

Supplementary Material

Impact of sewage pollution on the structure and functioning of a rocky shore benthic community

J. Cabral-Oliveira^{A,C}, *M. Dolbeth*^{A,B} and *M. A. Pardal*^A

^ACentre of Functional Ecology (CFE), Department of Life Sciences, University of Coimbra, Apartado 3046, 3001-401 Coimbra, Portugal.

^BCESAM & Biology Department, University of Aveiro, Campus de Santiago, 3810-193 Aveiro Portugal

^CCorresponding author. Email: joanaco@ci.uc.pt

Feeding guilds, life span and weight-to-energy conversion factors (from Brey 2001) for each species used for the secondary production estimates

Species	Feeding guild	Life span (year)	Conversion factor
<i>Barleeia unifasciata</i>	herbivore	2	23.04
<i>Melarhaphe neritoides</i>	herbivore	4	23.04
<i>Patella</i> spp.	herbivore	5	23.04
<i>Tricolia pullus</i>	herbivore	1	23.04
<i>Rissoa parva</i>	herbivore	1	23.04
<i>Runcina coronata</i>	herbivore	1	23.99
<i>Skeneopsis planorbis</i>	herbivore	1	23.04
<i>Lasae adansoni</i>	suspension feeder	3	22.79
<i>Modiolus modiolus</i>	suspension feeder	5	22.79
<i>Musculus costulatus</i>	suspension feeder	3	22.79
<i>Mytilus galloprovincialis</i>	suspension feeder	8	23.26
<i>Hyale perieri</i>	herbivore	0.8	22.74
<i>Hyale pontica</i>	herbivore	0.8	22.74
<i>Parajassa pelagica</i>	suspension feeder	0.8	22.74
<i>Chthamalus montagui</i>	suspension feeder	2	22.74
<i>Pirimela denticulata</i>	omnivore	7	22.26
<i>Idotea pelagica</i>	omnivore	1.5	22.74
<i>Campeopea hirsuta</i>	herbivore	1.5	22.74
<i>Campeopea lusitanica</i>	herbivore	1.5	22.74
<i>Dynamene</i> spp.	herbivore	1.5	22.74
<i>Ischyromene lacazei</i>	herbivore	1.5	22.74
<i>Tanais dulongii</i>	omnivore	1.5	22.57
Capitellidae	deposit feeder	0.8	23.33

<i>Lumbriconereis impatiens</i>	carnivore	3	23.33
<i>Perineris cultrifera</i>	omnivore	3	23.33
<i>Platynereis dumerilli</i>	omnivore	2	23.33
Orbiniidae	deposit feeder	4	23.33
<i>Pholoe inornata</i>	omnivore	4	23.33
<i>Eulalia viridis</i>	carnivore	3	23.33
<i>Sabellaria alveolata</i>	suspension feeder	3	23.33
<i>Syllis amica</i>	carnivore	1.5	23.33
<i>Syllis gerlachi</i>	carnivore	1.5	23.33
<i>Syllis prolifera</i>	carnivore	1.5	23.33
Nematoda	omnivore	2	23.33
Nemertina	carnivore	2	23.33
Oligochaeta	deposit feeder/herbivore	2	23.33
<i>Acanthochitona crinita</i>	herbivore	3	23.33
<i>Acanthochitona fascicularis</i>	herbivore	3	23.33
Echinoidea	omnivore	5	20.53
Ophiuridea	omnivore	3	21.75
Larvae	omnivore	0.1	23.81