

**Table 5: Family names and their synonyms**

**Table 5a:** Family Synonymy list in alphabetical order of current family names after Shelley 2003. Alternate spellings and listings at different ranks are not included. Family synonyms exclusively after Hoffman's (1980) *Classification of the Diplopoda*. Recent changes by Shelley (2003) are noted as (Shelley 03)

Current Family Name	Family Synonyms
? Peterjohnsiidae Mauriès, 1987	
? Speophilosomatidae Takakuwa, 1949	
Abacionidae Shelley, 1979	
Adiaphorostreptidae Hoffman, 1977	
Adritylidae Shear, 1971	
Allopocockiidae Keeton, 1960	
Altajellidae Mikhaljova and Golovatch, 2000	
Ammodesmidae Cook, 1896	
Andrognathidae Cope, 1869	
Anthroleucosomatidae Verhoeff, 1899	
Aphelidesmidae Brölemann, 1916	
Aprospylosomatidae Hoffman, 1961	
Apterouridae Loomis, 1966	
Atopetholidae Chamberlin, 1918a	
Atopogestidae Hoffman, 1980	
Attemsiidae Verhoeff, 1899	Rhiscosomidae Silvestri, 1909
Biokoviellidae Mr_i, 1992	
Bianiulidae C. L. Koch, 1847	Isobatidae Cook, 1895; Nemasomidae Chamberlin & Hoffman, 1958; Protoiulidae Verheoff, 1896
Brachychaeteumatidae Verhoeff, 1911	
Branneriidae Cook, 1896a	
Callipodidae Bollman, 1893	Lysiopetalidae Newport, 1844
Cambalidae Bollman, 1893	Dimerogoninae Verhoeff, 1924; Leioderidae Schubart, 1946; Nannolenidae Cook, 1895
Campodesmidae Cook, 1896	
Caseyidae Verhoeff, 1909	Underwoodiidae Verhoeff, 1909
Caspiopetalidae Lohmander, 1931	
Chamaesomatidae Verhoeff, 1913	
Chelodesmidae Cook, 1895	Eurydesmidae sensu auct., nec sensu Eurydesminae Attems, 1898, 1899; Leptodesminae Attems, 1898
Chelojudiae Enghoff, 1991	
Choctellidae Chamberlin and Hoffman, 1950	

Chordeumatidae C.L. Koch, 1847	
Cleidogonidae Cook, 1896	Bactropidae Chamberlin & Hoffman, 1958; Bactropodellidae, Jeekel, 1969; Dybasiidae Loomis, 1964; Mexiceumidae Verhoeff, 1926; Pseudocleididae Attems, 1926 (in part)
Conotylidae Cook, 1896	
Craspedosomatidae Gray in Jones, 1843	
Cryptodesmidae Karsch, 1880	
Cyrtodesmidae Cook, 1896	
Dalodesmidae Cook, 1896	Icodesmidae Brolemann, 1916; Semnosomidae Brolemann, 1916; Sphaerotrichopodidae Attems, 1914; Tuberculariini Brolemann, 1916; Vanhoeffeniidae Attems, 1914 (in part)
Diplomaragnidae Attems, 1907	
Doderiidae Silvestri, 1904 (Shelley 03)	Adenomerinae Verhoeff, 1912; Gervaisiidae Cook, 1895; Trachysphaeridae Strasser, 1971 (Shelley 03)
Doratodesmidae Cook, 1896a	
Dorsoporidae Loomis, 1958	
Dorypetalidae Verhoeff, 1900	
Entomobielziidae Verhoeff, 1899	Pseudocleididae Attems, 1899
Eudigonidae Verhoeff, 1914	
Eurymerodesmidae Causey, 1951	
Euryyuridae Pocock, 1909 (Shelley 03)	Euryyuridae Pocock, 1909
Faginidae Attems, 1926	
Floridobolidae Keeton, 1959	
Fuhrmannodesmidae Brölemann, 1916	
Galliobatidae Brolemann, 1921	
Glomeridae Leach, 1815	Geoglomeridae Verhoeff, 1915; Myrmecomerinae, Verhoeff, 1908; Onychoglomerini+Malayomerini Verhoeff, 1915; Onomerididae Cook, 1896; Rhopalomerinae Verhoeff, 1906; Strasseriini Verhoeff, 1929; Spelaeoglomerini Brolemann, 1913
Glomeridellidae Cook, 1896b	
Glomeridesmidae Latzel, 1884	Zephroniodesmidae Cook, 1895
Glyphiulidae Chamberlin, 1922 (Shelley 03)	Agastrophinae Verhoeff, 1924; Cambalopsidae Cook, 1895; Dolichoglyphiulinae Verhoeff, 1938; Trachyjulidae Silvestri, 1896
Golovatchiidae Shear, 1992	
Gomphodesmidae Cook, 1896	Eurydesminae Attems, 1898, 1899
Haaseidae Attems, 1899	Orobainosomidae Verhoeff, 1899

Haasiidae Hoffman, 1980	
Haplobainosomatidae Verhoeff, 1909	
Haplodesmidae Cook, 1895	Haplosomidae Silvestri, 1895
Harpagophoridae Attems, 1909	
Heterochordeumatidae Pocock, 1894	
Heterolatzeliidae Verhoeff, 1899	
Hirudisomatidae Silvestri, 1896	
Hoffmaneamatidae Golovatch, 1978	
Hoffmanobolidae Shelley, 2001	
Holistophallidae Silvestri, 1909	
Hypogexenidae Schubart, 1947	
Iulomorphidae Verhoeff, 1924	?Podykipodinae Verhoeff, 1924; Samichinae Verhoeff, 1944
Julidae Leach, 1814	Deuteriulinae Verhoeff, 1896
Kashmireumatidae Mauriès, 1982	
Lankasomatidae Mauriès, 1978	
Lophoproctidae Silvestri, 1897	
Lusitaniosomatidae Schubart, 1953	
Macrochaeteumatidae Verhoeff, 1914	
Macrosternodesmidae Brölemann, 1916	?Cottodesminae Verhoeff, 1936
Mastigophorophyllidae Verhoeff, 1899	
Megalotyliidae Golovatch, 1978	
Messicobolidae Loomis, 1968	
Metopidiotrichidae Attems, 1907	
Microlympiidae Shear and Leonard, 2003	
Mongoliulidae Pocock, 1903	
Nearctodesmidae Chamberlin & Hoffman, 1950	
Nemasomatidae Bollman, 1893	
Neoatractosomatidae Verhoeff, 1901	
Niponiosomatidae Verhoeff, 1941	
Odontopygidae Attems, 1909	
Okeanobatidae Verhoeff, 1942	
Oniscodesmidae DeSaussure, 1860	Crypturodesmidae Silvestri, 1897
Opisotretidae Hoffman, 1980	
Opisthocheiridae Ribaut, 1913	?Ceratsphyinae Verhoeff, 1929; Hispaniosomatidae Verhoeff, 1929
Origmatogonidae Verhoeff, 1914	
Oxydesmidae Cook, 1895	
Pachybolidae Cook, 1897	Atopochetidae Attems, 1953
Paeromopidae Cook, 1895	Californiulidae Verhoeff, 1938
Paracortinidae Wang and Zhang, 1993	
Paradoxosomatidae Daday, 1889	Strongylosomatidae Cook, 1895
Parajulidae Bollman, 1893	
Pericambalidae Silvestri, 1909	

Platydesmidae DeSaussure, 1860	
Platyrhacidae Pocock, 1895	
Polydesmidae Leach, 1815	Eupolydesmidae Attems, 1898; Mastigonodesmidae Attems, 1914; Scytonotidae Cook, 1911
Polyxenidae Lucas, 1840	
Polyzoniidae Newport, 1844	
Pseudonannolenidae Silvestri, 1895	Epinannolenidae Chambelin, 1922
Pseudonemasomatidae Enghoff, 1991	
Pseudospirobolellidae Brölemann, 1913	
Pygmaeosomatidae Carl, 1941	
Pyrgodesmidae Silvestri, 1896	Ceratesmidae Chamberlin, 1942; Chatelaineidae Cook, 1911; Chytodesmidae Cook, 1896; Decaporodesmidae Kenyon, 1899; ?Eoromidae Cook & Loomis, 1936; Hercodesmidae Cook, 1896; Idiurodesmini Silvestri, 1925; Klimakodesminae Verhoeff, 1939; Lophoscytinae Verhoeff, 1939; Stiodesmidae Cook, 1896; Stenotodesminae Causey, 1971; Stylodesmidae Cook, 1896; Termitopteryginae Verhoeff, 1939
Rhachodesmidae Carl, 1903	Aceratophallinae Verhoeff, 1941; Cornalatinae, Verhoeff, 1941
Rhinocricidae Brölemann, 1913	Oxypyginae Schubart, 1951
Rhiscosomididae Silvestri, 1909	
Rhopaloiulidae Attems, 1926	
Schizopetalidae Verhoeff, 1909	
Sinocallipodidae Zhang, 1993	
Siphoniulidae Pocock, 1894	
Siphonocryptidae Pocock, 1894	
Siphonophoridae Newport, 1844	Californizoniinae Verhoeff, 1941; Columbiozoniinae Verhoeff, 1941; Lombokniinae Verhoeff 1941 (unavailable)
Siphonorhinidae Cook, 1895	Indiozoniinae Verheoff, 1941; Nematozoniidae Verhoeff, 1939 (Shelley 03); Teratognathidae Attems, 1951
Siphonotidae Cook, 1895	Bureniidae Verhoeff, 1937
Sphaeriodesmidae Humbert & DeSaussure, 1869	
Sphaerotheriidae C.L. Koch, 1847	
Spirobolellidae Brölemann, 1913	
Spirobolida Bollman, 1893	
Spirostreptidae Pocock, 1894	Haplogonopodinae Verhoeff, 1941; Heterostreptinae Schubart, 1968; Orthogoneptidae Chamberlin, 1941;

	Perustreptinae Verheoff, 1941; Phallorthidae Chamberlin, 1952; Trachystreptidae Cook, 1895; Triaenostreptinae Attems, 1914
Stemmiulidae Pocock, 1894a	
Striariidae Bollman, 1893	
Synxenidae Silvestri, 1923	Schindalomonotinae + Synxeninae Verhoeff, 1939
Telsonemasomatidae Enghoff, 1991	
Tinguipidae Loomis, 1966	
Trachygonidae Cook, 1896	Trachysomidae Silvestri, 1896
Trichoblaniulidae Verhoeff, 1911	
Trichonemasomatidae Enghoff, 1991	
Trichopetalidae Verhoeff, 1914	
Trichopolydesmidae Verhoeff, 1910	
Tridontomidae Loomis and Hoffman, 1962	
Trigoniulidae Attems, 1909 (Shelley 03)	Trigoniulinae (in Hoffman 1980)
Typhlobolellidae Hoffman, 1969	
Urochordeumatidae Silvestri, 1909	
Vaalogonopodidae Verhoeff, 1940	
Vandeleumatidae Mauriès, 1970	
Verhoeffiidae Verhoeff, 1899	Haplogonidae Hoffman, 1971
Xystodesmidae Cook, 1895	Fontariidae Attems, 1926
Zephroniidae Gray in Jones, 1843 (Shelley 03)	Sphaeropoeidae Brolemann, 1913
Zosteractinidae Loomis	

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Family Synonyms	Current Family Name
?Ceratsphyinae Verhoeff, 1929	Opisthocheiridae Ribaut, 1913
?Cottodesminae Verhoeff, 1936	Macrosternodesmidae Brölemann, 1916
?Eoromidae Cook & Loomis, 1936	Pyrgodesmidae Silvestri, 1896
?Podykipodinae Verhoeff, 1924	Iulomorphidae Verhoeff, 1924
Aceratophallinae Verhoeff, 1941	Rhachodesmidae Carl, 1903
Adenomerinae Verhoeff, 1912	Doderiidae Silvestri, 1904 (Shelley 03)
Agastrophinae Verhoeff, 1924	Glyphiulidae Chamberlin, 1922 (Shelley 03)
Atopochetidae Attems, 1953	Pachybolidae Cook, 1897
Bactropidae Chamberlin & Hoffman, 1958	Cleidogonidae Cook, 1896
Bactropodellidae, Jeekel, 1969	Cleidogonidae Cook, 1896
Bureniidae Verhoeff, 1937	Siphonotidae Cook, 1895
Californiulidae Verhoeff, 1938	Paeromopidae Cook, 1895
Californizoniinae Verhoeff, 1941	Siphonophoridae Newport, 1844
Cambalopsidae Cook, 1895	Glyphiulidae Chamberlin, 1922 (Shelley 03)
Ceratesmidae Chamberlin, 1942	Pyrgodesmidae Silvestri, 1896
Chatelaineidae Cook, 1911	Pyrgodesmidae Silvestri, 1896
Chytodesmidae Cook, 1896	Pyrgodesmidae Silvestri, 1896
Columbiozoniinae Verhoeff, 1941	Siphonophoridae Newport, 1844
Cornalatinae, Verhoeff, 1941	Rhachodesmidae Carl, 1903
Crypturodesmidae Silvestri, 1897	Oniscodesmidae DeSaussure, 1860
Decaporodesmidae Kenyon, 1899	Pyrgodesmidae Silvestri, 1896
Deuteroiulinae Verhoeff, 1896	Julidae Leach, 1814
Dimerogoninae Verhoeff, 1924	Cambalidae Bollman, 1893
Dolichoglyphiulinae Verhoeff, 1938	Glyphiulidae Chamberlin, 1922 (Shelley 03)
Dybasiidae Loomis, 1964	Cleidogonidae Cook, 1896
Epinannolenidae Chambelin, 1922	Pseudonannolenidae Silvestri, 1895
Eupolydesmidae Attems, 1898	Polydesmidae Leach, 1815
Eupolydesmidae Attems, 1898	Polydesmidae Leach, 1815
Eurydesmidae sensu auct., nec sensu Eurydesminae Attems, 1898	Chelodesmidae Cook, 1895
Eurydesminae Attems, 1898, <b>check his monograph</b>	Gomphodesmidae Cook, 1896
Euryuridae	Euryyuridae Pocock, 1909 (Shelley 03)
Fontariidae Attems, 1926	Xystodesmidae Cook, 1895
Geoglomeridae Verhoeff, 1915	Glomeridae Leach, 1815
Gervaisiidae Cook, 1895	Doderiidae Silvestri, 1904 (Shelley 03)
Haplogonidae Hoffman, 1971	Verhoeffiidae Verhoeff, 1899

Haplogonopodinae Verhoeff, 1941	Spirostreptidae Pocock, 1894
Haplosomidae Silvestri, 1895	Haplodesmidae Cook, 1895
Hercodesmidae Cook, 1896	Pyrgodesmidae Silvestri, 1896
Heterostreptinae Schubart, 1968	Spirostreptidae Pocock, 1894
Hispaniosomidae Verhoeff, 1929	Opisthocheiridae Ribaut, 1913
Icodesmidae Brolemann, 1916	Dalodesmidae Cook, 1896
Idiurodesmini Silvestri, 1925	Pyrgodesmidae Silvestri, 1896
Indiozoniinae Verhoeff, 1941	Siphonorhinidae Cook, 1895
Isobatidae Cook, 1895	Blaniulidae C. L. Koch, 1847
Klimakodesminae Verhoeff, 1939	Pyrgodesmidae Silvestri, 1896
Leioderidae Schubart, 1946	Cambalidae Bollman, 1893
Leptodesminae Attems, 1898	Chelodesmidae Cook, 1895
Lombokniinae Verhoeff 1941 (unavailable)	Siphonophoridae Newport, 1844
Lophoscytinae Verhoeff, 1939	Pyrgodesmidae Silvestri, 1896
Lysipetalidae Newport, 1844	Callipodidae Bollman, 1893
Mastigonodesmidae Attems, 1914	Polydesmidae Leach, 1815
Mexiceumidae Verhoeff, 1926	Cleidogonidae Cook, 1896
Myrmecomerinae, Verhoeff, 1908	Glomeridae Leach, 1815
Nannolenidae Cook, 1895	Cambalidae Bollman, 1893
Nemasomidae Chamberlin & Hoffman, 1958	Blaniulidae C. L. Koch, 1847
Nematozoniidae Verhoeff, 1939 (Shelley 03)	Siphonorhinidae Cook, 1895
Onomerididae Cook, 1896	Glomeridae Leach, 1815
Onychoglomerini+Malayomerini Verhoeff, 1915	Glomeridae Leach, 1815
Orobainosomidae Verhoeff, 1899	Haaseidae Attems, 1899
Orthogoneptidae Chamberlin, 1941	Spirostreptidae Pocock, 1894
Oxypyginae Schubart, 1951	Rhinocricidae Brölemann, 1913
Perustreptinae Verhoeff, 1941	Spirostreptidae Pocock, 1894
Phallorthidae Chamberlin, 1952	Spirostreptidae Pocock, 1894
Protoiulidae Verhoeff, 1896	Blaniulidae C. L. Koch, 1847
Pseudocleididae Attems, 1899	Entomobielziidae Verhoeff, 1899
Pseudocleididae Attems, 1926 (in part)	Cleidogonidae Cook, 1896
Rhiscosomidae Silvestri, 1909	Attemsiidae Verhoeff, 1899
Rhopalomerinae Verhoeff, 1906	Glomeridae Leach, 1815
Samichinae Verhoeff, 1944	Iulomorphidae Verhoeff, 1924
Schindalomonotinae + Synxeninae Verhoeff, 1939	Synxenidae Silvestri, 1923
Semnosomidae Brolemann, 1916	Dalodesmidae Cook, 1896
Spelaeoglomerini Brolemann, 1913	Glomeridae Leach, 1815
Sphaeropoeidae Brolemann, 1913	Zephroniidae Gray in Jones, 1843 (Shelley 03)
Sphaerotrichopodidae Attems, 191	Dalodesmidae Cook, 1896
Stenotodesminae Causey, 1971	Pyrgodesmidae Silvestri, 1896

Stiodesmidae Cook, 1896	Pyrgodesmidae Silvestri, 1896
Strasseriini Verhoeff, 1929	Glomeridae Leach, 1815
Strongylosomatidae Cook, 1895	Paradoxosomatidae Daday, 1889
Styloidesmidae Cook, 1896	Pyrgodesmidae Silvestri, 1896
Teratognathidae Attems, 1951	Siphonorhinidae Cook, 1895
Termitopteryginae Verhoeff, 1939	Pyrgodesmidae Silvestri, 1896
Trachyjulidae Silvestri, 1896	Glyphiulidae Chamberlin, 1922 (Shelley 03)
Trachysomidae Silvestri, 1896	Trachygonidae Cook, 1896
Trachysphaeridae Strasser, 1971 (Shelley 03)	Doderiidae Silvestri, 1904 (Shelley 03)
Trachystreptidae Cook, 1895	Spirostreptidae Pocock, 1894
Triaenostreptinae Attems, 1914	Spirostreptidae Pocock, 1894
Trigoniulinae (in Hoffman 1980)	Trigoniulidae Attems, 1909 (Shelley 03)
Tuberculariini Brolemann, 1916	Dalodesmidae Cook, 1896
Underwoodiidae Verhoeff, 1909	Caseyidae Verhoeff, 1909
Vanhoeffeniidae Attems, 1914 (in part)	Dalodesmidae Cook, 1896
Zephroniodesmidae Cook, 1895	Glomeridesmidae Latzel, 1884

### **Millipede Families without Synonyms**

? Peterjohnsiidae Mauriès, 1987	Conotylidae Cook, 1896
? Speophilosomatidae Takakuwa, 1949	Craspedosomatidae Gray in Jones, 1843
Abacionidae Shelley, 1979	Cryptodesmidae Karsch, 1880
Adiaphorostreptidae Hoffman, 1977	Cyrtodesmidae Cook, 1896
Adritylidae Shear, 1971	Diplomaragnidae Attems, 1907
Allopocockiidae Keeton, 1960	Doratodesmidae Cook, 1896a
Altajellidae Mikhaljova and Golovatch, 2000	Dorsoporidae Loomis, 1958
Ammodesmidae Cook, 1896	Dorypetalidae Verhoeff, 1900
Andrognathidae Cope, 1869	Eudigonidae Verhoeff, 1914
Anthroleucosomatidae Verhoeff, 1899	Eurymerodesmidae Causey, 1951
Aphelidesmidae Brölemann, 1916	Faginidae Attems, 1926
Aprosphylosomatidae Hoffman, 1961	Floridobolidae Keeton, 1959
Apterouridae Loomis, 1966	Fuhrmannodesmidae Brölemann, 1916
Atopetholidae Chamberlin, 1918a	Galliobatidae Brolemann, 1921
Atopogestidae Hoffman, 1980	Glomeridellidae Cook, 1896b
Biokoviellidae Mr_i, 1992	Golovatchiidae Shear, 1992
Brachychaeteumatidae Verhoeff, 1911	Haasiidae Hoffman, 1980
Branneriidae Cook, 1896a	Haplobainosomatidae Verhoeff, 1909
Campodesmidae Cook, 1896	Harpagophoridae Attems, 1909
Caspiopetalidae Lohmander, 1931	Heterochordeumatidae Pocock, 1894
Chamaesomatidae Verhoeff, 1913	Heterolatzeliidae Verhoeff, 1899
Cheljudiaae Enghoff, 1991	Hirudisomatidae Silvestri, 1896
Choctellidae Chamberlin and Hoffman, 1950	Hoffmanematidae Golovatch, 1978
Chordeumatidae C.L. Koch, 1847	Hoffmanobolidae Shelley, 2001
	Holistophallidae Silvestri, 1909
	Hypogexenidae Schubart, 1947



Kashmireumatidae Mauriès, 1982	Pseudonemasomatidae Enghoff, 1991
Lankasomatidae Mauriès, 1978	Pseudospirobolellidae Brölemann, 1913
Lophoproctidae Silvestri, 1897	Pygmaeosomatidae Carl, 1941
Lusitaniosomatidae Schubart, 1953	Rhiscosomididae Silvestri, 1909
Macrochaeteumatidae Verhoeff, 1914	Rhopaloiulidae Attems, 1926
Mastigophorophyllidae Verhoeff, 1899	Schizopetalidae Verhoeff, 1909
Megalotyliidae Golovatch, 1978	Sinocallipodidae Zhang, 1993
Messicobolidae Loomis, 1968	Siphoniulidae Pocock, 1894
Metopidiotrichidae Attems, 1907	Siphonocryptidae Pocock, 1894
Microlympiidae Shear and Leonard, 2003	Sphaeriodesmidae Humbert & DeSaussure, 1869
Mongoliulidae Pocock, 1903	Sphaerotheriidae C.L. Koch, 1847
Nearctodesmidae Chamberlin & Hoffman, 1950	Spirobolellidae Brölemann, 1913
Nemasomatidae Bollman, 1893	Spirobolida Bollman, 1893
Neoattractosomatidae Verhoeff, 1901	Stemmiulidae Pocock, 1894a
Niponiosomatidae Verhoeff, 1941	Striariidae Bollman, 1893
Odontopygidae Attems, 1909	Telsonemasomatidae Enghoff, 1991
Okeanobatidae Verhoeff, 1942	Tinguipidae Loomis, 1966
Opisotretidae Hoffman, 1980	Trichoblaniulidae Verhoeff, 1911
Origmatogonidae Verhoeff, 1914	Trichonemasomatidae Enghoff, 1991
Oxydesmidae Cook, 1895	Trichopetalidae Verhoeff, 1914
Paracortinidae Wang and Zhang, 1993	Trichopolydesmidae Verhoeff, 1910
Parajulidae Bollman, 1893	Tridontomidae Loomis and Hoffman, 1962
Pericambalidae Silvestri, 1909	Typhlobolellidae Hoffman, 1969
Platydesmidae DeSaussure, 1860	Urochordeumatidae Silvestri, 1909
Platyrhacidae Pocock, 1895	Vaalogonopodidae Verhoeff, 1940
Polyxenidae Lucas, 1840	Vandeleumatidae Mauriès, 1970
Polyzoniidae Newport, 1844	Zosteractinidae Loomis