



Table S2. Examined species list (* new records for the Minho river, NW Iberian Peninsula).

| Species | Distribution in Portugal |
|---|--|
| Balanomorpha | |
| <i>Austrominius modestus</i> (Darwin, 1854) | Recorded on the Minho river estuary*, Setúbal, Faro and Madeira island |
| Cumacea | |
| <i>Iphinoe tenella</i> Sars, 1878 | Recorded on the Minho river*, Troia, Alvor estuary, Lagoa de Albufeira and Ria Formosa |
| <i>Iphinoe trispinosa</i> (Goodsir, 1843) | Recorded at the Minho River* and along the Portuguese west coast |
| <i>Diastylis bradyi</i> Norman, 1879 | Recorded at the Minho River* and along the Portuguese southwest coast |
| <i>Diastylis cornuta</i> (Boeck, 1864) | Species recorded at the Minho River* and Portinho da Arrábida |
| Decapoda | |
| <i>Atyaephyra desmarestii</i> (Millet, 1831) | Minho, Lima, Cávado, Ave, Douro, Mondego, Tejo and Guadiana rivers |
| <i>Carcinus maenas</i> (Linnaeus, 1758) | Common along the Portuguese coast and estuaries |
| <i>Crangon crangon</i> (Linnaeus, 1758) | On the estuaries of the rivers Minho, Lima, Cávado, Douro, Aveiro, Mira, Mondego and Tejo, and at Fuzeta beach |
| <i>Palaemon longirostris</i> Milne Edwards, 1837 | On the estuaries of the rivers Minho*, Mira, Sado and Tejo |
| <i>Procambarus clarkii</i> (Girard, 1852) | In the rivers Minho, Maçãs, Douro, Mondego, Sado, Caia, Tejo, Degebe, Alamos and on São Miguel, Azores archipelago |
| <i>Processa modica</i> Williamson, 1979 | Recorded on the Minho river* and along the Portuguese west coast |
| Isopoda | |
| <i>Ceratothoa</i> aff. <i>oestroides</i> (Risso, 1826) | Recorded at the Minho river*, on Póvoa de Varzim, Matosinhos, Faro, and on Azores archipelago |
| Cymodoce sp. | |
| <i>Gnathia vorax</i> (Lucas, 1849) | Recorded at the Minho river*, on the Mondego estuary and in Sines |
| <i>Idotea neglecta</i> Sars, 1897 | Recorded at the Minho river*, on Tagus estuary and on Azores archipelago |
| <i>Idotea pelagica</i> Leach, 1816 | Recorded at the Minho river* and along the Portuguese west coast |
| <i>Jaera</i> (<i>Jaera</i>) <i>albifrons</i> Leach, 1814 | Recorded at the Minho river* and along the Portuguese west coast |
| Leptostraca | |
| <i>Nebalia strausi</i> Risso, 1826 | New record for Portugal* |
| <i>Sarsinebalia cristoboi</i> Moreira, Gestoso & Troncoso, 2003 | Recorded at the Minho river* and along the Portuguese west coast with a southern limit at Aljezur |
| Mysida | |
| <i>Gastrosaccus spinifer</i> (Goës, 1864) | Recorded at the Minho river and along the Portuguese coast and estuaries |
| <i>Neomysis integer</i> (Leach, 1814) | Recorded at Ria de Aveiro and at the Minho*, Cávado and Tejo rivers |
| <i>Praunus neglectus</i> (Sars, 1869) | Recorded at the Minho river* and in Ria de Aveiro |
| Tanaidacea | |
| <i>Heterotanais oerstedii</i> (Krøyer, 1842) | Recorded at the Minho River estuary, Ria de Aveiro and Tejo estuary |