

Appendix 1. Names of coastal polychaetes from central California coast (June 2007). Sources are: Hartman (1969), Lights (1975) and Light's Manual (1975), and professional documents and student reports at the Bodega Marine Lab library (Finity 2006).

Status according to International Taxonomic Information Service (ITIS) and Lights Manual (L2007) listed as accepted name (Y), synonym (syn), corrected (corr), not recognized (ITIS blank), or not present (L2007 blank).

Species names accepted if in Lights (2007) or if recognized by ITIS with evidence of presence in eastern Pacific from another source.

Names in red (Rej column) rejected because not identified to species (unsp), superseded by synonym (syn),

corrected to another species (corr), or not valid (nv). Names reported by only one student rejected (st) unless

supported by professional document. Genus name assigned to species if monospecific genus (mono).

Abbreviations: H1968 = Hartman 1968, H1969 = Hartman 1969, K1996 = Kozloff 1996, L1975 = Lights Manual 1975,

SVLM2004 = Salazar-Valejo and Londono-Mesa 2004

| | Auth | ITIS | L2007 | Rej | Source (retain/reject) |
|----------------------------------|----------------------|------|-------|------|---|
| Aphroditidae | | | | | |
| <i>Aphrodite refulgida</i> | Moore, 1910 | | Y | | H1968 |
| Polynoidae | | | | | |
| <i>Arctonoe fragilis</i> | (Baird, 1863) | Y | Y | | H1968 |
| <i>Arctonoe pulchra</i> | (Johnson, 1897) | Y | Y | | H1968 |
| <i>Acholoe vittata</i> | n/a | | | syn | <i>Polynoe vittata</i> |
| <i>Arctonoe vittata</i> | (Grube, 1855) | Y | Y | | = <i>Polynoe vittata</i> H1968 |
| <i>Eunoe barbata</i> | Moore, 1910 | Y | | | BML specimen H72a (Belman) |
| <i>Halosydna johnsoni</i> | (Darboux, 1899) | Y | | syn | <i>H. brevisetosa</i> L1975 contra ITIS |
| <i>Halosydna brevisetosa</i> | Kinberg, 1855 | Y | Y | | = <i>H. johnsoni</i> L1975 |
| <i>Harmothoe hirsuta</i> | Johnson, 1897 | Y | Y | | |
| <i>Harmothoe imbricata</i> | (Linnaeus, 1767) | Y | Y | | |
| <i>Harmothoe lunulata</i> | (delle Chiaje, 1841) | syn | corr | corr | <i>Malmgreniella macginitiei</i> L2007 contra ITIS |
| <i>Hesperonoe adventor</i> | (Skogsberg, 1928) | Y | Y | | |
| <i>Hesperonoe complanata</i> | (Johnson, 1901) | Y | Y | | |
| <i>Lepidasthenia berkeleyae</i> | Pettibone, 1993 | Y | Y | | = <i>L. interrupta</i> |
| <i>Lepidasthenia interrupta</i> | (Marenzeller 1902) | Y | | syn | <i>L. berkeleyae</i> |
| <i>Lepidonotus caelorus</i> | Moore, 1903 | syn | | syn | <i>L. squamatus</i> H1968 |
| <i>Lepidonotus squamatus</i> | (Linnaeus, 1767) | Y | Y | | = <i>L. caelorus</i> H1968 |
| <i>Malmgreniella macginitiei</i> | Pettibone, 1993 | | Y | | = <i>Harmothoe lunulata</i> L2007 contra ITIS |
| <i>Polynoe vittata</i> | Grube, 1855 | syn | | syn | <i>Arctonoe vittata</i> H1968 |
| Pholoidae | | | | | |
| <i>Peisidice aspera</i> | Johnson, 1897 | syn | syn | syn | <i>Pholoides aspera</i> L2007 |
| <i>Pholoides asperus</i> | (Johnson, 1897) | Y | Y | | = <i>Peisidice aspera</i> L2007 |
| <i>Pholoe minuta</i> | (Fabricius, 1780) | Y | corr | corr | to <i>Pholoides asperus</i> L2007 |
| <i>Pholoe tuberculata</i> | Southern, 1914 | | | nv | not H1968, etc |

| | | | | | | |
|-------------------------------------|---------------------|---|------|------|---|----------------------------|
| Sigalionidae | | | | | | |
| <i>Sthenelais fusca</i> | Johnson, 1897 | Y | Y | | | |
| <i>Sthenelais tertiaglabra</i> | Moore, 1910 | Y | Y | | | |
| Chrysopetalidae | | | | | | |
| <i>Chrysopetalum occidentale</i> | Johnson, 1897 | Y | Y | | | |
| <i>Paleanotus chrysolepis</i> | Schmarda, 1861 | Y | | syn | P. bellis | SCAMIT 2001 contra ITIS |
| <i>Paleanotus bellis</i> | (Johnson, 1897) | Y | Y | | = P. chrysolepis | SCAMIT 2001 |
| Pisionidae | | | | | | |
| <i>Pisione hermansi</i> | Gradek, 1991 | | Y | | | |
| Amphinomidae | | | | | | |
| <i>Pareurythoe californica</i> | (Johnson, 1897) | Y | Y | | | |
| Euphrosinidae | | | | | | |
| <i>Euphrosine aurantiaca</i> | Johnson, 1897 | | Y | | | L2007 contra ITIS |
| Phyllodocidae | | | | | | |
| <i>Anaitides longipes</i> | (Kinberg, 1866) | Y | | syn | Phyllodoce longipes | SVLM2004 contra ITIS |
| <i>Anaitides madeirensis</i> | Langerhans, 1880 | Y | | syn | Phyllodoce madeirensis | SVLM2004 contra ITIS |
| <i>Anaitides mediapapillata</i> | Moore, 1909 | | | syn | syn Phyllodoce mediapapillata | L2007 |
| <i>Anaitides williamsi</i> | Hartman, 1936 | Y | | syn | syn Phyllodoce williamsi | L2007 contra ITIS |
| <i>Clavadoce splendida</i> | Hartman, 1936 | | Y | | | L2007 contra ITIS |
| <i>Eteone longa</i> | (Fabricius, 1780) | Y | corr | corr | to E. californica | L2007 |
| <i>Eteone californica</i> | Hartman, 1936 | Y | Y | | corr from E. longa | L2007 |
| <i>Eteone dilatata</i> | Hartman, 1936 | Y | Y | | | |
| <i>Eteone flava</i> | (Fabricius, 1780) | Y | | nv | | |
| <i>Eteone lighti</i> | Hartman, 1936 | Y | Y | | | |
| <i>Eteone pacifica</i> | Hartman, 1936 | Y | Y | | | |
| <i>Eulalia aviculisetata</i> | Hartman, 1936 | Y | syn | syn | E. quadrioculata | L2007 contra ITIS |
| <i>Eulalia bilineata</i> | (Johnston, 1840) | Y | corr | corr | to E. californiensis | L2007 |
| <i>Eulalia californiensis</i> | (Hartman, 1936) | | Y | | corr from E. bilineata =Steggoa californiensis | L2007 contra ITIS L2007 |
| <i>Eulalia parasteggoa</i> | n/a | | | nv | | Hartman 1936 but not 1969 |
| <i>Eulalia quadrioculata</i> | Moore, 1906 | Y | Y | | =E. aviculisetata | L2007 |
| <i>Eulalia viridis</i> | (Linnaeus, 1767) | Y | Y | | | |
| <i>Eumida bifoliata</i> | (Moore, 1909) | Y | syn | syn | Sige bifoliata | L2007 contra ITIS |
| <i>Eumida longicornuta</i> | (Moore, 1906) | Y | | | | H1969 contra L2007 |
| <i>Eumida sanguinea</i> | (Oersted, 1843) | Y | Y | | | |
| <i>Genetyllis castanea</i> | (Marenzeller, 1879) | Y | syn | syn | Nereiphylla castanea | L2007 contra ITIS |
| <i>Hesionura coineai difficilis</i> | Banse, 1963 | Y | Y | | from Hesionura sp. | |
| <i>Nereiphylla castanea</i> | (Marenzeller, 1879) | | Y | | = Genetyllis castanea | L2007 contra ITIS |

Phyllodocidae

| | | | | | | |
|----------------------------------|------------------|-----|-----|----|---------------------------|---------------------------|
| <i>Phyllodoce ferruginea</i> | Moore, 1909 | Y | | nv | | Hartman 1936 but not 1968 |
| <i>Phyllodoce longipes</i> | (Kinberg, 1866) | syn | Y | | =Anaitides longipes | SVLM2004 contra ITIS |
| <i>Phyllodoce madeirensis</i> | Langerhans, 1880 | syn | | | st = Siddiqui | Duxbury Reef + K1996 |
| <i>Phyllodoce mediapapillata</i> | Moore, 1909 | | Y | | =Anaitides mediapapillata | L2007 contra ITIS |
| <i>Phyllodoce williamsi</i> | Hartman, 1936 | | Y | | =Anaitides williamsi | L2007 contra ITIS |
| <i>Sige bifoliata</i> | (Moore, 1909) | | Y | | = Eumida bifoliata | L2007 contra ITIS |
| <i>Steggoa californiensis</i> | Hartman, 1936 | syn | syn | | Eulalia californiensis | L2007 |

Hesionidae

| | | | | | | |
|-------------------------------------|----------------------------|-----|------|------|--|----------------------------|
| <i>Gyptis brevipalpa</i> | (Hartmann-Schroeder, 1959) | syn | corr | corr | Podarkeopsis glabrus | L2007 |
| <i>Ophiodromus pugettensis</i> | (Johnson, 1901) | syn | Y | | =Podarke pugettensis | L2007 contra ITIS |
| <i>Oxydromus arenicolus glabrus</i> | Hartman, 1961 | | syn | syn | Podarkeopsis glabrus | |
| <i>Podarke pugettensis</i> | Johnson, 1901 | Y | | syn | Ophiodromus pugettensis | L2007 contra ITIS |
| <i>Podarkeopsis glabrus</i> | (Hartman, 1961) | | Y | | =Gyptis brevipalpa = Oxydromus arenicolus glabrus | L2007 contra ITIS L2007 |

Pilargiidae

| | | | | | | |
|-----------------------------|-----------------|---|---|-----|-----------------------|-------------------|
| <i>Ancistrosyllis bassi</i> | Hartman, 1945 | | | syn | SCAMIT 2001 | |
| <i>Pilargis berkeleyae</i> | Monro, 1933 | | Y | | | L2007 contra ITIS |
| <i>Pilargis maculata</i> | Hartman, 1947 | Y | Y | | | |
| <i>Sigambra bassi</i> | (Hartman, 1945) | Y | Y | | =Ancistrosyllis bassi | |

Syllidae

| | | | | | | |
|-------------------------------------|---------------------------|-----|---|-----|--------------------------------|------------------------------|
| <i>Autolytus varius</i> | Treadwell, 1914 | | Y | | | L2007 contra ITIS |
| <i>Brania limbata</i> | (Claparede, 1868) | Y | | | common European species | PMS77 +Brania in H1968 |
| <i>Exogone dwisula</i> | Kudenov and Harris, 1995 | Y | Y | | | |
| <i>Exogone lourei</i> | Berkeley & Berkeley, 1938 | Y | Y | | | |
| <i>Sphaerosyllis californiensis</i> | Hartman, 1966 | Y | Y | | | |
| <i>Eusyllis blomstrandii</i> | Malmgren, 1867 | Y | | | | Blake et al 1993 |
| <i>Hesperalia californiensis</i> | Chamberlin ? | | | nv | (=Odontosyllis? Fauchald 1977) | |
| <i>Odontosyllis parva</i> | Berkeley, 1923 | Y | Y | | | |
| <i>Odontosyllis phosphorea</i> | Moore, 1909 | Y | Y | | | |
| <i>Pionosyllis gigantea</i> | Moore, 1908 | Y | Y | | | |
| <i>Amblyosyllis sp.</i> | | | Y | | not confirmed in recent coll. | L2007 contra ITIS |
| <i>Haplosyllis spongicola</i> | (Grube, 1855) | Y | Y | | | |
| <i>Syllis elongata</i> | (Johnson, 1901) | Y | Y | | | |
| <i>Syllis gracilis</i> | Grube, 1840 | Y | Y | | | |
| <i>Syllis alternata</i> | Moore, 1908 | syn | | syn | Typosyllis alternata | H1968 |
| <i>Syllis fasciata</i> | Malmgren, 1867 | syn | | syn | Typosyllis fasciata | H1968 |
| <i>Trypanosyllis gemmipara</i> | Johnson, 1901 | Y | Y | | | |
| <i>Trypanosyllis ingens</i> | Johnson, 1902 | Y | Y | | | |
| <i>Trypanosyllis zebra</i> | (Grube, 1860) | Y | | st | st=Pettibone 1941 | not H1968, SCAMIT2001, K1996 |

| | | | | | | | |
|------------------------------------|-----------------------------|-----|-----|-----|---|---------------------------|--|
| <i>Trypanosyllis adamanteus</i> | Treadwell, 1914 | | | syn | <i>Typosyllis adamanteus</i> | H1968 | |
| <i>Typosyllis aciculata</i> | Treadwell, 1945 | Y | Y | | | | |
| <i>Typosyllis adamanteus</i> | (Treadwell, 1914) | | | | = <i>Trypanosyllus adamanteus</i> | H1968 contra ITIS | |
| <i>Typosyllis alternata</i> | (Moore, 1908) | Y | Y | | = <i>Syllis alternata</i> | H1968 | |
| <i>Typosyllis armillaris</i> | (Muller, 1771) | Y | Y | | | | |
| <i>Typosyllis fasciata</i> | (Malmgren, 1867) | Y | | | = <i>Syllis fasciata</i> | 2 reports + H1968 | |
| <i>Typosyllis pulchra</i> | (Berkeley & Berkeley, 1938) | Y | Y | | | | |
| Nereidae | | | | | | | |
| <i>Ceratonereis mirabilis</i> | Kinberg, 1866 | Y | | | | H1968 | |
| <i>Ceratonereis tunicatae</i> | Hartman, 1936 | | Y | | | L2007 contra ITIS | |
| <i>Eunereis longipes</i> | Hartman, 1936 | | Y | | | L2007 contra ITIS | |
| <i>Micronereis nanaimoensis</i> | Berkeley & Berkeley, 1953 | Y | Y | | = <i>Phylodocella bodegae</i> | L2007 | |
| <i>Neanthes brandti</i> | (Malmgren, 1866) | Y | Y | | looks like <i>N. virens</i> | | |
| <i>Neanthes lighti</i> | Hartman, 1938 | | | syn | <i>N. limnicola</i> | L2007 | |
| <i>Neanthes limnicola</i> | (Johnson, 1901) | Y | Y | | = <i>N. lighti</i> = <i>N. diversicolor</i> | L2007 | |
| <i>Neanthes succinea</i> | (Frey & Leuckart, 1847) | Y | Y | | | | |
| <i>Neanthes virens</i> | (Sars, 1835) | Y | Y | | = <i>Nereis virens</i> | Pettibone 1963 | |
| <i>Neanthes transcendens</i> | Hartman, 1936 | | | syn | = <i>N. agassizi</i> | Hartman 1936 but not 1968 | |
| <i>Nereis callaona</i> | (Grube, 1857) | | | syn | <i>Nereis grubei</i> | Salazar... 2004 | |
| <i>Nereis diversicolor</i> | Muller, 1776 | Y | | syn | <i>Neanthes limnicola</i> | L2007 contra ITIS | |
| <i>Nereis eakini</i> | Hartman, 1936 | | Y | | | L2007 contra ITIS | |
| <i>Nereis grubei</i> | (Kinberg, 1866) | Y | Y | | = <i>N. mediator</i> | L2007 | |
| | | | | | = <i>N. callaona</i> | Salazar...2004 | |
| | | | | | = <i>N. eucapitis</i> | Hartman 1959 | |
| <i>Nereis latescens</i> | Chamberlin, 1919 | Y | Y | | | | |
| <i>Nereis eucapitis</i> | Hartman (?) | | | syn | <i>Nereis mediator</i> | Hartman 1959 | |
| <i>Nereis mediator</i> | Chamberlin, 1918 | Y | syn | syn | <i>N. grubei</i> | L2007 contra ITIS | |
| <i>Nereis natans</i> | Hartman, 1936 | | Y | | | L2007 contra ITIS | |
| <i>Nereis pelagica</i> | Linnaeus, 1758 | Y | Y | | includes <i>N. pelagica neonigripes</i> | L2007 | |
| <i>Nereis pelagica neonigripes</i> | Hartman, 1936 | Y | syn | syn | <i>Nereis pelagica</i> | L2007 contra ITIS | |
| <i>Nereis procera</i> | Ehlers, 1868 | Y | Y | | | | |
| <i>Nereis vexillosa</i> | Grube, 1851 | Y | Y | | | | |
| <i>Nereis zonata</i> | Malmgren, 1867 | Y | | | | | |
| <i>Nereis virens</i> | Sars, 1835 | syn | syn | syn | <i>Neanthes virens</i> | H1968, K1996, not SCAMIT | |
| <i>Perinereis monterea</i> | (Chamberlin, 1918) | | Y | | | Pettibone 1963 | |
| <i>Phylodocella bodegae</i> | Fauchald & Belman, 1972 | | syn | syn | <i>Micronereis nanaimoensis</i> | L2007 | |
| <i>Platynereis agassizi</i> | Okuda & Yamada, 1954 | Y | | syn | <i>P. bicanaliculata</i> | SCAMIT 2001 contra ITIS | |
| <i>Platynereis bicanaliculata</i> | (Baird, 1863) | Y | Y | | = <i>P. agassizi</i> = <i>U. agassizi</i> | SCAMIT 2001 | |
| <i>Uncinereis agassizi</i> | (Chamberlin, 1919) | | | syn | <i>P. bicanaliculata</i> | SCAMIT 2001 | |

Goniadidae

| | | | | | | |
|----------------------------|-----------------|---|-----|-----|------------------------------------|----------------------|
| <i>Glycinde multicens</i> | Hartman, 1940 | | | syn | <i>Glycinde armigera</i> | SCAMIT 2001 |
| <i>Glycinde armigera</i> | Moore, 1911 | Y | Y | | = <i>G. multicens</i> | SCAMIT 2001 |
| <i>Glycinde picta</i> | Berkeley, 1927 | Y | Y | | = <i>Glycinde polygnatha</i> | L2007 |
| <i>Glycinde polygnatha</i> | Hartman, 1950 | Y | syn | syn | <i>Glycinde picta</i> | L2007 contra ITIS |
| <i>Goniada brunnea</i> | Treadwell, 1906 | Y | Y | | | |
| <i>Goniada maculata</i> | Oersted, 1843 | Y | | | st = <i>Pitelka</i> & Paulson 1942 | K1996, but not H1968 |

Glyceridae

| | | | | | | |
|----------------------------------|------------------|-----|-----|------|---|----------------------------|
| <i>Glycera rugosa</i> | Johnson, 1901 | | | syn | <i>Glycera americana</i> | SCAMIT 2001 |
| <i>Glycera americana</i> | Leidy, 1855 | Y | Y | | = <i>Glycera rugosa</i> | SCAMIT 2001 |
| <i>Glycera capitata</i> | Oersted, 1843 | Y | syn | syn | <i>Glycera nana</i> | L2007 contra ITIS |
| <i>Glycera nana</i> | Johnson, 1901 | syn | Y | | = <i>Glycera capitata</i> | L2007 contra ITIS |
| | | | | | = <i>Glycera tessellata</i> | cf Wolfowitz de Weiss 1998 |
| <i>Glycera convoluta</i> | Keferstein, 1862 | Y | syn | syn | <i>Glycera macrobranchia</i> | L2007 contra ITIS |
| <i>Glycera dibranchiata</i> | Ehlers, 1868 | | Y | | | |
| <i>Glycera macrobranchia</i> | Moore, 1911 | | Y | | = <i>Glycera convoluta</i> | L2007 contra ITIS |
| <i>Glycera robusta</i> | Ehlers, 1868 | Y | Y | | | |
| <i>Glycera tenuis</i> | Hartman, 1944 | Y | Y | | | |
| <i>Glycera tessellata</i> | Grube, 1863 | Y | | syn | = <i>Glycera nana</i> | Wolfowitz de Weiss 1998 |
| <i>Glycera sp.</i> | n/a | | | unsp | | |
| <i>Hemipodia simplex</i> | (Grube, 1857) | | Y | | = <i>H. borealis</i> = <i>H. roseus</i> | L2007 contra ITIS |
| <i>Hemipodia californiensis</i> | Hartman, 1938 | | Y | | | L2007 contra ITIS |
| <i>Hemipodius simplex</i> | n/a | | syn | syn | <i>Hemipodia simplex</i> | L2007 |
| <i>Hemipodius californiensis</i> | n/a | | syn | syn | <i>Hemipodia californiensis</i> | L2007 |
| <i>Hemipodus roseus</i> | Quatrefages | syn | | syn | <i>Hemipodus borealis</i> | ITIS |
| <i>Hemipodus borealis</i> | Johnson, 1901 | Y | syn | syn | = <i>H. roseus</i> = <i>H. simplex</i> | L2007 contra ITIS |

Nephtyidae

| | | | | | | |
|-------------------------------|---------------------------|---|----|----|-----------------------------------|---------------------------|
| <i>Nephtys caeca</i> | (Fabricius, 1780) | Y | Y | | | |
| <i>Nephtys caecoides</i> | Hartman, 1938 | Y | Y | | | |
| <i>Nephtys californiensis</i> | Hartman, 1938 | Y | Y | | = <i>Hemipodus californiensis</i> | |
| <i>Nephtys ciliata</i> | (Muller, 1789) | Y | | nv | Dillon Beach, Hartman36 | Hartman 1936 but not 1968 |
| <i>Nephtys cornuta</i> | Berkeley & Berkeley, 1945 | Y | Y | | | |
| <i>Nephtys parva</i> | Clark and Jones, 1955 | Y | nv | nv | | L2007 |

Onuphidae

| | | | | | |
|--------------------------------|-------------------------------|---|-----|-----|-------------------------------|
| <i>Diopatra ornata</i> | Moore, 1911 | Y | Y | | |
| <i>Mooreonuphis stigmatis</i> | (Treadwell, 1922) | | Y | | = <i>Nothria stigmatis</i> |
| <i>Nothria elegans</i> | (Johnson, 1901) | Y | syn | syn | <i>Onuphis elegans</i> |
| <i>Nothria geophilliformis</i> | (Moore, 1903) | Y | | | st=Roberts 1950 |
| <i>Nothria iridescens</i> | (Johnson, 1901) | Y | syn | syn | <i>Onuphis iridescens</i> |
| <i>Nothria stigmatis</i> | Hartman, 1944 | Y | syn | syn | <i>Mooreonuphis stigmatis</i> |
| <i>Onuphis eremita</i> | Audouin & Milne Edwards, 1833 | Y | | | st=Pettibone 1941 |
| <i>Onuphis elegans</i> | (Johnson, 1901) | Y | Y | | = <i>Nothria elegans</i> |
| <i>Onuphis iridescens</i> | (Johnson, 1901) | Y | Y | | = <i>Nothria iridescens</i> |

Eunicidae

| | | | | | |
|---------------------------------|-----------------------------|---|---|-----|------------------------------|
| <i>Eunice antennata</i> | (Savigny in Larmarck, 1818) | Y | Y | | |
| <i>Eunice biannulata</i> | Moore, 1904 | Y | | | Kemp 1939, H1968 |
| <i>Eunice websteri</i> | Fauchald, 1969 | Y | | st | = <i>Eunice longicirrata</i> |
| <i>Eunice kobeensis</i> | McIntosh, 1885 | Y | | syn | <i>Eunice valens</i> |
| <i>Eunice valens</i> | (Chamberlin, 1919) | Y | Y | | = <i>E. kobeensis</i> |
| <i>Marphysa stylobranchiata</i> | Moore, 1909 | Y | Y | | Parker & Tunnicliffe 1994 |

Dorvilleidae

| | | | | | |
|---------------------------------|-------------------------------|-----|-----|-----|---|
| <i>Dorvillea longicornis</i> | (delle Chiaje, 1828) | | Y | | = <i>Stauronereis articulatus</i> |
| | | | | | = <i>D. rudolphi</i> , <i>D. articulata</i> |
| <i>Dorvillea articulata</i> | (Hartman, 1938) | | syn | syn | = <i>Dorvillea longicornis</i> |
| <i>Dorvillea moniloceras</i> | (Moore, 1909) | Y | Y | | = <i>Stauronereis moniloceras</i> |
| <i>Dorvillea rudolphi</i> | (delle Chiaje, 1828) | syn | syn | syn | <i>Dorvillea longicornis</i> |
| | | | | | = <i>Schistomeringos rudolphi</i> |
| <i>Ophryotrocha puerilis</i> | Claparède and Mecznirow, 1869 | Y | Y | | |
| <i>Protodorvillea gracilis</i> | (Hartman, 1938) | Y | Y | | |
| <i>Stauronereis articulatus</i> | Hartman, 1938 | | syn | syn | <i>Dorvillea longicornis</i> |
| <i>Stauronereis minor</i> | Hartman, 1936 | | | nv | |
| <i>Stauronereis moniloceras</i> | (Moore, 1909) | | | syn | <i>Dorvillea moniloceras</i> |

Lumbrineridae

| | | | | | |
|-----------------------------------|-------------------------------|---|-----|-----|---------------------------------|
| <i>Lumbrinerides platypygos</i> | (Fauchald, 1970) | | | | = <i>Lumbrineris acuta</i> |
| <i>Lumbrineris acuta</i> | Verrill, 1875 | Y | | syn | <i>Lumbrinerides platypygos</i> |
| <i>Lumbrineris bassi</i> | Hartman, 1944 | Y | | | |
| <i>Lumbrineris californiensis</i> | (Treadwell, 1929) | Y | Y | | |
| <i>Lumbrineris cruzensis</i> | Hartman, 1944 | Y | Y | | |
| <i>Lumbrineris erecta</i> | (Moore, 1904) | Y | | syn | <i>Scoletoma erecta</i> |
| <i>Lumbrineris japonica</i> | (Marenzeller, 1879) | Y | Y | | |
| <i>Lumbrineris latreilli</i> | Audouin & Milne Edwards, 1834 | Y | Y | | |
| <i>Lumbrineris tetraura</i> | (Schmarda, 1861) | Y | syn | syn | <i>Scoletoma luti</i> |
| <i>Lumbrineris sarsi</i> | (Kinberg, 1865) | Y | | nv | |
| <i>Lumbrineris zonata</i> | (Johnson, 1901) | Y | | syn | = <i>Scoletema zonata</i> |
| <i>Scoletoma luti</i> | Berkeley and Berkeley, 1945 | | Y | | = <i>Lumbrineris tetraura</i> |
| <i>Scoletoma erecta</i> | (Moore, 1904) | | Y | | = <i>Lumbrineris erecta</i> |
| <i>Scoletoma zonata</i> | (Johnson, 1901) | | Y | | = <i>Lumbrineris zonata</i> |

Oeonidae

| | | | | | | |
|-----------------------------------|----------------------------|-----|-----|-----|--|--------------------------|
| <i>Arabella iricolor</i> | (Montagu, 1804) | Y | Y | | | |
| <i>Arabella semimaculata</i> | (Moore, 1911) | syn | Y | | ITIS: syn = <i>A. iricolor</i> | L2007 contra ITIS |
| <i>Drilonereis nuda</i> | Moore, 1909 | Y | Y | | | |
| Orbiniidae | | | | | | |
| <i>Haploscoloplos elongatus</i> | (Johnson, 1901) | Y | syn | syn | <i>Leitoscoloplos pugettensis</i> | Lights2007 contra ITIS |
| <i>Leitoscoloplos pugettensis</i> | (Pettibone, 1957) | Y | Y | | = <i>Haploscoloplos elongatus</i> | L2007 |
| <i>Naineris laevigata</i> | (Grube, 1855) | Y | | syn | <i>Naineris dendritica</i> | SCAMIT 2001 contra ITIS |
| <i>Naineris dendritica</i> | (Kinberg, 1867) | Y | Y | | = <i>Naineris laevigata</i> | SCAMIT 2001 |
| <i>Orbinia johnsoni</i> | (Moore, 1909) | Y | Y | | | |
| <i>Scoloplos acmeiceps</i> | Chamberlin, 1919 | Y | Y | | | |
| Paraonidae | | | | | | |
| <i>Paraonides platybranchia</i> | (Hartman, 1961) | Y | syn | syn | <i>Paraonella platybranchia</i> | by authority and species |
| <i>Paraonella platybranchia</i> | (Hartman, 1961) | Y | Y | | = <i>Paraonides platybranchia</i> | by authority and species |
| Spionidae | | | | | | |
| <i>Apoprionospio pygmaea</i> | (Hartman, 1961) | syn | Y | | = <i>Prionospio pygmaeus</i> | SCAMIT 2001 contra ITIS |
| <i>Boccardia berkeleyorum</i> | Blake & Woodwick, 1971 | | Y | | | L2007 contra ITIS |
| <i>Boccardia columbiana</i> | (Berkeley, 1927) | Y | Y | | | |
| <i>Boccardia hamata</i> | (Webster, 1879) | Y | | syn | <i>Boccardia uncata</i> = <i>Boccardiella</i> ur | L1975 contra ITIS |
| <i>Boccardia natrix</i> | (Soderstrom, 1920) | Y | | syn | <i>Boccardia pugettensis</i> | SCAMIT 2001 contra ITIS |
| <i>Boccardia pugettensis</i> | Blake, 1979 | Y | | | st=1936,1939+K1996 | SCAMIT 2001 (=B.natrix) |
| <i>Boccardia proboscidea</i> | Hartman, 1940 | Y | Y | | | |
| <i>Boccardia tricuspa</i> | (Hartman, 1939) | Y | Y | | | |
| <i>Boccardia truncata</i> | Hartman, 1936 | | syn | syn | <i>Boccardiella truncata</i> | L2007 |
| <i>Boccardia uncata</i> | Berkeley, 1927 | Y | syn | syn | <i>Boccardiella hamata</i> | L2007 contra ITIS |
| <i>Boccardiella hamata</i> | (Webster, 1879) | Y | Y | | = <i>Boccardia uncata</i> | L2007 |
| | | | | | = <i>Boccardia hamata</i> | |
| <i>Boccardiella truncata</i> | Hartman, 1936 | | Y | | = <i>Boccardia truncata</i> | L2007 contra ITIS |
| <i>Dipolydora armata</i> | (Langerhans, 1880) | | Y | | = <i>Polydora armata</i> | L2007 contra ITIS |
| <i>Dipolydora brachycephala</i> | (Hartman, 1936) | | Y | | = <i>Polydora brachycephala</i> | L2007 contra ITIS |
| <i>Dipolydora bidentata</i> | (Zachs, 1933) | | Y | | = <i>Polydora convexa</i> | L2007 contra ITIS |
| <i>Dipolydora elegantissima</i> | (Blake and Woodwick, 1972) | | Y | | = <i>Polydora elegantissima</i> | L2007 contra ITIS |
| <i>Dipolydora giardi</i> | (Mesnil, 1896) | | Y | | = <i>Polydora giardi</i> | L2007 contra ITIS |
| <i>Dipolydora socialis</i> | (Schmarda, 1861) | | Y | | = <i>Polydora socialis</i> , <i>P. caeca</i> | L2007 contra ITIS |

Spionidae

| | | | | | |
|---------------------------------------|--------------------------|-----|------|--|---|
| <i>Dispio uncinata</i> | Hartman, 1951 | Y | Y | | |
| <i>Laonice cirrata</i> | (Sars, 1851) | Y | Y | = <i>Nerine cirratulus</i> = <i>Laonice foliata</i> | SCAMIT 2001 L2007 |
| <i>Laonice foliata</i> | | | syn | syn | <i>Laonice cirrata</i> L2007 |
| <i>Nerine cirratulus</i> | (delle Chiaje, 1828) | syn | | syn | <i>Laonice cirrata</i> SCAMIT 2001 |
| <i>Nerinides acuta</i> | | syn | syn | syn | <i>Scolelepis squamatus</i> L2007 contra ITIS |
| <i>Nerinides tridentata</i> | Southern, 1914 | Y | syn | syn | <i>Scolelepis tridentata</i> L2007 contra ITIS |
| <i>Paraprionospio pinnata</i> | (Ehlers, 1901) | Y | Y | | = <i>Prionospio pinnata</i> L2007 |
| <i>Polydora armata</i> | (Langerhans, 1880) | Y | syn | syn | <i>Dipolydora armata</i> L2007 contra ITIS |
| <i>Polydora brachycephala</i> | Hartman, 1936 | Y | syn | syn | <i>Dipolydora brachycephala</i> L2007 contra ITIS |
| <i>Polydora caeca</i> | Oersted, 1843 | Y | | syn | <i>Dipolydora socialis</i> SCAMIT 2001 |
| <i>Polydora convexa</i> | Blake & Woodwick, 1972 | Y | syn | syn | <i>Dipolydora bidentata</i> L2007 contra ITIS |
| <i>Polydora elegantissima</i> | Blake and Woodwick, 1972 | Y | syn | syn | <i>Dipolydora elegantissima</i> L2007 contra ITIS |
| <i>Polydora giardi</i> | Mesnil, 1896 | Y | syn | syn | <i>Dipolydora giardi</i> L2007 contra ITIS |
| <i>Polydora ciliata</i> | (Johnston, 1838) | Y | | syn | <i>Polydora limicola</i> H1969 |
| <i>Polydora limicola</i> | Annenkova, 1934 | Y | Y | | = <i>Polydora ciliata</i> H1969 |
| <i>Polydora ligni</i> | Webster, 1879 | Y | syn | syn | <i>Polydora cornuta</i> L2007 contra ITIS |
| <i>Polydora cornuta</i> | Bosc, 1802 | Y | Y | | = <i>Polydora ligni</i> L2007 |
| <i>Polydora socialis</i> | (Schmarda, 1861) | Y | syn | syn | <i>Dipolydora socialis</i> L2007 contra ITIS |
| <i>Polydora websteri</i> | Hartman, 1943 | Y | Y | | Lights 2001 |
| <i>Prionospio cirrifera</i> | Wiren, 1883 | syn | corr | corr | to <i>P.lighti</i> in E. Pacific L2007 |
| <i>Prionospio lighti</i> | Maciolek, 1985 | Y | Y | | from <i>P.cirrifera</i> |
| <i>Prionospio malmgreni</i> | Hartman, 1969 | | | nv | SVLM2004 contra Hartman 69 |
| <i>Prionospio pinnata</i> | (Ehlers, 1901) | Y | syn | syn | <i>Paraprionospio pinnata</i> |
| <i>Prionospio pygmaeus</i> | Hartman, 1961 | | | syn | <i>Apoprionospio pygmaea</i> SCAMIT 2001 |
| <i>Prionospio steenstrupi</i> | Malmgren, 1867 | Y | Y | | |
| <i>Pseudopolydora kempfi</i> | (Southern, 1921) | Y | Y | | |
| <i>Pseudopolydora paucibranchiata</i> | (Okuda, 1937) | Y | Y | | |
| <i>Pygospio californica</i> | Hartman, 1936 | Y | Y | | |
| <i>Pygospio elegans</i> | Claparede, 1863 | Y | Y | | |
| <i>Rhynchospio arenicola</i> | Hartman, 1936 | Y | syn | syn | <i>Rhynchospio glutaea</i> L2007 contra ITIS |
| <i>Rhynchospio glutaea</i> | (Ehlers, 1897) | Y | Y | | = <i>Rhynchospio arenicola</i> L2007 contra ITIS |
| <i>Scolelepis squamatus</i> | (Muller, 1806) | | Y | | = <i>Nerinides acuta</i> L2007 contra ITIS |
| <i>Scolelepis tridentata</i> | Southern, 1914 | Y | Y | | = <i>Nerinides tridentata</i> L2007 |
| <i>Spio filicornis</i> | Muller, 1776 | Y | Y | | |
| <i>Spiophanes berkeleyorum</i> | Pettibone, 1962 | Y | Y | | |
| <i>Spiophanes cf. bombyx</i> | (Claparede, 1870) | Y | Y | | |
| <i>Spiophanes cirrata</i> | Sars, 1872 | Y | | syn | <i>Spiophanes berkeleyorum</i> SCAMIT 2001 |
| <i>Spiophanes fimbriata</i> | Moore, 1923 | syn | syn | syn | <i>Spiophanes kroeyeri</i> L2007 |
| <i>Spiophanes kroeyeri</i> | Grube, 1860 | Y | Y | | = <i>Spiophanes fimbriata</i> L2007 |
| <i>Spiophanes missionensis</i> | Hartman, 1941 | Y | syn | syn | <i>Spiophanes duplex</i> L2007 |
| <i>Spiophanes duplex</i> | (Chamberlin, 1919) | | Y | | = <i>Spiophanes missionensis</i> L2007 contra ITIS |
| <i>Streblospio lutincola</i> | Hartman, 1936 | | | syn | <i>Streblospio benedicti</i> Carlton 1979 |
| <i>Streblospio benedicti</i> | Webster, 1879 | Y | Y | | = <i>Streblospio lutincola</i> Carlton 1979 |

Magelonidae

| | | | | | | |
|-----------------------------|---------------|---|---|----|--------------------|-------------------------|
| <i>Magelona longicornis</i> | Johnson, 1901 | Y | | st | st= Pettibone 1941 | K1996, not L2007, H1968 |
| <i>Magelona pitelkai</i> | Hartman, 1944 | Y | Y | | | |
| <i>Magelona sacculata</i> | Hartman, 1961 | Y | Y | | | |

Chaetopteridae

| | | | | | | |
|-------------------------------------|---------------------|---|-----|-----|-----------------------------|-------------------|
| <i>Chaetopterus variopedatus</i> | (Renier, 1804) | Y | Y | | | |
| <i>Phyllochaetopterus prolifica</i> | Potts, 1914 | Y | Y | | | |
| <i>Telepsavus costarum</i> | Claparede, 1870 | | | syn | syn Spiochaetopterus pottsi | L2007 |
| <i>Spiochaetopterus costarum</i> | (Claparede, 1870) | Y | syn | syn | S. pottsi | L2007 contra ITIS |
| <i>Spiochaetopterus pottsi</i> | (E. Berkeley, 1927) | | Y | | =S. costarum | L2007 contra ITIS |

Cirratulidae

| | | | | | | |
|--|---------------------------|---|------|------|--------------------------------|-------------------------------|
| <i>Ambo perbranchiata</i> | n/a | | | syn | Timarete perbranchiata | H1969 |
| <i>Aphelochaeta monilaris</i> | (Hartman, 1960) | | Y | | =Tharyx monilaris | SCAMIT 2001 |
| <i>Aphelochaeta (not) multifilis</i> | Blake 1996g | | Y | | = Tharyx multifilis | L1975, but not L2007 |
| <i>Audouinia spirabranca</i> | Moore 1904 | | | syn | Cirriformia spirabranca | |
| <i>Chaetozone setosa</i> | Malmgren, 1867 | Y | | corr | C. setosa Complex | L2007 correction |
| <i>Cirratulus sp.</i> | n/a | | Y | | C.cirratus assigned here | |
| <i>Cirratulus cirratus</i> | (Müller, 1776) | Y | corr | corr | not present in E. Pacific | L1975, but not L2007 |
| <i>Cirratulus (cirratus) spectabilis</i> | (Kinberg, 1866) | Y | Y | | =Cirratulus robustus | H1969 |
| <i>Cirratulus robustus</i> | Johnson, 1901 | Y | | syn | Cirratulus spectabilis | H1969 contra ITIS |
| <i>Cirriformia luxuriosa</i> | (Moore, 1904) | Y | syn | syn | Timarete perbranchiata | L2007 contra ITIS |
| <i>Cirriformia spirabranca</i> | (Moore, 1904) | Y | Y | | =Cirratulus spirabranca | H1969 |
| | | | | | =Cirriformia spirabranca | |
| <i>Dodecaceria pacifica</i> | (Fewkes ?) | | | syn | D. fewkesi | H1969 |
| <i>Dodecaceria fistulicola</i> | Ehlers, 1901 | | | nv | D. fewkesi | not H1969, K1996, SCAMIT 2001 |
| <i>Dodecaceria fewkesi</i> | Berkeley & Berkeley, 1954 | Y | Y | | =D. pacifica = D. fistulicola | H1969 |
| <i>Tharyx monilaris</i> | Hartman, 1960 | Y | | syn | Aphelochaeta monilaris | SCAMIT 2001 contra ITIS |
| <i>Tharyx multifilis</i> | Moore, 1909 | Y | syn | syn | =Aphelochaeta (not) multifilis | L1975, but not L2007 |
| <i>Tharyx parvus</i> | Berkeley, 1929 | Y | Y | | | |
| <i>Timarete perbranchiata</i> | (Chamberlin, 1918) | | Y | | =Cirriformia luxuriosa | L2007 contra ITIS |
| | | | | | =Ambo perbranchiata | H1969 |

Cossuridae

| | | | | | | |
|------------------------------|-------------|---|---|--|--|--|
| <i>Cossura pygodactylata</i> | Jones, 1956 | Y | Y | | | |
|------------------------------|-------------|---|---|--|--|--|

Ctenodrilidae

| | | | | | | |
|-----------------------------|-----------------|---|---|--|--|--|
| <i>Ctenodrilus serratus</i> | (Schmidt, 1857) | Y | Y | | | |
|-----------------------------|-----------------|---|---|--|--|--|

Flabelligeridae

| | | | | | | |
|-----------------------------------|-------------------|---|---|-----|------------------------|-------|
| <i>Brada pilosa</i> | Moore, 1906 | | | syn | SCAMIT 2001 | |
| <i>Brada villosa</i> | (Rathke, 1843) | Y | Y | | = <i>B. pilosa</i> | |
| <i>Flabelligerida commensalis</i> | (Moore, 1909) | Y | Y | | | |
| <i>Flabelligera affinis</i> | Sars, 1851 | Y | Y | | | |
| <i>Flabelligera inflata</i> | (Treadwell, 1914) | | | syn | <i>Pherusa inflata</i> | L2007 |

Flabelligeridae

| | | | | | | |
|--------------------------------|-------------------|---|---|-----|--|--|
| <i>Pherusa inflata</i> | (Treadwell, 1914) | Y | Y | | = <i>Flabelligera inflata</i> = <i>Stylarioides minuta</i> = <i>Stylarioides dimissus</i> = <i>Stylarioides papillata</i> | L2007 H1969 Hartman 1936b Fauchald 1977 |
| <i>Pherusa papillata</i> | (Johnson, 1901) | Y | Y | | | |
| <i>Stylarioides dimissus</i> | Hartman, 1936 | | | nv | = <i>S. minuta</i> | Hartman 1936b |
| <i>Stylarioides flabellata</i> | n/a | | | nv | | not H1969, K1996, SCAMIT 2001 |
| <i>Stylarioides minuta</i> | | | | syn | <i>Flabelligera inflata</i> | H1969 |
| <i>Stylarioides papillata</i> | Johnson 1901 | | | syn | <i>Pherusa papillata</i> | Fauchald 1977 |

Scalibregmatidae

| | | | | | | |
|-----------------------------|---------------|-----|-----|-----|-------------------------------|-------|
| <i>Hyboscolex pacificus</i> | (Moore, 1909) | Y | Y | | = <i>Oncoscolex pacificus</i> | L2007 |
| <i>Oncoscolex pacificus</i> | (Moore, 1909) | syn | syn | syn | <i>Hyboscolex pacificus</i> | L2007 |

Opheliidae

| | | | | | | |
|-------------------------------------|-------------------|-----|-----|-----|------------------------------------|-----------------------------|
| <i>Ammotrypane aulogaster</i> | Rathke, 1843 | syn | syn | syn | <i>Ophelina acuminata</i> | L2007 |
| <i>Armandia bioculata</i> | Hartman, 1938 | Y | syn | syn | <i>A. brevis</i> | L2007 |
| <i>Armandia brevis</i> | (Moore, 1906) | Y | Y | | = <i>A. bioculata</i> | L2007 |
| <i>Euzonus dillonensis</i> | (Hartman, 1938) | Y | Y | | = <i>Pectinophelia dillonensis</i> | H1969 |
| <i>Euzonus mucronata</i> | (Treadwell, 1914) | Y | Y | | = <i>Thoracophelia mucronata</i> | L2007 |
| <i>Euzonus williamsi</i> | (Hartman, 1938) | Y | Y | | = <i>Pectinophelia williamsi</i> | st=Pettibone + H1969 |
| <i>Ophelia assimilis</i> | Tebble, 1953 | Y | Y | | | |
| <i>Ophelia limacina</i> | (Rathke, 1843) | Y | | | st=1947,1957,1971 | SCAMIT 2001, L1975, CalAcad |
| <i>Ophelia pulchella</i> | Tebble, 1953 | Y | Y | | | L2007 |
| <i>Ophelina acuminata</i> | Oersted, 1843 | Y | Y | | = <i>Ammotrypane aulogaster</i> | L2007 |
| <i>Pectinophelia californiensis</i> | Hartman, 1936 | | | nv | | not H1969, SCAMIT 2001 |
| <i>Pectinophelia dillonensis</i> | Hartman, 1938 | | | syn | <i>Euzonus dillonensis</i> | H1969 |
| <i>Pectinophelia williamsi</i> | n/a | | | syn | <i>Euzonus williamsi</i> | H1969 |
| <i>Polyophthalmus pictus</i> | (Dujardin, 1839) | Y | Y | | | |
| <i>Thoracophelia mucronata</i> | (Treadwell, 1914) | Y | syn | syn | <i>Euzonus mucronata</i> | L2007 contra ITIS |
| <i>Travisia gigas</i> | Hartman, 1938 | Y | Y | | | |
| <i>Travisia granulata</i> | Moore, 1923 | Y | | | | no other records |

Capitellidae

| | | | | | | |
|----------------------------------|---------------------------|---|---|-----|-------------------|-----------------------------|
| <i>Anotomastus gordioides</i> | (Moore, 1909) | | Y | | | Lights 2006 contra ITIS |
| <i>Capitella capitata</i> | (Fabricius, 1780) | Y | Y | | | species complex |
| <i>Dasybranchus caducus</i> | (Grube, 1846) | Y | | nv | | Hartman 1936a, but not 1969 |
| <i>Dasybranchus giganteus</i> | Moore, 1909 | | | syn | Notomastus magnus | H1969 |
| <i>Dasybranchus glabrus</i> | Moore, 1909 | Y | Y | | | |
| <i>Dasybranchus lumbricoides</i> | Grube, 1878 | Y | Y | | | |
| <i>Heteromastus filiformis</i> | (Claparede, 1864) | Y | Y | | | |
| <i>Heteromastus filobranchus</i> | Berkeley & Berkeley, 1932 | Y | Y | | | |

Capitellidae

| | | | | | | |
|-----------------------------------|--------------------|---|---|-----|-------------------------|-------------------------|
| <i>Leiochrides pallidior</i> | (Chamberlin, 1918) | Y | | | =Notomastus pallidior | H1969, Dean 2001 |
| <i>Mediomastus californiensis</i> | Hartman, 1944 | Y | Y | | | |
| <i>Notomastus angulatus</i> | Chamberlin, 1919 | | | syn | Notomastus tenuis | Wolfowitz de Weiss 1998 |
| <i>Notomastus iricolor</i> | n/a | | | st | st = Richards 1984 | not H1969, SCAMIT 2001 |
| <i>Notomastus latericeus</i> | Sars, 1851 | Y | Y | | | |
| <i>Notomastus magnus</i> | Hartman, 1947 | Y | Y | | =Dasybranchus giganteus | H1969 |
| <i>Notomastus pallidior</i> | (Chamberlin 1918) | | | syn | Leiochrides pallidior | Dean 2001 |
| <i>Notomastus tenuis</i> | Moore, 1909 | Y | Y | | =N. angulatus | Wolfowitz de Weiss 1998 |

Arenicolidae

| | | | | | | |
|-------------------------------|---------------------|---|---|-----|-----------------------|-------|
| <i>Abarenicola pacifica</i> | Healy & Wells, 1959 | Y | Y | | =Arenicola claperidii | H1969 |
| <i>Arenicola brasiliensis</i> | Nonato, 1958 | Y | Y | | | |
| <i>Arenicola cristata</i> | Stimpson, 1856 | Y | Y | | | |
| <i>Arenicola claparedii</i> | (Okuda, 1933) | | | syn | Abarenicola pacifica | H1969 |

Oweniidae

| | | | | | | |
|--------------------------|--------------------|---|------|------|-------------------------------|-------------------|
| <i>Owenia collaris</i> | Hartman, 1955 | Y | Y | | corrected from O.fusififormis | L2007 |
| <i>Owenia fusiformis</i> | delle Chiaje, 1841 | Y | corr | corr | O.collaris | L2007 contra ITIS |

Maldanidae

| | | | | | | |
|-----------------------------------|-----------------------|---|-----|-----|---------------------------|--------------------|
| <i>Asychis disparidentata</i> | (Moore, 1904) | Y | | syn | Metasychis disparidentata | K1996 |
| <i>Asychis elongata</i> | (Verrill, 1873) | Y | syn | syn | Sabacco elongatus | L2007 contra ITIS |
| <i>Axiothella rubrocincta</i> | (Johnson, 1901) | Y | Y | | =Clymenella rubrocincta | H1969 |
| <i>Clymenella rubrocincta</i> | Johnson, 1901 | | | syn | Axiothella rubrocincta | H1969 |
| <i>Clymenella californica</i> | Blake & Kudenov, 1974 | | Y | | | L2007 contra ITIS |
| <i>Clymenella complanata</i> | Hartman, 1969 | Y | Y | | | |
| <i>Metasychis disparidentatus</i> | (Moore 1904) | | Y | | =Asychis disparidentata | |
| <i>Nicomache personata</i> | Johnson, 1901 | Y | | | | H1969, SCAMIT 2001 |
| <i>Praxillella pacifica</i> | Berkeley, 1929 | Y | Y | | =P. affinis pacifica | L2007 |
| <i>Sabacco elongatus</i> | (Verrill, 1873) | | Y | | =Asychis elongata | |

Sabellariidae

| | | | | | | |
|----------------------------------|------------------|---|---|-----|---------------------------|--------------------------|
| <i>Idanthysus armatus</i> | Kinberg, 1867 | Y | | | st=Siddiqui 1958 | Duxbury reef + K1996 |
| <i>Phragmatopoma californica</i> | (Fewkes, 1889) | Y | Y | | =Sabellaria californica | by species and Authority |
| <i>Sabellaria californica</i> | Fewkes, 1889 | | | syn | Phragmatopoma californica | by species and Authority |
| <i>Sabellaria cementarium</i> | Moore, 1906 | Y | Y | | | |
| <i>Sabellaria nanella</i> | Chamberlin, 1919 | | Y | | | |
| <i>Sabellaria spinulosa</i> | Leuckart, 1849 | Y | Y | | | only record H1969 |

Pectinariidae

| | | | | | | |
|----------------------------------|------------------|---|-----|-----|-----------------------|-------------------|
| <i>Cistenides brevicoma</i> | (Johnson, 1901) | Y | syn | syn | =Pectinaria granulata | L2007 contra ITIS |
| <i>Pectinaria brevicoma</i> | n/a | | | syn | Cistenides brevicoma | H1969 |
| <i>Pectinaria granulata</i> | (Linnaeus, 1767) | Y | Y | | =Cistenides brevicoma | H1969 |
| <i>Pectinaria californiensis</i> | Hartman, 1941 | Y | Y | | | |

Ampharetidae

| | | | | | | |
|------------------------------------|------------------|---|---|-----|-----------------|---------|
| <i>Ampharete arctica</i> | Malmgren, 1866 | Y | | | | H1969 |
| <i>Ampharete labrops</i> | Hartman, 1961 | Y | Y | | | PMS1977 |
| <i>Amphicteis scaphobranchiata</i> | Moore, 1906 | Y | Y | | | |
| <i>Melinna denticulata</i> | Moore, 1908 | Y | | syn | | |
| <i>Melinna oculata</i> | Hartman, 1969 | Y | Y | | =M. denticulata | H1969 |
| <i>Schistocomus hiltoni</i> | Chamberlin, 1919 | Y | Y | | | |

Terebellidae

| | | | | | | |
|-----------------------------------|---------------------------|---|-----|-----|---------------------------|---------------------------------|
| <i>Amaeana occidentalis</i> | (Hartman, 1944) | Y | Y | | | |
| <i>Amphitrite robusta</i> | Johnson, 1901 | | | syn | Neoamphitrite robusta | SCAMIT 2001 |
| <i>Eupolymnia crescentis</i> | Chamberlin, 1919 | Y | syn | syn | Eupolymnia heterobranchia | L2007 contra ITIS |
| <i>Eupolymnia heterobranchia</i> | (Johnson, 1901) | Y | Y | | =Eupolymnia crescentis | L2007 |
| <i>Loimia medusa</i> | (Savigny, 1818) | Y | Y | | | |
| <i>Neoamphitrite robusta</i> | (Johnson, 1901) | Y | Y | | =Amphitrite robusta | L2007 contra SCAMIT 2001 |
| <i>Neoleprea californica</i> | Moore, 1904 | | Y | | =Terebella californica | L2007 contra ITIS |
| <i>Pista brevibranchiata</i> | Moore, 1923 | Y | syn | syn | P. agassizi | L2007 contra ITIS |
| <i>Pista agassizi</i> | Hilbig, 2000 | | Y | | =P. brevibranchiata | L2007 contra ITIS |
| <i>Pista disjuncti</i> | Hartman 1969 | Y | | | =P. fasciata | SCAMIT2001 |
| <i>Pista elongata</i> | Moore, 1909 | Y | Y | | | |
| <i>Pista fasciata</i> | (Grube, 1870) | Y | | syn | SCAMIT2001 | SCAMIT2001 |
| <i>Pista moorei</i> | Berkeley 1942 | Y | | | H1969, Shepherd84 | |
| <i>Pista pacifica</i> | Berkeley & Berkeley, 1942 | Y | Y | | | |
| <i>Polycirrus californicus</i> | Moore, 1909 | Y | Y | | | |
| <i>Ramex californiensis</i> | Hartman, 1944 | | Y | | | L2007 contra ITIS |
| <i>Spinospaera oculata</i> | Hartman, 1944 | Y | Y | | | |
| <i>Streblosoma crassibranchia</i> | Treadwell, 1914 | Y | Y | | | |
| <i>Terebella californica</i> | Moore, 1904 | | syn | syn | Neoleprea californica | L2007 |
| <i>Thelepus plagiostoma</i> | (Schmarda, 1861) | | | syn | Thelepus crispus | Hartman 1936 pro T. plagiostoma |
| <i>Thelepus crispus</i> | Johnson, 1901 | Y | Y | | =Thelepus plagiostoma | Hartman 1936, 1969 |
| <i>Thelepus setosus</i> | (Quatrefages, 1865) | Y | Y | | | |

Sabellidae

| | | | | | | |
|--------------------------------|-----------------|---|-----|------|---------------------------|-------------------|
| <i>Amphicorina gracilis</i> | (Hartman, 1969) | | Y | | =Oriopsis gracilis | L2007 |
| <i>Bispira</i> sp | | | Y | mono | =Sabella crassicornis | L2007 |
| <i>Chone ecaudata</i> | (Moore, 1923) | Y | syn | syn | <i>Chone minuta</i> | L2007 contra ITIS |
| <i>Chone infundibuliformis</i> | Kroyer, 1856 | Y | | | st = 1941, 1957 | H1969, K1996 |
| <i>Chone gracilis</i> | Moore, 1906 | Y | Y | | | |
| <i>Chone minuta</i> | Hartman, 1944 | Y | Y | | = <i>Chone ecaudata</i> | L2007 |
| <i>Chone mollis</i> | (Bush, 1904) | Y | Y | | = <i>Metachone mollis</i> | H1969 |
| <i>Demonax medius</i> | (Bush, 1904) | | Y | | = <i>Sabella media</i> | L2007 contra ITIS |
| <i>Eudistylia polymorpha</i> | (Johnson, 1901) | Y | Y | | | |
| <i>Eudistylia vancouveri</i> | (Kinberg, 1867) | Y | Y | | | |

Sabellidae

| | | | | | | |
|--|-------------------|-----|------|------|-----------------------------------|-----------------------------------|
| <i>Fabricia berkeleyi</i> | (Banse, 1956) | | syn | syn | <i>Fabriciola cf berkeleyi</i> | L2007 |
| <i>Fabricia brunnea</i> | Hartman, 1969 | | syn | syn | <i>Novafabricia brunnea</i> | L2007 |
| <i>Fabricia dubia</i> | n/a | | | st | st = Fjeld 1957b | not SCAMIT 2001, H1969, K1996 |
| <i>Fabricia sabella</i> | (Ehrenberg, 1837) | Y | syn | syn | <i>Fabricia stellaris</i> | L2007 contra ITIS |
| <i>Fabricia stellaris</i> | (Ehrenberg, 1837) | | Y | | = <i>Fabricia sabella</i> | L2007 contra ITIS |
| <i>Fabriciola cf berkeleyi</i> | (Banse, 1956) | Y | Y | | = <i>Fabricia cf berkeleyi</i> | L2007 |
| <i>Manayunkia speciosa</i> | Leidy, 1859 | Y | Y | | | |
| <i>Metachone mollis</i> | n/a | | syn | syn | <i>Chone mollis</i> | H1969 |
| <i>Myxicola infundibulum</i> | (Renier, 1804) | Y | Y | | | |
| <i>Novafabricia brunnea</i> | (Hartman, 1969) | | Y | | = <i>Fabricia brunnea</i> | L2007 contra ITIS |
| <i>Oriopsis gracilis</i> | Hartman, 1969 | | syn | syn | <i>Amphicorina gracilis</i> | L2007 |
| <i>Potamilla intermedia</i> | | Y | syn | syn | <i>Pseudopotamilla intermedia</i> | L2007 |
| <i>Pseudopotamilla intermedia</i> | Moore, 1905 | syn | Y | | = <i>Potamilla intermedia</i> | L2007, differs from type specimen |
| <i>Pseudopotamilla brevibranchiata</i> | | | | syn | = <i>Pseudopotamilla ocellata</i> | SVLM2004 |
| <i>Pseudopotamilla ocellata</i> | Moore, 1905 | syn | Y | | | L2007 contra ITIS |
| <i>Pseudopotamilla socialis</i> | Hartman, 1944 | | Y | | | L2007 contra ITIS |
| <i>Sabella crassicornis</i> | Sars, 1851 | Y | corr | corr | <i>Bispira</i> sp. per L2007 | L2007 |
| <i>Sabella media</i> | (Bush, 1904) | Y | syn | syn | <i>Demonax medius</i> | L2007 contra ITIS |
| <i>Schizobranhia insignis</i> | Bush, 1904 | Y | Y | | | |

Serpulidae

| | | | | | | |
|--------------------------------|-----------------|---|-----|------|---------------------------------|-----------------------|
| <i>Crucigera zygophora</i> | (Johnson, 1901) | Y | Y | | | |
| <i>Ficopomatus enigmaticus</i> | (Fauvel, 1923) | Y | Y | | = <i>Mercierella enigmatica</i> | L2007 |
| <i>Eupomatus gracilis</i> | Bush, 1905 | | syn | syn | <i>Hydroides gracilis</i> | L2007 |
| <i>Eupomatus</i> sp. | n/a | | | unsp | | |
| <i>Filograna</i> sp. | n/a | | | syn | <i>Salmacina tribranchiata</i> | Hartman 1936 |
| <i>Hydroides gracilis</i> | (Bush, 1905) | | Y | | = <i>Eupomatus gracilis</i> | L2007 contra ITIS |
| <i>Hydroides uncinatus</i> | Fauvel, 1927 | | | st | st = Amrein, + "?" | H1969 Channel Islands |
| <i>Mercierella enigmatica</i> | Fauvel, 1923 | | syn | syn | <i>Ficopomatus enigmaticus</i> | L2007 |

Serpulidae

| | | | | | |
|-----------------------------------|-------------------------|-----|-----|---|----------------------------------|
| <i>Salmacina tribranchiata</i> | (Moore, 1923) | Y | Y | = <i>Filograna tribranchiata</i> Moore 19: Hartman 1936 (note basionym) | |
| <i>Serpula columbiana</i> | Johnson, 1901 | | syn | syn <i>Serpula vermicularis</i> | L2007 |
| <i>Serpula vermicularis</i> | Linnaeus, 1767 | Y | Y | <i>Serpula columbiana</i> | L2007 |
| <i>Spirobranchus spinosus</i> | Moore, 1923 | | Y | | |
| <i>Vermiliopsis multiannulata</i> | (Moore, 1923) | Y | Y | | |
| <i>Bushiella abnormis</i> | (Bush, 1905) | | Y | | L2007 contra ITIS |
| <i>Circeis spirillum</i> | (Linnaeus, 1758) | Y | Y | = <i>Spirorbis spirillum</i> | SVLM2004 |
| | | | | = <i>Dexiospira spirillum</i> | SVLM2004 |
| <i>Dexiospira spirillum</i> | (Linnaeus, 1758) | Y | | syn <i>Spirorbis spirillum</i> | SVLM2004 |
| <i>Laeospira borealis</i> | Daudin, 1800 | | | syn <i>Spirorbis borealis</i> | SVLM2004 |
| <i>Leodora abnormis</i> | Bush, 1905 | Y | syn | syn <i>Bushiella abnormis</i> | L2007 not Hartman 1936, 1969 |
| <i>Paradexiospira vitrea</i> | (Fabricius, 1780) | Y | Y | | |
| <i>Protolaeospira eximia</i> | (Bush, 1905) | | Y | = <i>Spirorbis eximius</i> | by species name, authority, date |
| <i>Spirorbella marioni</i> | Caullery & Mesnil, 1897 | | | syn <i>Spirorbis marioni</i> | SVLM2004 |
| <i>Spirorbis asperatus</i> | | | | syn <i>Spirorbis borealis</i> | H1969 |
| <i>Spirorbis borealis</i> | Daudin, 1800 | Y | | nv = <i>Laeospira borealis</i> | K1996, L2007 |
| | | | | = <i>Spirorbis asperatus</i> | H1969 |
| <i>Spirorbis eximius</i> | Bush, 1905 | | | syn = <i>Protolaeospira eximia</i> | by species name, authority, date |
| <i>Spirorbis marioni</i> | Caullery & Mesnil, 1897 | Y | Y | = <i>Spirorbis (Spirorbella) marioni</i> | SVLM2004 |
| <i>Spirorbis moerchi</i> | Levinson, 1883 | | | nv | L2007, K1996 contra Hartman 69 |
| <i>Spirorbis spirillum</i> | (Linnaeus, 1758) | syn | | syn <i>Circeis spirillum</i> | SVLM2004 |
| Saccocirridae | | | | | |
| <i>Saccocirrus sonomacus</i> | Martin, 1977 | | Y | | Shell Beach, Martin 1977 |

| | | | | | |
|-----|------------------------------------|-----|-----|------|------|
| 449 | names | 314 | 331 | 449 | |
| | synonyms (syn) | -25 | -68 | -137 | -31% |
| | polyspecific genera (unsp) | | | -2 | 0% |
| | corrected (corr) | | -9 | -10 | -2% |
| | single student report (st) | | | -6 | -1% |
| | not valid (nv) | | | -17 | -4% |
| | monospecific genera removed (mono) | | | - | 0% |
| | eliminated | | | -173 | -39% |
| | species | 289 | 253 | 276 | 61% |
| | % synonyms | 8% | 21% | 31% | |