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**New approaches to the architectural design, amenities, and function of *macella*:
typologies, scale, and the Macellum Magnum**

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Supplementary Materials

ID	Name	Population	Length (m)	Width (m)	Footprint (m ²)
26	Corinth	63,700	30	40	1,200
177	Gigthis	7,790	32	19	608
180	Lepcis Magna	153,761	70	42	2,940
187	Meninx	6,368	60	60	3,600
207	Thuburbo Maius	3,085	26	23	587
210	Thugga	3,085	32	28	896
237	Gerasa	15,580	50	50	2,500
276	Ephesus	71,587	63	81	5,103
329	Baelo	1,030	19	27	513
334	Carteia	2,922	15	24	360
387	Corinium Dobunorum	17,849	23	17	377
404	Ratae	6,969	43	33	1,419
408	Verulamium	17,084	23	24	564
409	Viroconium	15,086	20	25	500
446	Elaeussa	3,251	30	35	1,050
571	Lugdunum Convenarum	7,582	55	27	1,450
624	Noviodunum	3,590	17	32	537
646	Genava	3,590	14	14	196
647	Glanum	4,291	21	18	378
691	Caesaraugusta	7,172	20	11	220
695	Celsa	458	18	14	252
696	Clunia	12,211	48	31	1,464
700	Emporiae	2,922	25	17	425
731	Tarraco	12,211	16	21	326
777	Interamna Lirenas	3,420	17	17	289
782	Minturnae	4,471	36	43	1,552
784	Neapolis	23,155	36	16	571
788	Ostia	35,017	62	53	3,286
790	Pompeii	9,938	50	32	1,600
794	Puteoli	25,091	58	75	4,350
831	Herdoniae	2,138	24	27	648
861	Paestum	26,781	26	24	624
874	Alba Fucens	4,471	20	21	420
897	Saepinum	1,157	14	16	224
920	Trea	1,288	28	25	700
973	Falerii Novi	4,113	30	24	720
992	Roma	923,406			7,573
1,045	Aquileia	19,667	35	35	1,253
1,133	Sagalassus	2,290	35	45	1,575
1,159	Philippi	7,999	53	27	1,431
1,161	Thasos	3,937	26	26	650
1,171	Cuicul	1,157	24	22	528
1,239	Ammaedara	11,979	39	39	1,521
1,241	Bulla Regia	6,067	24	25	600
1,246	Hippo Regius	9,938	39	34	1,326

1,258	Thamugaddi	7,790	38	26	988
1,260	Thibilis	673	16	13	204
1,267	Aquincum	3,937	47	28	1,316
1,278	Carnuntum	5,782	55	21	1,140
1,313	Morgantina	3,085	25	28	700

ID	Name	Population	Courtyard area (m ²)	Number of shops	Average shop area (m ²)
26	Corinthia	63,700	302	17	25
177	Gigthis	7,790	201		
180	Leptis Magna	153,761	1,709		
207	Thuburbo Maius	3,085			
210	Thugga	3,085	210	8	12
237	Gerasa	15,580	512	25	22
329	Baelo	1,030			
387	Corinium Dobunorum	17,849		7	28
408	Verulamium	17,084			
409	Viroconium	15,086	220	12	25
571	Lugdunum Convenarum	7,582	560	22	20
696	Clunia	12,211			
784	Neapolis	15,086			
788	Ostia	35,017	222	23	25
790	Pompeii	9,938	456	30	20
794	Puteoli	25,091	1,418	42	24
831	Herdoniae	2,138	161	13	21
861	Paestum	26,781	95	10	14
874	Alba Fucens	4,471	124	16	15
897	Saepinum	1,157	79	7	18
992	Rome	923,406	1,750	72	42
1,133	Sagalassus	2,290			
1,159	Philippi	7,999	164	8	18
1,171	Cuicul	1,157	159	17	12
1,239	Ammaedara	11,979	244		
1,241	Bulla Regia	6,067	166	12	7
1,246	Hippo Regius	9,938	255	15	33
1,258	Thamugadi	7,790	441	13	14
1,260	Thibilis	673	27	7	8

ID	Name	Population	Distance to harbours	Degree	Betweenness centrality	Eigenvector centrality	CSI
26	Corinth	63,700	78	3	2,123	0.067	114,149
177	Gigthis	7,790	1,043				27,951
180	Lepcis Magna	153,761	375	7	6,700	0.207	37,973
187	Meninx	6,368	977	4	2,050	0.133	25,215
207	Thuburbo Maius	3,085	52,965				110,004
210	Thugga	3,085	74,194				129,990
237	Gerasa	15,580	96,707				72,470
276	Ephesus	71,587	323	8	7,387	0.495	119,720
329	Baelo	1,030	247				92,899
334	Carteia	2,922	7				89,764
387	Corinium Dobunorum	17,849	28,964				191,631
404	Ratae	6,969	120,402				190,034
408	Verulamium	17,084	34,887	2	186	0.028	192,573
409	Viroconium	15,086	58,080	3	920	0.032	170,034
446	Elaeussa	3,251	1,156				80,735
571	Lugdunum Convenarum	7,582	187,562	2	1,029	0.019	170,932
624	Noviodunum	3,590	89,946				186,739
646	Genava	3,590	296,792	3	2,884	0.019	163,524
647	Glanum	4,291	21,381				179,111
691	Caesaraugusta	7,172	155,792	5	1,732	0.034	107,852
695	Celsa	458	105,858				96,284
696	Clunia	12,211	179,102				191,796
700	Emporiae	2,922	655	2	145	0.037	120,441
731	Tarraco	12,211	1,279	6	4,725	0.080	87,269
777	Interamna Lirenas	3,420	21,927				157,737
782	Minturnae	4,471	3,082	3	1,200	0.023	120,588
784	Neapolis	23,155	119	3	654	0.037	124,700
788	Ostia	35,017	466	10	25,687	0.314	95,598
790	Pompeii	9,938	2,884	2	53	0.017	117,016
794	Puteoli	25,091	964	6	4,453	0.123	103,891
831	Herdoniae	2,138	29,378	2	668	0.014	151,272
861	Paestum	26,781	482				114,214
874	Alba Fucens	4,471	15,887	2	1,521	0.016	200,090
897	Saepinum	1,157	66,769				179,424
920	Trea	1,288	33,001				211,667
973	Falerii Novi	4,113	43,782				187,975
992	Roma	923,406	533	9	12,568	0.141	158,037
1,045	Aquileia	19,667	1,027	7	23,315	0.120	164,236
1,133	Sagalassus	2,290	92,040				150,554
1,159	Philippi	7,999	12,594	2	0	0.029	181,184
1,161	Thasos	3,937	4,584	2	47	0.038	82,743
1,171	Cuicul	1,157	47,300	2	108	0.019	128,412
1,239	Ammaedara	11,979	150,122	2	962	0.025	96,145

1,241	Bulla Regia	6,067	45,136	2	494	0.076	138,612
1,246	Hippo Regius	9,938	2,282	5	1,113	0.114	91,466
1,258	Thamugaddi	7,790	158,263	3	1,654	0.026	96,396
1,260	Thibilis	673	60,920				137,572
1,267	Aquincum	3,937	442,673	3	1,118	0.037	244,303
1,278	Carnuntum	5,782	357,872	4	307	0.040	247,684
1,313	Morgantina	3,085	45,167				99,713