig. 14-16
45	--	--	Turin	Biblioteca Reale	Ms.O.XVI.5	E 4	--	--	C	x	x	x	x	x	x	367	x	Astengo (1990)
46	--	--	Vatican		Borgiana V	153	--	--	C (+Cas-pian)	x	x	x	x	x	x	x	✓	https://digi.vatlib.it/view/MSS_Borg.Carte.naut.V ; Almagià <i>MCV</i> 1:32-41; Destombes <i>Mappemondes</i> pp.226-7; Falchetta (1995) p.58; Astengo (2007) p. 259 [V15bis] says 16th c.
47		--	London	British Library	Egerton MS 73,	--	Cor	9	C (ex W.	--	--	--	--	--	--	--	--	'Cornaro Atlas'; Emiliani (p.504) ascribes 'charts 5,

					ff.6-7				<i>Med</i>									6, 7, 21 to Benincasa; Cortesão (1971) 2: 191
48		--	London	British Library	Egerton MS 73, ff. 20-2	--	Cor 10		<i>C (E. Med. only)</i>	--	--	--	--	--	--	--	--	'Cornaro Atlas'

THE COLUMNS EXPLAINED (Table 1)

Notation:

✓ present

x absent

-- area or feature not covered

when no reproduction was available the boxes are left empty

First column. This enables the table to be re-sorted into the original logical sequence. NB the numbers have *no other significance*

TC no. References to the author's 'Census of Pre-Sixteenth-Century Portolan Charts' (*Imago Mundi: the International Journal for the History of Cartography* 38 (1986) pp. 67-94 ['E' refers to the "Additional ('E') entries to the 'Census of pre-sixteenth-century portolan charts' " - <http://www.maphistory.info/portolanextra.html>]

A/C. The prefixes used in Pujades (2007), i.e. A[tlas], C[hart] and Cor[naro]

no. The Pujades number.

British Isles (A-F)

The headings, and the 'Lacus Fortunatus' inscription in Ireland, are in the style of the 1403 Francesco Beccari chart (continued by Battista Beccari); however the peculiarities below appear to be Benincasa's own, and unique to him - as suggested by Cortesão, 1971, 2:190. On his 1482 chart (if not before) Benincasa added similar headings for other provinces. For discussion of these points see: <http://www.maphistory.info/benincasa.html>

For illustrations of the following features see the British Library's 1473 atlas -

<http://www.bl.uk/onlinegallery/onlineex/unvbrit/n/001ege000002855u00007vrb.html> - which requires Flash - or a medium quality image here:

<http://www.maphistory.info/PortolanScans.html#BIheadings>

INgliterra:

A. IN [capital N]

B. IN [two bars across the N, written as upside down U]

C. INgl [squiggle going up and to the right of the 'l']

D. *Scocia* [diagonal line going up from the top end of the S]

E. *IRlanda* [capital R]

F. Large dot before and after each British Isles heading

Lacus fortunatus inscription (367 or 368 islands)

cf Pujades's anon Venetian A 31 (Vat.Lat.9015) [Census 158] which has 'ye fortunate insule sante ccclxviii beate'. Likewise his A 30 Parma (II,32,1624) [Census 103]

Baltic - Noting if it is included. See also: <http://www.maphistory.info/benincasa.html#baltic>

TABLE 2: WEST AFRICA AND THE CAPE VERDE ISLANDS

	Author	Date	Place	Institution	Call number	TC no.	Pujades			1/2/3 successive West Africa sheets			Cape Verde Is.	Commentary and other reproductions	
							A/C	no.	sheets	West Africa coast	Portugal: first name	Last name on 1st sh.			First name on 2nd sh.
1	Benincasa, G.	1461	Florence	Arch. di Stato	C.N.5	067	C	62	C	1	--	--	--	x	
2	Benincasa, G.	1461c	Florence	Arch. di Stato	C.N.6	068	C	63	C	1	--	--	--	x	
3	Benincasa, G.	1463	London	British Library	Add MS 18454	045	A	33	A5	1	[north coast]	--	--	x	
4	Benincasa, G.	1463	London	Royal Army Medical Corps [stolen]		056	--	--	A4					x	
5	Benincasa, G.	1465	Vicenza	Bib. Civica Bertoliana	598b	123	A	34	A5	4	cascaia [Lisbon - 2]	--	--	x	
6	Benincasa, G.	1466	Paris	BnF Cartes et Plans	DD 2779	027	A	35	A5	4	petronella [Lisbon - 6]	--	--	x	http://visualiseur.bnf.fr/CadresFenetre?O=IFN-5901109&I=1&M=chemindefer
7	Benincasa, G.	1467	Paris	BnF Cartes et Plans	DD 1988	026	A	36	A5	4	petronella [Lisbon - 6]	--	--	x	Kamal 5:1:1497; La Roncière 18-19; http://catalogue.bnf.fr/servlet/biblio?ID=40670287&idNoeud=1.1.2&SN1=0&SN2=0&host=catalogue
8	Benincasa, G.	1467	Paris	BnF [ex Lesouef & Nogent-sur-Marne]	DD 6269	009	A	37	A5	4	mond'go [Lisbon - 7]	--	--	x	Nordenskiöld <i>Periplus</i> Pl. 33, 40
9	Benincasa, G.	1467	London	British Library	Add MS 11547	044	A	38	A5	4	petronella [Lisbon - 6]	--	--	x	
10	Benincasa, G.	1468	London	British Library	Add MS 6390	043	A	39	A6	10	pontaneda [Lisbon - 20]	erigini [bianco +2]	cauo bianco	8 names	
11	Benincasa, G.	1468	Palma de Mallorca	Fund B M Servera		129	C	69	C (<i>Atl. & Spain</i>)	2	--	--	--	x	
12	Benincasa, G.	1468	(London)	(Christie's, 2014 & 2018)		179	--	--	A7	6	himissin - ya de giarre	c.bianco - fallolu	fallolu - cauo sca ana	✓	different arrangement: West Africa on three not two sheets, as indicated
13	Benincasa, G.	1469	London	British Library	Add MS 31315	050	A	40	A6	11	[cintas- Lisbon -2]	c.de s.anna [biancho +12]	tostia [s.anna - 2]	✓	
14	Benincasa, G.	1469	Milan	Bib. Ambrosiana	SP2, 35 [SP II.6]	086	A	41	A6	7	petronella [Lisbon - 6]	c.san jacomo [biancho +8]		✓	
15	Benincasa, G.	1470	London	British Library	Add MS 31318A	051	--	--	C	1	--	--	--	x	BL : Cortesão (1954) pl. XIII (s.w. detail); DNA p.40; Emiliani XIV
16	Benincasa, G.	1471	Vatican	Biblioteca	Vat.Lat. 9016	159	--	--	A6	7	mond'go [Lisbon - 7]	isola de guarses [biancho +6]	erigini	✓	https://digi.vatlib.it/view/MSS_Vat.lat.9016 ; Almagià <i>MCV</i> pl. 17-18; <i>Manoscritti cartografici</i> pl.V (W.Afr); Emiliani XV
17	Benincasa, G.	1472	Venice	Civico Museo (Correr)	Port. 5	118	--	--	C (<i>Adriatic</i>)	--	--	--	--	--	
18	Benincasa, G.	1472	(Milan)	(Luigi Bossi)		172	--	--	A8	7					
19	Benincasa, G.	1473	London	British Library	Egerton MS 2855	054	--	--	A6	7	mondego [Lisbon - 7]	isola de tradi [erigini +5]	c.bianco	✓	Emiliani XVII
20	Benincasa, G.	1473	Bologna	Bib. Univ.	MS 280	060	--	--	A6	7		fegedit [biancho +11]		✓	Frabetti pl.III (NW Eur); Emiliani XVI
21	Benincasa, G.	1474	Budapest	Nat. Széchényi Lib.	Fol. Ital. 8	058	--	--	A6	10	?	?	?	✓	Emiliani XVIII; NW Afr. scan (Sh.5): http://www.oszk.hu/sites/koz/kepek/kincsek/cimeliak/kezirato/nagy/01_40.jpg
21a	Benincasa, G.	1474	Kiev	National Lib. Ukraine	??	E.27	--	--	A6	7	ragina [Lisbon -4]	fegedit [bianco +13]			Kordt (1899); rediscovered May 2015
22	Benincasa, G.	1480	Vienna	Öst Nat.Bib.	MS 355	003	--	--	A6	9				✓	Emiliani XIX
23	Benincasa, G.	1482	Bologna	Bib. Univ.	Rot.3	061	--	--	C	1	--	--	--	x	Frabetti no.4, pl.IV; Emiliani XX; http://www.imaginarymuseum.org/MHV/PZImhv/HistCartoV1.0169.04.jpg
24	ATTRIBUTED TO BENINCASA OR HIS WORKSHOP														
25		--	Florence	Arch. di Stato	C.N.9	071	--	--	C	--				--	Cortesão (1954) pl. XIV (west section);

THE COLUMNS EXPLAINED (Table 2)

Notation:

- ✓ present
- x absent
- area or feature not covered

when no reproduction was available the boxes are left empty

First column. This enables the table to be resorted into the original logical sequence. NB the numbers have *no other significance*

TC no. References to the author's 'Census of Pre-Sixteenth-Century Portolan Charts' (*Imago Mundi: the International Journal for the History of Cartography* 38 (1986) pp. 67-94 ['E' refers to the "Additional ('E') entries to the 'Census of pre-sixteenth-century portolan charts' " - <http://www.maphistory.info/portolanextra.html>]

A/C. The prefixes used in Pujades (2007), i.e. A[tlas], C[hart] and Cor[naro]

no. The Pujades number.

West Africa

(on which see Cortesão, 1971, 2:193, and 'Chapter' p.412)

For the claim that Roselli had access to the new Portuguese names before Benincasa see: <http://www.maphistory.info/benincasa.html#africa>

Final coastal name:

1. buçedor [Bojador] - 26N
2. angra dos cavallos - 24N [1339 Dulceti to here?]
3. c.verde - 15N [already on 1448 Bianco]
4. c.rosso - 12N [already on 1448 Bianco]
5. rio de bancho- [Benincasa 1468]
6. sca ana - [Benincasa 1468]
7. rio de palmeri - 7.5N [Benincasa 1468]
8. rio de fuia - [Benincasa 1468]
9. c. de monte - [Benincasa 1468]
10. c. mesurado - 6N - [Benincasa 1468]
11. santa maria - 6N [Benincasa 1468]

"1st Portugal name; Last name on 1st sheet; 1st name on 2nd sheet"

To indicate the way that the three sheets covering west Africa were divided

Cape Verde Islands. Indicating if present, and if less than the full group

On this see also: <http://www.maphistory.info/benincasa.html#cape>

TABLE 3: CORNER SCALES, ILLUMINATED INITIAL 'G' AND BORDERS

	Author	Date	Place	Institution	Call number	TC no.	Pujades			Diagonal corner scales		Signature			Borders		Commentary and other reproduction	
							A/C	no.	sheets	No. of divs	regular/alternate	description	lines	sh. no.	area	outer		scales
1	Benincasa, G.	1461	Florence	Arch. di Stato	C.N.5	067	C	62	C	--	--	plain	1	--	neck	--	--	
2	Benincasa, G.	1461c	Florence	Arch. di Stato	C.N.6	068	C	63	C	--	--	??	??	--	??	--	--	signature does not show on Pujades scan
3	Benincasa, G.	1463	London	British Library	Add MS 18454	045	A	33	A5	6	erratic	large G + vert. lines	2	4	Cen. Med.	3	3 (red)	
4	Benincasa, G.	1463	London	Royal Army Medical Corps [stolen]		056	--	--	A4					2	West Med			
5	Benincasa, G.	1465	Vicenza	Bib.Civica Bertoliana	598b	123	A	34	A5	6	erratic	boxed-in G + long tail	2	4	Cen. Med.	3	3	
6	Benincasa, G.	1466	Paris	BnF Cartes et Plans	DD 2779	027	A	35	A5	6	erratic	as 1465	2	4	Cen. Med.	3	4 (red)	http://visualiseur.bnf.fr/CadresFenetre?O=IFN-5901109&I=1&M=chemindefer
7	Benincasa, G.	1467	Paris	BnF Cartes et Plans	DD 1988	026	A	36	A5	4+2	erratic	as 1465	2	4	Cen. Med.	3	4	Kamal 5:1:1497; La Roncière 18-19; http://catalogue.bnf.fr/servlet/biblio?ID=40670287&idNoeud=1.1.2&SN1=0&SN2=0&host=catalogue
8	Benincasa, G.	1467	Paris	BnF [ex Lesouef & Nogent-sur-Marne]	DD 6269	009	A	37	A5	5+2	erratic	as 1465	2	3	West Med	4	4	Nordenskiöld <i>Periplus</i> Pl. 33, 40
9	Benincasa, G.	1467	London	British Library	Add MS 11547	044	A	38	A5	4+2	erratic	as 1465	2	4	Cen. Med.	3	4	
10	Benincasa, G.	1468	London	British Library	Add MS 6390	043	A	39	A6	5	regular	as 1465	3	4	Cen. Med.	4	4	
11	Benincasa, G.	1468	Palma de Mallorca	Fund B M Servera		129	C	69	C (Atl. & Spain)	--	--	plain	1	--	neck	--	--	
12	Benincasa, G.	1468	(London)	(Christie's, 2014 & 2018)		179	--	--	A7	3	regular	as 1465	2	5	Fr-Iberia	4	4	larger scale so fewer scale divisions
13	Benincasa, G.	1469	London	British Library	Add MS 31315	050	A	40	A6	5+	regular	as 1465	3	2	Cen. Med.	4	4	
14	Benincasa, G.	1469	Milan	Bib. Ambrosiana	SP2, 35 [SP II.6]	086	A	41	A6	5	regular	as 1465	2	3	Cen. Med.	4	4	
15	Benincasa, G.	1470	London	British Library	Add MS 31318A	051	--	--	C	--	--	plain	1	--	neck	--	--	BL ; Cortesão (1954) pl. XIII (s.w. detail); DNA p.40; Emiliani XIV
16	Benincasa, G.	1471	Vatican	Biblioteca	Vat.Lat. 9016	159	--	--	A6	5	regular	large G + short tail	2	2	Cen. Med.	4	4	https://digi.vatlib.it/view/MSS_Vat.lat.9016 ; Almagià <i>MCV</i> pl. 17-18; <i>Manoscritti cartografici</i> pl.V (W.Afr); Emiliani XV
17	Benincasa, G.	1472	Venice	Civico Museo (Correr)	Port. 5	118	--	--	C (Adriatic)	--	--	plain	1	--	neck	--	--	
18	Benincasa, G.	1472	(Milan)	(Luigi Bossi)		172	--	--	A8									
19	Benincasa, G.	1473	London	British Library	Egerton MS 2855	054	--	--	A6	5	regular	G framed by vert. cols + long tail	2	2	Cen. Med.	4	4	Emiliani XVII
20	Benincasa, G.	1473	Bologna	Bib. Univ.	MS 280	060	--	--	A6	5	regular			3	Cen. Med.	4		many flags; Frabetti pl.III (NW Eur); Emiliani XVI; http://butronmaker.blogspot.com/2008/02/siglos-xiv-y-xv.html (W.Med.)
21	Benincasa, G.	1474	Budapest	Nat. Széchényi Lib.	Fol. Ital. 8	058	--	--	A6	5+	regular	2-line G, no tail	2	2	Cen. Med.	?	?	Emiliani XVIII; NW Afr. scan (Sh.5): http://www.oszk.hu/siteeszkoz/kepek/kincsek/cimeliak/kezirato/nagy/01_40.jpg
21a	Benincasa, G.	1474	Kiev	National Lib. Ukraine	??	E.27	--	--	A6	5	regular	2-line G, no tail	2	2	Cen. Med.	3	4	Kordt (1899); rediscovered May 2015
22	Benincasa, G.	1480	Vienna	Öst Nat.Bib.	MS 355	003	--	--	A6					2	?Cen.Med			Emiliani XIX

23	Benincasa, G.	1482	Bologna	Bib. Univ.	Rot.3	061	--	--	C	--	--	plain	1	--	neck	--	--	flags & ornamentation; Frabetti no.4, pl.IV; Emiliani XX; http://www.imaginarymuseum.org/MHV/PZImhv/HistCartoV1.0169.04.jpg
24	ATTRIBUTED TO BENINCASA OR HIS WORKSHOP																	
25		--	Florence	Arch. di Stato	C.N.9	071	--	--	C	--	--	--	--	--	--	--	--	flags & ornamentation; Cortesão (1954) pl. XIV (west section); Caraci (1954) 285-8; Cortesão (1971) 2: 190 'c.1482'
26		--	Paris	BnF Cartes et Plans	D 21815	024	C	74	C (part)	--	--							Vagnon (2005) p.19
27		--	Vicenza	Bib.Civica Bertoliana	ms.524= (G.8.9.32; :Gonz 24.9.42)	124	C	75	C (lacking west)	--	--							
28	SUCCESSORS																	
29	Benincasa, Andrea	1476	Geneva	Bib.Pub.et Univ.	MS Lat.81	130	--	--	A5	5/6	alternate	plain	1		sea		3	flags & decoration; Cortesão (1954) pl.XV; Emiliani XXVI; http://butronmaker.blogspot.com/2008/02/siglos-xiv-y-xv.html (W.Med)
30	Benincasa, Andrea	1490	Ancona	Sopr. delle Marche	Cat.1, Inv.15	059	--	--	C (part)	--	--	plain	1	--	neck	--	--	Triangular strip, incl. Atl. coasts, N. edge + signature; Emiliani pp.24-5
31	Freducci, Conte di O	1497	Wolfenbüttel	Herzog August Bib.	Cod. Guelf 99	039	--	--	C	--	--	plain	1	--	neck	--	--	Nordenskiöld <i>Periplus</i> tab.XXII (ex Santarem)
32	Benincasa, Andrea	1508	Vatican		Borgiano VIII	--	--	--	C	--	--	plain	1	--	neck	--	--	flags & decoration; Astengo V1; https://digi.vatlib.it/view/MSS_Borg.VIII ; Pflederer 201; Lorente ; Almagià tav.XX; <i>Manoscritti cartografici</i> pl.8
33	Freducci, Conte di O	1537	New York	Hispanic Soc.	K14	--	--	--	A5	5	alternate	plain	1	4	Cen. Med.	3	4 (red)	Astengo USNY6; Pflederer 189; Sider fig.8; Stevenson 1915
34	Freducci, Conte di O	1538	Vatican	Bib. Apostica Vaticana	Borgiano XIII	--	--	--	A5	5	alternate		2	1	Cen. Med.		5 (red)	https://digi.vatlib.it/view/MSS_Borg.Carte.naut.XIII ; Astengo V3; Pflederer 202; Almagià <i>MCV</i> tav.XXXI
35	IMITATORS ?																	
36	--	--	Bologna	Bib Com/Archiginnasio	Cod.No.1	A19	--	--	C	--	--	--	--	--	--	--	--	<i>Unlocatable</i> . Cortesão (1971) 2: 191 (not in Benincasa's hand)
37	--	--	Istanbul	Topkapi Sarayi	Deissmann 47	137	--	--	A10/A12			--	--	--	--	--	--	Emiliani XXI & XXVII, pp.502-3; Destombes (1955) p.30
38	--	--	London	British Library	Add MS 31316	A12	--	--	A11			--	--	--	--	--	--	Pflederer 'BL' pp.92-7. 16th c; Emiliani XXIV
39	--	--	Milan	Bib. Trivulziana	Cod.no.2295	091	--	--	A5	✓		--	--	--	--	--	--	Cortesão (1971) 2: 191 (not Benincasa's hand); after <i>c.rosso</i> coast bends to SE.; Emiliani XXIII
40	--	--	Paris	BnF Manuscrits	MS. Ital. 1698	029	--	--	A8	6+2	alternate	--	--	--	--	4	3	Cortesão (1971) 2: 192; Vagnon (2005) p.19, different hand to Ital.1710
41	--	--	Paris	BnF Manuscrits	MS. Ital. 1710	031	--	--	A6	6	alternate	--	--	--	--	4	4	Cortesão (1971) 2: 191-2 (not Benincasa's hand); Vagnon (2005) p.19, fig.4
42	--	--	Parma	Arch.di Stato Bib.Pal.	II,29,1621	101	A	42	A4	6	alternate	--	--	--	--	3	3 (red)	Frabetti 8; Pujades "Venetian c. 1450-75"
43	--	--	Rotterdam	Maritime Museum, Engelbrecht Collection	Atlas 66	E 6	--	--	A8	6	alternate	--	--	--	--	5?	5	
44	--	--	Rovigo	Bib. Accad. dei Concord.	Concord. 486	108	--	--	A3	?	?							Kupčik (2004) fig. 14-16
45	--	--	Turin	Biblioteca Reale	Ms.O.XVI.5	E 4	--	--	C	--	--	--	--	--	--	--	--	Astengo (1990)
46	--	--	Vatican		Borgiana V	153	--	--	C (+Caspian)	--	--	--	--	--	--	--	--	https://digi.vatlib.it/view/MSS_Borg.Carte.naut.V ; Almagià <i>MCV</i> 1:32-41; Destombes <i>Mappemondes</i> pp.226-7; Falchetta (1995) p.58; Astengo (2007) p.259 [V15bis] says 16th c.

47		--	London	British Library	Egerton MS 73, ff. 6-7	--	Cor 9	C (<i>ex W. Med</i>)	--	--	--	--	--	--	--	--	'Cornaro Atlas'; Emiliani (p.504) ascribes 'charts 5, 6, 7, 21 to Benincasa; Cortesão (1971) 2: 191
48		--	London	British Library	Egerton MS 73, ff. 20-2	--	Cor 10	C (<i>E. Med. only</i>)	--	--	--	--	--	--	--	--	'Cornaro Atlas'

THE COLUMNS EXPLAINED (Table 3)

Notation:

✓ present

x absent

-- area or feature not covered

when no reproduction was available the boxes are left empty

First column. This enables the table to be resorted into the original logical sequence. NB the numbers have *no other significance*

TC no. References to the author's 'Census of Pre-Sixteenth-Century Portolan Charts' (*Imago Mundi: the International Journal for the History of Cartography* 38 (1986) pp. 67-94 ['E' refers to the "Additional ('E') entries to the 'Census of pre-sixteenth-century portolan charts' " - <http://www.maphistory.info/portolanextra.html>]

A/C. The prefixes used in Pujades (2007), i.e. A[tlas], C[hart] and Cor[naro]

no. The Pujades number.

Diagonal corner scales. Noting the number of vertical dividers and the arrangement of the groups of four dots: variously, in every section, in alternate sections, or erratically distributed. On this see further: <http://www.maphistory.info/benincasa.html#corner>

Signature. Spread over how many lines; found on which sheet number; covering which area. On this see further: <http://www.maphistory.info/benincasa.html#initial>
Note that on the Christie's atlas (No.12) the boxed G has been picked out in gold but the remainder of the design and the long tail are lightly sketched in only.

Borders on atlas sheets. **Outer border:** formed of how many black lines. **Diagonal atlas scales:** formed of how many black lines (with occasional alternate red lines noted). On this see further: <http://www.maphistory.info/benincasa.html#drafting>

TABLE 4: SCALES AND DISTANCES

usual no	scale no	Author	Date	Place	Institution	Call number	TC no.	Pujades			Scales		Pflederer distances						Pujades distances				
								A/C	no.	sheets	Pfled	Puj.	1	2	3	4	5	6	A	B	C	D	E
1	17	Benincasa, G.	1461	Florence	Arch. di Stato	C.N.5	067	C	62	C		0.9							4.3	7.8	41.7	16.5	7.3
15	16	Benincasa, G.	1470	London	British Library	Add MS 31318A	051	--	--	C	0.95		118	84									
10	15	Benincasa, G.	1468	London	British Library	Add MS 6390	043	A	39	A6	1	1	125	88	198	116	204	78	5	9		18.7	8.5
42	14	--	--	Parma	Arch.di Stato Bib.Pal.	II,29,1621	101	A	42	A4		1							5	9.4		19	8.6
26	13		--	Paris	BnF Cartes et Plans	D 21815	024	C	74	C (part)		[1]							5				
3	12	Benincasa, G.	1463	London	British Library	Add MS 18454	045	A	33	A5	1	1	122	87	198	118	220		5.1	9.4		19	8.7
27	11		--	Vicenza	Bib.Civica Bertoliana	ms.524= (G.8.9.32; Gonz 24.9.42)	124	C	75	C (lacking west)		[1]							5.2	9.7	49.5		
2	10	Benincasa, G.	1461c.	Florence	Arch. di Stato	C.N.6	068	C	63	C		1							5.2	9.1	52.3	19.5	8.9
14	9	Benincasa, G.	1469	Milan	Bib. Ambrosiana	SP2, 35 [SP II.6]	086	A	41	A6		1.3							6.5	11.4		23.2	10
9	8	Benincasa, G.	1467	London	British Library	Add MS 11547	044	A	38	A5	1.3	1.3	156	108	253	140	267		6.7	11.9		23.8	10.3
5	7	Benincasa, G.	1465	Vicenza	Bib.Civica Bertoliana	598b	123	A	34	A5		1.3							6.7	12		23.7	10.5
19	6	Benincasa, G.	1473	London	British Library	Egerton MS 2855	054	--	--	A6	1.3		161	108	248	142	268	106					
6	5	Benincasa, G.	1466	Paris	BnF Cartes et Plans	DD 2779	027	A	35	A5		1.3							6.6	12		24	10.5
13	4	Benincasa, G.	1469	London	British Library	Add MS 31315	050	A	40	A6	1.3	1.3	162	111	253	142	267	108	6.7	12		24	10.5
7	3	Benincasa, G.	1467	Paris	BnF Cartes et Plans	DD 1988	026	A	36	A5		1.3							6.6	12		24	10.6
8	2	Benincasa, G.	1467	Paris	BnF [ex Lesouef & Nogent-sur-Marne]	DD 6269	009	A	37	A5		1.3							6.6	12		24	10.6
11	1	Benincasa, G.	1468	Palma de Mallorca	Fund B M Servera		129	C	69	C (Atl. & Spain)		1.6											13
4		Benincasa, G.	1463	London	Royal Army Medical Corps [stolen]		056	--	--	A4													
12		Benincasa, G.	1468	(London)	(Christie's, 2014 & 2018)	[see note below]	179	--	--	A7			--	--	--	390		272	--	--	--	--	27.5
16		Benincasa, G.	1471	Vatican	Biblioteca	Vat.Lat. 9016	159	--	--	A6													
17		Benincasa, G.	1472	Venice	Civico Museo (Correr)	Port. 5	118	--	--	C (Adriatic)													
18		Benincasa, G.	1472	(Milan)	(Luigi Bossi)		172	--	--	A8													
20		Benincasa, G.	1473	Bologna	Bib. Univ.	MS 280	060	--	--	A6													
21		Benincasa, G.	1474	Budapest	Nat. Széchényi Lib.	Fol. Ital. 8	058	--	--	A6													
21a		Benincasa, G.	1474	Kiev	National Lib. Ukraine		E.27	--	--	A6													
22		Benincasa, G.	1480	Vienna	Öst Nat.Bib.	MS 355	003	--	--	A6													
23		Benincasa, G.	1482	Bologna	Bib. Univ.	Rot.3	061	--	--	C													
24	ATTRIBUTED TO BENINCASA OR HIS WORKSHOP																						
25			--	Florence	Arch. di Stato	C.N.9	071	--	--	C													
28	SUCCESSORS																						
29		Benincasa, Andrea	1476	Geneva	Bib.Pub.et Univ.	MS Lat.81	130	--	--	A5													
30		Benincasa, Andrea	1490	Ancona	Sopr. delle Marche	Cat.1, Inv.15	059	--	--	C (part)													
31		Freducci, Conte di O	1497	Wolfenbüttel	Herzog August Bib.	Cod. Guelf 99	039	--	--	C													
32		Benincasa, Andrea	1508	Vatican		Borgiano VIII	--	--	--	C													
33		Freducci, Conte di O	1537	New York	Hispanic Soc.	K14	--	--	--	A5													
34		Freducci, Conte di O	1538	Vatican	Bib. Apostica Vaticana	Borgiano XIII	--	--	--	A5													
35	IMITATORS ?																						
36		--	--	Bologna	Bib Com/Archiginnasio	Cod.No.1	A19	--	--	C													
37		--	--	Istanbul	Topkapi Sarayi	Deissmann 47	137	--	--	A10/A12													

- A. Barcelona - Marseilles
- B. Cap de Spartivento - Tripoli
- C. Cap de St Antoni - Beirut [only relevant for charts]
- D. Constança - Trebisonda
- E. Punta de St Mathieu - Calais

The three measurements given for No.12, the 1468 atlas for sale at Christie's on 19 November 2014 were taken two days prior to the sale. It was important to avoid touching the surface and, for measurement 4, figures from two sheets had to be combined. With those provisos about the precise accuracy, the measurements do show clearly that they were approximately 2.6 times the distances encountered on the middle-scale atlases, and around 2 times that on the Servera chart of the Atlantic, of the same date.

TABLE 5: COMPARING WEST AFRICAN PLACE NAMES FROM SAMOTAMAT TO CAUO DE SANCTA MARIA

Yellow is used to emphasise significant features. See further: <http://www.maphistory.info/benincasa.html#africa>

1339 Dulceti	1375 Catalan Atlas	1448 Bianco	'Catalan Estense world map', i.e. chart	Benincasa 1465-7	1464-5 Rosselli [Nuremberg & BL Egerton 2712]	1468 Benincasa [BL Add. 6390 ONLY]	1468-74 Benincasa (& 1480?)	COMMENT
<i>Works involved</i>			<i>reliably attributed to Roselli, c.1462-4. Readings taken from 1996 Moleiro facsimile, ed. E.Molino, with minor amendments</i>	<i>all (?) works from 1461 except 1468 (British Library) same to buçedor; only the five atlases (1465-7) beyond that</i>			<i>the later atlases</i>	
PUJADES: C 8	C 16	C46 {some of these readings may need correcting from the original}	--- not in Campbell (1987)		C65 & C66 - hard to read & some illegible	A 39		
✓	samotiriat	sauiademain	zamotamat	samotamat	zamtamat	samotamat	{down to buçedor, repeats earlier sequence (col. 5)}	
		aguilom						
		algrizira						
✓	zamain	samaim	zamani	suman	zamam			
✓	cauo de non	cauo de non	cauo de no	cauo de non	cauo de no	cauo de non		
✓	mevist	mon.yust	meuist	meuist	[meuist]			
✓	himisim	vmisin	himisim	imissin	[imisin]			
✓	ansulin	ansulin	ansulin	ansulum	ansulin			
✓	alluetnull		aluetnul	albet mill	aluetmill			
						prage deserte		
arzara								
		flimena (2)						
	cauo de sabuny	cabo de sablin (3)	cauo de sablo	c de sabiom	cauo sablo	c. de sabiom		
	plages arenoses	plazas de arenoxa (4)		prage arenose	plages arenosas			
				[pragia - 1466]				found on 1446 Ziroldi
						cauo de la beue		c.de buider on Ziroldi (=misplaced buçedor)?
						pragia grande [rep.]		
	vetenille			vetemille		beduille		
	cauo de buyetder	cabo de buxedor (1)	cauo de buyetdor	cauo de buçedor	(cauo de buyetdor)	cauo de buçedor		
	buyetder		buyetdor	buçedor	(buyetdor)	buçedor	buçedor	
			<i>taken from 1996 Moleiro facsimile, ed. E.Molino</i>	<i>all charts (except 1468) & the 1463 atlas end here. NB. the matching of names with those in the columns to the right is arbitrary</i>	<i>{listing the 1464 chart, with 1465 instances in wiggly brackets}</i>	<i>{below, BL Add. 6390 repeats next column}</i>	<i>{ticks refer to the apparent equivalents on the 1492 Aguiar chart; prominent features with the same name today are highlighted}</i>	

1339 Dulceti	1375 Catalan Atlas	1448 Bianco	'Catalan Estense world map', i.e. chart	Benincasa 1465-7	1464-5 Rosselli [Nuremberg & BL Egerton 2712]	1468 Benincasa [BL Add. 6390 ONLY]	1468-74 Benincasa (& 1480?)	COMMENT
c de nom [=buçedor ?]	danom						{✓}	
			prages 3					
			cabo 5	tabo				
		tera de telta alta	tera de telta alta 4 & 6	terra de talata				
		tera de chala alta						
		tera bassa	tera de rabasa 7	terra bassa				
		flm fratera	flum flatera 8	fiun de fia de terra				
			praga 9	piage				
			tera grande de reya 1		(-) grande darea		terra grande darea [=terra alta de rea, 1474]	
					(-) alta		terra alta deserta	
			praga grande desertas 2		(-) grande {?}			
					(-) petro {sta petra}			
					(pany)alta {✓}		praia alta dereia	
					terra brāca {✓}		terra branca	
							angra de rouis	disc. by Eanes & Baldaia (1435?)
					{?}		terra de sette cabos {✓}	
							tera irasa	
					ang. dos caualos {✓}		angra dos cavalls {✓}	
					sco alto {✓}		1468 Servera chart ends here	
					angra dos ruiuos {in diff. position on 1492 Aguiar}			
		rio doro	rio d'oro 10		rio douro {?}		riu doro {✓}	disc. by Baldaia 1436
							isola de iesu	
							piage [1473 & 1474 only]	
		po chaulero	porto cauallero	porto cavalier			porto de cavalier	
					ang. de go. desint. {?}		angra de godesintra {✓}	
							angra de san jordi	
					c(--) alta {?}		piaga alta [piaga alta e bassa - 1473 & 1474]	
					restinga {? - end 1465}			
							angra de san gregorio	
		p de gotestior	porto de gotestior	porto de gutristior			porto de gutristior [NB reintroduced: 1473 & 1474 only]	
					cauo das barbas		cauo des barbas {✓}	
							pedra negra	
		tera basa alba	tera basa alta	terra bassa et alta				
		tera alta	tera alta	terra alta				
		pedra de gala					pedra de galee {✓}	

1339 Dulceti	1375 Catalan Atlas	1448 Bianco	'Catalan Estense world map', i.e. chart	Benincasa 1465-7	1464-5 Rosselli [Nuremberg & BL Egerton 2712]	1468 Benincasa [BL Add. 6390 ONLY]	1468-74 Benincasa (& 1480?)	COMMENT
			tera de galla	terra de gallo			terra de galle [in addition 1473 & 1474]	
		cabo brancho			(branco?)		c. bianco {✓}	disc. by Tristão 1441
					(terra sais?)		terasais	
		cabo de chabanel	c.de cabanell	cauo de cabanel	?		c. de cabanel [NB reintroduced: 1474 only]	
		spiaza basa	praga	praga bassa				
					cauo de (ragine?)		erigini	
		ya verde	illa verda	isola verde			isola verde	
					(-) paga			
		ya de grair	illa de grani	isola de guarre			ya de giarre	
		ye de falcon	illa de faucon	ya de falcom	(-- falcon?)		isola de falcon	
		ya de garles	illa de garses	isola de guarses			ya de guarses	
		ya de tridi	illa de cridi	ya teadi			isola teadi	
		cabo de go (iacobo)	c. sto jacobo	c de san jacomo	{ <i>apparently the end of the vellum</i> }		cauo de san jachomo	<i>san nichollo</i> (on BnF Ital.1710)
		cabo de sa. ana	c. de sta anna	cauo de santanna				
		cabo de rea	c. de reya	cauo de rea				
		cabo de madorna	c. de mador	cauo de madeorna				
		[n]aralba areal	recu alba arcall	terra jalla de arcal				
			tisilgan [inland on the river, where Bianco has <i>tera de nigro</i>]					
		aqua	aqua	aqua				
		cabo de fereno	c. fferen	cauo ferreno				
		cabo de [granberxades]	c. de					
		cabo de mamoas	c. do					
		cabo de [berxades]	c. de					
							rio de san johan [fium de san johan] {✓}	on Benincasa this is next to <i>c. de s. jachomo</i>
							toffia {✓}	
							segedit	
							cauo de sca anna {✓?}	
							segedit [rep.]	
							praia	
							artasote {✓?}	
		tera de palmera					palmeri {✓}	
				A de gracia				
		terra de-rea	teraderya	terra de rena				
							cauo de cenega {✓?}	
							rio de cenega {✓}	
							porto de calam	
							chalam {✓}	
							budumel {✓}	

1339 Dulceti	1375 Catalan Atlas	1448 Bianco	'Catalan Estense world map', i.e. chart	Benincasa 1465-7	1464-5 Rosselli [Nuremberg & BL Egerton 2712]	1468 Benincasa [BL Add. 6390 ONLY]	1468-74 Benincasa (& 1480?)	COMMENT
							cauo verde {✓}	disc. by Dias (1445?)
							rio dos coreos	
							barbacia	
							casa deli rey	
							rio de bacos/lacos	
							rio de gambia	
		cabo dalbori	c. dalbori	cauo de alberi			cauo de albori	
							arboredo grande	
							rio de casamansa {✓}	
		(cauo verde?)	c. uerde	(cauo verde?)				
		cauo roso	c. groso	cauo rosso			cauo rosso {✓}	disc. by Fernandes 1446
							fallolu	
							rio de san domingo {✓?}	
							cauo verde	
							rio de farcaso	
							bisanao	
							terra farfangally	
							cauo de besegue	
							beseque {✓}	
							riu secho	
							aruoredo	
							prancel darea	
							aruoredo [rep.]	
							pouolado	
							cauo de verga {✓}	site of Conakry, disc. Fernandes 1447, was midway between here and <i>cauo ledo</i>
							porcelli de baua	
							riu de pichel {✓}	
							riu de pescatori {✓}	
							porell darea	
							cauo de sagres {✓}	
							terra alta	
							riu de san v.co [vicenço]	in full (1468 & BnF Ital.1710); abbrev. (1469, 1471, 1473, 1474 & Rotterdam)
							borceros ruinas	
							riu verde	
							custada	
							cauo ledo	=C. Sierra Leone, disc. by Sintra 1460
							sessalioa	=Sierra Leone
							riu ruino	
							ya ruina	
							cauo ruino	

1339 Dulceti	1375 Catalan Atlas	1448 Bianco	'Catalan Estense world map', i.e. chart	Benincasa 1465-7	1464-5 Rosselli [Nuremberg & BL Egerton 2712]	1468 Benincasa [BL Add. 6390 ONLY]	1468-74 Benincasa (& 1480?)	COMMENT
							rio de sca maria	
							isola sposa	
							rio rosso	
							angra	
							riu de banco	
							cauo sca anna	
							riu de palmeri	
							riu dos fium	
							cauo de monte {✓}	
							cauo mesurado {✓?}	
							cauo de sca maria	= Bassa Point, disc. by Sintra 1461
							{some stop at palmeri, monte or mesurado}	

See further: <http://www.maphistory.info/benincasa.html#africa>

For references see: <http://www.maphistory.info/benincasa.html#refs>

A note on the sources for the Benincasa atlas names

Names on works up to 1469 were taken from the Pujades (2007) DVD; later works:

- 1471 Vatican, Vat.Lat.9016 - *Manoscritti Cartografici*, pl.5
- 1473 British Library Egerton MS 2855 - personal examination
- 1473 Bologna, MS 280 - *no illustration available*
- 1474 Budapest - from Teleki (1906)
- 1480 Vienna - *no illustration available*