Supplementary Table S1. Literature sources for maps. Species are abbreviated by the first three letters of their names.

| Source | Species | Region |
| --- | --- | --- |
| Bate (1862) | OCI | U.K. |
| Heller (1866) | OCI | Croatia |
| Della Valle (1893) | OCI | Italy |
| Walker (1895) | OCI | U.K. |
| Chevreux (1900) | OCI | Azores |
| Stebbing (1906) | OCI | U.K. |
| Chevreux & Fage (1925) | OCI | France |
| Poisson & Legueux (1926) | OCI | France |
| Schellenberg (1931) | FRE | Chile |
| Jones (1948) | OCI | U.K. |
| Schellenberg (1953) | FRE | Namibia |
| Ruffo (1958) | OCI | France |
| Macquart-Moulin (1968) | OCI | France |
| Coustalin (1971) | OCI | France |
| J. L. Barnard (1972) | FRE | New Zealand |
| Bellan-Santini & Ledoyer (1973) | OCI | France |
| Bellan-Santini & Ledoyer (1973, 1974) | WAN | Crozet Islands |
| Thurston (1974a) | WAN | Antarctica: Graham Land and the Scotia Arc |
| Thurston (1974b) | WAN | South Orkney Islands |
| Lincoln (1979) | OCI | U.K. |
| Moore (1984) | OCI | U.K. |
| Koukouras et al. (1985) | OCI | Greece |
| Marques & Bellan-Santini (1985) | OCI | Portugal |
| Arresti et al. (1986) | OCI | Spain |
| Fishelson & Tal Haran (1986/87) | OCI | Israel |
| Bellan-Santini et al. (1989) | OCI | France, Italy, Croatia |
| Myers (1989) | OCI | France, Italy, Croatia |
| Alexeev (1991) | OCI | Black Sea |
| Jażdżewski et al. (1991 a, b) | WAN | Antarctica : King George I. |
| Lopes et al. (1993) | OCI | Azores |
| Dauvin (1999) | OCI | France |
| San Vicente & Sorbe (1999) | OCI | Spain |
| Dauby et al. (2001) | GON | Antarctica: E. Weddell Sea |
| Sezgin et al. (2001) | OCI | Turkey |
| Sorbe et al. (2002) | OCI | Israel |
| Kitsos & Koukouras (2003) | OCI | Greece |
| Munilla & San Vicente (2005) | OCI | Spain |
| Prato & Biandolino (2005) | OCI | Italy |
| Surugiu & Giurgiu (2006) | OCI | Romania |
| Sezgin & Katağan (2007) | OCI | Turkey |
| Keil et al. (2008) | GON | Antarctica |
| De Broyer et al. (2009) | GON, MUL, WAN | Antarctica and Southern Ocean |
| Ersoy Karaçuha et al. (2009) | OCI | Turkey |
| Grimes et al. (2009) | OCI | Algeria |
| Gozler et al. (2010) | OCI | Turkey |
| Teacă et al. (2010 a, b) | OCI | Romania |
| Bedini et al. (2011) | OCI | Italy |
| Uzunova (2011) | OCI | Bulgaria |
| Bakir (2012) | OCI | Turkey |
| Fiorentino et al. (2012) | OCI | Italy |
| Guerra-García et al. (2012) | OCI (and as *J. dentex*) | Spain, Portugal |
| Sezgin & Çil (2013) | OCI | Turkey |
| Bakir and Katağan (2014) | OCI | Turkey |
| Kim et al. (2014) | WAN | Antarctica: King George I. |
| Vereshchaka & Anokhina (2014) | OCI | Russia |
| Mülayim et al. (2015) | OCI | Turkey |
| Balkis et al. (2016) | OCI | Turkey |
| Michel et al. (2016) | OCI | France, Italy |
| Bertocci et al. (2017) | OCI | Italy |
| Çinar et al. (2017) | OCI | Turkey |
| Plicanti et al. (2017) | OCI | Portugal |
| Scipione et al. (2017) | OCI | Italy |
| Trayanova (2017) | OCI | Bulgaria |
| Varigin (2017) | OCI | Ukraine |
| Gravina et al. (2018) | OCI | Italy |
| Bonifazi et al. (2019) | OCI | Italy |
| Targusi et al. (2019) | OCI | Italy |
| Afonso et al. (2020) | OCI | Portugal |
| Sedano et al. (2020a,b) | OCI | Spain |

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