



**STUDIO AMBIENTALE SULLO STATO DI SALUTE  
DELL'AMBIENTE MARINO NELL'AREA  
ANTISTANTE LO STABILIMENTO SOLVAY DI  
ROSIGNANO M.MO (LI)**



**ALLEGATO ALLA RELAZIONE FINALE  
MAGGIO 2017**

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**1. VALORI DI ABBONDANZA (CELL/LITRO<sup>-1</sup>)  
FITOPLANCTONICA PER OGNI NEI DIVERSI SITI DI  
CAMPIONAMENTO, RAGGRUPPATI IN BASE ALLA  
CAMPAGNA STAGIONALE.**

FAMIGLIE DI DIATOME (BACILLARIOPHYCEAE)											
Dicembre 2015											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Asterolampraceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillariaceae</i>	40	50	30	130	140	30	130	80	90	124	160
<i>Biddulphiaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetocerotaceae</i>	0	0	1806	200	50	180	0	680	0	0	130
<i>Leptocylindraceae</i>	0	0	80	70	30	320	0	160	70	40	40
<i>Cocconeidaceae</i>	0	0	0	0	30	0	80	0	0	0	0
<i>Coscinodiscaceae</i>	100	80	0	0	0	0	60	20	30	10	20
<i>Cymbellaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilariaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Hemiaulaceae</i>	0	0	0	0	30	0	0	0	0	0	0
<i>Licmophoraceae</i>	0	20	20	30	0	40	40	0	0	0	50
<i>Diploneidaceae</i>	20	0	0	0	0	30	0	0	30	0	0
<i>Naviculaceae</i>	60	50	0	30	0	0	0	0	30	50	50
<i>Plagiotropidaceae</i>	0	0	0	0	0	0	0	0	0	0	20
<i>Pleurosigmataceae</i>	0	30	0	0	30	0	0	20	20	18	0
<i>Rhizosoleniaceae</i>	0	0	30	0	90	30	0	0	0	0	0
<i>Rhopalodiaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Striatellaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Entomoneidaceae</i>	0	0	0	0	0	0	20	0	0	0	0
<i>Tabellariaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionemataceae</i>	180	180	120	30	30	240	130	0	141	90	20
<i>Catenulaceae</i>	20	0	0	30	0	80	0	40	0	0	0
<i>Stephanodiscaceae</i>	0	20	0	0	0	0	0	0	0	0	0
<i>Thalassiosiraceae</i>	0	0	20	20	30	0	0	0	0	0	0

FAMIGLIE DI DIATOMEE (BACILLARIOPHYCEAE)											
Febbraio 2016											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Asterolampraceae</i>	0	0	0	0	0	0	0	0		173	0
<i>Bacillariaceae</i>	1000	286	1571	429	0	509	663	216		489	356
<i>Biddulphiaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Chaetocerotaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Leptocylindraceae</i>	0	0	0	143	0	0	0	0		0	356
<i>Cocconeidaceae</i>	0	0	0	143	0	0	0	0		0	0
<i>Coscinodiscaceae</i>	0	286	0	0	143	197	197	0		356	143
<i>Cymbellaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Fragilariaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Hemiaulaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Licmophoraceae</i>	0	0	0	143	0	0	0	0		0	0
<i>Diploneidaceae</i>	0	286	0	0	0	0	0	0		173	0
<i>Naviculaceae</i>	143	286	143	571	143	509	356	425		1432	1432
<i>Plagiotropidaceae</i>	0		0	0	0	0	0	0		0	0
<i>Pleurosigmataceae</i>	286	0	0	0	0	336	0	0		173	286
<i>Rhizosoleniaceae</i>	143	0	571	0	0	0	0	0		0	0
<i>Rhopalodiaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Striatellaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Entomoneidaceae</i>	0	0	0	0	0	0	0	0		0	143
<i>Tabellariaceae</i>	0	143	0	0	0	0	0	0		0	0
<i>Thalassionemataceae</i>	286	143	0	0	286	153	356	216		173	0
<i>Catenulaceae</i>	0	0	0	0	0	153	0	0		173	0
<i>Stephanodiscaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Thalassiosiraceae</i>	0	0	0	0	0	0	0	0		0	0

FAMIGLIE DI DIATOME (BACILLARIOPHYCEAE)											
Aprile 2016											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Asterolampraceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillariaceae</i>	1140	1480	3480	1040	2340	2100	2940	2380	3980	1300	1460
<i>Biddulphiaceae</i>	0	0	0	0	0	40	0	100	0	0	0
<i>Chaetocerotaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindraceae</i>	0	400	100	180	160	120	280	20	200	320	20
<i>Cocconeidaceae</i>	0	20	140	60	0	40	180	140	600	0	220
<i>Coscinodiscaceae</i>	40	0	20	20	40	20	140	180	140	20	60
<i>Cymbellaceae</i>	0	0	40	80	100	0	260	100	300	80	40
<i>Fragilariaceae</i>	0	0	0	80	0	200	0	0	0	60	0
<i>Hemiaulaceae</i>	80	100	0	20	0	20	0	0	0	0	0
<i>Licmophoraceae</i>	0	120	420	40	80	80	1440	380	1820	80	320
<i>Diploneidaceae</i>	120	80	260	60	280	120	80	300	340	100	60
<i>Naviculaceae</i>	660	740	1880	520	460	1140	2400	2960	2920	860	1020
<i>Plagiotropidaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigmataceae</i>	40	100	100	160	100	40	100	100	40	60	60
<i>Rhizosoleniaceae</i>	100	160	200	220	140	140	220	200	140	180	60
<i>Rhopalodiaceae</i>	40	20	0	0	0	40	20	20	0	0	100
<i>Striatellaceae</i>	20	0	0	0	20	0	40	100	20	20	20
<i>Entomoneidaceae</i>	20	0	0	40	0	0	0	20	0	0	0
<i>Tabellariaceae</i>	0	0	0	0	0	0	0	0	0	0	80
<i>Thalassionemataceae</i>	260	60	320	120	380	240	240	340	120	80	360
<i>Catenulaceae</i>	80	0	120	0	20	60	280	40	180	40	80
<i>Stephanodiscaceae</i>	60	80	80	40	120	0	40	220	140	20	120
<i>Thalassiosiraceae</i>	0	60	60	0	20	0	60	120	20	20	20

	FAMIGLIE DI DIATOMEAE (BACILLARIOPHYCEAE)										
	Giugno 2016										
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Asterolampraceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillariaceae</i>	220	280	1580	260	0	440	360	40	360	180	760
<i>Biddulphiaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetocerotaceae</i>	140	240	140	0	120	40	0	40	0	60	0
<i>Leptocylindraceae</i>	67000	37140	65590	35100	22000	47340	55780	56520	92060	20740	80540
<i>Cocconeidaceae</i>	60	60	20	0	60	140	120	60	0	20	0
<i>Coscinodiscaceae</i>	0	0	0	20	0	0	0	160	0	0	0
<i>Cymbellaceae</i>	80	0	0	0	0	40	0	60	280	0	0
<i>Fragilariaceae</i>	0	0	0	20	0	0	0	0	0	160	0
<i>Hemiaulaceae</i>	120	60	300	60	40	60	80	100	120	160	0
<i>Licmophoraceae</i>	160	620	840	1040	0	420	880	40	800	180	760
<i>Diploneidaceae</i>	0	100	0	0	0	0	0	0	0	20	0
<i>Naviculaceae</i>	20	420	900	540	140	400	1000	500	660	600	580
<i>Plagiotropidaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigmataceae</i>	0	0	0	0	0	20	0	0	0	0	0
<i>Rhizosoleniaceae</i>	800	1040	1520	760	480	880	1160	1100	840	700	1300
<i>Rhopalodiaceae</i>	0	80	60	60	0	0	0	0	0	0	0
<i>Striatellaceae</i>	0	0	0	0	0	0	40	0	0	0	0
<i>Entomoneidaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Tabellariaceae</i>	0	0	0	0	0	0	20	0	0	0	0
<i>Thalassionemataceae</i>	60	160	240	120	140	140	120	200	140	60	100
<i>Catenulaceae</i>	0	0	140	0	0	20	40	0	0	20	0
<i>Stephanodiscaceae</i>	0	260	200	0	0	0	160	0	0	0	100
<i>Thalassiosiraceae</i>	0	0	0	0	0	0	0	0	0	0	0

FAMIGLIE DI DIATOME (BACILLARIOPHYCEAE)											
Agosto 2016											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Asterolampraceae</i>	0	0	0		0	0	0	0	0		
<i>Bacillariaceae</i>	940	380	860		320	900	120	280	380		
<i>Biddulphiaceae</i>	0	0	0		0	0	0	0	0		
<i>Chaetocerotaceae</i>	0	540	760		360	180	160	0	520		
<i>Leptocylindraceae</i>	360	380	540		500	600	0	220	760		
<i>Cocconeidaceae</i>	80	0	80		0	60	0	0	60		
<i>Coscinodiscaceae</i>	0	80	0		10	0	0	60	0		
<i>Cymbellaceae</i>	0	100	240		20	100	0	0	0		
<i>Fragilariaceae</i>	0	0	0		0	0	0	0	0		
<i>Hemiaulaceae</i>	0	0	340		0	0	0	0	0		
<i>Licmophoraceae</i>	160	40	480		80	380	120	0	420		
<i>Diploneidaceae</i>	0	0	0		0	0	0	0	0		
<i>Naviculaceae</i>	1100	280	580		200	840	360	420	420		
<i>Plagiotropidaceae</i>	0	0	0		0	0	0	0	0		
<i>Pleurosigmataceae</i>	0	0	0		0	0	0	0	0		
<i>Rhizosoleniaceae</i>	760	380	1580		80	100	200	1520	60		
<i>Rhopalodiaceae</i>	0	0	0		0	0	0	0	0		
<i>Striatellaceae</i>	0	0	0		0	0	0	0	0		
<i>Entomoneidaceae</i>	0	0	0		0	0	0	0	0		
<i>Tabellariaceae</i>	80	0	20		0	0	0	0	0		
<i>Thalassionemataceae</i>	380	220	500		50	20	580	0	380		
<i>Catenulaceae</i>	0	0	0		0	0	0	0	80		
<i>Stephanodiscaceae</i>	220	0	0		0	0	0	0	100		
<i>Thalassiosiraceae</i>	0	0	0		0	0	0	0	0		

	FAMIGLIE DI DINOFLAGELLATI (DINOPHYCEAE)										
	dic-15										
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Amphilotaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysaceae</i>	20	20	201	140	0	0	50	0	0	20	0
<i>Ceratiaceae</i>	0	0	0	0	120	0	50	30	0	20	90
<i>Goniodomataceae</i>	60	80	1040	200	90	120	520	120	30	44	30
<i>Gonyaulacaceae</i>	20	0	0	0	0	0	0	30	0	0	0
<i>Gymnodiniaceae</i>	1080	2340	1520	580	360	860	1360	1760	840	1074	2230
<i>Kareniaceae</i>	0	10	0	0	0	0	0	0	0	0	0
<i>Tovilliacae</i>	0	0	0	0	0	0	0	0	20	10	0
<i>Noctilucaeae</i>	20	0	0	80	0	0	20	0	0	0	0
<i>Oxytoxaceae</i>	20	120	80	40	10	0	80	50	50	60	30
<i>Protoperidiniaceae</i>	0	0	180	0	0	0	0	0	0	0	0
<i>Prorocentraceae</i>	200	540	160	220	60	200	220	430	320	252	180
<i>Torodiniaceae</i>	40	30	0	40	0	80	40	0	10	20	0
<i>Thoracosphaeraceae</i>	40	30	80	0	180	60	0	0	0	0	0

	FAMIGLIE DI DINOFLAGELLATI (DINOPHYCEAE)										
	feb-16										
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Amphilotaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Dinophysaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Ceratiaceae</i>	0	0	0	0	0	0	143	0		0	0
<i>Goniodomataceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Gonyaulacaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Gymnodiniaceae</i>	0	503	0	0	0	0	0	0		0	0
<i>Kareniaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Tovilliacae</i>	0	0	0	0	0	0	0	0		0	0
<i>Noctilucaeae</i>	0	0	0	0	0	0	0	0		0	0
<i>Oxytoxaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Protoperidiniaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Prorocentraceae</i>	143	926	0	143	0	286	429	429		571	571
<i>Torodiniaceae</i>	0	0	0	0	0	0	0	0		0	0
<i>Thoracosphaeraceae</i>	0	0	0	0	0	0	0	0		0	0

	FAMIGLIE DI DINOFLAGELLATI (DINOPHYCEAE)										
	apr-16										
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Amphilotaceae</i>	20	0	0	0	0	0	0	0	0	0	0
<i>Dinophysaceae</i>	0	0	40	0	0	0	0	0	0	0	20
<i>Ceratiaceae</i>	0	0	40	10	80	20	0	120	0	20	60
<i>Goniodomataceae</i>	20	100	100	10	0	60	40	0	60	60	60
<i>Gonyaulacaceae</i>	0	0	40	0	0	0	0	0	0	0	0
<i>Gymnodiniaceae</i>	100	80	180	60	80	120	160	180	220	80	20
<i>Kareniaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Tovilliacae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Noctilucaceae</i>	0	0	0	0	0	0	0	20	0	0	0
<i>Oxytoxaceae</i>	0	20	0	0	0	20	0	0	0	0	0
<i>Protoperidiniaceae</i>	0	40	40	40	0	40	0	20	0	20	0
<i>Prorocentraceae</i>	180	200	340	180	520	380	300	420	620	560	340
<i>Torodiniaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thoracosphaeraceae</i>	20	20	0	20	0	0	0	60	60	100	20

	FAMIGLIE DI DINOFLAGELLATI (DINOPHYCEAE)										
	giu-16										
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Amphilotaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratiaceae</i>	0	60	0	0	120	30	0	0	0	20	0
<i>Goniodomataceae</i>	140	0	20	100	0	30	20	0	0	0	0
<i>Gonyaulacaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodiniaceae</i>	780	1150	1820	900	320	640	620	540	1260	1480	960
<i>Kareniaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Tovilliacae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Noctilucaceae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxaceae</i>	40	0	80	0	0	0	20	0	20	60	80
<i>Protoperidiniaceae</i>	40	110	0	0	0	0	20	0	40	40	260
<i>Prorocentraceae</i>	180	440	260	900	140	240	260	300	240	480	260
<i>Torodiniaceae</i>	60	340	380	20	0	140	180	0	80	80	120
<i>Thoracosphaeraceae</i>	0	0	0	40	0	0	0	0	0	0	40

	FAMIGLIE DI DINOFLAGELLATI (DINOPHYCEAE)										
	ago-16										
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<i>Amphilotaceae</i>	0	0	0		0	0	0	0	0		
<i>Dinophysaceae</i>	0	0	100		80	0	0	0	200		
<i>Ceratiaceae</i>	80	0	0		0	80	0	0	0		
<i>Goniodomataceae</i>	80	0	0		40	0	0	0	0		
<i>Gonyaulacaceae</i>	40	0	0		0	0	0	0	0		
<i>Gymnodiniaceae</i>	640	880	600		1260	320	580	480	1280		
<i>Kareniaceae</i>	0	0	0		0	0	0	0	0		
<i>Tovilliaceae</i>	0	0	0		0	0	0	0	0		
<i>Noctilucaeae</i>	0	0	0		0	0	0	0	0		
<i>Oxytoxaceae</i>	0	0	0		80	0	0	0	0		
<i>Protoperidiniaceae</i>	0	60	0		100	140	0	0	100		
<i>Prorocentraceae</i>	780	960	760		840	720	220	300	400		
<i>Torodiniaceae</i>	0	0	0		0	0	0	0	0		
<i>Thoracosphaeraceae</i>	0	0	0		40	0	0	0	0		

ALTRO FITOPLANCTON											
dic-15											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<b>Criptoficee</b>	11026	10714	4083	0	0	1284	7545	2703	2572	2009	3770
<b>Crisoficee</b>	8169	17143	255	1371	4169	5778	12052	2163	5659	3640	3016
<b>Prasinoficee</b>	4442	15714	0	2754	250	6469	6036	3785	3601	2922	6032
<b>Prymnesoficee-coccolitoforidi</b>	9458	10000	5709	11780	10324	15364	9054	4406	2572	2208	5278
<b>Prymnesoficee-altri</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Chloroficee</b>	13309	15000	2065	1371	3971	7700	13274	7029	5659	3910	6052
<b>Raphidoficee</b>	0	0	0	0	0	1301	0	0	0	0	0
<b>Dyctiochaes</b>	20	20	0	30	0	50	80	60	0	0	140
<b>Euglenoficee</b>	0	0	1555	846	40	70	0	0	20	8	0
<b>Piccole flagelati</b>	7435	9603	3691	0	90	2953	6476	2563	5145	2909	4384
<b>Cianobacterie</b>	0	680	765	290	0	0	1000	820	0	120	0

ALTRO FITOPLANCTON											
apr-16											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<b>Criptoficee</b>	23000	9960	3250	6135	3333	4000	0	4000	0	4000	13840
<b>Crisoficee</b>	8000	0	29170	13219	31467	17000	0	13000	0	13000	0
<b>Prasinoficee</b>	6000	4000	2250	6135	6667	8000	0	7000	0	0	9000
<b>Prymnesoficee-coccolitoforidi</b>	17380	7080	18580	18735	13373	11000	0	7100	260	11140	11080
<b>Prymnesoficee-altri</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Chloroficee</b>	7000	8000	9000	11520	10000	11000	0	13820	0	9000	8000
<b>Raphidoficee</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Dyctiochaes</b>	0	0	0	20	40	40	0	120	20	0	80
<b>Euglenoficee</b>	60	20	0	20	0	0	0	0	0	0	0
<b>Piccole flagelati</b>	0	2040	7830	3230	1787	5960	0	12060	40	2000	2000
<b>Cianobacterie</b>	260	320	0	0	100	0	20	180	20	380	0

ALTRO FITOPLANCTON											
giu-16											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<b>Criptoficee</b>	32667	71667	44333	65000	41667	65800	35000	25000	11318	32500	10333
<b>Crisoficee</b>	0	0	3000	0	0	3333	0	0	0	0	0
<b>Prasinoficee</b>	5333	1707	5000	0	5000	12451	0	16000	2000	7500	4794
<b>Prymnesoficee-coccolitoforidi</b>	14333	1707	6687	4650	10000	15022	0	5160	12850	4980	4000
<b>Prymnesoficee-altri</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Chloroficee</b>	14333	46667	7726	24950	21667	23333	14880	20320	4150	2520	8580
<b>Raphidoficee</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Dyctiochaes</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Euglenoficee</b>	20	0	0	0	0	0	0	0	0	40	0
<b>Piccole flagelati</b>	34333	21627	23373	16533	23333	10060	20120	3520	3015	5000	9040
<b>Cianobacterie</b>	0	0	0	200	0	0	0	0	0	0	0

ALTRO FITOPLANCTON											
ago-16											
	c1	c2	a3	b1	b2	a4	n1	f1	b3	d1	f2
<b>Criptoficee</b>	15040	22640	15000		0	25000	15000	46607	22667		
<b>Crisoficee</b>	0	0	0		0	0	0	0	8333		
<b>Prasinoficee</b>	0	0	0		0	16667	3333	1667	5540		
<b>Prymnesoficee-coccolitoforidi</b>	480	0	5000		0	0	1667	6667	5960		
<b>Prymnesoficee-altri</b>	0	0	0		0	0	0	0	20280		
<b>Chloroficee</b>	28333	22420	15000		17127	8333	26667	21367	21667		
<b>Raphidoficee</b>	0	0	0		0	0	0	0	0		
<b>Dyctiochaes</b>	0	0	0		0	0	0	0	0		
<b>Euglenoficee</b>	60	0	0		0	0	0	0	0		
<b>Piccole flagelati</b>	0	40	60		0	22867	14880	0	19940		
<b>Cianobacterie</b>	0	580	0		640	240	0	0	120		

**2. DENSITÀ (N° IND/M<sup>3</sup>) DI ALTRO ZOOPLANKTON (ORDINI), CLADOCERI E COPEPODI (SPECIE) NEI DIVERSI SITI DI CAMPIONAMENTO, RAGGRUPPATI IN BASE ALLA CAMPAGNA STAGIONALE.**

	DICEMBRE 2015										
	A3	A4	B1	B2	B3	C1	C2	D1	F1	F2	N1
APPENDICULARIA <i>Oikopleura</i> spp.	75	124	82	63	190	282	113	15	41	53	47
ARTROPODA larve indeterminate	0	0	4	0	0	0	0	0	0	0	0
ASCIDIACEA larve	0	6	0	0	0	0	0	0	7	0	0
BIVALVIA larve	4	0	4	0	0	0	0	0	4	11	5
BRIOZOA larve	25	24	25	19	70	0	50	3	4	26	0
CHAETOGNATHA	0	12	0	0	0	0	19	0	4	21	0
CIRRIPEDIA larve	0	0	0	0	0	0	0	0	0	0	0
CNIDARIA larve	4	0	0	0	0	12	6	0	4	0	0
CTENOPHORA larve	0	0	0	0	0	0	0	0	0	0	0
ECHINODERMATA larve	96	12	11	0	0	24	19	8	4	37	5
GASTROPODA larve	0	0	36	0	40	0	0	3	0	21	0
GASTROPODA OPISTHOBRANCHIA larve	18	35	25	0	10	94	25	3	4	16	11
GASTROPODA pteropoda	0	0	0	0	0	0	0	3	0	0	0
GLOBOTHALAMEA (Foraminiferi)	4	0	4	0	0	12	6	0	0	11	0
HYDROZOA	4	6	0	6	0	35	6	0	0	0	0
MALACOSTRACA decapoda larve	4	6	0	0	0	0	0	0	0	0	5
OSTEICHTHYES larve	0	0	0	0	0	0	0	0	0	0	0
OSTEICHTHYES uova	0	0	0	0	0	0	0	0	0	0	0
OSTRACODA	0	0	0	0	0	0	0	5	0	0	0
POLYCHAETA larve	18	6	4	13	0	35	50	18	0	11	11
RADIOLARIA	7	0	21	0	0	0	0	0	4	5	0
SIPUNCULA larve	0	0	0	13	0	0	0	0	0	0	0
SPIROTRICHEA Tintinnida	11	0	0	0	0	0	0	0	0	26	0
TALIACEA larve	0	0	0	0	0	0	0	0	4	0	0
TENTACULATA (Ctenophora) Cestidi ( <i>Cestum</i> sp.)	0	0	0	0	0	0	0	0	0	0	0
TUNICATA	0	0	0	0	0	0	0	0	0	0	0
<i>Evadne nordmanni</i>	0	0	0	0	0	0	0	0	0	5	0
<i>Evadne spinifera</i>	89	188	7	50	50	47	50	10	7	58	11
<i>Evadne</i> sp.	7	0	0	0	0	24	6	0	0	0	0
<i>Penilia avirostris</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Podon intermedius</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Podon polyphemoides</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia adriatica</i>	0	0	0	0	0	71	38	0	7	32	0
<i>Acartia bifilosa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia clausi</i>	18	18	0	0	90	0	0	92	15	5	26
<i>Acartia italica</i>	0	0	39	0	0	141	0	0	0	0	0
<i>Acartia longiremis</i>	0	182	0	213	250	71	131	101	52	0	168
<i>Acartia margalefi</i>	29	0	11	0	0	0	0	0	0	0	0

<i>Acartia negligens</i>	0	0	18	0	0	0	113	0	0	0	0
<i>Acartia</i> spp.	50	0	29	100	80	71	75	94	30	16	37
<i>Acartia teclae</i>	0	0	18	0	0	71	0	0	0	0	0
<i>Acartia tonsa</i>	0	0	0	31	0	0	0	0	0	0	0
<i>Calanus helgolandicus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus adriaticus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus contractus</i>	32	24	25	0	140	0	0	65	0	0	26
<i>Calocalanus neptunus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus pavo</i>	0	0	21	0	0	0	0	0	0	0	26
<i>Calocalanus</i> spp.	0	0	0	0	0	129	94	32	19	26	0
<i>Calocalanus styliremis</i>	0	0	0	0	0	0	0	61	0	0	79
<i>Centropages ponticus</i>	0	0	0	0	0	141	0	0	0	0	0
<i>Centropages</i> spp.	114	71	0	0	120	400	94	0	11	0	0
<i>Centropages typicus</i>	64	76	0	0	0	0	38	0	41	0	58
<i>Clausocalanus arcuicornis</i>	21	0	18	0	0	118	56	0	0	0	53
<i>Clausocalanus furcatus</i>	0	0	11	0	130	141	0	42	4	100	0
<i>Clausocalanus jobei</i>	0	0	0	38	0	0	0	0	0	0	0
<i>Clausocalanus lividus</i>	0	0	0	0	0	0	0	4	7	0	0
<i>Clausocalanus mastigophorus</i>	0	71	0	0	0	0	0	0	0	0	0
<i>Clausocalanus parapergens</i>	0	0	0	0	0	0	94	0	0	0	0
<i>Clausocalanus paululus</i>	0	0	0	0	80	0	0	50	15	0	79
<i>Clausocalanus pergens</i>	0	65	0	163	0	188	56	0	0	0	111
<i>Clausocalanus</i> spp.	89	29	39	163	100	294	75	31	37	226	0
<i>Clytemnestra</i> sp.	0	0	0	0	0	0	0	0	0	0	0
<i>copepodite Calanoide</i>	0	0	0	0	0	188	56	0	0	0	0
<i>Corycaeus brehmi</i>	0	0	0	0	30	0	0	0	0	0	0
<i>Corycaeus flaccus</i>	0	6	0	0	0	0	0	0	0	0	0
<i>Corycaeus furcifer</i>	0	0	0	0	0	12	0	0	0	0	0
<i>Corycaeus giesbrecchi</i>	0	0	0	0	0	0	0	0	11	0	0
<i>Corycaeus limbatus</i>	11	0	0	0	0	12	0	0	0	0	0
<i>Corycaeus ovalis</i>	0	0	0	0	0	24	0	0	0	0	0
<i>Corycaeus</i> spp.	0	0	0	0	30	0	0	0	0	21	5
<i>Ctenocalanus vanus</i>	0	0	0	0	0	47	0	23	0	0	0
<i>Eurytemora</i> sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Eucheta acuta</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Euterpina acutifrons</i>	4	6	4	13	0	35	0	23	11	5	53
<i>Farranula rostrata</i>	0	6	4	0	0	0	0	0	0	0	21
<i>Indeterminati</i>	0	0	0	0	0	47	0	0	0	0	0
<i>Isias clavipes</i>	0	0	0	0	0	71	0	0	0	0	11
<i>Isias</i> spp.	0	0	0	0	0	129	0	0	0	0	0
<i>Lubokia squillimana</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Macrosetella gracilis</i>	4	0	0	0	0	0	0	0	0	0	0
<i>Mecynocera clausi</i>	4	0	0	0	0	47	0	77	0	5	26

<i>Mesocalanus tenuicornis</i>	0	29	14	0	0	0	0	0	0	0	26
Mesocalanus sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Microsetella rosea</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Nannocalanus minor</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oithona decipiens</i>	4	18	21	0	0	12	0	0	11	0	0
<i>Oithona longispina</i>	0	0	0	0	0	0	0	38	0	0	0
<i>Oithona nana</i>	36	112	64	13	120	212	0	81	22	95	37
<i>Oithona plumifera</i>	0	0	25	0	0	24	0	46	0	0	0
<i>Oithona similis</i>	54	88	36	0	100	0	0	0	19	105	26
Oithona spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Oithona tenuis</i>	0	59	21	0	0	0	0	0	0	37	0
<i>Oncaea curta</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oncaea media</i>	0	0	0	0	0	0	0	54	0	0	0
<i>Oncaea mediterranea</i>	0	0	0	13	0	59	0	0	0	0	16
<i>Oncaea scottodicarloi</i>	0	0	0	0	0	0	0	0	0	0	0
Oncaea spp.	0	0	0	0	0	24	0	0	0	0	0
<i>Paracalanus denudatus</i>	64	182	32	194	50	259	113	46	44	463	26
<i>Paracalanus nanus</i>	21	59	0	0	0	212	0	12	7	179	53
<i>Paracalanus parvus</i>	107	112	11	0	300	518	38	38	0	0	0
Paracalanus spp.	114	0	46	0	0	106	56	36	26	0	0
<i>Pseudocalanus elongatus</i>	0	0	0	0	100	0	0	0	0	0	0
<i>Pontella mediterranea</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pteriacartia josephinae</i>	0	0	0	0	0	0	0	0	0	5	0
Saphirrina sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Temora longicornis</i>	125	112	0	0	60	106	0	97	63	16	0
Temora spp.	0	0	82	0	0	59	38	0	0	0	0
<i>Temora stylifera</i>	11	100	54	0	0	47	0	0	0	42	53
<i>Vetтория parva</i>	0	0	0	0	0	0	0	0	0	0	0

	FEBBRAIO 2016									
	A3	A4	B1	B2	C1	C2	D1	F1	F2	N1
APPENDICULARIA <i>Oikopleura</i> spp.	0	0	0	3	13	6	3	0	2	11
ARTROPODA larve indeterminate	0	0	0	0	0	0	0	0	0	0
ASCIDIACEA larve	0	0	0	0	0	2	0	0	0	0
BIVALVIA larve	0	0	0	3	5	2	0	0	0	17
BRIOZOA larve	2	0	13	11	0	2	0	3	0	11
CHAETOGNATHA	2	0	0	6	0	0	0	0	0	0
CIRRIPEDIA larve	5	2	0	0	0	0	0	0	0	0
CNIDARIA larve	0	0	0	0	0	0	0	0	0	0
CTENOPHORA larve	0	0	0	0	0	0	0	0	0	0
ECHINODERMATA larve	2	0	0	3	7	5	0	0	2	17
GASTROPODA larve	4	4	2	3	5	3	6	0	0	11
GASTROPODA OPISTHOBRANCHIA larve	4	2	0	0	5	8	10	5	2	0
GASTROPODA pteropoda	0	0	0	0	0	0	0	0	0	0
GLOBOTHALAMEA (Foraminiferi)	0	2	0	0	0	0	0	0	0	0
HYDROZOA	0	0	0	0	2	2	0	0	0	17
MALACOSTRACA decapoda larve	4	2	0	0	0	0	0	0	2	0
OSTEICHTHYES larve	0	0	0	0	0	0	0	0	0	0
OSTEICHTHYES uova	0	0	0	0	0	0	0	0	0	0
OSTRACODA	2	0	0	0	0	0	0	0	0	0
POLYCHAETA larve	0	0	0	0	0	0	0	0	0	0
RADIOLARIA	0	0	0	0	0	0	0	0	0	0
SIPUNCULA larve	0	0	0	0	0	0	0	0	0	0
SPIROTRICHEA Tintinnida	0	6	0	0	0	0	0	0	0	0
TALIACEA larve	0	0	0	0	2	0	0	0	0	0
TENTACULATA (Ctenophora) Cestidi ( <i>Cestum</i> sp.)	0	0	0	0	0	0	0	0	0	0
TUNICATA	0	0	0	0	0	0	0	0	0	6
<i>Evadne nordmanni</i>	0	0	0	0	0	0	0	0	0	0
<i>Evadne spinifera</i>	0	0	0	0	0	0	0	0	0	0
<i>Evadne</i> sp.	0	0	0	0	0	0	0	0	0	0
<i>Penilia avirostris</i>	0	0	2	8	4	0	0	0	0	0
<i>Podon intermedius</i>	0	4	0	0	7	0	3	0	0	6
<i>Podon polyphemoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Acartia adriatica</i>	0	0	0	0	0	0	0	0	0	0
<i>Acartia bifilosa</i>	0	0	0	0	2	0	0	0	0	0
<i>Acartia clausi</i>	0	0	13	42	0	0	0	3	0	17
<i>Acartia italica</i>	0	0	0	0	0	0	0	3	0	0
<i>Acartia longiremis</i>	4	0	13	8	0	0	0	0	0	6
<i>Acartia margalefi</i>	0	0	0	0	0	0	0	0	0	0

<i>Acartia negligens</i>	0	0	0	0	0	0	0	0	0	6
<i>Acartia</i> spp.	9	0	10	42	9	0	3	0	0	11
<i>Acartia teclae</i>	0	2	0	0	0	0	0	3	0	0
<i>Acartia tonsa</i>	2	0	4	0	0	2	0	0	0	0
<i>Calanus helgolandicus</i>	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus adriaticus</i>	0	0	0	0	4	0	0	0	0	0
<i>Calocalanus contractus</i>	4	2	0	0	2	6	0	0	0	0
<i>Calocalanus neptunus</i>	0	0	0	0	4	0	0	0	0	0
<i>Calocalanus pavo</i>	0	0	0	0	0	0	0	0	0	17
<i>Calocalanus</i> spp.	0	4	0	0	9	5	0	0	0	22
<i>Calocalanus styliremis</i>	0	0	0	0	0	0	0	0	0	0
<i>Centropages ponticus</i>	0	0	0	0	0	0	0	0	0	0
<i>Centropages</i> spp.	0	0	0	0	0	0	0	0	14	0
<i>Centropages typicus</i>	0	0	0	0	0	0	0	0	5	0
<i>Clausocalanus arcuicornis</i>	0	0	0	8	0	0	3	0	0	11
<i>Clausocalanus furcatus</i>	2	0	0	0	0	0	0	0	2	0
<i>Clausocalanus jobei</i>	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus lividus</i>	0	0	0	0	0	0	0	0	0	11
<i>Clausocalanus mastigophorus</i>	0	0	6	0	0	0	0	0	0	0
<i>Clausocalanus parapergens</i>	0	0	0	0	0	0	0	0	0	11
<i>Clausocalanus paululus</i>	0	0	0	0	0	0	0	0	0	11
<i>Clausocalanus pergens</i>	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus</i> spp.	5	4	0	0	0	0	6	0	5	50
<i>Clytemnestra</i> sp.	0	0	0	0	0	0	0	0	0	0
<i>copepodite Calanoide</i>	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus brehmi</i>	0	0	0	6	4	0	3	0	0	0
<i>Corycaeus flaccus</i>	0	4	0	0	0	0	0	0	0	0
<i>Corycaeus furcifer</i>	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus giesbrechti</i>	0	0	0	0	0	2	0	3	0	0
<i>Corycaeus limbatus</i>	0	0	0	3	5	2	0	0	0	0
<i>Corycaeus ovalis</i>	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus</i> spp.	0	2	0	0	0	5	0	0	0	0
<i>Ctenocalanus vanus</i>	0	0	0	0	0	0	0	0	0	0
<i>Eurytemora</i> sp.	0	0	0	0	0	0	0	0	0	0
<i>Eucheta acuta</i>	0	0	0	0	2	0	0	0	0	0
<i>Euterpina acutifrons</i>	0	0	0	14	2	0	3	3	16	11
<i>Farranula rostrata</i>	0	0	0	0	0	8	3	0	0	28
<i>Indeterminati</i>	0	0	0	0	0	0	0	0	0	0
<i>Isias clavipes</i>	0	0	0	0	0	0	0	0	0	0
<i>Isias</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Lubokia squillimana</i>	0	0	0	0	0	0	0	0	0	0
<i>Macrosetella gracilis</i>	0	0	0	0	0	0	0	0	0	0
<i>Mecynocera clausi</i>	0	0	0	0	0	0	0	0	0	0

<i>Mesocalanus tenuicornis</i>	0	0	0	0	0	0	0	0	0	0
Mesocalanus sp.	0	0	0	0	7	0	0	0	0	0
<i>Microsetella rosea</i>	0	0	0	0	4	0	0	0	0	0
<i>Nannocalanus minor</i>	0	0	0	0	4	0	0	0	0	0
<i>Oithona decipiens</i>	4	0	8	6	0	0	0	3	0	0
<i>Oithona longispina</i>	0	0	0	0	0	0	0	0	0	0
<i>Oithona nana</i>	5	0	0	3	0	0	0	3	2	17
<i>Oithona plumifera</i>	2	0	8	6	0	0	0	0	0	0
<i>Oithona similis</i>	4	4	6	17	0	2	3	15	2	17
Oithona spp.	0	0	0	0	0	0	0	0	0	0
<i>Oithona tenuis</i>	4	4	0	19	0	0	0	0	0	11
<i>Oncaea curta</i>	0	2	0	0	2	0	0	0	0	0
<i>Oncaea media</i>	0	0	0	6	2	0	0	0	0	0
<i>Oncaea mediterranea</i>	0	0	0	0	0	0	0	0	0	11
<i>Oncaea scottodicaloi</i>	0	0	0	0	0	0	0	0	0	0
Oncaea spp.	0	0	0	0	0	2	3	0	0	0
<i>Paracalanus denudatus</i>	0	4	0	0	9	0	3	3	0	28
<i>Paracalanus nanus</i>	0	0	4	0	5	3	3	3	0	22
<i>Paracalanus parvus</i>	5	0	0	0	0	0	0	0	0	11
Paracalanus spp.	0	2	0	11	0	0	0	0	11	0
<i>Pseudocalanus elongatus</i>	0	0	0	3	0	0	0	0	0	0
<i>Pontella mediterranea</i>	0	0	0	0	0	0	0	0	0	0
<i>Pteriacartia josephinae</i>	0	0	0	0	0	0	0	0	0	0
Saphirrina sp.	0	0	0	0	0	0	0	3	0	0
<i>Temora longicornis</i>	2	0	0	6	2	0	0	0	0	0
Temora spp.	0	0	0	0	0	0	0	0	0	0
<i>Temora stylifera</i>	0	0	0	0	0	0	3	0	2	0
<i>Vetтория parva</i>	0	0	0	0	0	0	0	0	0	28

	APRILE										
	A3	A4	B1	B2	B3	C1	C2	D1	F1	F2	N1
APPENDICULARIA <i>Oikopleura</i> spp.	0	21	2	10	34	0	8	6	0	23	9
ARTROPODA larve indeterminate	0	0	0	0	0	0	0	0	0	0	0
ASCIDIACEA larve	0	0	0	0	0	0	0	0	0	0	0
BIVALVIA larve	31	21	492	36	239	70	15	394	5	23	88
BRIOZOA larve	17	0	4	0	3	0	0	0	0	5	4
CHAETOGNATHA	0	7	2	0	7	0	0	1	0	0	0
CIRRIPEDIA larve	0	0	0	0	0	0	0	0	0	0	0
CNIDARIA larve	0	0	0	0	0	0	0	0	0	0	0
CTENOPHORA larve	0	0	0	0	0	0	0	0	5	0	0
ECHINODERMATA larve	0	7	0	10	3	0	8	0	0	0	2
GASTROPODA larve	0	14	10	5	2	0	15	1	0	14	0
GASTROPODA OPISTHOBRANCHIA larve	0	7	0	0	0	0	8	0	10	9	0
GASTROPODA pteropoda	0	0	0	0	0	0	0	0	0	0	0
GLOBOTHALAMEA (Foraminiferi)	0	0	0	0	3	0	8	0	5	0	0
HYDROZOA	14	0	0	0	3	0	8	0	0	0	0
MALACOSTRACA decapoda larve	0	0	0	10	7	2	0	6	5	23	2
OSTEICHTHYES larve	0	0	8	0	0	0	0	0	0	0	0
OSTEICHTHYES uova	0	0	0	0	2	0	0	0	0	0	4
OSTRACODA	0	0	0	0	0	0	0	0	0	0	0
POLYCHAETA larve	0	0	0	0	0	0	0	0	0	0	0
RADIOLARIA	24	0	0	0	0	2	0	1	0	0	2
SIPUNCULA larve	0	0	0	0	0	0	0	0	0	0	0
SPIROTRICHEA Tintinnida	0	0	0	0	0	0	0	0	0	0	0
TALIACEA larve	0	0	0	0	0	0	0	0	0	0	0
TENTACULATA (Ctenophora) Cestidi ( <i>Cestum</i> sp.)	0	0	0	0	0	0	0	0	0	0	0
TUNICATA	0	0	0	0	0	0	0	0	0	0	0
<i>Evadne nordmanni</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Evadne spinifera</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Evadne</i> sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Penilia avirostris</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Podon intermedius</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Podon polyphemoides</i>	0	0	0	0	2	0	0	0	10	0	0
<i>Acartia adriatica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia bifilosa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia clausi</i>	60	0	0	9	0	0	0	0	156	27	0
<i>Acartia italica</i>	0	0	0	0	0	0	0	0	0	18	0
<i>Acartia longiremis</i>	0	0	6	0	20	18	0	97	0	0	16
<i>Acartia margalefi</i>	0	0	0	0	5	0	0	11	0	9	0

<i>Acartia negligens</i>	10	0	0	0	0	0	0	0	0	0	0
<i>Acartia</i> spp.	0	0	0	0	5	0	0	0	49	0	0
<i>Acartia teclae</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia tonsa</i>	0	0	0	0	0	0	31	0	0	14	0
<i>Calanus helgolandicus</i>	0	0	0	0	5	0	0	0	0	0	0
<i>Calocalanus adriaticus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus contractus</i>	0	0	0	0	0	0	31	0	0	0	0
<i>Calocalanus neptunus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus pavo</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus</i> spp.	0	0	31	0	0	0	0	0	68	0	0
<i>Calocalanus styliremis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Centropages ponticus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Centropages</i> spp.	88	93	0	0	0	0	231	0	0	0	0
<i>Centropages typicus</i>	38	62	0	28	20	0	277	3	59	43	0
<i>Clausocalanus arcuicornis</i>	174	66	12	36	39	0	154	36	29	9	4
<i>Clausocalanus furcatus</i>	179	0	0	0	0	0	123	0	0	0	20
<i>Clausocalanus jobei</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus lividus</i>	0	0	0	0	0	0	192	0	0	0	0
<i>Clausocalanus mastigophorus</i>	0	0	0	0	5	0	31	0	0	0	0
<i>Clausocalanus parapergens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus paululus</i>	0	0	0	0	0	0	0	9	0	0	0
<i>Clausocalanus pergens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus</i> spp.	0	217	2	0	0	8	308	0	0	27	0
<i>Clytemnestra</i> sp.	0	0	0	0	0	0	0	0	10	0	0
<i>copepodite Calanoide</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus brehmi</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus flaccus</i>	0	0	0	3	0	0	0	0	0	0	0
<i>Corycaeus furcifer</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus giesbrechti</i>	0	28	0	0	0	0	0	0	0	0	0
<i>Corycaeus limbatus</i>	0	0	0	0	0	0	0	0	0	5	0
<i>Corycaeus ovalis</i>	0	31	0	0	0	0	0	0	0	0	0
<i>Corycaeus</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Ctenocalanus vanus</i>	0	0	0	0	0	2	0	14	0	0	0
<i>Eurytemora</i> sp.	102	279	0	0	0	0	0	0	20	0	0
<i>Eucheta acuta</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Euterpina acutifrons</i>	26	34	22	24	10	10	77	21	12	32	9
<i>Farranula rostrata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Indeterminati</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Isias clavipes</i>	0	0	4	24	75	2	0	30	154	70	7
<i>Isias</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Lubokia squillimana</i>	0	0	0	0	0	0	0	0	7	0	0
<i>Macrosetella gracilis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Mecynocera clausi</i>	0	0	0	0	0	0	0	0	0	0	0

<i>Mesocalanus tenuicornis</i>	0	0	0	0	0	0	0	0	0	0	0
Mesocalanus sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Microsetella rosea</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Nannocalanus minor</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oithona decipiens</i>	0	0	0	0	5	0	0	0	0	0	0
<i>Oithona longispina</i>	0	0	2	0	0	0	0	0	0	0	0
<i>Oithona nana</i>	67	66	10	43	15	8	46	6	71	55	7
<i>Oithona plumifera</i>	0	0	0	0	5	0	0	0	7	0	0
<i>Oithona similis</i>	98	59	0	14	10	8	0	0	51	23	0
Oithona spp.	0	0	0	0	0	0	0	0	0	16	0
<i>Oithona tenuis</i>	0	28	0	7	0	0	0	0	10	0	0
<i>Oncaea curta</i>	0	0	0	0	0	0	31	0	0	0	0
<i>Oncaea media</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oncaea mediterranea</i>	0	0	0	0	0	0	0	0	0	0	2
<i>Oncaea scottodicaloi</i>	0	0	0	0	0	0	0	0	0	0	0
Oncaea spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Paracalanus denudatus</i>	410	314	39	59	98	46	231	40	224	170	30
<i>Paracalanus nanus</i>	226	93	18	0	5	22	277	0	20	0	9
<i>Paracalanus parvus</i>	202	352	0	17	39	30	169	0	39	68	4
Paracalanus spp.	0	0	2	0	0	0	0	0	0	0	0
<i>Pseudocalanus elongatus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pontella mediterranea</i>	0	0	2	10	28	0	0	26	49	0	7
<i>Pteriacartia josephinae</i>	0	0	2	0	0	0	0	0	0	0	0
Saphirrina sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Temora longicornis</i>	0	0	0	0	0	0	169	3	10	36	0
Temora spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Temora stylifera</i>	0	21	0	0	0	0	0	0	0	0	0
<i>Vettoria parva</i>	0	0	0	0	0	0	0	0	0	0	0

	GIUGNO										
	A3	A4	B1	B2	B3	C1	C2	D1	F1	F2	N1
APPENDICULARIA <i>Oikopleura</i> spp.	11	4	27	72	10	5	3	2	4	3	8
ARTROPODA larve indeterminate	0	0	0	0	0	0	0	0	0	0	0
ASCIDIACEA larve	0	0	0	0	0	0	0	0	0	0	0
BIVALVIA larve	25	8	19	21	69	18	17	2	8	20	20
BRIOZOA larve	4	0	2	0	8	3	0	5	0	10	0
CHAETOGNATHA	4	4	0	0	3	0	0	2	2	3	0
CIRRIPEDIA larve	0	0	0	0	0	0	0	2	0	0	0
CNIDARIA larve	0	0	0	0	0	3	0	5	0	7	0
CTENOPHORA larve	0	0	0	0	0	0	0	0	0	0	0
ECHINODERMATA larve	4	0	2	0	8	0	3	0	0	0	0
GASTROPODA larve	364	300	88	55	231	368	172	124	25	630	16
GASTROPODA OPISTHOBRANCHIA larve	4	0	2	0	8	5	0	0	0	10	0
GASTROPODA pteropoda	25	4	13	14	21	5	3	0	2	7	0
GLOBOTHALAMEA (Foraminiferi)	71	38	15	24	423	21	11	10	6	37	8
HYDROZOA	0	0	0	0	0	0	0	0	0	0	0
MALACOSTRACA decapoda larve	0	4	0	7	8	0	0	2	0	3	0
OSTEICHTHYES larve	0	0	0	0	0	0	0	0	0	0	0
OSTEICHTHYES uova	11	8	4	14	3	0	6	5	2	13	12
OSTRACODA	7	4	0	0	0	0	0	0	0	0	0
POLYCHAETA larve	0	0	0	0	5	0	0	0	2	0	0
RADIOLARIA	0	0	0	3	3	0	0	0	0	0	0
SIPUNCULA larve	0	0	0	0	0	0	0	0	0	0	0
SPIROTRICHEA Tintinnida	0	0	0	0	0	0	0	0	0	3	0
TALIACEA larve	0	0	0	0	0	0	0	0	0	0	0
TENTACULATA (Ctenophora) Cestidi ( <i>Cestum</i> sp.)	0	0	0	0	8	0	0	0	0	0	0
TUNICATA	0	0	0	0	0	0	0	0	0	0	0
<i>Evadne nordmanni</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Evadne spinifera</i>	21	23	13	38	221	3	33	17	14	7	8
<i>Evadne</i> sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Penilia avirostris</i>	0	0	2	3	0	0	0	0	0	0	0
<i>Podon intermedius</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Podon polyphemoides</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia adriatica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia bifilosa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia clausi</i>	0	8	2	45	0	0	0	0	10	10	4
<i>Acartia italica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia longiremis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia margalefi</i>	0	0	0	21	0	0	0	0	0	0	0

<i>Acartia negligens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Acartia</i> spp.	0	0	0	0	0	3	0	0	0	0	0
<i>Acartia teclae</i>	0	0	0	0	0	0	0	2	0	0	0
<i>Acartia tonsa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calanus helgolandicus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus adriaticus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus contractus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus neptunus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus pavo</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Calocalanus styliremis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Centropages ponticus</i>	39	0	0	0	0	0	6	0	0	0	0
<i>Centropages</i> spp.	0	8	0	0	0	3	22	2	12	3	0
<i>Centropages typicus</i>	0	0	0	21	15	0	3	0	0	0	0
<i>Clausocalanus arcuicornis</i>	18	23	10	21	64	3	36	14	8	0	0
<i>Clausocalanus furcatus</i>	0	0	0	0	0	0	0	0	4	0	0
<i>Clausocalanus jobei</i>	0	0	0	0	0	0	0	0	4	0	0
<i>Clausocalanus lividus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus mastigophorus</i>	14	0	0	0	23	0	89	0	16	23	8
<i>Clausocalanus parapergens</i>	0	0	0	38	0	0	0	0	0	0	0
<i>Clausocalanus paululus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus pergens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Clausocalanus</i> spp.	0	8	0	31	0	0	0	0	0	0	4
<i>Clytemnestra</i> sp.	0	0	0	0	0	0	0	0	0	0	0
<i>copepodite Calanoide</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus brehmi</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus flaccus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus furcifer</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus giesbrechti</i>	0	0	0	0	0	0	0	0	0	3	0
<i>Corycaeus limbatus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus ovalis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Ctenocalanus vanus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Eurytemora</i> sp.	7	0	0	0	0	0	0	0	0	7	0
<i>Eucheta acuta</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Euterpina acutifrons</i>	11	0	2	0	5	0	3	0	0	0	8
<i>Farranula rostrata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Indeterminati</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Isias clavipes</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Isias</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Lubokia squillimana</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Macrosetella gracilis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Mecynocera clausi</i>	0	0	0	0	0	0	0	0	0	0	4

<i>Mesocalanus tenuicornis</i>	0	0	0	0	0	0	0	0	0	0	0
Mesocalanus sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Microsetella rosea</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Nannocalanus minor</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oithona decipiens</i>	0	0	2	0	0	0	0	0	0	0	0
<i>Oithona longispina</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oithona nana</i>	0	0	0	17	0	3	6	0	4	17	8
<i>Oithona plumifera</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oithona similis</i>	4	0	0	10	5	3	0	0	2	0	0
Oithona spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Oithona tenuis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oncaea curta</i>	0	0	0	0	3	0	0	0	0	0	0
<i>Oncaea media</i>	0	0	2	0	0	3	0	0	0	3	0
<i>Oncaea mediterranea</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oncaea scottodicarloi</i>	0	0	0	3	0	0	0	0	0	0	0
Oncaea spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Paracalanus denudatus</i>	43	8	2	59	54	3	22	0	31	10	8
<i>Paracalanus nanus</i>	21	12	0	45	118	0	39	5	16	0	0
<i>Paracalanus parvus</i>	25	0	17	45	141	16	44	2	51	7	4
Paracalanus spp.	0	0	0	7	0	0	0	7	8	0	0
<i>Pseudocalanus elongatus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pontella mediterranea</i>	14	0	0	0	0	0	6	0	0	7	0
<i>Pteriacartia josephinae</i>	0	0	0	0	0	0	0	0	0	0	0
Saphirrina sp.	0	0	0	0	0	0	0	0	0	0	0
<i>Temora longicornis</i>	0	0	0	21	0	0	0	0	0	0	0
Temora spp.	0	0	0	0	0	0	0	0	8	0	4
<i>Temora stylifera</i>	4	0	8	0	5	3	6	2	4	3	0
<i>Vettoria parva</i>	0	0	0	0	0	0	0	0	0	0	0

	AGOSTO							
	A3	A4	B2	B3	C1	C2	F1	N1
APPENDICULARIA	47	600	88	400	350	700	100	29
ARTROPODA larve indeterminate	7	0	0	0	0	0	0	6
ASCIDIACEA larve	0	0	0	0	0	0	0	0
BIVALVIA larve	7	33	0	0	0	33	25	0
BRIOZOA larve	0	0	0	0	0	0	0	0
CHAETOGNATHA	0	133	13	33	0	33	0	0
CIRRIPEDIA larve	0	0	0	0	0	0	25	0
CNIDARIA larve	0	0	0	0	0	0	0	0
CTENOPHORA larve	0	0	0	0	0	0	0	0
ECHINODERMATA larve	0	33	0	67	0	0	75	6
GASTROPODA larve	13	133	0	133	25	0	75	59
GASTROPODA OPISTHOBRANCHIA larve	0	0	0	0	0	0	0	0
GASTROPODA pteropoda	0	0	0	33	0	33	0	0
GLOBOTHALAMEA	200	33	0	33	0	133	100	12
HYDROZOA	13	33	0	0	50	133	0	0
MALACOSTRACA decapoda larve	0	0	0	33	0	0	0	12
MALACOSTRACA euphusiacea larve	0	0	0	0	0	0	0	6
MALACOSTRACA mysidacea larve	53	0	0	0	0	0	0	12
OSTEICHTHYES larve	0	0	0	33	0	0	0	0
OSTEICHTHYES uova	0	0	0	0	0	33	0	0
OSTRACODA	0	0	0	0	0	0	0	0
POLYCHAETA larve	7	0	0	0	25	0	0	0
RADIOLARIA	0	0	0	33	0	0	0	0
SIPUNCULA larve	0	0	0	0	0	0	0	0
SPIROTRICHEA Tintinnida	0	0	0	0	0	0	0	0
TALIACEA larve	0	0	0	0	0	0	0	0
TENTACULATA	0	0	0	0	0	0	0	0
TUNICATA	0	0	0	0	0	0	0	0
COPEPODA naupli	7	33	13	67	100	33	0	0
<i>Evadne nordmanni</i>	0	0	0	0	0	0	0	0
<i>Evadne spinifera</i>	0	233	25	67	0	67	0	0
<i>Evadne</i> sp.	0	0	0	0	0	0	0	0
<i>Evadne tergestina</i>	20	1833	88	567	275	11	750	106
<i>Penilia avirostris</i>	227	3400	475	3633	3250	2733	1250	224
<i>Podon intermedius</i>	0	0	0	0	0	0	0	0
<i>Podon polyphemoides</i>	0	1300	0	200	100	400	150	0
<i>Acartia adriatica</i>	0	0	0	0	0	0	0	0
<i>Acartia bifilosa</i>	0	0	0	0	0	0	0	59
<i>Acartia clausi</i>	93	467	175	1267	400	900	300	282

<i>Acartia italica</i>	40	0	0	0	0	0	0	18
<i>Acartia longiremis</i>	0	0	0	0	125	300	25	59
<i>Acartia margalefi</i>	0	0	0	0	0	0	0	0
<i>Acartia negligens</i>	0	0	0	0	0	0	0	0
<i>Acartia</i> spp.	0	267	0	0	0	0	0	88
<i>Acartia teclae</i>	0	0	0	0	0	0	0	0
<i>Acartia tonsa</i>	0	0	0	0	0	0	0	0
<i>Calanus helgolandicus</i>	0	0	0	0	0	0	0	0
<i>Calocalanus adriaticus</i>	0	0	0	0	0	0	0	0
<i>Calocalanus contractus</i>	0	0	0	0	0	33	0	0
<i>Calocalanus neptunus</i>	0	0	0	0	0	0	0	0
<i>Calocalanus pavo</i>	0	0	0	0	25	67	25	24
<i>Calocalanus</i> spp.	0	0	0	33	0	0	0	0
<i>Calocalanus styliremis</i>	0	0	0	0	0	0	0	0
<i>Centropages ponticus</i>	107	967	100	967	625	500	250	65
<i>Centropages</i> spp.	0	0	0	0	0	200	625	124
<i>Centropages typicus</i>	0	0	0	0	25	0	0	0
<i>Clausocalanus arcuicornis</i>	0	0	13	0	0	0	0	0
<i>Clausocalanus furcatus</i>	13	0	0	0	0	0	0	0
<i>Clausocalanus jobei</i>	0	0	0	0	0	0	0	0
<i>Clausocalanus lividus</i>	0	0	0	0	0	0	75	0
<i>Clausocalanus mastigophorus</i>	0	0	0	67	0	0	0	0
<i>Clausocalanus parapergens</i>	0	0	0	0	0	0	0	0
<i>Clausocalanus paululus</i>	0	0	0	0	0	0	0	0
<i>Clausocalanus pergens</i>	0	0	0	0	0	0	0	0
<i>Clausocalanus</i> spp.	0	0	0	0	0	167	0	0
<i>Clytemnestra</i> sp.	0	0	0	0	0	0	0	0
<i>copepodite Calanoide</i>	0	0	0	0	0	0	0	0
<i>Corycaeus brehmi</i>	0	0	0	0	0	0	0	0
<i>Corycaeus flaccus</i>	0	0	0	0	0	0	0	0
<i>Corycaeus furcifer</i>	0	0	0	0	0	0	0	0
<i>Corycaeus giesbrecchi</i>	0	0	0	0	0	0	0	6
<i>Corycaeus limbatus</i>	0	0	0	0	0	33	0	0
<i>Corycaeus ovalis</i>	0	0	0	0	0	0	0	0
<i>Corycaeus</i> spp.	0	0	0	33	0	0	0	6
<i>Ctenocalanus vanus</i>	0	0	0	0	0	200	0	0
<i>Eurytemora</i> sp.	0	0	0	0	0	0	0	0
<i>Eucheta acuta</i>	0	0	0	0	0	0	0	0
<i>Euterpina acutifrons</i>	7	33	0	0	0	33	0	0
<i>Farranula rostrata</i>	0	167	0	100	25	0	50	0
<i>Indeterminati</i>	0	0	0	0	0	0	0	0
<i>Isias clavipes</i>	60	933	75	1033	825	533	875	94
<i>Isias</i> spp.	0	0	0	0	0	0	0	0

<i>Lubokia squillimana</i>	0	0	0	0	0	0	0	0
<i>Macrosetella gracilis</i>	0	0	0	0	0	0	0	0
<i>Mecynocera clausi</i>	0	0	0	0	0	33	0	0
<i>Mesocalanus tenuicornis</i>	0	0	0	0	0	0	0	0
Mesocalanus sp.	0	0	0	0	0	0	0	0
Indeterminato	40	0	0	0	0	0	150	0
<i>Microsetella rosea</i>	0	0	0	0	0	0	0	0
<i>Nannocalanus minor</i>	0	0	0	0	0	0	0	0
<i>Oithona decipiens</i>	0	0	0	0	0	0	25	0
<i>Oithona longispina</i>	0	0	0	0	0	0	0	0
<i>Oithona nana</i>	0	0	0	0	0	0	50	12
<i>Oithona plumifera</i>	0	0	0	0	75	0	0	0
<i>Oithona setigera</i>	0	33	38	533	375	200	175	76
<i>Oithona similis</i>	0	0	0	0	0	0	0	0
Oithona spp.	0	0	0	0	0	0	100	0
<i>Oithona tenuis</i>	0	0	0	0	0	133	0	0
<i>Oncaea curta</i>	0	0	0	0	75	67	0	0
<i>Oncaea media</i>	13	133	0	0	0	100	100	41
<i>Oncaea mediterranea</i>	0	0	0	0	0	0	0	0
<i>Oncaea scottodicarloi</i>	0	233	0	0	0	0	0	0
Oncaea spp.	0	0	0	0	0	0	0	0
<i>Paracalanus denudatus</i>	40	1567	25	300	500	533	100	59
<i>Paracalanus nanus</i>	80	1567	63	767	750	600	200	6
<i>Paracalanus parvus</i>	93	833	63	1000	875	567	175	18
Paracalanus spp.	0	167	0	200	0	0	0	0
<i>Pseudocalanus elongatus</i>	13	0	0	0	0	0	0	0
<i>Pontella mediterranea</i>	0	0	0	400	0	67	0	0
<i>Pteriacartia josephinae</i>	0	0	0	0	0	0	0	0
Saphirrina sp.	0	0	0	0	0	0	0	0
<i>Temora longicornis</i>	0	0	0	0	0	0	0	0
Temora spp.	0	0	13	0	0	0	0	0
<i>Temora stylifera</i>	0	167	0	300	225	67	75	12
<i>Vetтория parva</i>	0	0	0	0	0	0	0	0

### **3. LISTA E DENSITÀ DELLE SPECIE DEL MACROBENTHOS RITROVATE NELLE STAZIONI DI CAMPIONAMENTO**

	Specie	R192			A1			D3			R014			B3			B4		
		R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3
P	<i>Ampharete acutifrons</i> (Grube, 1860)	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0
P	<i>Aphelochaeta filiformis</i> (Keferstein, 1862)	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
P	<i>Aphrodita aculeata</i> Linnaeus, 1758	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P	Capitellidae	13	30	1	4	3	3	15	5	15	0	2	0	0	0	0	0	0	0
P	<i>Chaetozone setosa</i> Malmgren, 1867	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
P	<i>Cirratulus cirratus</i> (O. F. Müller, 1776)	1	3	1	8	2	4	0	0	1	0	0	1	0	1	3	1	2	1
P	Chaetopteridae	1	2	0	1	0	2	0	0	0	0	0	0	0	0	0	1	1	0
P	<i>Ditrupa arietina</i> (O. F. Müller, 1776)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
P	<i>Drilonereis filum</i> (Claparède, 1868)	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0
P	Hesionidae	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P	Eunicidae	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
P	Glyceridae	2	1	1	1	0	1	1	0	1	1	1	1	0	0	0	0	0	0
P	<i>Hilbigneris gracilis</i> (Ehlers, 1868)	24	35	4	11	33	23	0	0	0	9	32	17	2	0	1	4	16	34
P	<i>Laonice foliata</i> (Moore, 1923)	1	0	0	8	6	6	0	0	0	43	54	42	69	44	39	8	1	1
P	<i>Lepidonotus clava</i> (Montagu, 1808)	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	1	1
P	<i>Lumbrineris latreilli</i> Audouin & Milne Edwards, 1834	3	4	0	2	4	0	1	0	2	4	0	0	0	0	0	0	0	0
P	<i>Lysidice unicornis</i> (Grube, 1840)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
P	<i>Lysidice ninetta</i> Audouin & H Milne Edwards, 1833	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
P	<i>Maldane sarsi</i> Malmgren, 1865	12	16	2	2	0	0	5	5	3	0	1	1	1	4	2	0	2	2
P	Magelonidae	5	0	0	4	8	11	0	0	0	1	1	4	2	0	0	1	2	1
P	<i>Marphysa bellii</i> (Audouin & Milne Edwards, 1833)	2	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
P	<i>Melinna cristata</i> (M. Sars, 1851)	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0
P	<i>Mysta picta</i> (Quatrefages, 1866)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
P	<i>Nephtys cirrosa</i> Ehlers, 1868	1	1	1	2	0	0	0	0	1	17	18	14	3	1	12	7	4	4
P	<i>Nothria conchylega</i> (Sars, 1835)	3	6	1	3	3	2	10	12	10	0	0	0	1	1	0	0	0	0
P	<i>Onuphis conchylega</i> Sars, 1835	0	0	0	0	0	0	0	0	0	3	6	1	0	0	0	0	0	0
P	Phyllodocidae	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P	Pectinoridae	2	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
P	Polinoidea	0	0	0	1	0	0	0	0	2	0	0	1	0	0	0	0	0	0

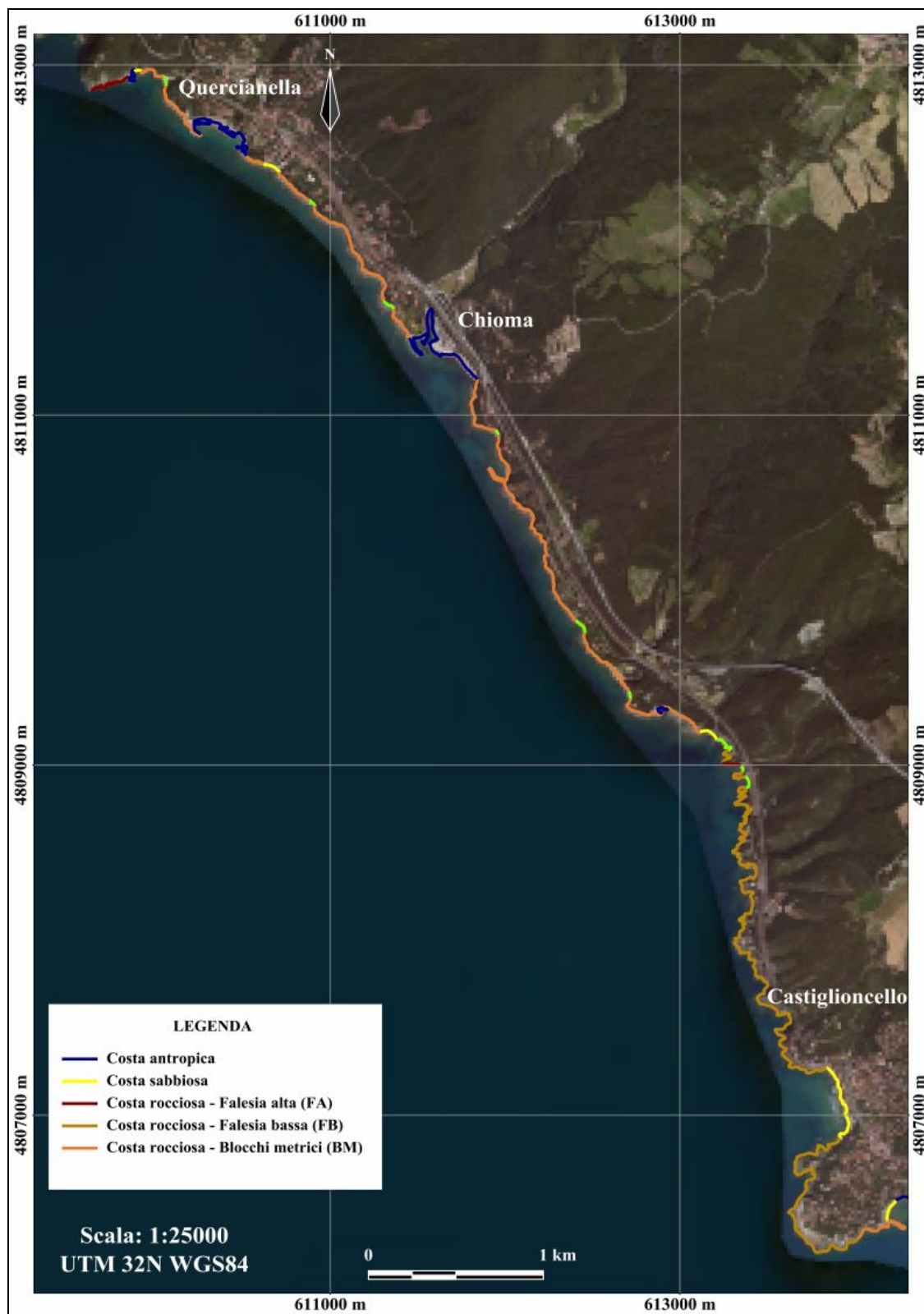
<b>P</b>	<i>Pterocirrus foliosus</i> (Treadwell, 1924)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<b>P</b>	<i>Syllis prolifera</i> Krohn, 1852	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P</b>	<i>Scalibregma inflatum</i> Rathke, 1843	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
<b>P</b>	<i>Scolecopsis (Scolecopsis)</i> <i>foliosa</i> (Audouin & Milne Edwards, 1833)	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0
<b>P</b>	<i>Scoletoma fragilis</i> (O.F. Müller, 1776)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P</b>	<i>Scoloplos normalis</i> (Day, 1977)	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0
<b>P</b>	Sipunculidae	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
<b>P</b>	Spionidae	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
<b>P</b>	<i>Sternaspis scutata</i> Ranzani, 1817	0	0	1	1	2	1	0	0	0	1	0	0	0	0	0	1	0
<b>P</b>	Terebellidae	4	4	0	1	0	0	1	0	2	0	0	0	1	1	0	1	1
<b>M</b>	<i>Acanthocardia aculeata</i> (Linnaeus, 1758)	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<b>M</b>	<i>Arca noae</i> Linnaeus, 1758	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>M</b>	<i>Brachidontes</i> sp Swainson, 1840	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<b>M</b>	<i>Cuspidaria rostrata</i> (Spengler, 1793)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>M</b>	<i>Corbula gibba</i> (Olivi, 1792)	1	3	7	0	0	1	7	2	2	4	0	1	2	0	1	0	0
<b>M</b>	<i>Dentalium</i> sp Linnaeus, 1758	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<b>M</b>	<i>Eulima</i> sp Risso, 1826	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<b>M</b>	<i>Hyalia vitrea</i> (Montagu, 1803)	2	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
<b>M</b>	<i>Bolinus brandaris</i> (Linnaeus, 1758)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<b>M</b>	<i>Naticarius</i> <i>stercusmuscarum</i> (Gmelin, 1791)	1	2	2	1	0	0	3	0	2	0	0	0	1	1	0	0	0
<b>M</b>	<i>Nuculana</i> sp Link, 1807	0	2	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<b>M</b>	<i>Nucula nucleus</i> (Linnaeus, 1758)	1	0	0	3	10	11	1	0	0	18	8	5	0	0	0	13	24
<b>M</b>	<i>Timoclea ovata</i> (Pennant, 1777)	18	7	8	0	0	0	13	3	4	0	0	0	1	0	0	0	0
<b>M</b>	<i>Venus casina</i> Linnaeus, 1758	5	1	2	0	1	0	2	1	2	1	0	0	0	1	0	0	1
<b>M</b>	<i>Tellina</i> sp Linnaeus, 1758	3	4	3	0	3	0	7	1	6	0	3	1	4	2	3	0	0
<b>E</b>	<i>Amphiura chiajei</i> Forbes, 1843	4	5	3	2	0	0	10	3	4	0	0	0	0	0	0	1	2
<b>E</b>	<i>Ophiura</i> sp Lamarck, 1801	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
<b>C</b>	<i>Apseudes spinosus</i>	2	1	0	7	7	0	0	1	0	7	9	14	19	9	11	3	5
<b>C</b>	<i>Apseudopsis acutifrons</i>	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>C</b>	<i>Ampelisca</i> sp.	0	0	0	0	1	5	0	0	0	1	0	0	0	0	1	0	2
<b>C</b>	<i>Ampelisca intermedia</i>	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0
<b>C</b>	<i>Ampelisca melitae</i>	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
<b>C</b>	<i>Aora gracilis</i>	0	0	1	0	0	0	0	0	0	0	0	2	6	12	0	0	0

C	<i>Leucothoe occulta</i>	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
C	<i>Monoculodes</i> sp.	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
C	<i>Harpinia antennaria</i>	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0
C	<i>Urothoe grimaldii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
C	<i>Urothoe elegans</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
C	<i>Gouretia denticulata</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
C	<i>Goneplax</i> sp.	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
C	<i>Ebalia</i> sp.	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
C	<i>Anapagurus</i> sp.	1	1	2	0	0	0	3	0	0	0	0	0	0	0	0	0
C	<i>Anapagurus bicorniger</i>	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
C	<i>Anapagurus laevis</i>	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	<i>Upogebia tipica</i>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
C	Diastylidae	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0
C	Lampropidae	2	0	0	2	0	1	0	0	0	0	1	1	1	4	0	2
C	Nannastacidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
C	Pseudocumatidae	0	0	0	0	1	1	0	0	0	0	0	0	0	3	0	1
C	Nannosquillidae	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
C	Harpacticoida	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
C	Mysida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

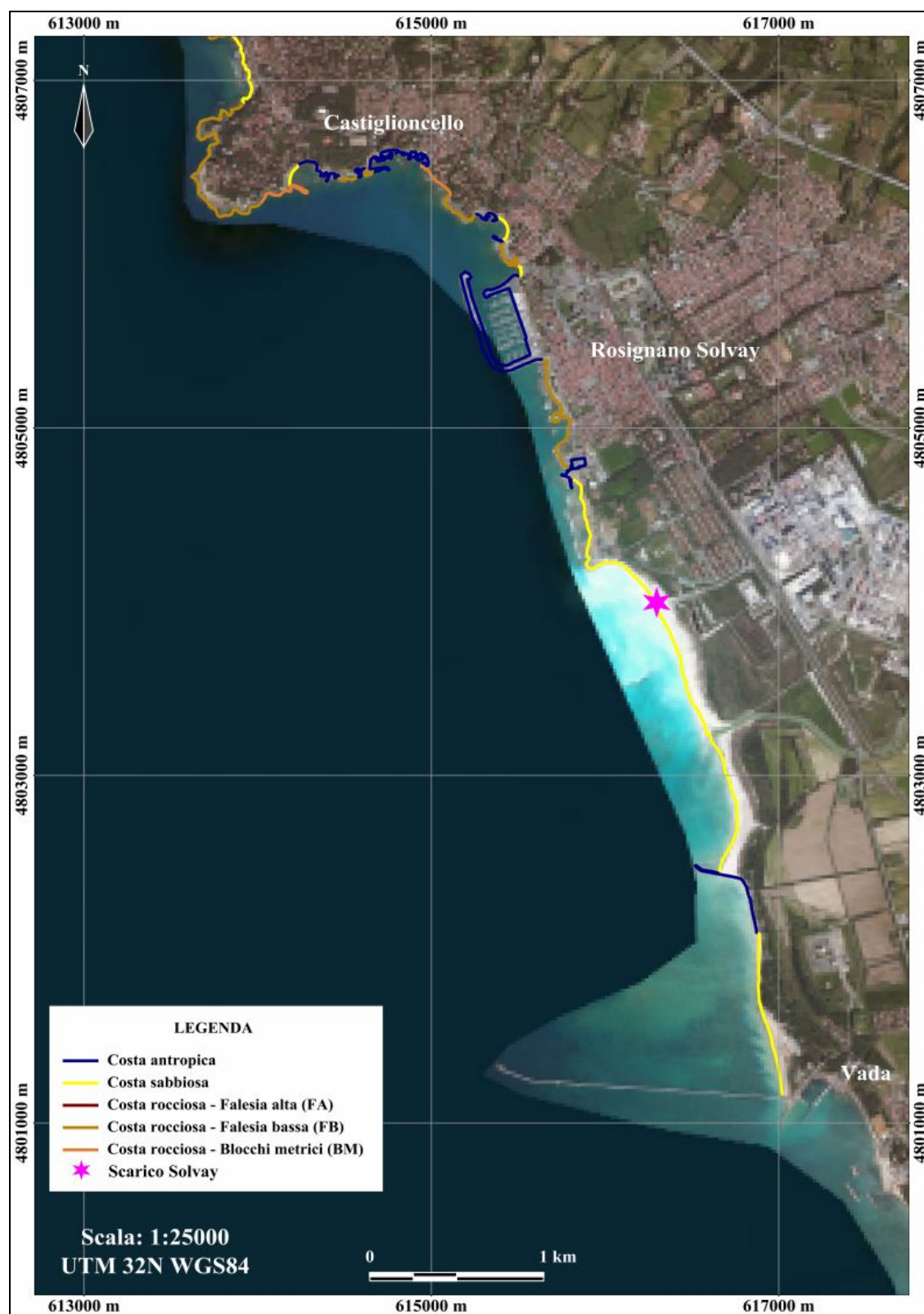
P=Policheti; M= Molluschi; E= Echinodermi; C= Crostcei

## **4. ANALISI DEI POPOLAMENTI BENTONICI: LE MACROALGHE (CARLIT)**

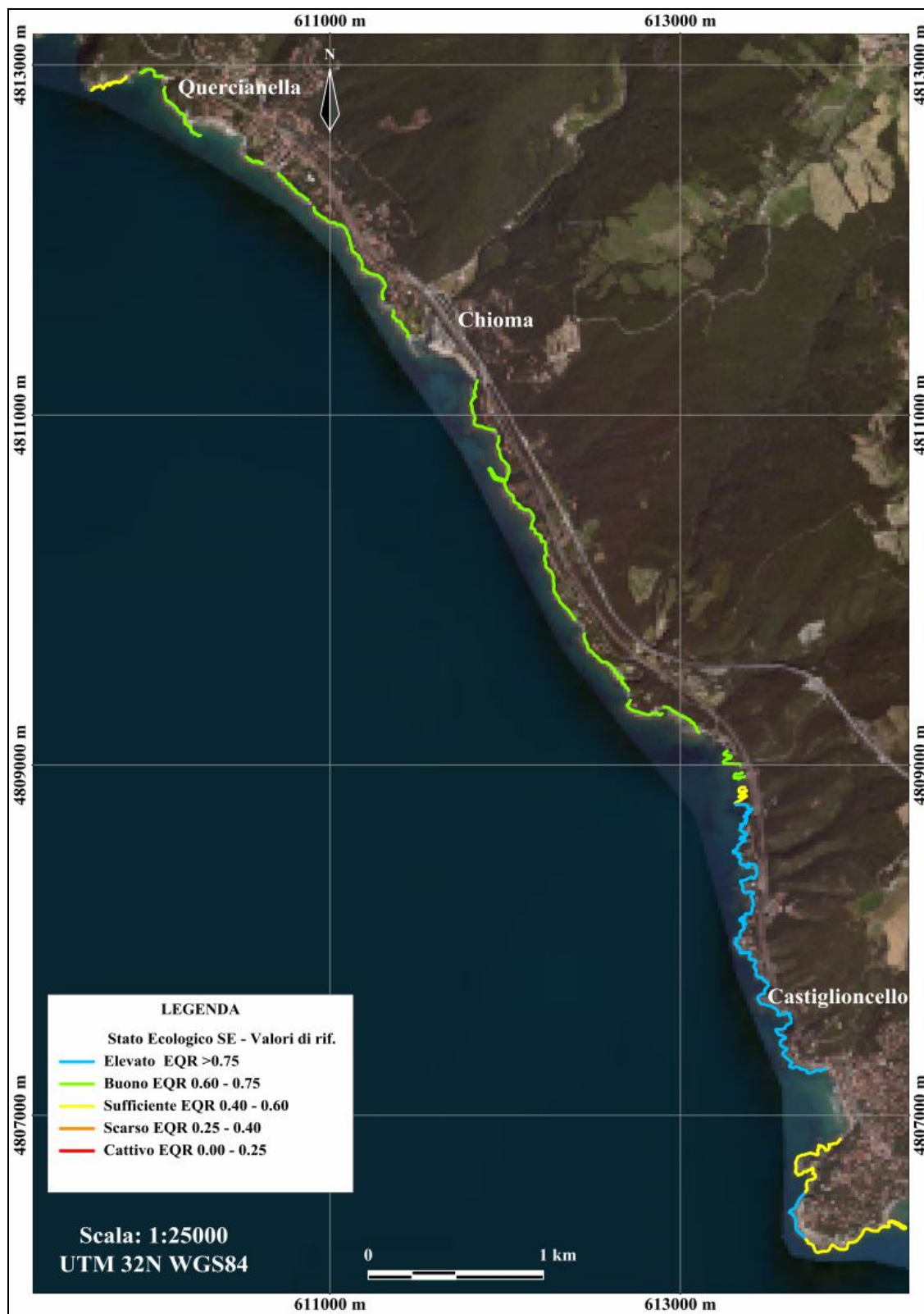
Punto inizio	Latit. N inizio	Long. E inizio	Punto fine	Latit. N fine	Long. E fine	Lungh. (m)	SGR	Comunità	Valori SL	EQV rif	EQV calc	EQR		Note
1	43°27.635	10°21.312	2	43°27.675	10°21.470	293	FA	Corallina, Dictyota, Jania	8+10	15,3	9	0,588235	Sufficiente	Assenza di Cystoseira
2	43°27.675	10°21.470	3	43°27.691	10°21.497	256	Artificiale con porticciolo							
3	43°27.691	10°21.497	4	43°27.690	10°21.524	45	Sabbia							
4	43°27.690	10°21.524	5	43°27.675	10°21.625	183	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Assenza di Cystoseira
5	43°27.675	10°21.625	6	43°27.643	10°21.631	62	Banquette							
6	43°27.643	10°21.631	7	43°27.560	10°21.691	201	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Assenza di Cystoseira
7	43°27.560	10°21.691	8	43°27.493	10°21.775	211	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Assenza di Cystoseira
8	43°27.493	10°21.775	9	43°27.425	10°21.967	1123	Artificiale con porticciolo							Foce di un torrente
9	43°27.425	10°21.967	10	43°27.399	10°22.041	132	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Assenza di Cystoseira
10	43°27.399	10°22.041	11	43°27.371	10°22.105	112	Sabbia							
11	43°27.371	10°22.105	12	43°27.284	10°22.230	259	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Assenza di Cystoseira
12	43°27.284	10°22.230	13	43°27.265	10°22.252	47	Banquette							
13	43°27.265	10°22.252	14	43°26.971	10°22.538	803	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Massi franati
14	43°26.971	10°22.538	15	43°26.944	10°22.580	80	Banquette							Su roccia e sabbia
15	43°26.944	10°22.580	16	43°26.854	10°22.644	214	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Massi franati
16	43°26.854	10°22.644	17	43°26.724	10°22.930	1283	Artificiale con porticciolo							
17	43°26.724	10°22.930	18	43°26.565	10°23.003	414	BM	Dictyota, Halopteris, Cladostephus	8+10	12,2	9	0,737705	Buono	Massi franati
18	43°26.565	10°23.003	19	43°26.550	10°23.016	35	Banquette							
19	43°26.550	10°23.016	20	43°25.973	10°23.328	1587	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Assenza di Cystoseira
20	43°25.973	10°23.328	21	43°25.935	10°23.368	94	Banquette							
21	43°25.935	10°23.368	22	43°25.752	10°23.550	478	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Scoglio isolato a Corallina, foce di un torrente
22	43°25.752	10°23.550	23	43°25.729	10°23.557	45	Banquette							
23	43°25.729	10°23.557	24	43°25.687	10°23.692	286	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Assenza di Cystoseira
24	43°25.687	10°23.692	25	43°25.703	10°23.690	137	Artificiale con porticciolo							
25	43°25.703	10°23.690	26	43°25.695	10°23.726	53	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Massi franati
26	43°25.695	10°23.726	27	43°25.622	10°23.848	237	BM	Corallina, Dictyota	8+10	12,2	9	0,737705	Buono	Transizione di substrato e massi franati
27	43°25.622	10°23.848	28	43°25.599	10°23.921	124	Sabbia							Foce di un torrente
28	43°25.599	10°23.921	29	43°25.565	10°23.968	148	Banquette							
29	43°25.565	10°23.968	30	43°25.527	10°23.940	160	FB	Corallina, Dictyota, Jania	8+10	16,6	9	0,542169	Sufficiente	Assenza di Cystoseira
30	43°25.527	10°23.940	31	43°25.519	10°24.020	112	FA	Corallina, Dictyota, Jania	8+10	15,3	9	0,588235	Sufficiente	Assenza di Cystoseira
31	43°25.519	10°24.020	32	43°25.498	10°24.028	43	Banquette							
32	43°25.498	10°24.028	33	43°25.484	10°24.038	155	FB	Corallina, Dictyota, Jania	8+10	16,6	9	0,542169	Sufficiente	Assenza di Cystoseira
33	43°25.484	10°24.038	34	43°25.449	10°24.038	86	Banquette							
34	43°25.449	10°24.038	35	43°25.399	10°23.989	301	FB	Lithothamnium, Corallina, Alghe calcaree incrostanti	8+6	16,6	7	0,421687	Sufficiente	Assenza di Cystoseira
35	43°25.399	10°23.989	36	43°25.336	10°24.008	338	FB	Cystoseira compressa, Corallina, Alghe calcaree incrostanti, Jania	12+8+6	16,6	13	0,783133	Elevato	Transizione popolamenti
36	43°25.336	10°24.008	37	43°25.234	10°24.013	376	FB	Lithophyllum, Cystoseira compressa, Corallina, Jania, Alghe calcaree incrostanti	12+8+6	16,6	13	0,783133	Elevato	
37	43°25.234	10°24.013	38	43°24.779	10°24.105	1508	FB	Lithophyllum, Cystoseira compressa, Corallina, Jania, Alghe calcaree incrostanti	12+8+6	16,6	13	0,783133	Elevato	Copertura e qualità aumentate
38	43°24.779	10°24.105	39	43°24.582	10°24.360	912	FB	Cystoseira compressa, Corallina, Jania, Alghe calcaree incrostanti	12+8+6	16,6	13	0,783133	Elevato	Copertura e qualità diminuita
39	43°24.582	10°24.360	40	43°24.361	10°24.416	399	Sabbia							
40	43°24.361	10°24.416	41	43°24.236	10°24.277	689	FB	Cystoseira compressa, Jania, Alghe calcaree incrostanti	12+8	16,6	9	0,542169	Sufficiente	Transizione geologica
41	43°24.236	10°24.277	42	43°24.195	10°24.257	88	FB	Alghe calcaree incrostanti, Corallina, Jania, Polysiphonia	6+8	16,6	7	0,421687	Sufficiente	
42	43°24.195	10°24.257	43	43°24.055	10°24.255	334	FB	Lithophyllum, Cystoseira compressa	12	16,6	12	0,722892	Elevato	Transizione di substrato, roccia calcarea
43	43°24.055	10°24.255	44	43°24.052	10°24.481	414	FB	Alghe calcaree incrostanti, Corallina, Jania, Polysiphonia	6+8	16,6	7	0,421687	Sufficiente	Qualità peggiorata
44	43°24.052	10°24.481	45	43°24.104	10°24.609	470	BM	Alghe calcaree incrostanti, Corallina, Jania, Polysiphonia	6+8	12,2	7	0,57377	Sufficiente	Blocchi calcarei in erosione
45	43°24.104	10°24.609	46	43°24.169	10°24.645	137	Sabbia							
46	43°24.169	10°24.645	47	43°24.127	10°24.816	525	Artificiale con porticciolo							
47	43°24.127	10°24.816	48	43°24.128	10°24.895	122	FB	Alghe calcaree incrostanti, Popolamenti a Cyanobacteria	6+1	16,6	3,5	0,210843	Cattivo	
48	43°24.128	10°24.895	49	43°24.151	10°24.931	184	Artificiale							
49	43°24.151	10°24.931	50	43°24.142	10°24.965	105	FB	Alghe calcaree incrostanti, Popolamenti a Cyanobacteria	6+1	16,6	3,5	0,210843	Cattivo	
50	43°24.142	10°24.965	51	43°24.164	10°25.172	1421	Artificiale con porticciolo							
51	43°24.164	10°25.172	52	43°24.062	10°25.289	264	BM	Alghe calcaree incrostanti, Popolamenti a Cyanobacteria	6+1	12,2	3,5	0,286885	Scarso	
52	43°24.062	10°25.289	53	43°24.004	10°25.397	310	FB	Alghe calcaree incrostanti, Popolamenti a Cyanobacteria	6+1	16,6	3,5	0,210843	Cattivo	
53	43°24.004	10°25.397	54	43°23.993	10°25.491	284	Artificiale con porticciolo							
54	43°23.993	10°25.491	55	43°23.921	10°25.510	175	Sabbia							
55	43°23.921	10°25.510	56	43°23.915	10°25.516	151	Artificiale con porticciolo							
56	43°23.915	10°25.516	57	43°23.844	10°25.574	337	FB	Alghe calcaree incrostanti, Popolamenti a Cyanobacteria	6+1	16,6	3,5	0,210843	Cattivo	
57	43°23.844	10°25.574	58	43°23.809	10°25.578	84	Sabbia							
58	43°23.809	10°25.578	59	43°23.547	10°25.672	2533	Artificiale, porto di Rosignano							
59	43°23.547	10°25.672	60	43°23.214	10°25.778	938	FB	Alghe calcaree incrostanti, Popolamenti a Cyanobacteria	6+1	16,6	3,5	0,210843	Cattivo	
60	43°23.214	10°25.778	61	43°23.176	10°25.793	531	Artificiale con porticciolo							
61	43°23.176	10°25.793	62	43°21.945	10°26.385	2803	Sabbia							
62	43°21.945	10°26.385	63	43°21.756	10°26.546	758	Artificiale							
63	43°21.756	10°26.546	64	43°21.251	10°26.641	958	Sabbia							



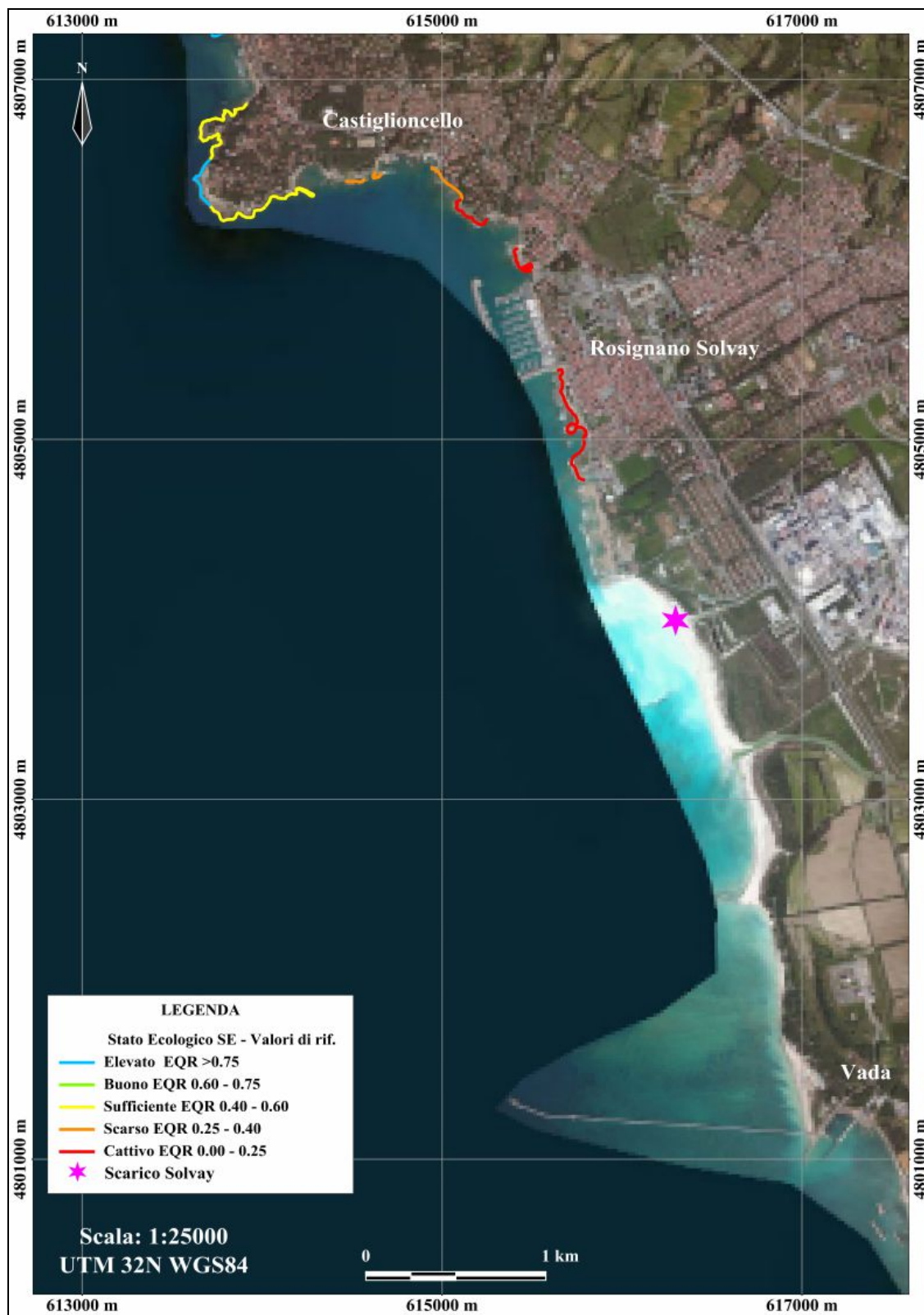
*Tipologie di costa e SGR nel tratto fra Quercianella e Castiglioncello.*



*Tipologie di costa e SGR nel tratto fra Castiglione della Pescaia e Vada.*

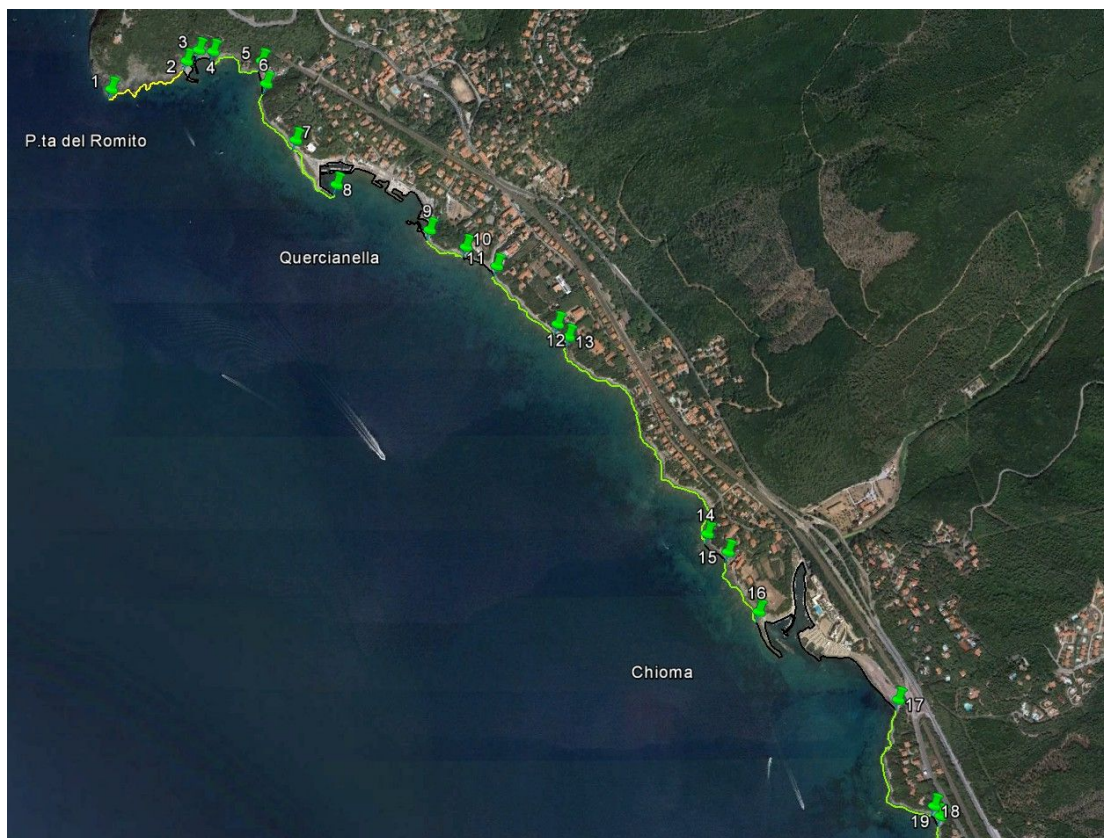


*Risultati dell'EQR CARLIT nel tratto fra Quercianella e Castiglioncello.*

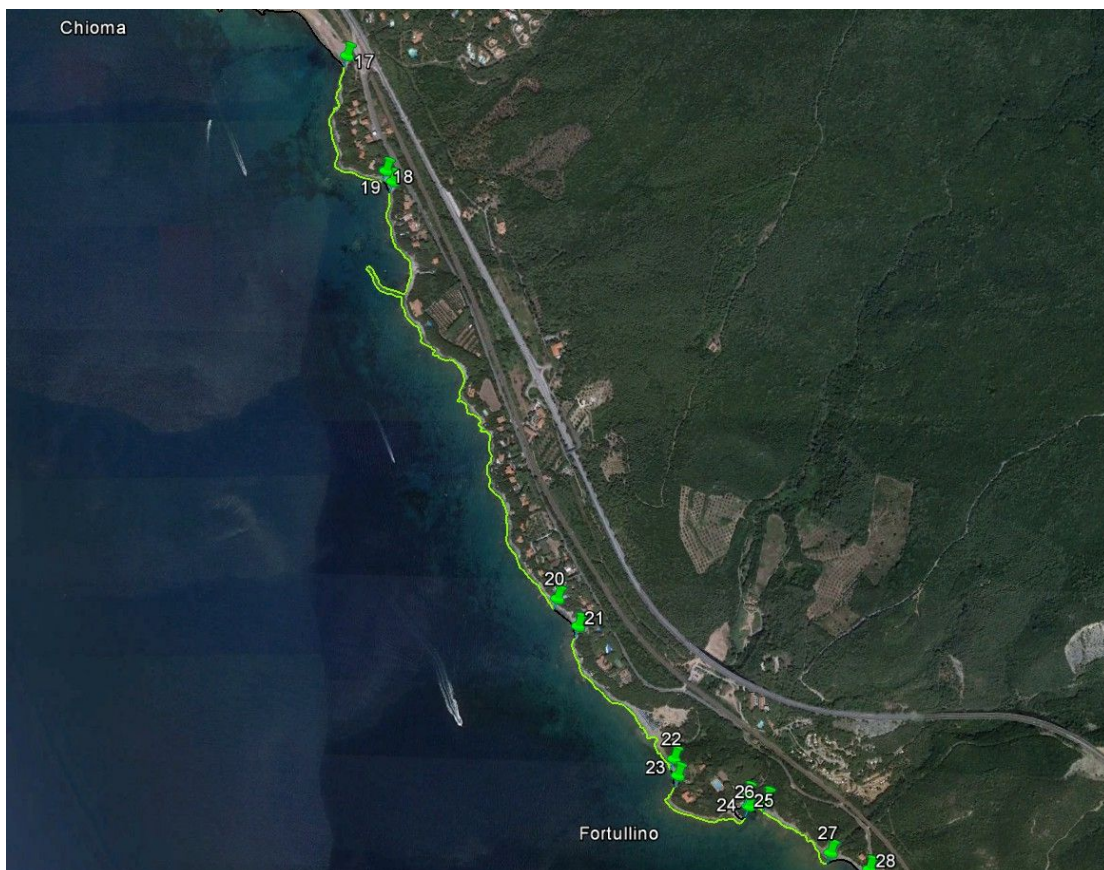


*Risultati dell'EQR CARLIT nel tratto fra Castiglioncello e Vada.*

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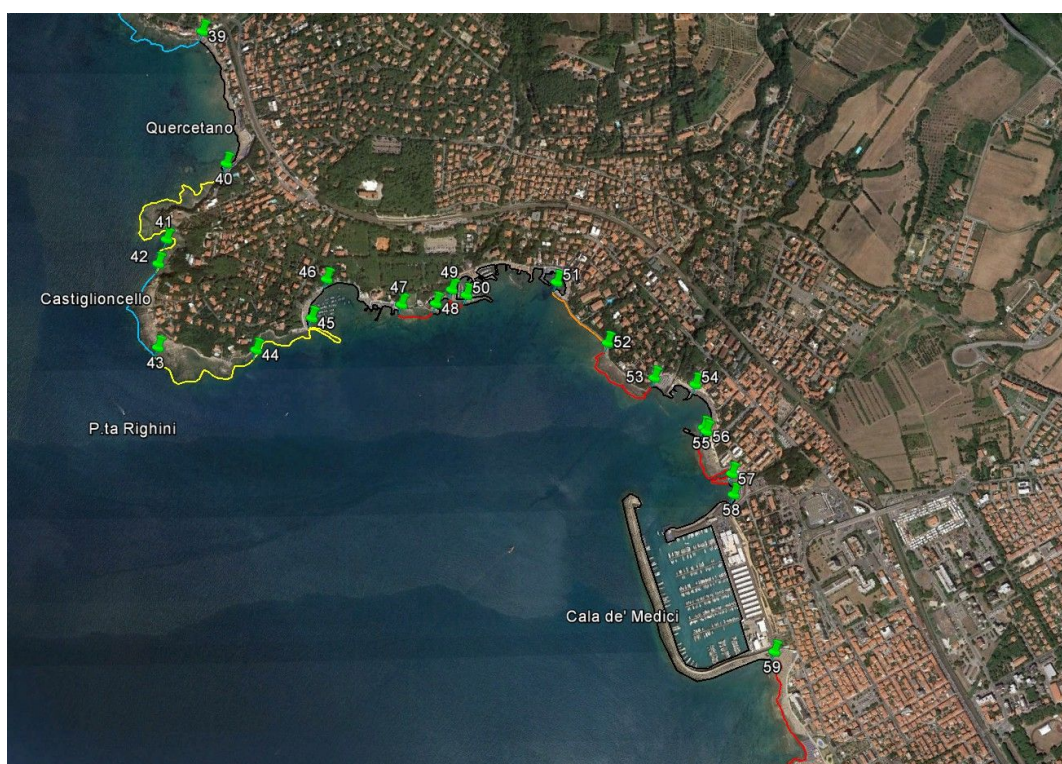
*Risultati dell'EQR CARLIT nel tratto fra P.ta del Romito e Chioma.*



*Risultati dell'EQR CARLIT nel tratto fra Chioma e Fortullino.*



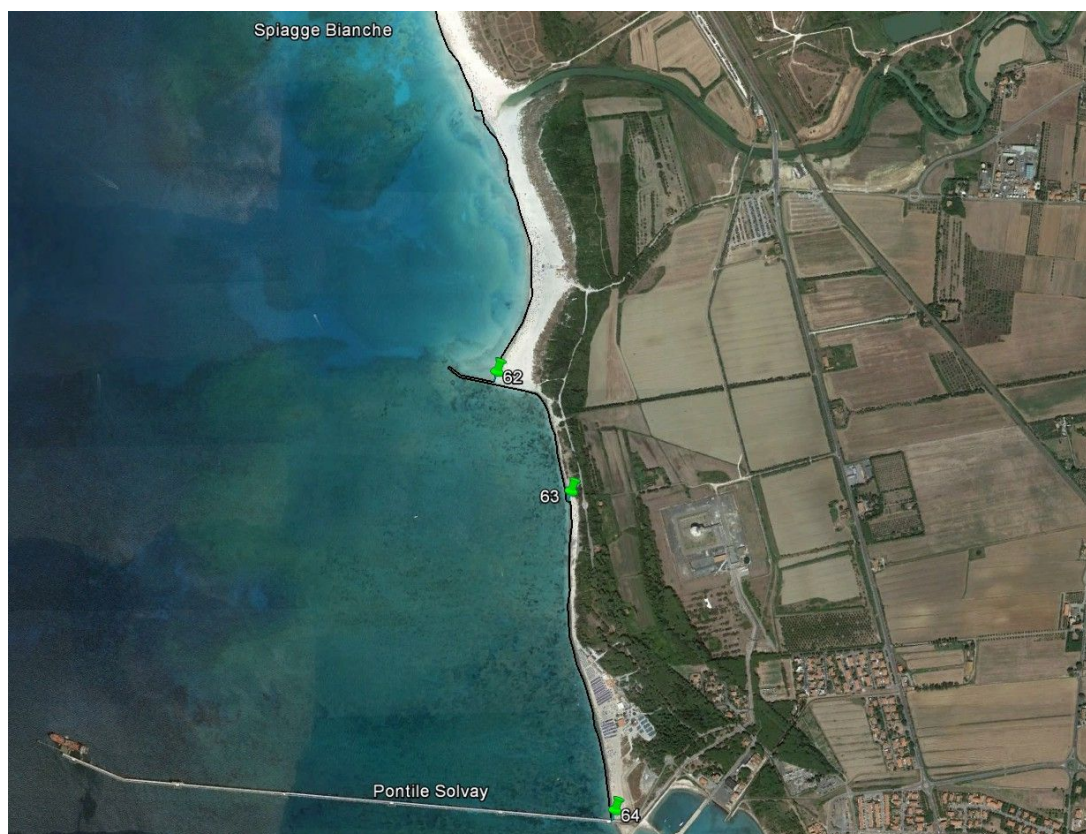
*Risultati dell'EQR CARLIT nel tratto fra Fortullino e Quercetano.*



*Risultati dell'EQR CARLIT nel tratto fra Quercetano e Cala de' Medici.*



*Risultati dell'EQR CARLIT nel tratto fra Cala de' Medici e Spiagge Bianche.*



*Risultati dell'EQR CARLIT nel tratto fra Spiagge Bianche e Pontile Solvay.*