



PORTI
di ROMA
e del LAZIO

AUTORITA' PORTUALE DI
CIVITAVECCHIA, FIUMICINO E GAETA

OPERE STRATEGICHE
PER IL PORTO DI CIVITAVECCHIA

1° LOTTO FUNZIONALE:
PROLUNGAMENTO ANTEMURALE C. COLOMBO
DARSENE SERVIZI E TRAGHETTI

PROGETTO DEFINITIVO

VERIFICA DI ATTUAZIONE

(ai sensi art. 185 comma 6 e 7 D.Lgs. 163 / 06)

DELLE PRESCRIZIONI CONTENUTE NEL PARERE DEL MINISTERO DELL'AMBIENTE E
DELLA TUTELA DEL TERRITORIO E DEL MARE

(prot.DSA_2006_0021173 del 08-08-2008)

ALL.6.9

TABELLE ORGANISMI
BENTONICI

Committente:

Autorità Portuale di Civitavecchia, Fiumicino e Gaeta

IL RESPONSABILE DEL PROCEDIMENTO

Dott. Ing. Maurizio Ievolella

IL DIRIGENTE DELL'UFFICIO AMBIENTE

Dott. Ing. Calogero G. Burgio



Prof. Marco Marcelli

COMMESSA		CATEGORIA	LIVELLO	REV	
9	3	M A	P E	ALL.6	0
	NOV/2011	0	PRIMA EMISSIONE		
Rif. Dis.	Data	Rev.	DESCRIZIONE		

	<i>Autonoe spiniventris</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Leptocheirus guttatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Leptocheirus mariae</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Leucothoe spinicarpa</i>	0	0	0	0	0	0	3	0	0	0	0
	<i>Liljeborgia dellavallei</i>	0	0	0	0	0	0	2	0	0	0	0
	<i>Lysianassa costae</i>	0	0	0	0	0	0	5	0	0	0	0
	<i>Lysianassa longicornis</i>	0	0	0	0	0	0	3	0	0	0	0
	<i>Lysianassa pilicornis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Maera grossimana</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Hamimaera hamigera</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Maera inaequipes</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Maera schmidtii</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Melita sp.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Microdeutopus algicola</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Microdeutopus chelifera</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Microdeutopus stationis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Orchomene humilis</i>	0	0	0	0	0	0	3	0	0	0	0
	<i>Photis longicaudata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Phtisica marina</i>	0	0	0	0	0	0	1	0	0	0	0
	<i>Pseudoprotella phasma</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Stenothoe monoculoides</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Urothoe pulchella</i>	0	0	0	0	0	0	0	0	0	0	0
DECAPODI	<i>Acanthonyx lunulatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Alpheus dentipes</i>	0	0	0	0	0	0	2	0	0	0	0
	<i>Alpheus glaber</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Anapagurus ind.</i>	0	1	0	0	0	0	0	0	0	0	0
	<i>Athanas nitescens</i>	0	0	0	0	2	0	3	0	0	0	0
	<i>Calcinus tubularis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Callianassa sp.</i>	0	1	0	0	0	0	3	0	0	0	1
	<i>Callianassidae ind.</i>	0	0	0	0	0	0	0	0	1	0	0
	<i>Clibanarius erythropus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Crangon crangon</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Diogenes pugilator</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Ethusa mascarone</i>	0	0	0	0	0	0	0	1	0	0	0
	<i>Goneplax rhomboides</i>	1	0	0	0	1	0	0	0	0	0	0

	<i>Clanculus cruciatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Columbella rustica</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Columbellidae gen. sp.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Corbula gibba</i>	0	0	1	9	0	0	0	8	3	0	2
	<i>Diodora gibberula</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Donax semistriatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Dosinia lupinus</i>	1	0	0	1	0	0	0	0	0	0	1
	<i>Euspira guillemini</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Lunatia macilenta</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Gastrochaena dubia</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Gouldia minima</i>	0	6	0	3	0	0	0	4	2	0	0
	<i>Gregariella petagna</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Hiatella arctica</i>	0	1	0	0	0	0	0	0	0	0	0
	<i>Hiatella rugosa</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Irus irus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Jujubinus exasperatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Jujubinus striatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Lima lima</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Limaria loscombi</i>	0	0	0	0	0	0	1	0	0	0	0
	<i>Lithophaga lithoph.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Loripes lacteus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Lucinella divaricata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Macoma cumana</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Mactra stultorum</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Muricopsis cristata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Musculus discors</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Kurtiella bidentata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Mysia undata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Mytilaster minimus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Nassarius incrassatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Nassarius mutabilis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Natica hebraea</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Nuculana commutata</i>	0	0	0	0	0	0	0	1	0	0	0
	<i>Nucula nitidosa</i>	0	0	0	0	1	0	0	0	0	0	0
	<i>Nucula nucleus</i>	0	2	0	0	0	0	0	2	2	0	1

	<i>Nucula sulcata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Nudibranchi</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Ostrea cfr edulis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Ostrea edulis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Ostrea capsa</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Parvicardium exiguum</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Patella caerulea</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Petricola lithophaga</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Pharus legumen</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Phaxas pellucidus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Pitar rudis</i>	0	0	0	0	0	0	0	3	0	0	0
	<i>Plagiocardium papillosum</i>	0	0	0	0	0	0	10	0	0	0	0
	<i>Rissoa similis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Scrobicularia plana</i>	0	0	0	0	0	1	0	0	0	0	0
	<i>Solenidae gen. sp.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Spisula subtruncata</i>	8	0	0	0	0	0	0	0	0	0	0
	<i>Striarca lactea</i>	0	0	0	0	0	41	0	0	0	0	0
	<i>Tellina balaustina</i>	0	1	0	0	0	0	0	1	0	0	0
	<i>Tellina distorta</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Tellina fabula</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Tellina nitida</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Tellina planata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Tellina pulchella</i>	2	0	0	0	0	0	0	0	0	0	0
	<i>Tellina serrata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Tellina tenuis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Thracia cfr villosiuscula</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Thracia corbuloides</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Thracia ind.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Thracia papyracea</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Turritella communis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Venus casina</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Vermetus sp.</i>	0	0	0	0	0	0	0	0	0	0	0
POLICHETI	<i>Ampharete acutifrons</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Amphicteis gunneri</i>	0	0	0	0	0	0	1	0	0	0	0
	<i>Amphictene auricoma</i>	0	0	0	0	0	0	3	0	0	0	0

	<i>Flabelligeridae ind.</i>	0	0	0	3	0	0	0	0	0	0	0
	<i>Glycera juv.</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Glycera unicornis</i>	0	0	0	2	0	0	0	0	1	0	0
	<i>Glycinde nordmanni</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Goniada ind.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Goniada maculata</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Goniada emerita</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis spongicola</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Harmothoe lunulata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Hesionidae ind.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Kefersteina cirrata</i>	0	0	0	0	0	0	2	0	0	0	0
	<i>Laeonereis glauca</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Laetmonice hystrix</i>	0	0	0	0	0	0	0	1	0	0	0
	<i>Lagis koreni</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Laonice cirrata</i>	0	0	0	0	0	0	0	0	1	0	0
	<i>Lepidastenia elegans</i>	0	0	0	0	0	0	1	0	0	0	0
	<i>Lepidonotus squamatus</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Lumbrineris coccinea</i>	0	0	0	0	0	0	2	0	0	0	0
	<i>Lumbrineris emand. Mabiti</i>	0	0	0	0	2	0	0	0	0	0	0
	<i>Lumbrineris funchalensis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Lumbrineris gracilis</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Lumbrineris ind.</i>	0	0	0	0	1	0	0	0	0	0	0
	<i>Lumbrineris juv.</i>	0	0	0	0	0	0	1	0	0	0	0
	<i>Lumbrineris latreilli</i>	0	0	0	17	1	0	0	0	0	0	0
	<i>Lysidice ninetta</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Malacoceros</i> cf: <i>Girardii</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Malacoceros girardii</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Maldanidae ind.</i>	0	0	0	0	0	3	0	0	0	0	0
	<i>Marphysa bellii</i>	0	0	0	0	1	1	0	0	0	0	0
	<i>Marphysa sanguinea</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Melinna palmata</i>	0	0	0	2	0	0	0	1	0	0	0
	<i>Nainereis laevigata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Nematonereis hebes</i>	0	0	0	0	0	0	2	1	2	0	0
	<i>Nephtys cirrosa</i>	0	0	0	4	0	0	0	1	0	0	0
	<i>Nephtys hombergi</i>	0	0	0	5	1	0	0	1	0	0	0

	<i>Sabellaria spinulosa</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Asclerocheilus intermedius</i>	0	0	0	0	0	0	2	0	0	0	0
	<i>Scoletepis ind.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Scoloplos armiger</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Serpula concharum</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Serpulidae ind.</i>	0	0	0	0	0	0	1	0	0	0	0
	<i>Serpulidae juv.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Sigalion mathildae</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Sige macroceros</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Sphaerosyllis hystrix</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Spio multioculata</i>	0	0	0	3	0	0	0	0	0	0	0
	<i>Spionidae ind.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Spionidae juv.</i>	0	0	0	1	0	0	0	0	0	0	0
	<i>Sternaspis scutata</i>	0	0	0	7	0	3	0	0	1	0	0
	<i>Sthenelais boa</i>	0	0	0	10	0	0	0	0	0	0	0
	<i>Syllides fulvus B.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis alternata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis armillaris</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis cfr. alternata</i>	0	0	0	0	0	0	1	0	0	0	0
	<i>Syllis cfr. columbretensis</i>	0	0	0	0	0	0	3	0	0	0	0
	<i>Syllis ferrani</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis garciai</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis gracilis</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis ind.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis krohni</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis lutea</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis prolifera</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis rosea</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis gerlachi</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis variegata</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Syllis westheidei</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Terebellides stroemi</i>	0	0	0	0	0	1	0	0	1	0	0
	<i>Terebellidae ind.</i>	0	0	0	0	1	0	2	0	0	0	0
	<i>Terebellidae juv.</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Tharyx marioni</i>	0	0	0	0	0	1	0	0	0	0	0

	<i>Tharyx multibranchiis</i>	0	0	0	0	1	0	0	0	0	0	0	0
	<i>Thelepus cincinnatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
	<i>Thelepus juv.</i>	0	0	0	0	0	0	0	0	0	0	0	0
	<i>Thelepus triserialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
	<i>Trypanosyllis zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
	<i>Vermiliopsis striaticeps</i>	0	0	0	0	0	0	0	0	0	0	0	0
	Totale individui	15	22	1	100	23	16	139	38	25	4	2	6
	Totale specie	7	13	1	32	17	9	34	16	17	4	1	5

	<i>Liocarcinus depurator</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilumnus hirtellus</i>	0	0	0	0	0	0	0	0	0	0
ECHINODERM I	<i>Phyllophorus urna</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thyone fusus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Trachythyone elongata</i>	0	2	0	0	0	0	0	0	0	0
	<i>Labidoplax digitata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten bispinosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten platyacanthus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten spinulosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura chiajei</i>	10	16	4	3	3	2	4	10	3	0
	<i>Amphiura filiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura grandisquama</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphipholis squamata</i>	0	0	1	0	0	0	0	4	0	0
	<i>Acrocnida brachiata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiactis balli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura grubei</i>	0	0	0	0	0	0	0	1	1	0
	<i>Ophiura texturata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinociamus pusillus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinocardium cordatum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Schizaster canaliferus</i>	0	0	0	0	1	0	0	0	0	0
	Totale individui	69	228	62	40	36	66	43	94	81	70
	Totale taxa	23	49	29	20	17	24	19	32	30	28
	Biocenosi	M	VTC	DC							
	Indice di diversità di Shannon	3.877	4.778	4.518	4.005	3.725	4.329	3.987	4.302	4.624	3.837
	Indice di equiripartizione di Pielou	0.857	0.851	0.930	0.927	0.911	0.944	0.939	0.860	0.942	0.798
	Indice di Ricchezza Specifica di Margaleff	3.602	6.128	4.703	3.570	3.095	3.805	3.317	4.730	4.574	4.405
	Indice di Dominanza di Simpson	0.106	0.054	0.054	0.078	0.096	0.060	0.072	0.077	0.048	0.137

	<i>Liocarcinus depurator</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilumnus hirtellus</i>	0	0	0	0	0	0	0	0	0	0
ECHINODERMI	<i>Phyllophorus urna</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thyone fusus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Trachythone elongata</i>	2	0	1	0	0	0	0	0	0	0
	<i>Labidoplax digitata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten bispinosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten platyacanthus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten spinulosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura chiajei</i>	5	14	5	6	5	3	4	0	0	0
	<i>Amphiura filiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura grandisquama</i>	0	0	0	0	0	0	0	0	1	0
	<i>Amphipholis squamata</i>	0	0	2	0	0	0	0	0	0	1
	<i>Acrocnida brachiata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiactis balli</i>	0	0	0	0	0	0	0	2	0	0
	<i>Ophiura grubei</i>	0	0	0	0	0	0	0	0	1	0
	<i>Ophiura texturata</i>	0	0	0	0	0	0	0	1	0	0
	<i>Echinociamus pusillus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinocardium cordatum</i>	0	0	0	0	0	0	0	1	4	0
	<i>Schizaster canaliferus</i>	0	0	0	0	0	0	0	0	0	0
	Totale individui	127	58	175	61	57	93	193	261	305	215
	Totale taxa	37	26	40	19	23	35	53	32	45	36
	Biocenosi	VTC	VTC	VTC	DC	M	VTC	VTC	SFBC	SFBC	M
	Indice di diversità di Shannon	4.689	4.135	4.637	3.586	4.008	4.543	4.973	3.303	3.651	4.274
	Indice di equiripartizione di Pielou	0.900	0.880	0.871	0.844	0.886	0.886	0.868	0.661	0.665	0.827
	Indice di Ricchezza Specifica di Margaleff	5.151	4.268	5.234	3.035	3.772	5.199	6.849	3.862	5.332	4.517
	Indice di Dominanza di Simpson	0.051	0.090	0.064	0.121	0.083	0.065	0.054	0.183	0.210	0.082

Tabella 2-c. Dati di abbondanza dei taxa campionati durante il *Monitoraggio dell'ambiente marino costiero tra Santa*

	<i>Liocarcinus depurator</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilumnus hirtellus</i>	0	0	0	0	0	0	0	0	0	0
ECHINODERMI	<i>Phyllophorus urna</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thyone fusus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Trachythyone elongata</i>	0	3	0	0	0	0	0	0	0	0
	<i>Labidoplax digitata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten bispinosus</i>	0	0	0	0	0	0	0	1	0	0
	<i>Astropecten platyacanthus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten spinulosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura chiajei</i>	6	3	6	12	5	4	51	11	11	7
	<i>Amphiura filiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura grandisquama</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphipholis squamata</i>	0	1	1	0	0	0	0	0	0	0
	<i>Acrocnida brachiata</i>	0	0	0	1	1	0	0	0	0	1
	<i>Ophiactis balli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura grubei</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura texturata</i>	0	0	0	0	2	0	0	0	0	0
	<i>Echinociamus pusillus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinocardium cordatum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Schizaster canaliferus</i>	0	0	0	0	0	0	0	0	0	0
	Totale individui	443	294	60	69	16	50	82	73	92	107
	Totale taxa	48	47	24	25	10	28	18	24	23	29
	Biocenosi	M	M	VTC	VTC	DC	DC	M	VTC	VTC	VTC
	Indice di diversità di Shannon	4.157	4.704	4.123	3.920	3.024	4.503	2.372	3.846	3.973	4.333
	Indice di equiripartizione di Pielou	0.744	0.847	0.899	0.844	0.910	0.937	0.569	0.839	0.878	0.892
	Indice di Ricchezza Specifica di Margaleff	5.346	5.610	3.894	3.929	2.250	4.784	2.674	3.716	3.372	4.153
	Indice di Dominanza di Simpson	0.107	0.057	0.076	0.102	0.156	0.054	0.400	0.098	0.081	0.069

	<i>Liocarcinus depurator</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilumnus hirtellus</i>	0	0	0	0	0	0	0	0	0	0
ECHINODERMI	<i>Phylloporus urna</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thyone fusus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Trachythone elongata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Labidoplax digitata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten bispinosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten platyacanthus</i>	0	0	1	0	0	3	0	0	0	0
	<i>Astropecten spinulosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura chiajei</i>	12	8	1	25	3	0	6	8	0	0
	<i>Amphiura filiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura grandisquama</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphipholis squamata</i>	0	0	1	0	0	2	0	0	0	0
	<i>Acrocnida brachiata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiactis balli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura grubei</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura texturata</i>	0	0	0	0	0	0	0	0	0	3
	<i>Echinociamus pusillus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinocardium cordatum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Schizaster canaliferus</i>	0	0	0	0	0	0	0	0	0	0
	Totale individui	84	52	39	135	47	76	71	80	49	102
	Totale taxa	30	25	17	33	23	32	34	31	23	33
	Biocenosi	VTC	VTC	M	M	M	M	VTC	VTC	M	M
	Indice di diversità di Shannon	4.368	4.166	3.723	4.175	4.293	4.370	4.778	4.452	4.231	4.082
	Indice di equiripartizione di Pielou	0.890	0.897	0.911	0.828	0.949	0.874	0.939	0.899	0.935	0.809
	Indice di Ricchezza Specifica di Margaleff	4.537	4.210	3.027	4.522	3.961	4.962	5.366	4.745	3.918	4.796
	Indice di Dominanza di Simpson	0.066	0.075	0.094	0.087	0.059	0.078	0.046	0.062	0.065	0.126

Tabella 2-e. Dati di abbondanza dei taxa campionati durante il *Monitoraggio dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia* realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia (B 41-B50)

CIVITAVECCHIA - RTI											
BENTHOS - FONDI MOBILI											
Stazione		B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
Taxa											
MOLLUSCHI	<i>Abra alba</i>	1	0	0	1	0	0	0	1	0	0
	<i>Abra nitida</i>	1	1	3	2	1	2	5	0	0	1
	<i>Anomia ephippium</i>	0	0	0	0	0	0	0	0	0	0
	<i>Acanthocardia echinata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Acanthocardia paucicostata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aglaja sp.</i>	2	0	0	0	0	0	0	0	0	0
	<i>Astarte fusca</i>	0	0	0	0	0	0	0	0	0	0
	<i>Bela nebula</i>	0	0	0	0	0	0	0	0	0	0
	<i>Calyptrea chinensis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Chamelea gallina</i>	0	0	0	0	0	0	0	0	0	0
	<i>Clausinella brogniarti</i>	0	0	0	0	0	0	0	0	0	0
	<i>Corbula gibba</i>	7	0	2	2	0	1	1	0	0	0
	<i>Cuspidaria rostrata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Cylichna cylindracea</i>	0	0	0	0	1	0	0	0	0	0
	<i>Antalis inaequicostata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Diplodonta brocchii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Dosinia lupinus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Eulima bilineata</i>	0	0	0	0	0	1	0	0	0	0
	<i>Epitonium commune</i>	0	0	0	0	0	0	0	0	0	0
	<i>Euparthenia humboldti</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gouldia minima</i>	0	0	0	0	0	0	0	0	0	0
	<i>Hiatella rugosa</i>	0	0	0	0	0	0	0	0	0	0
	<i>Hyalia vitrea</i>	0	0	0	0	0	0	0	0	0	0
	<i>Laevicardium crassum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Laona sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Loripes lacteus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Lucinella divaricata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Musculus discors</i>	0	0	0	0	0	0	0	0	0	0
	<i>Montacuta substriata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Myrtea spinifera</i>	0	0	0	0	0	1	0	0	0	0
	<i>Kurtiella bidentata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nassarius incrassatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nassarius reticulatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Natica stercusmuscarum</i>	0	0	0	0	0	0	1	0	0	0
	<i>Nucula nitidosa</i>	0	0	0	0	0	0	4	0	0	0
	<i>Nucula nucleus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nuculana pella</i>	0	0	0	0	0	0	0	0	0	0
	<i>Odostomia conoidea</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pandora pinna</i>	0	0	0	0	0	0	0	0	0	0
	<i>Parvicardium exiguum</i>	0	0	0	0	0	1	0	0	0	0

	<i>Fimbriosthenelais minor</i>	0	0	0	0	0	0	0	0	0	0
	<i>Kefersteina cirrata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiodromus flexuosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Podarkeopsis capensis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllidia armata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ancistrosyllis hamata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilargis verrucosa</i>	0	1	0	0	3	1	0	7	0	0
	<i>Sigambra tentaculata</i>	0	0	0	1	0	0	0	0	0	0
	<i>Exogone naidina</i>	0	0	0	0	0	0	0	0	0	0
	<i>Sphaerosyllis hystrix</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis garciai</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis hyalina</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Websterinereis glauca</i>	0	0	0	0	0	0	0	0	0	0
	<i>Neanthes sp.</i>	0	0	1	0	0	0	1	6	0	0
	<i>Glycera alba</i>	8	3	0	4	2	2	0	2	0	2
	<i>Glycera fallax</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera lapidum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera rouxi</i>	0	2	6	0	2	2	2	0	0	0
	<i>Glycera convoluta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera unicornis</i>	0	0	0	0	0	0	1	4	1	0
	<i>Glycinde nordmanni</i>	0	0	0	0	0	0	0	0	0	1
	<i>Goniada maculata</i>	0	0	0	0	0	1	2	0	1	0
	<i>Paralacydonia paradoxa</i>	0	0	3	0	1	1	12	22	6	0
	<i>Micronephthys stammeri</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nephtys hombergii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nephtys hystrix</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nephtys kersivalensis</i>	1	0	0	2	0	1	0	19	0	0
	<i>Nephtys incisa</i>	0	0	0	0	0	0	1	0	2	1
	<i>Chloeia venusta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aponuphis fauveli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aponuphis bilineata</i>	2	4	0	2	1	0	0	0	0	0
	<i>Hyalinoecia tubicola</i>	1	0	0	0	0	0	0	0	0	0
	<i>Nothria lepta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Eunice vittata</i>	0	1	0	0	0	0	0	0	0	0
	<i>Marphysa belli</i>	0	0	0	1	0	0	0	0	0	0
	<i>Nematonereis hebes</i>	0	0	0	0	0	0	0	0	0	0
	<i>Lumbrineris latreilli</i>	0	5	2	5	1	9	2	34	6	8
	<i>Scoletoma emandibulata mabiti</i>	0	0	2	0	1	12	5	12	5	0
	<i>Ninoe armoricana</i>	0	0	0	0	0	0	0	0	0	0
	<i>Arabella geniculata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Drilonereis filum</i>	0	0	2	0	1	0	3	0	1	0
	<i>Dorvillea rubrovittata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Schistomeringos rudolphii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Sternaspis scutata</i>	0	0	5	0	0	0	7	0	0	0
	<i>Owenia fusiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Galathowenia oculata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Brada villosa</i>	0	0	0	0	0	0	0	0	0	0
	<i>Diplocirrus glaucus</i>	0	0	0	0	1	0	0	3	0	0

	<i>Liocarcinus maculatus</i>	0	0	0	1	0	0	0	0	0	0
	<i>Liocarcinus depurator</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilumnus hirtellus</i>	0	0	0	0	0	0	0	0	0	0
ECHINODERMI	<i>Phyllophorus urna</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thyone fusus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Trachythyone elongata</i>	0	0	0	0	0	1	0	0	2	0
	<i>Labidoplax digitata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten bispinosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten platyacanthus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten spinulosus</i>	7	0	0	0	5	0	0	0	0	0
	<i>Amphiura chiajei</i>	0	5	2	2	3	7	3	3	4	0
	<i>Amphiura filiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura grandisquama</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphipholis squamata</i>	2	0	0	0	0	0	0	0	0	0
	<i>Acrocnida brachiata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiactis balli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura grubei</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura texturata</i>	0	0	0	2	0	0	0	0	0	0
	<i>Echinociamus pusillus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinocardium cordatum</i>	1	0	0	0	0	0	0	0	0	0
	<i>Schizaster canaliferus</i>	0	0	0	0	0	0	0	0	0	0
	Totale individui	114	56	64	68	59	92	120	253	73	35
	Totale taxa	32	27	24	26	28	32	35	34	24	18
	Biocenosi	M	VTC	VTC	M	M	VTC	VTC	VTC	VTC	VTC
	Indice di diversità di Shannon	4.063	4.443	4.144	4.004	4.226	4.230	4.486	4.299	4.187	3.793
	Indice di equiripartizione di Pielou	0.813	0.934	0.904	0.852	0.879	0.846	0.875	0.845	0.913	0.910
	Indice di Ricchezza Specifica di Margaleff	4.537	4.477	3.833	4.107	4.590	4.752	4.923	4.134	3.716	3.314
	Indice di Dominanza di Simpson	0.113	0.057	0.076	0.113	0.092	0.080	0.067	0.069	0.066	0.097

	<i>Fimbriosthenelais minor</i>	0	0	0	0	0	0	0	0	0	0
	<i>Kefersteina cirrata</i>	0	0	0	0	0	0	1	0	0	0
	<i>Ophiodromus flexuosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Podarkeopsis capensis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllidia armata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ancistrosyllis hamata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilargis verrucosa</i>	0	1	1	5	3	0	1	2	3	0
	<i>Sigambra tentaculata</i>	4	0	0	3	0	0	1	0	0	0
	<i>Exogone naidina</i>	0	0	0	0	0	0	0	0	0	0
	<i>Sphaerosyllis hystrix</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis garciai</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis hyalina</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Websterinereis glauca</i>	0	0	0	0	0	0	0	3	0	0
	<i>Neanthes sp.</i>	2	6	3	3	0	1	0	0	0	0
	<i>Glycera alba</i>	0	2	0	2	1	0	0	4	2	0
	<i>Glycera fallax</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera lapidum</i>	0	0	0	0	1	0	0	0	0	0
	<i>Glycera rouxi</i>	7	1	5	1	0	0	1	0	1	3
	<i>Glycera convoluta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera unicornis</i>	0	0	0	0	0	2	0	0	0	0
	<i>Glycinde nordmanni</i>	0	0	0	0	0	0	0	0	0	0
	<i>Goniada maculata</i>	0	0	0	3	3	0	0	0	0	0
	<i>Paralacydonia paradoxa</i>	11	30	8	26	17	18	2	2	0	2
	<i>Micronephthys stammeri</i>	0	0	0	1	0	0	0	0	0	0
	<i>Nephtys hombergii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nephtys hystrix</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nephtys kersivalensis</i>	0	0	0	2	3	0	5	1	2	0
	<i>Nephtys incisa</i>	3	0	1	0	2	1	2	0	1	3
	<i>Chloeia venusta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aponuphis fauveli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aponuphis bilineata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Hyalinoecia tubicola</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nothria lepta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Eunice vittata</i>	4	0	0	1	2	1	0	0	0	0
	<i>Marphysa belli</i>	0	0	1	0	0	0	0	0	0	0
	<i>Nematonereis hebes</i>	0	0	0	0	0	0	0	0	0	0
	<i>Lumbrineris latreilli</i>	3	14	22	2	5	0	10	62	35	4
	<i>Scoletoma emandibulata mabiti</i>	7	0	7	6	5	5	5	4	2	4
	<i>Ninoe armoricana</i>	0	0	0	0	0	1	0	0	0	0
	<i>Arabella geniculata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Drilonereis filum</i>	0	0	5	0	2	2	0	2	1	0
	<i>Dorvillea rubrovittata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Schistomeringos rudolphii</i>	6	0	0	0	0	0	0	0	0	0
	<i>Sternaspis scutata</i>	0	0	7	2	1	0	0	0	10	16
	<i>Owenia fusiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Galathowenia oculata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Brada villosa</i>	0	2	1	0	0	4	1	2	3	4
	<i>Diplocirrus glaucus</i>	0	1	5	4	0	1	0	0	0	0

	<i>Cheirocratus sundevalli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Elasmopus pectenicerus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Elasmopus rapax</i>	0	0	0	0	0	0	0	0	0	0
	<i>Elasmopus spp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gammarella fucicola</i>	0	0	0	0	0	0	0	0	0	0
	<i>Maera grossimana</i>	0	0	0	0	0	0	0	0	0	0
	<i>Maera pachytelson</i>	0	0	0	0	0	0	0	0	0	0
	<i>Maera schmdti</i>	0	0	0	0	0	0	0	0	0	0
	<i>Monoculodes carinatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Deflexilodes griseus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Periculodes longimanus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Synchelidium longidigitatum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Westwoodilla rectirostris</i>	0	1	0	1	0	3	0	1	0	0
	<i>Harpinia antennaria</i>	0	0	0	0	0	2	0	0	0	0
	<i>Harpinia crenulata</i>	0	2	0	0	0	1	0	2	3	4
	<i>Harpinia dellavallei</i>	0	0	0	0	0	0	0	0	0	0
	<i>Harpinia spp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Paraphoxus oculatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Bathyporeia guilliamsoniana</i>	0	0	0	0	0	0	0	0	0	0
	<i>Bathyporeia sophiae</i>	0	0	0	0	0	0	0	0	0	0
	<i>Urothoe pulchella</i>	0	0	0	0	0	0	0	0	0	0
	<i>Phtisica marina</i>	0	0	0	0	0	0	0	0	0	0
ISOPODI	<i>Eurydice truncata</i>	0	0	0	0	0	1	0	0	0	0
	<i>Natatolana borealis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Anthuridea gen. sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gnathia oxyuraea</i>	0	0	0	0	0	0	0	0	0	0
ANISOPODI	<i>Tuberaeus echinatus</i>	3	3	3	14	5	9	6	9	4	7
	<i>Apseudopsis acutifrons</i>	0	0	0	0	0	0	0	0	0	0
	<i>Apseudes holthuisi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Apseudes latreillii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Leptocheilia savignyi</i>	0	0	0	0	0	0	0	0	0	0
DECAPODI	<i>Alpheus glaber</i>	0	0	0	1	1	0	0	0	0	0
	<i>Athanas nitescens</i>	0	0	0	0	0	0	0	0	0	0
	<i>Philocheras fasciatus</i>	0	0	0	1	0	0	0	0	0	0
	<i>Processa edulis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Processa macrophthalma</i>	0	1	0	0	0	0	0	0	0	6
	<i>Hippolyte leptocerus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Galathea intermedia</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gurretia denticulata</i>	0	0	0	0	0	0	0	0	1	0
	<i>Upogebia tipica</i>	0	0	0	1	0	0	0	0	0	1
	<i>Necallianassa truncata</i>	0	1	0	0	0	0	0	0	0	0
	<i>Pagurus excavatus</i>	0	0	0	0	0	0	0	0	1	0
	<i>Anapagurus bicorniger</i>	2	0	0	1	0	0	0	0	0	0
	<i>Anapagurus laevis</i>	0	0	0	0	2	0	0	0	0	0
	<i>Pagurus anachoretus</i>	1	0	0	0	0	0	0	0	0	0
	<i>Ethusa mascarone</i>	0	0	0	0	0	0	0	0	0	0
	<i>Medorippe lanata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ebalia deshayesi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Goneplax rhomboides</i>	0	0	0	0	0	0	1	0	0	0

	<i>Liocarcinus maculatus</i>	2	0	0	0	0	0	0	0	0	0
	<i>Liocarcinus depurator</i>	0	0	0	0	0	0	1	0	0	0
	<i>Pilumnus hirtellus</i>	1	0	0	0	0	0	0	0	0	0
ECHINODERMI	<i>Phylloporus urna</i>	0	2	0	0	0	0	0	0	0	0
	<i>Thyone fusus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Trachythyone elongata</i>	0	0	0	2	0	0	0	1	0	0
	<i>Labidoplax digitata</i>	0	0	4	0	0	0	0	0	0	0
	<i>Astropecten bispinosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten platyacanthus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten spinulosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura chiajei</i>	5	7	16	30	3	7	3	9	3	2
	<i>Amphiura filiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura grandisquama</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphipholis squamata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Acrocnida brachiata</i>	1	0	0	0	0	2	0	0	0	0
	<i>Ophiactis balli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura grubei</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura texturata</i>	2	0	0	0	0	0	0	0	0	0
	<i>Echinociamus pusillus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinocardium cordatum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Schizaster canaliferus</i>	0	1	0	0	0	0	0	0	0	0
	Totale individui	109	198	169	229	133	108	93	172	123	78
	Totale taxa	34	41	40	45	38	42	36	36	34	23
	Biocenosi	M	VTC								
	Indice di diversità di Shannon	4.637	4.148	4.660	4.128	4.558	4.728	4.573	3.952	4.082	4.083
	Indice di equiripartizione di Pielou	0.911	0.774	0.876	0.752	0.868	0.877	0.885	0.764	0.802	0.903
	Indice di Ricchezza Specifica di Margaleff	4.876	5.243	5.270	5.613	5.244	6.070	5.352	4.713	4.753	3.500
	Indice di Dominanza di Simpson	0.052	0.098	0.057	0.111	0.070	0.059	0.060	0.150	0.115	0.081

	<i>Parvicardium minimum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Parvicardium pinnulatum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Parvicardium scabrum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Payraudeautia intricata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Peringiella sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Phaxas adriaticus</i>	1	0	1	2	0	1	0	0	0	2
	<i>Pisinna glabrata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Philine quadripartita</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pitar rudis</i>	0	0	0	0	0	0	1	0	0	0
	<i>Plagiocardium papillosum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Euspira pulchella</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gari costulata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gari depressa</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ringicula conformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Mangelia costulata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Spisula subtruncata</i>	0	0	0	0	0	0	44	0	0	0
	<i>Tectonatica sagraiana</i>	0	0	0	0	0	0	0	0	0	0
	<i>Tellinya ferruginosa</i>	1	0	0	1	0	0	0	0	0	0
	<i>Tellina compressa</i>	0	0	0	0	0	0	0	0	0	0
	<i>Tellina donacina</i>	1	0	0	0	1	0	19	5	1	2
	<i>Tellina fabula</i>	0	0	0	0	0	0	0	0	0	0
	<i>Tellina nitida</i>	0	0	0	0	0	0	0	0	0	0
	<i>Tellina serrata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Tellina tenuis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thyasira flexuosa</i>	14	2	1	2	1	2	6	3	4	1
	<i>Thracia convexa</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thracia papyracea</i>	0	0	0	0	0	0	0	0	0	0
	<i>Timoclea ovata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Turritella communis</i>	45	1	2	10	40	0	0	3	2	14
	<i>Vexillum ebenus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Weinkauffia turgidula</i>	0	0	0	0	0	0	0	0	0	0
POLICHETI	<i>Phylo ligustica</i>	0	0	0	0	0	0	0	0	0	0
	<i>Scolaricia typica</i>	0	0	0	0	0	0	0	0	0	0
	<i>Scoloplos sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aricidea assimilis</i>	0	1	1	0	0	0	2	1	3	1
	<i>Acmira cerrutii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aricidea fragilis mediterranea</i>	3	0	0	0	0	0	5	0	0	0
	<i>Cirrophorus branchiatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Levinsenia gracilis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Paradoneis lyra</i>	0	0	0	0	0	0	0	0	0	0
	<i>Cossura soyeri</i>	3	2	0	0	0	0	1	0	1	0
	<i>Aonides oxycephala</i>	0	0	0	0	0	0	0	0	0	0
	<i>Laonice cirrata</i>	2	1	6	6	1	3	7	0	2	2
	<i>Malacoceros fuliginosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Paraprionospio pinnata</i>	0	0	3	2	5	7	0	0	0	1
	<i>Dipolydora coeca</i>	0	0	0	0	0	0	0	0	0	0
	<i>Prionospio caspersi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Prionospio ehlersi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Prionospio fallax</i>	0	0	0	0	0	0	1	0	0	0

	<i>Prionospio steenstrupi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Prionospio multibranchiata</i>	3	1	0	0	0	0	0	1	2	2
	<i>Pseudopolydora antennata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Spio decoratus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Spio multioculata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Scolecopsis tridentata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Spiophanes bombyx</i>	0	0	0	0	0	0	0	0	0	0
	<i>Spiophanes reyssi</i>	2	1	1	0	0	0	2	0	0	0
	<i>Magelona mirabilis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Magelona alleni</i>	0	2	1	0	0	0	0	0	0	0
	<i>Magelona minuta</i>	0	0	0	0	0	0	0	0	3	0
	<i>Poecilochaetus fauchaldi</i>	1	1	2	2	0	4	0	0	0	1
	<i>Mesochaetopterus sagittarius</i>	0	0	0	0	0	0	0	0	0	0
	<i>Spiochaetopterus costarum</i>	0	1	0	0	0	0	0	0	0	0
	<i>Aphelochaeta marioni</i>	0	0	2	0	0	0	1	0	0	0
	<i>Aphelochaeta sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Chaetozone spp.</i>	1	0	0	0	0	0	3	0	0	0
	<i>Cirratulus sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Monticellina dorsobranchialis</i>	4	6	1	1	0	0	1	0	0	1
	<i>Capitella capitata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Heteromastus filiformis</i>	0	0	2	0	0	0	1	0	0	0
	<i>Notomastus aberans</i>	9	2	0	1	0	1	20	4	16	0
	<i>Notomastus latericeus</i>	0	0	0	0	1	0	0	0	1	2
	<i>Pseudoleiocardia fauveli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Axiotella constricta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Euclymene sp.</i>	0	0	2	0	0	0	3	0	0	0
	<i>Leiochone leiopygos</i>	0	2	0	1	0	0	0	1	0	0
	<i>Maldane glebifex</i>	0	0	0	0	0	0	0	0	0	0
	<i>Metasychis gotoi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nichomache sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Praxillella gracilis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Praxillella sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophelia sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Phyllodoce lineata</i>	0	0	0	0	0	0	1	0	0	0
	<i>Phyllodoce mucosa</i>	0	0	0	0	0	0	0	0	0	0
	<i>Phyllodoce sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Eteone picta</i>	0	0	0	0	0	0	1	0	0	0
	<i>Eumida sanguinea</i>	0	0	0	0	0	0	0	0	0	0
	<i>Laetmonice hystrix</i>	0	0	0	0	0	0	0	0	0	0
	<i>Harmothoe antilopes</i>	0	0	0	0	1	0	0	0	0	0
	<i>Lepidasthenia elegans</i>	0	0	0	0	0	0	0	0	0	0
	<i>Malmgreniella castanea</i>	0	0	0	0	0	0	0	0	0	0
	<i>Malmgreniella lilianae</i>	0	0	0	0	0	0	0	0	0	0
	<i>Malmgreniella ljunmani</i>	0	0	0	0	0	0	0	0	0	0
	<i>Malmgreniella lunulata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Malmgreniella polypapillata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pelogenia arenosa</i>	0	0	0	0	0	0	0	0	0	0
	<i>Sigalion mathildae</i>	0	0	0	0	0	0	0	0	0	0
	<i>Sthenelais boa</i>	0	0	0	0	0	0	1	0	0	0

	<i>Fimbriosthenelais minor</i>	0	0	0	0	0	0	0	0	0	0
	<i>Kefersteina cirrata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiodromus flexuosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Podarkeopsis capensis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllidia armata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ancistrosyllis hamata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilargis verrucosa</i>	3	0	0	1	0	1	0	1	0	3
	<i>Sigambra tentaculata</i>	0	0	0	0	0	0	2	0	3	0
	<i>Exogone naidina</i>	0	0	0	0	0	0	0	0	0	0
	<i>Sphaerosyllis hystrix</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis garciai</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis hyalina</i>	0	0	0	0	0	0	0	0	0	0
	<i>Syllis sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Websterinereis glauca</i>	0	0	0	0	0	0	0	0	0	0
	<i>Neanthes sp.</i>	0	0	0	0	0	1	1	1	0	1
	<i>Glycera alba</i>	4	4	0	1	0	0	4	0	0	0
	<i>Glycera fallax</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera lapidum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera rouxi</i>	0	2	0	0	1	1	2	1	2	2
	<i>Glycera convoluta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Glycera unicornis</i>	1	1	4	0	0	0	2	1	1	0
	<i>Glycinde nordmanni</i>	0	0	0	1	0	0	0	0	0	0
	<i>Goniada maculata</i>	0	0	2	0	0	0	2	0	0	0
	<i>Paralacydonia paradoxa</i>	11	1	1	2	3	1	2	0	5	7
	<i>Micronephthys stammeri</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nephtys hombergii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nephtys hystrix</i>	0	0	0	0	0	0	0	0	0	1
	<i>Nephtys kersivalensis</i>	0	0	0	0	0	0	9	1	1	0
	<i>Nephtys incisa</i>	7	0	1	0	1	0	4	9	2	0
	<i>Chloeia venusta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aponuphis fauveli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Aponuphis bilineata</i>	1	0	0	0	0	0	3	0	0	0
	<i>Hyalinoecia tubicola</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nothria lepta</i>	0	0	0	0	0	0	0	0	0	0
	<i>Eunice vittata</i>	0	0	0	0	0	0	1	0	0	0
	<i>Marphysa belli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Nematonereis hebes</i>	0	0	0	0	0	0	0	0	0	0
	<i>Lumbrineris latreilli</i>	24	42	20	8	5	4	33	4	2	19
	<i>Scoletoma emandibulata mabiti</i>	6	0	2	2	2	2	1	3	6	3
	<i>Ninoe armoricana</i>	0	0	1	0	0	0	0	0	0	0
	<i>Arabella geniculata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Drilonereis filum</i>	0	1	1	1	0	0	0	0	3	0
	<i>Dorvillea rubrovittata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Schistomeringos rudolphii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Sternaspis scutata</i>	4	0	0	15	0	14	2	0	0	2
	<i>Owenia fusiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Galathowenia oculata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Brada villosa</i>	1	1	3	0	0	0	0	0	3	0
	<i>Diplocirrus glaucus</i>	0	0	0	4	0	0	1	0	0	1

	<i>Cheirocratus sundevalli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Elasmopus pecteniscrus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Elasmopus rapax</i>	0	0	0	0	0	0	0	0	0	0
	<i>Elasmopus spp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gammarella fucicola</i>	0	0	0	0	0	0	1	0	0	0
	<i>Maera grossimana</i>	0	0	0	0	0	0	0	0	0	0
	<i>Maera pachytelson</i>	0	0	0	0	0	0	0	0	0	0
	<i>Maera schmdti</i>	0	0	0	0	0	1	0	0	0	0
	<i>Monoculodes carinatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Deflexilodes griseus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Perioculodes longimanus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Synchelidium longidigitatum</i>	0	0	0	0	0	0	0	0	0	0
	<i>Westwoodilla rectirostris</i>	0	0	3	1	0	0	0	0	2	0
	<i>Harpinia antennaria</i>	0	0	0	1	0	2	0	0	0	4
	<i>Harpinia crenulata</i>	0	4	2	0	0	2	2	0	0	0
	<i>Harpinia dellavallei</i>	0	0	0	0	0	0	0	0	0	0
	<i>Harpinia spp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Paraphoxus oculatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Bathyporeia guilliamsoniana</i>	0	0	0	0	0	0	0	0	0	0
	<i>Bathyporeia sophiae</i>	0	0	0	0	0	0	0	0	0	0
	<i>Urothoe pulchella</i>	0	0	0	0	0	0	0	0	0	0
	<i>Phtisica marina</i>	0	0	0	0	0	0	0	0	0	0
ISOPODI	<i>Eurydice truncata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Natatolana borealis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Anthuridea gen. sp.</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gnathia oxyuraea</i>	0	0	0	1	0	0	0	0	0	0
ANISOPODI	<i>Tuberapseudes echinatus</i>	4	7	11	0	3	3	0	0	2	9
	<i>Apseudopsis acutifrons</i>	9	0	0	9	0	2	123	8	11	2
	<i>Apseudes holthuisi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Apseudes latreillii</i>	0	0	0	0	0	0	0	0	0	0
	<i>Leptocheilia savignyi</i>	0	0	0	0	0	0	0	0	0	0
DECAPODI	<i>Alpheus glaber</i>	0	1	0	0	0	1	0	0	0	0
	<i>Athanas nitescens</i>	0	0	0	0	0	0	0	0	0	0
	<i>Philocheras fasciatus</i>	1	0	0	0	0	0	0	0	1	0
	<i>Processa edulis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Processa macrophthalma</i>	0	1	0	0	1	0	1	0	0	0
	<i>Hippolyte leptocerus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Galathea intermedia</i>	0	0	0	0	0	0	0	0	0	0
	<i>Gurrietia denticulata</i>	0	0	0	1	0	0	0	0	0	0
	<i>Upogebia tipica</i>	0	1	0	0	0	0	0	0	1	0
	<i>Necallianassa truncata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pagurus excavatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Anapagurus bicorniger</i>	0	2	0	0	0	1	0	0	0	2
	<i>Anapagurus laevis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pagurus anachoretus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ethusa mascarone</i>	0	0	0	0	0	0	0	0	0	0
	<i>Medorippe lanata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ebalia deshayesi</i>	0	0	0	0	0	0	0	0	0	0
	<i>Goneplax rhomboides</i>	1	0	0	0	1	0	0	0	2	2

	<i>Liocarcinus maculatus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Liocarcinus depurator</i>	0	0	0	0	0	0	0	0	0	0
	<i>Pilumnus hirtellus</i>	0	0	0	0	0	0	0	0	0	0
ECHINODERMI	<i>Phyllophorus urna</i>	0	0	0	0	0	0	0	0	0	0
	<i>Thyone fusus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Trachythyone elongata</i>	0	1	0	0	1	0	0	0	0	0
	<i>Labidoplax digitata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten bispinosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Astropecten platyacanthus</i>	0	0	1	0	0	0	0	0	0	0
	<i>Astropecten spinulosus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura chiajei</i>	2	5	0	0	0	0	4	2	2	3
	<i>Amphiura filiformis</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphiura grandisquama</i>	0	0	0	0	0	0	0	0	0	0
	<i>Amphipholis squamata</i>	0	1	0	1	0	0	0	0	0	0
	<i>Acrocnida brachiata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiactis balli</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura grubei</i>	0	0	0	0	0	0	0	0	0	0
	<i>Ophiura texturata</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinociamus pusillus</i>	0	0	0	0	0	0	0	0	0	0
	<i>Echinocardium cordatum</i>	2	0	0	0	0	0	0	0	1	0
	<i>Schizaster canaliferus</i>	0	0	0	0	0	0	0	0	0	0
	Totale individui	193	108	96	93	72	66	528	81	105	103
	Totale taxa	34	34	34	29	19	24	54	22	36	33
	Biocenosi	VTC	VTC	VTC	VTC	VTC	VTC	M	M	M	VTC
	Indice di diversità di Shannon	4.138	3.840	4.413	4.121	2.703	4.007	4.029	3.708	4.690	4.371
	Indice di equiripartizione di Pielou	0.813	0.755	0.867	0.848	0.636	0.874	0.700	0.831	0.907	0.867
	Indice di Ricchezza Specifica di Margaleff	4.346	4.885	5.011	4.282	2.917	3.805	5.860	3.312	5.213	4.786
	Indice di Dominanza di Simpson	0.094	0.169	0.077	0.082	0.326	0.090	0.118	0.121	0.056	0.076

Tabella 3-a . Dati di macroripartizione della fase preliminare (2002) del *Monitoraggio dell'ambiente marino costiero*

tra Santa Severa e Lido di Tarquinia” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia (R: Roccia; S:Sabbia; F: Fango; M: Matte)

Staz n.	Prof (m)	Substrato	Copertura	Dens ass(m ²)	Classe	Dens rel (m ²)
CV01	12.0	RS	7	279	IV	195
CV02	9.0	S	5	269	IV	134
CV03	9.0	RS	5	250	IV	125
CV04	9.0	RS	5	294	IV	147
CV05	9.0	RS	4	246	IV	99
CV06	10.0	RS	4	243	IV	97
CV07	9.0	M	8	226	IV	181
CV08	8.0	R	2	218	IV	44
CV09	9.0	R	3	255	IV	77
CV10	7.5	R	4	298	IV	119
CV11	13.0	R	1	276	IV	28
CV12	18.0	RS	3	150	IV	45
CV13	14.0	RS	1	188	IV	19
CV14	11	R	1	201	IV	20
CV15	10.5	R	4	250	IV	100
CV16	10.0	S	6	309	III	185
CV17	6.0	R	8	251	IV	201
CV18	8.5	R	4	220	IV	88
CV19	10.0	M	3	201	IV	60
CV20	10.0	R	2	150	IV	30
CV21	16.0	RS	1	125	V	13
CV22	11.0	R	1	223	IV	22
CV23	8.0	R	2	135	V	27
CV24	6.0	S	1	301	III	30
CV25	3.0	R	1	154	IV	15
CV26	8.0	R	2	200	IV	40
CV27	3.0	RS	2	155	IV	31
CV28	6.5	R	2	305	III	61
CV29	10.0	R	4	199	IV	80
CV30	10.0	RS	6	226	IV	136
CV31	11.0	RS	7	274	IV	192
CV32	10.0	RS	3	175	IV	53
CV33	12.0	S	4	295	IV	118
CV34	10.0	M	9	251	IV	226
CV35	10.0	RS	5	284	IV	142
CV36	10.0	S	1	235	IV	24
CV37	10.0	MS	7	228	IV	159
CV38	9.0	MS	7	220	IV	154
CV39	9.0	RS	5	269	IV	134
CV40	10.0	S	7	256	IV	179
Media	10		4	232	IV	96
Max	18		9	309	III	226
Min	6		1	125	V	13

Tabella 3-b. Dati di fenologia (densità e larghezza media delle foglie) della fase preliminare (2002) del *Monitoraggio*

dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

Stazioni	Profondità	Densità	Larghezza media foglie			
			Juv	Int	Adu	Tot
CV01	12	279	0.54	0.96	0.97	0.77
CV02	9	269	0.53	1.05	1.05	0.82
CV03	9	250	0.52	0.95	0.94	0.76
CV04	9	294	0.51	0.96	0.96	0.77
CV05	9	246	0.53	1.01	0.99	0.82
CV06	10	243	0.51	0.96	0.97	0.78
CV07	9	226	0.49	0.95	1	0.78
CV08	8	218	0.53	1.05	1.03	0.84
CV09	9	255	0.5	0.95	0.98	0.78
CV10	7.5	298	0.42	0.84	0.88	0.68
CV11	13	276	0.54	1	1.04	0.85
CV12	18	150	0.51	0.91	0.98	0.77
CV13	14	188	0.46	0.86	0.9	0.7
CV14	11	201	0.49	0.91	0.9	0.73
CV15	10.5	250	0.49	0.95	0.97	0.76
CV16	10	309	0.53	0.92	0.93	0.77
CV17	6	251	0.46	0.83	0.9	0.69
CV18	8.5	220	0.45	0.97	1	0.74
CV19	10	201	0.44	0.81	0.87	0.69
CV20	10	150	0.47	0.92	0.98	0.73
CV21	16	125	0.56	1.03	1.06	0.83
CV22	11	223	0.52	1.07	1.08	0.84
CV23	8	135	0.44	0.89	0.91	0.68
CV24	6	301	0.57	1.04	0.96	0.8
CV25	13	154	0.46	0.89	0.91	0.72
CV26	8	200	0.42	0.79	0.84	0.68
CV27	13	155	0.49	0.85	0.88	0.7
CV28	6.5	305	0.44	0.77	0.81	0.63
CV29	10	199	0.48	0.9	0.95	0.77
CV30	10	226	0.52	0.96	0.94	0.73
CV31	11	274	0.5	0.98	1	0.75
CV32	10	175	0.49	0.93	0.99	0.75
CV33	12	295	0.46	0.93	0.96	0.73
CV34	10	251	0.49	0.91	0.96	0.73
CV35	10	284	0.46	0.9	0.94	0.74
CV36	10	235	0.44	0.99	1.04	0.76
CV37	10	228	0.49	0.92	0.96	0.75
CV38	9	220	0.45	0.85	0.88	0.68
CV39	9	269	0.48	1.01	1.06	0.8
CV40	10	256	0.48	0.85	0.87	0.69
Media	10	232	0.49	0.93	0.96	0.75
Max	18	309	0.57	1.07	1.08	0.85
Min	6	125	0.42	0.77	0.81	0.63

Tabella 3-c. Dati di fenologia (densità e lunghezza media delle foglie) della fase preliminare (2002) del *Monitoraggio*

dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

Stazioni	Profondità	Densità	Lunghezza media foglie			
			Juv	Int	Adu	Tot
CV01	12	279	0.62	7.74	69.78	30.99
CV02	9	269	0.72	53.81	84.63	42.16
CV03	9	250	0.91	15.02	63.67	30.68
CV04	9	294	0.84	16.53	90.23	41.55
CV05	9	246	0.62	38.56	64.27	33.85
CV06	10	243	0.7	27.55	54.33	27
CV07	9	226	0.65	34.51	76.12	36.12
CV08	8	218	0.78	22.01	52.15	26.03
CV09	9	255	0.74	23.72	41.97	20.64
CV10	7.5	298	0.66	26.1	36.68	19.82
CV11	13	276	0.73	28.69	63.74	33.15
CV12	18	150	0.82	50.52	51.57	30.45
CV13	14	188	0.83	31.95	46.19	23.86
CV14	11	201	0.79	27.51	47.19	23.76
CV15	10.5	250	0.68	35.43	57.52	29.23
CV16	10	309	0.84	23.3	45.22	23.08
CV17	6	251	0.69	21.91	29.48	15.16
CV18	8.5	220	0.45	21	52.46	22.53
CV19	10	201	0.47	18.84	37.36	19.58
CV20	10	150	0.51	33.19	43.18	21.6
CV21	16	125	0.86	25.68	77.59	33.88
CV22	11	223	0.7	22.5	36.58	18.69
CV23	8	135	0.55	29.96	42.13	19.56
CV24	6	301	0.78	17.61	47.2	22.09
CV25	13	154	0.82	56.14	62.79	36
CV26	8	200	0.57	15.24	18.17	11.09
CV27	13	155	0.66	29.6	46.95	22.72
CV28	6.5	305	0.78	25.62	33.82	16.74
CV29	10	199	0.91	28.92	52.1	28.05
CV30	10	226	0.82	22.44	57.09	26.11
CV31	11	274	0.46	33.14	68.77	32.5
CV32	10	175	0.64	24.94	45.89	21.06
CV33	12	295	0.83	36.47	65.94	30.77
CV34	10	251	0.84	32.54	48.22	23.8
CV35	10	284	0.62	30.25	54.73	29.17
CV36	10	235	0.5	30.81	71.8	31.23
CV37	10	228	0.55	26.88	60.12	29.71
CV38	9	220	0.63	29.5	50.57	24.61
CV39	9	269	0.66	44.3	63.28	32.62
CV40	10	256	0.8	17.54	46.66	21.91
Media	10	232	0.7	28.4	54	26.6
Max	18	309	0.9	56.1	90.2	42.2
Min	6	125	0.4	7.7	18.2	11.1

Tabella 3-d. Dati di fenologia (densità e numero medio di foglie) della fase preliminare (2002) del *Monitoraggio*

dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

Stazioni	Profondità	Densità	Numero medio foglie			
			Juv	Int	Adu	Tot
CV01	12	279	4.6	1	4.2	9.8
CV02	9	269	4.4	1.8	3.8	10
CV03	9	250	3.8	1.2	4	9
CV04	9	294	4.4	1.4	4.4	10.2
CV05	9	246	4	2.4	4	10.4
CV06	10	243	4.2	2.2	4	10.4
CV07	9	226	4.4	2.4	4	10.8
CV08	8	218	4.2	2.2	4.4	10.8
CV09	9	255	4.2	2.2	3.6	10
CV10	7.5	298	4	2	3.8	9.8
CV11	13	276	4.2	2.4	4.8	11.4
CV12	18	150	4.2	2.2	3.8	10.2
CV13	14	188	4	2	3.4	9.4
CV14	11	201	4	2	3.6	9.6
CV15	10.5	250	4	2	3.6	9.6
CV16	10	309	4.2	2	4.2	10.4
CV17	6	251	4.4	1.8	3.6	9.8
CV18	8.5	220	4.2	2	3.2	9.4
CV19	10	201	4.2	2	4.6	10.8
CV20	10	150	4.8	2.4	3.4	10.6
CV21	16	125	4.8	2	4	10.8
CV22	11	223	4.2	2	3.8	10
CV23	8	135	4.2	1.6	2.8	8.6
CV24	6	301	5	2	4.6	11.6
CV25	13	154	3.2	1.6	3	7.8
CV26	8	200	3.6	3	3.6	10.2
CV27	13	155	4.8	2	3.8	10.6
CV28	6.5	305	4	1.8	2.8	8.6
CV29	10	199	3.8	2.4	4.2	10.4
CV30	10	226	5	1	4.2	10.2
CV31	11	274	5	1	4.4	10.4
CV32	10	175	5	2	3.8	10.8
CV33	12	295	4.6	1.8	3.6	10
CV34	10	251	5	1.4	4.2	10.6
CV35	10	284	4	1.6	4.4	10
CV36	10	235	4.2	1.8	3.2	9.2
CV37	10	228	4.6	1.6	4.4	10.6
CV38	9	220	4.4	1.4	3.8	9.6
CV39	9	269	3.8	2	3.2	9
CV40	10	256	4.4	1.4	4	9.8
Media	10	232	4.3	1.9	3.9	10
Max	18	309	5	3	4.8	11.6
Min	6	125	3.2	1	2.8	7.8

Tabella 3-e. Dati di fenologia (densità e coefficiente A) della fase preliminare (2002) del *Monitoraggio dell'ambiente*

marino costiero tra Santa Severa e Lido di Tarquinia” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

Stazione	Profondità	Densità	Coefficiente A		
			Int	Adu	Tot
CV01	12	279	0	33.3	14.3
CV02	9	269	11.1	63.2	26
CV03	9	250	0	6.7	2.6
CV04	9	294	0	40.9	17.6
CV05	9	246	0	75	28.8
CV06	10	243	0	70	26.9
CV07	9	226	0	65	24.1
CV08	8	218	18.2	90.9	40.7
CV09	9	255	27.3	100	42
CV10	7.5	298	20	100	42.9
CV11	13	276	16.7	50	24.6
CV12	18	150	9.1	10.5	5.9
CV13	14	188	0	76.5	27.7
CV14	11	201	10	55.6	22.9
CV15	10.5	250	40	66.7	33.3
CV16	10	309	20	85.7	38.5
CV17	6	251	33.3	88.9	38.8
CV18	8.5	220	0	93.8	31.9
CV19	10	201	0	56.5	24.1
CV20	10	150	25	70.6	28.3
CV21	16	125	0	10	3.7
CV22	11	223	20	100	42
CV23	8	135	25	100	37.2
CV24	6	301	10	91.3	37.9
CV25	13	154	50	93.3	46.2
CV26	8	200	53.3	100	51
CV27	13	155	30	78.9	34
CV28	6.5	305	33.3	100	39.5
CV29	10	199	50	81	44.2
CV30	10	226	20	85.7	37.3
CV31	11	274	60	59.1	30.8
CV32	10	175	20	89.5	35.2
CV33	12	295	22.2	44.4	20
CV34	10	251	14.3	81	34
CV35	10	284	37.5	77.3	40
CV36	10	235	11.1	56.3	21.7
CV37	10	228	0	40.9	17
CV38	9	220	0	68.4	27.1
CV39	9	269	20	68.8	28.9
CV40	10	256	0	35	14.3
Media	10	232	17.7	69	29.6
Max	18	309	60	100	51
Min	6	125	0	6.7	2.6

Tabella 3-f. Dati di fenologia (densità e indice fogliare) della fase preliminare (2002) del *Monitoraggio dell'ambiente*

marino costiero tra Santa Severa e Lido di Tarquinia” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

Stazioni	Profondità	Densità	Indice fogliare			
			Juv	Int	Adu	Tot
CV01	12	279	0	0.07	7.08	7.15
CV02	9	269	0	2.42	8.62	11.04
CV03	9	250	0	0.3	5.61	5.92
CV04	9	294	0	0.45	10.6	11.05
CV05	9	246	0	1.67	5.84	7.83
CV06	10	243	0	1.27	4.9	6.17
CV07	9	226	0	1.53	6.44	7.97
CV08	8	218	0	0.96	4.54	5.87
CV09	9	255	0	1.1	3.47	4.57
CV10	7.5	298	0	1.17	3.27	4.59
CV11	13	276	0	1.62	8.2	9.82
CV12	18	150	0	1.41	2.65	4.06
CV13	14	188	0.01	0.92	2.49	3.42
CV14	11	201	0.01	0.84	2.91	3.75
CV15	10.5	250	0	1.5	4.76	6.26
CV16	10	309	0	1.12	5.13	6.25
CV17	6	251	0	0.71	2.22	2.93
CV18	8.5	220	0	0.72	3.47	4.19
CV19	10	201	0	0.5	2.75	3.25
CV20	10	150	0	0.97	1.96	2.93
CV21	16	125	0	0.6	4.08	4.47
CV22	11	223	0	0.87	2.81	3.68
CV23	8	135	0	0.5	1.32	1.82
CV24	6	301	0	0.74	5.71	6.45
CV25	13	154	0	1.14	2.47	3.61
CV26	8	200	0	0.62	0.97	1.59
CV27	13	155	0	0.7	2.28	2.98
CV28	6.5	305	0	0.97	2.13	3.11
CV29	10	199	0.01	1.09	3.94	5.04
CV30	10	226	0	0.35	4.56	5.07
CV31	11	274	0	0.77	7.73	8.5
CV32	10	175	0	0.7	2.64	3.34
CV33	12	295	0	1.67	6.19	7.87
CV34	10	251	0.01	0.93	4.51	5.45
CV35	10	284	0	1	6.03	7.03
CV36	10	235	0	1.1	5.29	6.4
CV37	10	228	0	1.1	5.39	6.49
CV38	9	220	0.01	0.67	3.48	4.16
CV39	9	269	0	2.14	5.48	7.62
CV40	10	256	0	0.42	3.86	4.28
Media	10	232	0	0.98	4.44	5.45
Max	18	309	0.01	2.42	10.6	11.05
Min	6	125	0	0.07	0.97	1.59

Tabella 3-f. Dati di fenologia e macroripartizione relativi al campionamento effettuato nell'Estate 2003 del *Monitoraggio dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia*” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

Stazioni	Classi densità (GIRAUD, '77)	Copertura (%)	Coeff. A (per fascio)	Densità assoluta (m ²)	Densità relativa (m ²)	Media n° foglie fascio	LAI (m ² /m ²)	Lunghezza media			Larghezza media Foglie		
								Juv	Int	Adu	Juv	Int	Adu
CV01	III	10.00	47.90	376.30	37.60	9.60	7.88	0.55	32.21	57.48	0.46	0.90	0.91
CV02	II	80.00	34.00	403.80	323.00	9.20	11.37	0.60	21.75	70.63	0.47	0.95	1.00
CV03	III	50.00	30.20	322.50	161.30	8.50	6.52	0.62	26.13	62.95	0.45	0.88	0.95
CV04	III	90.00	33.30	381.30	343.10	9.60	11.30	0.70	17.40	72.32	0.46	0.91	0.95
CV05	III	30.00	65.20	330.00	99.00	8.80	9.42	0.72	48.02	67.74	0.51	0.98	1.03
CV06	III	40.00	41.50	302.50	121.00	9.50	8.49	0.81	23.53	65.03	0.50	0.96	0.98
CV07	IV	60.00	38.30	246.30	147.80	8.70	6.16	0.53	19.85	71.41	0.45	0.90	0.93
CV08	IV	40.00	73.50	291.30	116.50	8.90	5.93	0.46	30.03	51.71	0.44	0.93	1.00
CV09	III	30.00	38.90	301.30	90.40	9.70	7.97	0.64	26.40	65.72	0.48	0.96	0.98
CV10	III	50.00	81.00	363.80	181.90	8.70	5.68	0.59	35.91	47.19	0.45	0.88	0.89
CV11	III	10.00	68.30	355.00	35.50	10.80	10.20	0.66	28.86	58.53	0.47	0.93	0.97
CV12	IV	10.00	28.10	156.30	15.60	10.20	3.82	0.50	26.66	55.33	0.43	0.85	0.90
CV13	IV	10.00	50.00	251.30	25.10	9.80	5.51	0.69	18.93	54.28	0.47	0.95	0.96
CV14	IV	10.00	62.10	215.00	21.50	10.20	5.17	0.63	26.14	53.37	0.45	0.93	0.99
CV15	II	60.00	54.90	407.50	244.50	9.80	7.31	0.94	23.01	48.49	0.48	0.88	0.91
CV16	III	50.00	77.10	381.30	190.60	8.90	5.98	0.74	28.61	42.77	0.45	0.86	0.89
CV17	IV	70.00	77.80	255.00	178.50	9.10	4.20	0.80	29.90	47.37	0.48	0.87	0.92
CV18	III	30.00	70.20	333.80	100.10	8.80	5.22	0.64	15.71	42.80	0.48	0.95	0.98
CV19	IV	10.00	42.10	225.00	22.50	9.30	3.95	0.56	16.62	45.58	0.42	0.85	0.88
CV20	IV	30.00	44.60	267.50	80.30	10.00	9.15	0.93	34.18	74.73	0.51	0.99	1.03
CV21	IV	30.00	62.10	213.80	64.10	10.00	5.03	0.74	22.68	53.19	0.47	0.95	0.99
CV22	III	60.00	66.70	318.80	191.30	9.20	6.66	0.50	34.28	55.03	0.46	0.92	0.94
CV23	IV	20.00	58.50	236.30	47.30	9.60	5.16	0.54	17.82	59.77	0.45	0.87	0.90
CV24	II	30.00	70.60	410.00	123.00	9.40	8.23	0.64	20.98	52.94	0.46	0.88	0.91
CV25	IV	10.00	46.80	162.50	16.30	8.70	2.72	0.56	24.85	51.14	0.42	0.85	0.91
CV26	IV	10.00	63.90	236.30	23.60	9.80	5.28	0.56	25.07	47.06	0.44	0.91	0.96

CV27	III	30.00	55.40	370.00	111.00	9.70	8.51	0.58	18.95	54.79	0.47	0.93	0.97
CV28	II	20.00	61.70	513.80	102.80	8.30	6.48	0.64	20.24	41.13	0.41	0.79	0.86
CV29	III	30.00	53.30	315.00	94.50	10.10	4.76	0.85	23.88	45.00	0.44	0.83	0.87
CV30	IV	40.00	58.50	230.00	92.00	9.70	6.14	0.76	30.08	61.91	0.50	0.98	1.00
CV31	IV	40.00	55.20	288.80	115.50	10.60	9.35	0.78	29.73	66.98	0.50	0.96	0.99
CV32	III	70.00	46.80	318.80	223.10	10.30	8.27	0.75	27.43	51.05	0.48	0.94	0.99
CV33	IV	10.00	71.10	295.00	29.50	8.60	4.34	0.67	19.35	42.51	0.47	0.89	0.94
CV34	IV	80.00	33.30	262.50	210.00	9.50	8.46	0.70	29.96	76.01	0.47	0.95	0.99
CV35	IV	10.00	64.20	191.30	19.10	9.70	3.57	0.63	23.33	47.24	0.46	0.87	0.92
CV36	III	30.00	50.00	195.00	58.50	9.40	4.25	0.59	26.34	52.39	0.45	0.91	0.96
CV37	IV	10.00	52.20	232.50	23.30	8.90	3.86	0.76	24.63	47.78	0.45	0.88	0.94
CV38	IV	20.00	57.90	285.00	57.00	10.00	5.62	0.92	17.30	45.52	0.47	0.92	0.96
CV39	III	30.00	39.00	310.00	93.00	10.20	5.86	0.65	19.14	45.84	0.51	0.87	0.93
CV40	IV	40.00	46.30	280.00	112.00	9.20	5.97	0.69	30.45	54.39	0.42	0.88	0.91
Media		34.75	54.31	295.81	108.57	9.48	6.49	0.67	25.41	55.18	0.46	0.91	0.95
Max		90.00	81.00	513.80	343.10	10.80	11.37	0.94	48.02	76.01	0.51	0.99	1.03
Min		10.00	28.10	156.30	15.60	8.30	2.72	0.46	15.71	41.13	0.41	0.79	0.86

Tabella 3-f. Dati di fenologia e macroripartizione relativi al campionamento effettuato nell'Estate 2004 del *Monitoraggio dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia*” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

	Classi densità (GIRAUD, '77)	Copertura (%)	Coeff. A (per fascio)	Densità assoluta (m ²)	Densità relativa (m ²)	Media n° foglie fascio	LAI (m ² /m ²)	Lunghezza media delle foglie			Larghezza media delle foglie		
								Juv	Int	Adu	Juv	Int	Adu
CV01	III	50.00	73.50	317.50	158.80	9.10	4.35	0.67	9.18	53.33	0.48	0.89	0.88
CV02	IV	50.00	55.80	210.00	105.00	10.20	4.10	0.75	8.80	62.17	0.51	0.96	0.94
CV03	IV	70.00	54.10	203.80	142.60	9.10	2.80	0.72	17.74	51.36	0.47	0.85	0.87
CV04	III	80.00	52.50	343.80	275.00	9.50	5.57	0.66	8.34	54.91	0.50	0.91	0.92
CV05	IV	40.00	47.10	285.00	114.00	10.70	5.17	0.65	9.99	52.71	0.49	0.95	0.92
CV06	III	60.00	56.80	282.50	169.50	9.50	4.33	0.64	10.62	56.45	0.46	0.87	0.86
CV07	II	80.00	65.70	517.50	414.00	9.00	5.93	0.90	9.52	53.92	0.51	0.95	0.89
CV08	II	40.00	41.70	491.30	192.50	9.70	6.53	0.80	16.81	42.35	0.49	0.94	0.96
CV09	III	30.00	46.00	301.30	90.40	9.40	5.16	0.82	17.22	55.11	0.51	0.92	0.92
CV10	III	70.00	33.30	600.00	420.00	10.40	6.50	0.82	12.36	31.36	0.47	0.89	0.89
CV11	II	15.00	41.30	458.80	68.80	9.60	4.00	0.58	9.16	31.61	0.46	0.94	0.92
CV12	IV	40.00	60.40	180.00	72.00	10.40	3.14	0.70	12.72	56.06	0.49	0.89	0.90
CV13	IV	10.00	56.10	250.00	25.00	10.60	1.84	1.04	8.20	27.21	0.54	0.88	0.87
CV14	II	10.00	63.50	438.80	43.90	10.40	2.65	0.71	12.77	16.19	0.47	0.86	0.90
CV15	IV	30.00	48.00	287.50	86.30	10.40	5.35	0.79	11.33	56.48	0.50	0.95	0.91
CV16	II	50.00	68.20	481.30	240.60	9.80	3.67	0.79	10.91	26.67	0.48	0.89	0.88
CV17	II	70.00	45.10	637.50	446.30	9.60	5.00	0.88	13.57	24.53	0.45	0.85	0.87
CV18	III	40.00	66.00	326.30	130.50	10.50	4.85	0.63	16.94	43.33	0.48	0.89	0.91
CV19	V	10.00	13.00	133.80	13.40	8.50	1.98	0.58	18.69	43.97	0.38	0.80	0.82
CV20	III	30.00	62.20	315.00	94.50	9.90	6.47	0.60	11.68	65.53	0.47	0.93	0.92
CV21	IV	40.00	46.80	418.80	167.50	9.50	8.16	0.50	26.24	62.58	0.43	0.87	0.89
CV22	IV	50.00	63.50	292.50	146.30	10.60	4.64	0.77	11.16	46.21	0.51	0.95	0.94
CV23	IV	30.00	37.50	230.00	69.00	10.30	5.42	0.70	10.37	62.72	0.51	0.98	0.98
CV24	II	10.00	44.00	433.80	43.40	9.90	7.98	0.62	16.23	62.04	0.45	0.90	0.89
CV25	IV	10.00	65.20	248.80	24.90	9.50	2.77	0.69	16.69	34.73	0.45	0.88	0.88
CV26	IV	10.00	61.70	265.00	26.50	11.30	6.85	0.69	11.06	57.91	0.51	0.99	1.01

CV27	IV	10.00	58.33	296.30	29.60	10.00	5.80	0.70	22.53	60.42	0.46	0.87	0.89
CV28	III	20.00	53.10	318.80	63.80	10.20	5.95	0.64	21.34	53.24	0.47	0.85	0.89
CV29	IV	30.00	56.00	251.30	75.40	9.80	4.12	0.67	17.92	50.87	0.47	0.91	0.90
CV30	IV	40.00	56.80	302.50	121.00	9.00	6.37	0.56	23.92	68.29	0.46	0.93	0.95
CV31	IV	70.00	73.20	258.80	181.10	9.70	5.13	0.73	16.42	62.43	0.50	0.94	0.97
CV32	IV	65.00	55.60	270.00	175.50	9.90	5.71	0.62	29.91	64.76	0.46	0.85	0.89
CV33	III	30.00	26.90	346.30	103.90	10.10	8.23	0.47	31.44	60.44	0.43	0.85	0.92
CV34	IV	100.00	48.10	231.30	231.30	10.00	5.82	0.66	15.21	72.16	0.51	0.93	0.91
CV35	IV	20.00	35.40	182.50	36.50	10.20	3.93	0.63	15.06	56.79	0.46	0.90	0.92
CV36	IV	80.00	46.50	188.80	151.00	8.20	2.92	0.41	25.58	56.21	0.40	0.81	0.87
CV37	III	20.00	52.30	305.00	56.80	9.50	4.92	0.73	12.26	48.73	0.55	0.97	0.94
CV38	IV	30.00	58.70	216.30	64.90	8.70	3.44	0.56	23.86	49.35	0.44	0.88	0.94
CV39	IV	70.00	56.50	265.30	179.40	8.70	5.60	0.56	25.33	69.25	0.41	0.89	0.93
CV40	IV	50.00	40.00	260.00	130.00	8.90	3.97	0.59	19.27	50.05	0.41	0.80	0.84
Media		41.50	52.16	316.10	134.52	9.76	4.93	0.68	15.96	51.36	0.47	0.90	0.91
Max		100.00	73.50	637.50	446.30	11.30	8.23	1.04	31.44	72.16	0.55	0.99	1.01
Min		10.00	13.00	133.80	13.40	8.20	1.84	0.41	8.20	16.19	0.38	0.80	0.82

Tabella 3-g. Dati di fenologia e macroripartizione relativi al campionamento effettuato nell'Inverno 2004 del *Monitoraggio dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia* realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

	Classi densità (GIRAUD, '77)	Copertura (%)	Coeff. A (per fascio)	Densità assoluta (m ²)	Densità relativa (m ²)	Media n° foglie fascio	LAI (m ² /m ²)	Lunghezza media delle foglie			Larghezza media delle foglie		
								Juv	Int	Adu	Juv	Int	Adu
CV01	III	30.00	37.70	375.50	111.80	8.50	5.14	0.45	28.82	16.57	0.35	0.95	1.02
CV02	IV	10.00	54.50	211.30	21.10	8.30	2.56	0.51	28.17	22.24	0.34	0.87	0.95
CV03	IV	30.00	51.00	191.30	57.40	8.00	1.91	0.32	26.51	19.64	0.30	0.80	0.87
CV04	III	40.00	41.10	311.30	124.50	7.90	3.96	0.17	30.14	21.31	0.27	0.88	0.96
CV05	III	30.00	44.10	257.50	77.30	7.90	3.91	0.19	33.85	21.73	0.29	0.91	0.95
CV06	III	20.00	48.30	320.00	64.00	8.30	3.58	0.20	27.53	18.24	0.30	0.85	0.92
CV07	IV	10.00	34.40	275.00	27.50	8.40	4.62	0.17	35.82	25.82	0.27	0.87	0.98
CV08	IV	40.00	46.60	303.00	121.20	8.80	4.79	0.34	31.70	25.54	0.32	0.95	1.02
CV09	IV	10.00	50.80	250.00	25.00	8.90	4.08	0.35	34.64	23.64	0.33	0.92	0.99
CV10	III	20.00	76.40	305.00	61.00	7.70	2.53	0.20	20.37	14.95	0.29	0.84	0.89
CV11	IV	10.00	46.90	277.50	27.80	8.90	4.46	0.20	30.49	24.53	0.30	0.91	1.01
CV12	IV	20.00	33.90	182.50	36.50	8.50	2.23	0.20	26.08	18.12	0.29	0.91	1.00
CV13	IV	10.00	52.40	283.80	28.40	9.00	2.93	0.42	22.05	16.36	0.32	0.85	0.91
CV14	IV	10.00	73.30	285.00	28.50	8.90	2.91	0.30	23.43	18.90	0.32	0.80	0.86
CV15	III	20.00	41.20	327.50	65.50	7.60	2.87	0.21	19.71	23.49	0.29	0.99	0.85
CV16	IV	40.00	53.30	295.00	118.00	8.50	4.23	0.36	31.23	20.06	0.31	0.90	1.00
CV17	III	70.00	75.00	380.00	266.00	7.90	2.97	0.17	19.45	13.63	0.27	0.82	0.90
CV18	IV	20.00	61.70	255.00	51.00	8.60	3.40	0.36	30.16	19.57	0.31	0.88	0.95
CV19	V	10.00	22.80	118.00	11.90	7.70	1.10	0.23	21.26	17.14	0.29	0.85	0.93
CV20	IV	20.00	33.80	201.30	40.30	9.70	3.69	0.29	32.67	27.72	0.33	0.93	1.03
CV21	IV	30.00	15.40	180.00	54.00	9.20	2.89	0.19	28.84	21.07	0.29	0.97	1.10
CV22	III	70.00	74.60	337.50	236.30	8.30	3.40	0.36	24.59	16.50	0.32	0.81	0.88
CV23	IV	30.00	64.50	341.30	102.40	10.10	5.96	0.24	35.83	26.12	0.34	0.84	0.93
CV24	II	10.00	29.50	458.80	45.90	8.40	5.93	0.18	29.73	22.44	0.28	0.80	0.86

CV25	IV	10.00	30.60	250.00	25.00	9.60	3.79	0.29	31.00	24.75	0.33	0.86	0.95
CV26	IV	10.00	58.50	273.80	27.40	7.80	3.58	0.20	34.95	20.10	0.30	0.86	0.93
CV27	IV	10.00	47.50	278.80	27.90	8.40	4.71	0.20	36.11	25.48	0.28	0.88	0.98
CV28	III	20.00	67.30	355.00	71.00	7.70	4.44	0.19	34.37	22.40	0.29	0.84	0.93
CV29	IV	10.00	47.80	242.50	24.20	10.00	3.52	0.30	28.83	21.58	0.33	0.86	0.93
CV30	IV	20.00	53.10	255.00	51.00	8.90	3.37	0.18	27.06	20.67	0.28	0.85	0.92
CV31	IV	70.00	45.20	297.50	208.30	8.80	4.61	0.19	30.31	22.80	0.29	0.92	1.01
CV32	IV	20.00	50.80	293.80	58.80	9.10	4.53	0.19	28.38	24.52	0.29	0.89	0.99
CV33	III	30.00	20.60	352.50	105.80	9.90	7.49	0.45	35.69	31.93	0.35	0.92	1.03
CV34	III	30.00	40.30	332.50	99.80	9.30	5.89	0.19	32.58	26.28	0.29	0.88	0.99
CV35	IV	10.00	30.00	217.50	21.80	8.50	2.23	0.24	23.16	18.26	0.30	0.81	0.88
CV36	IV	30.00	16.70	223.80	67.10	8.00	2.02	0.44	22.59	17.44	0.33	0.83	0.91
CV37	IV	20.00	43.90	211.30	42.30	8.10	2.62	0.54	29.52	19.07	0.31	0.87	0.94
CV38	IV	20.00	45.50	243.80	48.80	7.80	3.28	0.18	29.50	21.07	0.28	0.94	1.04
CV39	III	20.00	29.40	303.80	60.80	7.90	2.93	0.50	24.61	16.72	0.33	0.88	0.96
CV40	IV	20.00	36.20	258.80	51.80	8.10	3.01	0.20	26.66	19.37	0.30	0.88	0.94
Media		24.00	45.67	277.84	69.88	8.55	3.70	0.28	28.71	21.19	0.31	0.88	0.95
Max		70.00	76.40	458.80	266.00	10.10	7.49	0.54	36.11	31.93	0.35	0.99	1.10
Min		10.00	15.40	118.00	11.90	7.60	1.10	0.17	19.45	13.63	0.27	0.80	0.85

Tabella 3-h. Dati di fenologia e macroripartizione relativi al campionamento effettuato nell' Inverno 2004 del *Monitoraggio dell'ambiente marino costiero tra Santa Severa e Lido di Tarquinia*” realizzato dal R.T.I Conisma e richiesto dall'Autorità Portuale di Civitavecchia

	Classi densità (GIRAUD, '77)	Copertura (%)	Coeff. A (per fascio)	Densità assoluta (m ²)	Densità relativa (m ²)	Media n° foglie fascio	LAI (m ² /m ²)	Lunghezza media delle foglie			Larghezza media delle foglie		
								Juv	Int	Adu	Juv	Int	Adu
CV01	IV	50.00	33.30	281.30	140.60	6.80	4.08	0.30	44.31	30.84	0.32	0.91	0.93
CV02	IV	60.00	30.00	286.30	171.80	7.20	4.78	0.19	42.26	29.02	0.29	0.90	0.97
CV03	III	60.00	66.70	312.50	187.50	6.70	2.65	0.21	28.46	18.15	0.32	0.86	0.89
CV04	IV	70.00	66.70	281.30	196.90	7.10	3.91	0.18	37.62	21.25	0.28	0.93	1.01
CV05	III	30.00	32.70	353.80	106.10	7.40	4.97	0.20	36.08	28.48	0.30	0.87	0.95
CV06	III	20.00	45.70	266.30	53.30	7.10	3.65	0.19	38.91	26.76	0.29	0.85	0.92
CV07	IV	60.00	52.10	296.30	178.80	7.30	3.53	0.20	34.40	20.80	0.29	0.85	0.93
CV08	IV	40.00	71.90	285.50	114.20	8.60	4.43	0.23	34.17	24.72	0.32	0.91	0.96
CV09	IV	10.00	71.40	151.30	15.10	7.90	1.62	0.30	27.33	17.74	0.34	0.83	0.87
CV10	III	10.00	50.00	307.50	30.80	8.20	6.53	0.27	50.91	30.72	0.35	0.92	1.00
CV11	IV	10.00	64.90	285.00	28.50	8.50	5.87	0.24	43.41	30.01	0.33	0.96	1.05
CV12	IV	20.00	5.30	213.80	42.80	7.70	2.60	0.17	29.41	20.17	0.27	0.84	0.90
CV13	IV	10.00	55.70	172.50	17.30	8.70	2.19	0.31	27.38	18.97	0.33	0.87	0.96
CV14	IV	10.00	28.60	227.50	22.80	8.50	2.67	0.21	30.72	18.84	0.30	0.84	0.86
CV15	III	30.00	55.10	310.00	93.00	7.20	2.99	0.43	25.41	22.25	0.32	0.82	0.86
CV16	IV	10.00	25.90	185.00	18.50	7.40	2.95	0.18	36.64	26.73	0.28	0.89	0.96
CV17	II	50.00	80.70	458.80	229.40	8.00	4.90	0.21	26.91	18.49	0.29	0.85	0.89
CV18	III	30.00	30.00	327.50	98.30	7.60	5.72	0.25	45.53	28.79	0.34	0.91	0.97
CV19	V	10.00	17.90	146.30	14.60	7.60	1.48	0.27	25.17	15.70	0.33	0.86	0.89
CV20	III	20.00	58.50	352.50	70.50	7.50	4.63	0.20	32.36	19.47	0.30	0.93	0.99
CV21	V	50.00	9.30	143.80	71.90	7.50	1.90	0.21	29.94	18.49	0.30	0.97	1.03
CV22	III	70.00	80.40	383.80	268.60	8.60	5.87	0.25	36.14	21.63	0.33	0.93	1.00
CV23	IV	20.00	28.30	333.80	66.80	8.20	7.48	0.18	44.64	28.28	0.29	0.98	1.06
CV24	III	10.00	40.00	377.50	37.80	7.30	4.32	0.31	33.26	22.86	0.34	0.78	0.82
CV25	IV	10.00	17.30	167.50	16.80	7.30	1.87	0.20	28.55	19.64	0.30	0.86	0.91
CV26	IV	20.00	10.30	198.80	39.80	8.10	2.48	0.44	29.30	17.73	0.34	0.92	0.97

CV27	IV	10.00	26.70	190.00	19.00	8.10	3.85	0.18	41.71	25.10	0.29	0.95	1.02
CV28	IV	10.00	36.00	240.00	24.00	7.50	3.00	0.28	31.02	22.01	0.32	0.93	0.98
CV29	III	30.00	70.40	316.30	94.60	7.50	3.45	0.19	29.63	14.95	0.30	0.86	0.90
CV30	IV	30.00	14.00	255.00	76.50	7.80	3.82	0.18	33.92	20.13	0.29	0.96	1.02
CV31	IV	20.00	27.80	260.00	52.00	7.50	3.45	0.17	30.32	19.50	0.29	0.96	1.00
CV32	IV	50.00	39.30	275.00	137.50	7.80	5.56	0.32	46.98	29.91	0.32	0.91	0.95
CV33	IV	40.00	11.90	271.30	108.50	7.90	4.34	0.19	33.35	21.09	0.29	0.94	0.99
CV34	III	80.00	51.10	250.00	7.30	200.00	3.25	0.24	35.93	25.78	0.33	0.88	0.92
CV35	IV	30.00	14.90	201.30	60.40	6.80	2.54	0.27	35.32	23.23	0.32	0.87	0.93
CV36	IV	20.00	17.80	226.30	45.30	6.50	2.21	0.16	26.66	22.72	0.27	0.88	0.92
CV37	IV	30.00	30.40	208.80	62.60	7.30	2.69	0.23	34.19	23.11	0.34	0.92	0.96
CV38	IV	20.00	62.50	205.00	41.00	6.30	1.90	0.26	28.90	21.21	0.33	0.90	0.94
CV39	III	30.00	21.40	316.30	94.90	6.60	4.23	0.39	35.89	27.76	0.35	0.98	1.01
CV40	IV	30.00	36.50	348.80	104.60	7.50	5.32	0.37	37.12	28.91	0.32	0.89	0.93
Media		30.50	39.74	266.76	81.52	12.38	3.74	0.24	34.50	23.05	0.31	0.90	0.95
Max		80.00	80.70	458.80	268.60	200.00	7.48	0.44	50.91	30.84	0.35	0.98	1.06
Min		10.00	5.30	143.80	7.30	6.30	1.48	0.16	25.17	14.95	0.27	0.78	0.82