|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Taxa** | **Species** | **Type of measurement** | **Equation** | **Source** |
| **PORTUGAL** |  |  |  |  |
| Amphipoda | *Corophium multisetosum* | head length (LH) | AFDW = 1.7671xLH3.241 | Cunha, Moreira & Sorbe (2000) |
| Amphipoda | *Echinogammarus meridionalis* | maximum body length (BL) | DM=0.1633BL – 0.02606 | Gama (2014) |
| Trichoptera | *Schizopelex festiva* | anterior case opening (CO) | DM = 0.5177e(0.0961\* CO) |  |
| Amphipoda | *Talitrus saltator* | cephalic length (CL) | AFDW = 0.00261025CL3.79929 | Marques et al. (2003) |
|  |  |  | AFDW = 0.023215CL2.87104 |  |
|  |  |  | AFDW = 0.024378CL2.85113 |  |
| Amphipoda | *Ampithoe valida* | cephalic length (CL) | W = 0.00085xCL3631 | Pardal et al. (2000) |
| Amphipoda | *Gammarus insensibilis* | body length |  | Lopes (2014) |
| Amphipoda | *Melita palmat* | body length |  |  |
| Amphipoda | *Microdeutopus gryllotalpa* | body length |  |  |
| Diptera | Chironomidae | body length |  |  |
| class Gastropoda | *Physa acuta* | shell length |  |  |
| class Polychaeta | *Streblospio shrubsolii* | body length |  |  |
| class Bivalvia | 25 species | shell length |  | Gaspar, Santos & Vasconcelos (2001) |
| class Bivalvia | *Chamelea gallina* | shell length | W = -3.193 + 2.797(length) | Rufino et al. (2006) |
| class Bivalvia | *Chamelea striatula* | shell length | W = -3.689 + 3.077(length) |  |
| class Bivalvia | 20 species | shell length |  | Vasconcelos et al. (2018) |
| Decapoda | *Palaemon longirostris* | carapace length (CL) | Log W = -3.005 + 2.884 Log CL | Cartaxana (2003) |
|  |  | carapace length (CL) | Log W = -3.112 + 3.008 Log CL |  |
|  |  | total body length (TL) | Log W = -4.603 +3.039 Log TL |  |
|  |  | total body length (TL) | Log W = -4.494 +2.929 Log TL |  |
| Decapoda | *Procambarus clarkii* | total length (L) | w =1.2 E-5 L3.2 | Correia (2001) |
| class Gastropoda | *Hydrobia ulvae* | shell height | Biomass = 0.0564 x 2.2381 | Lillebø, Pardal & Marques (1999) |
| Isopoda | *Cyathura carinata* | cephalic length (CL) | AFDW = 0.0190549\*CL2.71815 | Marques et al. (1994) |
| Mysida | *Mesopodopsis slabberi* | total length (TL) | LnDW = 3.0298 x LnTL -6.0229. | Azeiteiro, Jesus & Marques (1999) |
| Phyllodocida | *Nereis diversicolor* | jaw length (JL) | log10AFDW (g) = 2.213 x log10JL – 2.088 | Abrantes, Pinto & Moreira (1999) |
|  |  |  | log10AFDW (g) = 2.782 x log10JL – 2.284 |  |
| Trichoptera | *Lepidostoma hirtum* | distance between eyes (ED) | AFDW = 0.0409\*e3.451\*ED | Azevedo-Pereira, Graça & González (2006) |
| Trichoptera | *Limnephilus atlanticus* | case length, case opening width, body length, head length, interocular distance |  | Balibrea et al. (2017) |
| Trichoptera | *Sericostoma vittatum* | length of the anterior opening of the case (Lc) | ln Dw = (Lc – 1.664)/0.599 | Canhoto (1994) |
| Trichoptera | *Sericostoma vittatum* | head width (HW) | M = 0.734 HW3.5211 | González & Graça (2003) |
|  |  |  |  |  |
| **SWEDEN** |  |  |  |  |
| Amphipoda | 3 species | total length or body width |  | Eklöf et al. (2017) |
| Bivalvia | 3 species | length from anterior to posterior side |  |  |
| Gastropoda | 5 species | height along the central shell axis |  |  |
| Insecta | 3 species | total length |  |  |
| Arthropoda | *Asellus aquaticus* | body length | y = 2.65x-1.84 | Perkins et al. (2010) |
| Plecoptera | *Nemoura cinerea* | body length | y = 1.18x-0.76 |  |
| Trichoptera | *Sericostoma personatum* | straight line linking front to back along the concave surface of its protective case | y = 1.82x-1.03 |  |
|  | 44 species |  |  | Rumohr, Brey & Ankar (1987) |

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