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|  | **LONG BEACHES** | | | | | | | | | | |  | **SHORT BEACHES** | | | | | | | | | | |
|  | **EL MORCHE** | |  | **NERJA** | |  | **LA HERRADURA** | |  | **ALMUÑECAR** | |  | **EL PEÑONCILLO** | |  | **CALETA DE MARO** | |  | **CAÑUELO** | |  | **MARINA DEL ESTE** | |
| **SPECIES** | **HB** | **SB** |  | **HB** | **SB** |  | **HB** | **SB** |  | **HB** | **SB** |  | **HB** | **SB** |  | **HB** | **SB** |  | **HB** | **SB** |  | **HB** | **SB** |
| *Ampelisca* *brevicornis* (Costa, 1853) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 1.0 ± 0.6 | 1 ± 0.6 |  | - | - |
| *Ampelisca* sp. | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.7 ± 0.7 | 0.7 ± 0.3 |
| *Ampithoe* *ramondi* Audouin, 1826 | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |
| *Apherusa* sp. | 3.7 ± 1.2 | - |  | 1 ± 1 | - |  | 21.7 ± 5.2 | - |  | 16 ±1.7 | - |  | 1.3 ± 1.3 | 51 ± 19 |  | 9.3 ± 3.4 | 0.3 ± 0.3 |  | 3.3 ± 1.2 | 25.3 ± 4.4 |  | 0.3 ± 0.3 | 1 ± 0.6 |
| *Apocorophium* *acutum* (Chevreux, 1908) | - | - |  | - | - |  | 1 ± 0.6 | 0.3 ± 0.3 |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | 1 ± 0.6 |
| *Apolochus* *neapolitanus* (Della Valle, 1893) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |
| *Bathyporeia* cf. *elegans* Watkin, 1938 | 128.7 ± 43 | 5.7 ± 2.6 |  | 59 ± 9.7 | 35 ± 21 |  | 7.7 ± 3.3 | 35.7 ± 8.4 |  | 1871.3 ± 201 | 0.3 ± 0.3 |  | 11.3 ± 3.2 | 637 ± 168.6 |  | 193.3 ± 92.8 | 55 ± 14.1 |  | 5 ± 0.6 | 14.3 ± 0.7 |  | 0.3 ± 0.3 | 0.3 ± 0.3 |
| *Caprella acanthifera* Leach 1814 *sensu lato* | 1.7 ± 0.9 | - |  | - | - |  | 0.3 ± 0.3 | - |  | 1 ± 0.6 | - |  | - | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |
| *Caprella* aff. *caulerpensis* Guerra-García, Sánchez-Moyano & García-Gómez, 2002 | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | 0.3 ± 0.3 |  | - | - |
| *Caprella* cf. *hirsuta* Mayer, 1890 | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |
| *Cerapopsis longipes* (Della Valle, 1893) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | 0.3 ± 0.3 |  | 1 ± 1 | - |
| *Cheirocratus* sp. | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |
| *CoxIschyrocerus* *inexpectatus* (Ruffo, 1959) | - | - |  | - | - |  | 0.7 ± 0.3 | - |  | 4.7 ± 0.3 | - |  | - | - |  | - | - |  | - | - |  | - | - |
| *Dexamine* *spiniventris* (Costa, 1853) | 5.7 ± 2.9 | - |  | 2 ± 0.6 | - |  | 4.3 ± 3.4 | - |  | 2.7 ± 1.8 | 0.3 ± 0.3 |  | 3.7 ± 0.3 | 1.3 ± 0.9 |  | 6.3 ± 6.3 | 0.7 ± 0.7 |  | 4 ± 1.2 | 0.3 ± 0.3 |  | 43 ± 12.7 | - |
| *Dexamine* *spinosa* (Montagu, 1813) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 17 ± 0.6 | 8.7 ± 3.5 |
| *Echinogammarus* *planicrurus* (Reid, 1940) | 24 ± 10.1 | 9 ± 5.2 |  | 36.3 ± 3.8 | - |  | - | - |  | - | - |  | 1148 ± 458.5 | 457.3 ± 90.2 |  | - | - |  | 0.7 ± 0.7 | 4 ± 1.5 |  | - | - |
| *Elasmopus* sp. | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |
| *Ericthonius* *argenteus* Krapp-Schickel, 1993 | 0.3 ± 0.3 | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |  | - | - |  | - | - |
| *Gammarella* *fucicola* (Leach, 1814) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.7 ± 0.3 | - |
| *Gammaropsis* *palmata* (Stebbing & Robertson, 1891) | - | - |  | - | - |  | 20.3 ± 3.8 | - |  | 2.0 | - |  | - | - |  | - | - |  | - | - |  | - | - |
| *Guernea* *coalita* (Norman, 1868) | 2665.3 ± 1063.8 | 1 ± 1 |  | 17 ± 8.9 | 5.0 ± 1.7 |  | 0.3 ± 0.3 | - |  | 0.7 ± 1.2 | 3.3 ± 2.4 |  | 366.7 ± 155.4 | 408.3 ± 38.5 |  | 123.3 ± 54 | 0.7 ± 0.3 |  | 1.7 ± 0.7 | 3 ± 1.2 |  | 137.3 ± 38.3 | 77.3 ± 47.4 |
| *Hippomedon* sp. | - | - |  | - | - |  | 0.3 ± 0.3 | 0.3 ± 0.3 |  | - | - |  | - | 0.7 ± 0.3 |  | - | 0.7 ± 0.3 |  | - | 1 ± 0.6 |  | 1 ± 0.3 | 3.7 ± 0.3 |
| *Hyale* sp. | 19.3 ± 9.4 | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |  | 2.7 ± 1.2 | 0.7 ± 0.7 |  | - | - |  | - | - |  | - | - |
| *Jassa* *ocia* (Spence Bate, 1862) | 21.7 ± 3.2 | - |  | 0.7 ± 0.3 | - |  | - | - |  | 1 ± 0.6 | - |  | 7.3 ± 5.9 | 6.7 ± 1.5 |  | 0.3 ± 0.3 | - |  | 9.3 ± 3.8 | 1.3 ± 0.3 |  | 14 ± 0.6 | 2 ± 1 |
| *Jassa* *slatteryi* Conlan, 1990 | 2.7 ± 0.3 | - |  | - | - |  | 1.7 ± 0.3 | - |  | 10 ± 5 | - |  | - | - |  | 0.7 ± 0.7 | - |  | - | - |  | 0.3 ± 0.3 | - |
| *Leucothoe* sp. | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | 1 ± 0.3 |
| *Lysianassa* *costae* (H. Milne Edwards, 1830) | 10.7 ± 2.7 | - |  | 0.7 ± 0.3 | - |  | - | - |  | - | - |  | 12 ± 1.7 | 2.3 ± 1.5 |  | 1.3 ± 0.7 | - |  | 0.7 ± 0.7 | - |  | 0.7 ± 0.3 | - |
| *Megaluropus* *massiliensis* Ledoyer, 1976 | 0.3 ± 0.3 | - |  | 5 ± 2.1 | 16 ± 5.1 |  | 8.3 ± 4.3 | 5.3 ± 1.7 |  | 45 ± 8.7 | 3.7 ± 1.8 |  | - | 1 ± 0.3 |  | 0.7 ± 0.7 | 25.3 ± 10.7 |  | 35.7 ± 20.5 | 146 ± 7 |  | 6.7 ± 3.5 | 7 ± 2.5 |
| *Megaluropus* *monasteriensis* Ledoyer, 1976 | 17 ± 4.6 | - |  | 4 ± 3.5 | - |  | 1 ± 1 | - |  | 36.3 ± 13.3 | - |  | - | - |  | 10 ± 4.5 | - |  | 1 ± 1 | - |  | 2 ± 1.2 | 1 ± 0.3 |
| *Melita* *hergensis* Reid, 1939 | - | - |  | - | - |  | - | - |  | - | 0.7 ± 0.7 |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |  | - | - |
| *Metaphoxus* *fultoni* (Scott, 1890) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.7 ± 0.7 | - |
| *Metaphoxus* *simplex* (Spence Bate, 1857) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 1.3 ± 0.9 | - |
| *Microdeutopus chelifer* (Spence Bate, 1862) | - | - |  | - | - |  | 6 ± 5 | - |  | 4.7 ± 4.7 | - |  | - | - |  | 0.3 ± 0.3 | - |  | - | 0.7 ± 0.7 |  | - | 0.3 ± 0.3 |
| *Microdeutopus* *obtusatus* Myers, 1973 | 67 ± 27.7 | - |  | - | - |  | - | - |  | 3.0 ± 2.5 | - |  | 1.3 ± 0.3 | 1.7 ± 0.9 |  | - | - |  | - | - |  | 5 ± 3.5 | 3.3 |
| *Microdeutopus versiculatus* (Spence Bate, 1857) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.7 ± 0.7 | - |
| *Microprotopus* *maculatus* Norman, 1867 | - | - |  | 0.7 ± 0.3 | - |  | 0.3 ± 0.3 | 0.3 ± 0.3 |  | 0.3 ± 0.3 | - |  | - | - |  | 0.3 ± 0.3 | 0.3 ± 0.3 |  | - | 3.7 ± 1.2 |  | - | 0.3 ± 0.3 |
| *Monocorophium* *sextonae* (Crawford, 1937) | 3 ± 0.6 | - |  | - | - |  | - | - |  | - | - |  | 0.7 ± 0.3 | - |  | - | - |  | - | - |  | - | - |
| *Nototropis* *swammerdamei* (H. Milne Edwards, 1830) | 1389.3 ± 421.4 | 0.7 ± 0.3 |  | 37.7 ± 21 | 4.0 ± 1.5 |  | 35.3 ± 13.3 | 2 ± 1.5 |  | 41.3 ± 10.4 | 2 ± 1.2 |  | 3.7 ± 1.8 | 57.7 ± 25.5 |  | 59.7 ± 19.3 | 21.7 ± 2.3 |  | 223.3 ± 47.4 | 258 ± 40.2 |  | - | 1 ± 1 |
| *Peltocoxa* *marioni* Catta, 1875 | - | - |  | - | - |  | - | - |  | 0.7 ± 0.7 | - |  | - | - |  | - | - |  | - | - |  | - | - |
| *Perioculodes longimanus* (Spence Bate & Westwood, 1868) | 483 ± 241.2 | 4 ± 3.1 |  | 7 ± 2.1 | 3.7 ± 1.8 |  | 567.7 ± 340.3 | 150 ± 52 |  | 87.7 ± 7.9 | 4.7 ± 1.2 |  | 439.3 ± 176.6 | 117.3 ± 12.5 |  | 9.7 ± 0.9 | 30.3 ± 12.3 |  | 234.7 ± 92.7 | 693 ± 35 |  | 18.7 ± 7.1 | 5 ± 1.5 |
| *Phtisica marina* Slabber, 1769 | - | - |  | - | - |  | 2.3 ± 1.9 | - |  | - | - |  | - | - |  | - | - |  | - | 0.3 ± 0.3 |  | - | - |
| *Pleonexes helleri* (Karaman, 1975) | 21 ± 13.6 | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |  | - | 0.7 ± 0.7 |  | - | - |  | - | - |  | 0.3 ± 0.3 | 1.3 ± 0.9 |
| *Pontocrates arenarius* (Spence Bate, 1858) | 43.3 ± 14.9 | 8.7 ± 5.2 |  | 77.7 ± 18.2 | 95.7 ± 42 |  | 19 ± 11.4 | 25.3 ± 7.8 |  | 100.3 ± 9.5 | 0.7 ± 0.7 |  | - | 43.7 ± 3.3 |  | 162.3 ± 56.9 | 92.3 ± 27.5 |  | 3.7 ± 0.9 | 53 ± 13 |  | - | - |
| *Pseudoprotella phasma* (Montagu, 1804) | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |
| *Quadrimaera inaequipes* (A. Costa *in* Hope, 1851) | - | - |  | - | - |  | 0.7 ± 0.7 | - |  | 0.3 ± 0.3 | - |  | - | - |  | - | - |  | - | - |  | - | - |
| *Stenothoe monoculoides* (Montagu, 1813) | 17 ± 0.6 | - |  | 6.3 ± 3.2 | - |  | 11 ± 1.2 | - |  | 22.3 ± 10.5 | - |  | 1.3 ± 0.9 | - |  | 9 ± 5 | - |  | 0.3 ± 0.3 | 0.7 ± 0.3 |  | 3.3 ± 2 | 6 ± 4.6 |
| *Stenothoe tergestina* (Nebeski, 1881) | 1 ± 1 | - |  | - | - |  | 0.3 ± 0.3 | - |  | 3.3 ± 3.3 | - |  | - | - |  | - | - |  | - | - |  | - | - |
| *Synchelidium longidigitatum* Ruffo, 1947 | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | - | - |  | 9.7 ± 1.2 | 0.7 ± 0.7 |
| *Urothoe* cf. *pulchella* (Costa, 1853) | - | - |  | - | - |  | - | - |  | - | - |  | - | 0.3 ± 0.3 |  | - | - |  | - | - |  | - | - |
| *Urothoe* *elegans* Spence Bate, 1857 | - | - |  | - | - |  | - | 0.3 ± 0.3 |  | - | - |  | - | - |  | - | - |  | - | - |  | 0.3 ± 0.3 | - |