

Class **Pycnogonida** Latreille, 1810 (4 orders)<sup>1 2</sup>

Order †**Palaeoisopoda** Hedgpeth, 1978 (1 family)

    Family †**Palaeoisopodidae** Dubinin, 1957 (1 genus, 1 species)

Order †**Palaeopantopoda** Broili, 1930 (1 family)

    Family †**Palaeopantopodidae** Hedgpeth, 1955 (1 genus, 1 species)

Order †**Nectopantopoda** Bamber, 2007 (1 family)

    Family †**Haliestidae** Bamber, 2007 (1 genus, 1 species)

Order **Pantopoda** Gerstäcker, 1863 (2 suborders)<sup>3</sup>

    Suborder **Stiripasterida** Fry, 1978 (1 family)

        Family **Austrodecidae** Stock, 1954 (2 genera, 56 species)<sup>4</sup>

    Suborder **Eupantopodida** Fry, 1978 (6 superfamilies)

        Superfamily **Colossendeidoidea** Hoek, 1881 (1 family)

            Family **Colossendeidae** Hoek, 1881 (2 subfamilies)

                Subfamily **Colossendeinae** Hoek, 1881 (4 genera, 75 species)

                Subfamily **Hedgpethiinae** Pushkin, 1990 (2 genera, 27 species)

        Superfamily **Ascorhynchoidea** Pocock, 1904 (2 families)<sup>5</sup>

            Family **Ascorhynchidae** Hoek, 1881 (8 genera, 113 species)<sup>6</sup>

            Family **Amotheidae** Dohrn, 1881 (21 genera, 281 species)

            Family *incertae sedis* (9 genera, 16 species)

        Superfamily **Nymphonoidea** Pocock, 1904 (3 families)

            Family **Nymphonidae** Wilson, 1878 (6 genera; 268 species)

            Family **Callipallenidae** Hilton, 1942 (14 genera, 139 species)

            Family **Pallenopsidae** Fry, 1978 (2 genera, 81 species)

        Superfamily **Phoxichilidoidea** Sars, 1891 (2 families)

            Family **Phoxichilidiidae** Sars, 1891 (4 genera, 154 species)

            Family **Endeidae** Norman, 1908 (2 subfamilies)

                Subfamily **Endeinae** Norman, 1908 (1 genus, 18 species)

                Subfamily †**Palaeoendeinae** Bamber, 2007 (3 genera, 3 species)<sup>7</sup>

        Superfamily **Pycnogoidea** Pocock, 1904 (1 family)

            Family **Pycnogonidae** Wilson, 1878 (3 genera, 75 species)

        Superfamily **Rhynchothoracoidea** Fry, 1978 (1 family)

            Family **Rhynchothoracidae** Thompson, 1909 (1 genus, 19 species)

    Suborder †*incertae sedis* (2 genera, 2 species)

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1. **BY** Roger Bamber (for full contact address, see **Author name and address** after **References**). the title of this paper should be cited as “Class Pycnogonida Latreille, 1810. *In*: Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness”.
2. Currently recognized classification as in Bamber & El Nagar, 2011
3. As well as Suborder *incertae sedis* for two fossil genera
4. One genus, *Austrodecus* Hodgson 1907, contains three subgenera
5. As well as a group of genera in Ascorhynchoidea Family *incertae sedis*
6. *Bohemia dubia* Hedgpeth 1950 is considered *nomen dubium*
7. Bamber (2007) has suggested that two of these genera may be synonymous

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