

A CHECKLIST OF THE BRACHYURAN CRABS OF PHUKET AND WESTERN THAILAND

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ABSTRACT

A checklist of the brachyuran fauna of Phuket and western Thailand is compiled. Four-hundred and six species from 32 families are now known, a substantial part of the total Thai fauna. Of these, 21 represent new records for the area and/or Thailand.

INTRODUCTION

Phuket is the largest island on the western coast of Thailand. Facing the Indian Ocean and just north of the Malacca Straits, the marine fauna of Phuket is comprised of both oceanic and shelf species. Lundoer (1974) was the first to prepare a list of the brachyuran crab species known from the island. Sorting through the specimens from Phuket in the Phuket Marine Biological Center (PMBC), he recorded 182 species from 14 families. Serène and Soh (1976) subsequently reported on the brachyurans collected from the Andaman Sea just off Phuket by the 1966 Thai–Danish Expedition, listing 67 species from nine families. Most were goneplacids.

This contribution endeavours to list all brachyuran species now known from western Thailand, an area from near Ranong in the north (bordering Myanmar or Burma) to Trang in the south (bordering Peninsular Malaysia). We felt that to merely list the species now known from Phuket and its immediate region would be pointless as many of the species are probably present along the entire coastline. Some of the species were obtained from relatively deeper waters in the Andaman Sea. Most of the species are based on

specimens obtained by the PMBC's staff and visiting researchers over the years. The new records in the present paper and highlighted with an asterisk (*), and the pertinent material examined is listed after the checklist. Most of these are widespread species and do not need extra comment.

The important reference of Lundoer (1974) is the key source for the present list, although we have corrected obvious mistakes, updated his names and revised the classification in accordance with the modern system. Only one name in his list, '*Schizophrys longipes*' (Majidae) could not be accounted for—we believe that it was a lapsus for what is presently called *Phalangipus longipes*. We have also used the papers of Suvatti (1937, 1950), Serène and Soh, (1976), Naiyanetr (1980, 1998), Nateewathana *et al.* (1981), Nateewathana and Tantichodok (1984), Komai *et al.* (1995), Ng (1998) and Ho *et al.* (2000) who have records of western Thai crabs. We have referred to two important but mostly unpublished theses by Tantichodok (1981) and Harminto (1988), as well as the list by Yang (1979), all of which have many records of crabs in western Thailand. The most recent checklist by Naiyanetr (1998) is of particular importance as it draws upon not only the published

literature, but also data in unpublished theses in Chulalongkorn University. The other papers in the present volume, Castro (2001), Ng *et al.* (2001) and Davie *et al.* (2001) provide the most recent additions to this fauna. The dates for the many species described by A. White and his associates

follow Clark and Presswell (2001); with those for Jacquinot, Hombron and Lucas following Clark and Crosnier (2000). Some recent nomenclatural changes follow Ng and Clark (2000) and Ng *et al.* (2001).

CHECKLIST

Family Dromiidae De Haan, 1833

Conchoecetes andamanicus Alcock, 1899
Cryptodromia tuberculata Stimpson, 1858
 = *Cryptodromia pileifera* Alcock, 1899
Dromia dormia (Linnaeus, 1763)
 = *Cancer dormitator* Herbst, 1790
 = *Dromia rumphii* Weber, 1795
 = *Dromia hirsutissima* Dana, 1852
Lauridromia dehaani (Rathbun, 1923)
Lauridromia indica (Gray, 1831)
 = *Dromia orientalis* Miers, 1880
 = *Dromia cranioides* De Man, 1888
 = *Dromia gibbosa* H. Milne Edwards, 1837

Family Homolidae De Haan, 1839

Homola orientalis Henderson, 1888
 = *Homola andamanica* Alcock, 1899
Latreillopsis tetraspinosa Dai and Chen, 1980

Family Latreilliidae Stimpson, 1858

Latreillia valida De Haan, 1839

Family Raninidae De Haan, 1839

Subfamily Ranininae De Haan, 1839

Ranina ranina (Linnaeus, 1758)
 = *Ranina dentata* H. Milne Edwards, 1837
 = *Ranina serrata* Lamarck, 1801

Subfamily Notopininae Serène and Umali, 1972

Cosmonotus grayi Adams and White, 1848
Notopus dorsipes (Fabricius, 1798)

Subfamily Raninoidinae Lörenthey and Beurlen, 1929

Notopoides latus Henderson, 1888
Notosceles serratifrons (Henderson, 1893)
Raninoides personatus Henderson, 1888

Family Dorippidae MacLeay, 1838

Subfamily Dorippinae MacLeay, 1838

Dorippe quadridens (Fabricius, 1793)
 = *Dorippe rissoana* Desmarest, 1817
 = *Dorippe nodosa* Desmarest, 1817
 = *Dorippe atropos* Lamarck, 1818
Dorippoides facchino (Herbst, 1785)
 = *Dorippe astuta* Fabricius, 1798
 = *Dorippe sima* H. Milne Edwards, 1837
 = *Dorippe facchino alcocki* Nobili, 1903
Dorippoides nudipes Holthuis and Manning, 1986
Neodorippe callida (Fabricius, 1798)

Subfamily Ethusinae Guinot, 1977

Ethusa sp.

Family Leucosiidae Samouelle, 1819

Subfamily Leucosiinae Miers, 1886

Leucosia anatum (Herbst, 1783)
Leucosia haematosticta Adams and White, 1849
Leucosia rhomboidalis De Haan, 1841
Leucosia unidentata De Haan, 1841
Leucosia vittata Stimpson, 1858

Subfamily Ebalinae Stimpson, 1871

Drachiella morum (Alcock, 1896)
Ebalia glans (Alcock, 1896)
Ebalia malefactorix Kemp, 1915
Nuciops modesta (Ihle, 1918)

Subfamily Philyrinae Rathbun, 1937

Arcania novemspinosa (Adams and White, 1849)
Arcania quinquespinosa Alcock and Anderson, 1894
Arcania undecimspinosa De Haan, 1841
Iphiculus spongiosus Adams and White, 1848
Ixa cylindra (Fabricius, 1777)
Ixa edwardsii Lucas, 1858
Ixa pulcherrima (Haswell, 1880)
Ixoides cornutus MacGilchrist, 1905
Myra acutidens Ihle, 1918
Myra affinis Bell, 1855
 = *Myra subgranulata* Kossmann, 1877
Myra coalita Hilgendorf, 1878
 = *Myra dubia* Miers, 1879
Myra elegans Bell, 1855
Myra fugax (Fabricius, 1798)
 = *Myra carinata* Bell, 1855
 = *Myra pentacantha* Alcock, 1896
Myrodes eudactylus Bell, 1855
 = *Myrodes gigas* Haswell, 1879
Nursia lar (Fabricius, 1798)
 = *Nursia hardwickii* Leach, 1817
Nursilia tonsor Alcock, 1896
Paranursia abbreviata (Bell, 1855)
Pariphiculus mariannae (Herklots, 1852)
 = *Pariphiculus rostratus* Alcock, 1896
Parilia alcocki Wood Mason, 1891 *
Philyra granulosa Ihle, 1918
Philyra olivacea Rathbun, 1909
Randallia eburnea Alcock, 1896
 = *Randallia japonica* Yokoya, 1933

Subfamily Cryptocneminae Stimpson, 1858

Cryptocnemus siamensis Serène and Soh, 1976
Onychomorpha lamelligera Stimpson, 1858

Family Calappidae De Haan, 1833

Calappa bicornis Miers, 1884
Calappa bilineata Ng, Lai and Aungtonya, 2001
Calappa calappa (Linnaeus, 1758)

Calappa capellonis Laurie, 1906
Calappa clypeata Borradaile, 1903
 = *Calappa terrareginae* Ward, 1936
Calappa gallus (Herbst, 1803)
Calappa hepatica (Linnaeus, 1758)
 = *Cancer tuberculatus* Herbst, 1785
 = *Calappa tuberculosa* Guérin-Méneville, 1829
 = *Calappa spinosissima* H. Milne Edwards, 1837
Calappa lophos (Herbst, 1782)
Calappa pustulosa Alcock, 1896
Calappa undulata Dai and Yang, 1991
Mursia africana Galil, 1993

Family Matutidae Alcock, 1896

Ashtoret lunaris (Forskål, 1775)
 = *Matuta banksii* Leach, 1817
Ashtoret miersii (Henderson, 1887)
Izanami curtispina (Sakai, 1961)
Matuta planipes Fabricius, 1798
 = *Matuta appendiculata* Bosc, 1830
 = *Matuta lineifera* Miers, 1877
 = *Matuta rubrolineata* Miers, 1877
 = *Matuta laevidactyla* Miers, 1880
 = *Matuta flagra* Shen, 1936
Matuta victor (Fabricius, 1781)
 = *Matuta peronii* Leach, 1817
 = *Matuta lesueurii* Leach, 1817
 = *Matuta crebripunctata* Miers, 1877

Family Majidae Samouelle, 1819**Subfamily Majinae** Samouelle, 1819

Prismatopus longispinus (De Haan, 1839)
 = *Paramithrax coppingeri* Haswell, 1882
 = *Paramithrax (Chlorinoides) longispinus* var.
bituberculata Miers, 1884
 = *Paramithrax (Chlorinoides) longispinus* var.
bispinosus Laurie, 1906
 = *Paramithrax (Chlorinoides) longispinus* var.
spinossissima Laurie, 1906
Schizophrys aspera (H. Milne Edwards, 1834)
 = *Mithrax quadridentatus* Macleay, 1838
 = *Maja (Dione) affinis* De Haan, 1839
 = ? *Schizophrys serratus* White, 1848
 = *Mithrax spinifrons* A. Milne Edwards, 1867
 = *Mithrax triangularis* Kossmann, 1877
Schizophrys dama (Herbst, 1804)

Subfamily Inachinae Macleay, 1838

- Achaeus curvirostris* (A. Milne Edwards, 1873)
 = *Stenorhynchus fissifrons* Haswell, 1879
 = *Achaeus tenuicollis* Miers, 1886
 = *Achaeus elongatus* Sakai, 1938
Camposcia retusa Latreille, 1892

Subfamily Tychinae Dana, 1851

- Criocarcinus superciliosus* (Linnaeus, 1767)

Subfamily Pisinae Dana, 1851

- Doclea alcocki* Laurie, 1906
Doclea armata De Haan, 1839
 = *Doclea tetraptera* Walker, 1887
 = *Doclea calcitrata* White, 1847
Doclea ovis (Herbst, 1788)
 = *Doclea canalifera* Stimpson, 1857
Hyastenus aries (Latreille, 1825)
Hyastenus hilgendorfi De Man, 1888
Phalangipus hystrix (Miers, 1886)
 = *Egeria investigatoris* Alcock, 1895
Phalangipus indicus (Leach, 1815)
 = *Egeria herbstii* H. Milne Edwards, 1834
Phalangipus longipes (Linnaeus, 1758)
 = *Cancer arachnoides* Linnaeus, 1758
 = *Cancer lar* Fabricius, 1793

Subfamily Epialtinae Macleay, 1838

- Menaethius monoceros* (Latreille, 1825)
 = *Inachus arabicus* Rüppell, 1830
 = *Menaethius porcellus* White, 1848
 = *Menaethius subserratus* Adams and White, 1848
 = *Menaethius tuberculatus* Adams and White, 1848
 = *Menaethius angustus* Dana, 1852
 = *Menaethius depressus* Dana, 1852
 = *Menaethius areolatus* Dana, 1852
 = *Menaethius inornatus* Dana, 1852
 = *Menaethius dentatus* Stimpson, 1857
 = *Menaethius rugosus* A. Milne Edwards, 1863

Subfamily Mithracinae Macleay, 1838

- Micippa philyra* (Herbst, 1803)
 = *Micippa philyra* var. *mascarenica* Kossmann, 1877
 = *Micippa superciliosa* Haswell, 1879
 = *Paramicippa asperimanus* Miers, 1884
 = *Micippa mascarenica nodulifera* Baker, 1905

Family Hymenosomatidae MacLeay, 1838

- Elamena magna* Ng and Chuang, 1996 (= *Trigonoplax unguiformis* of previous authors)

Family Parthenopidae MacLeay, 1838**Subfamily Parthenopinae** MacLeay, 1838

- Aulacolambrus hoplonotus* (Adams and White, 1849)
 = *Lambrus (Aulacolambrus) hoplonotus typicus* Ortmann, 1894
Aulacolambrus whitei (H. Milne Edwards, 1872)
Parthenope longimanus (Linnaeus, 1764)
Platylambrus echinatus (Herbst, 1790)
 = *Lambrus tuberculosus* Stimpson, 1857
Pseudolambrus harpax (Adams and White, 1848)
Rhinolambrus pelagicus (Rüppell, 1830)
Rhinolambrus sisimanensis (Serène and Umali, 1972)

Subfamily Cryptopodiinae Stimpson, 1871

- Cryptopodia angulata* H. Milne Edwards and Lucas, 1841
 = *Cryptopodia angulata* var. *cippifer* Alcock, 1895
Cryptopodia collifer Flipse, 1930
Cryptopodia fornicata (Fabricius, 1781)
 = *Calappa albicans* Bosc, 1802
 = *Cryptopodia pentagona* Flipse, 1930
Cryptopodia pan Laurie, 1906
 = *Cryptopodia sinica* Chen and Xu, 1991

Subfamily Daldorfiidae Ng and Rodriguez, 1986

- Daldorfia horrida* (Linnaeus, 1758)

Family Dairidae Ng and Rodriguez, 1986

- Dairoides seafdeci* Takeda and Ananpongsuk, 1991

Family Corystidae Samouelle, 1819

- Jonas formosae* Balss, 1922

Family Portunidae Rafinesque, 1815**Subfamily Portuninae** Rafinesque, 1815

- Carupella* sp.
Lupocyclus philippinensis Semper, 1880
Lupocyclus rotundatus Adams and White, 1848
Portunus argentatus (White, 1847)
Portunus brockii (De Man, 1887)
Portunus gracilimanus (Stimpson, 1858)
Portunus granulatus (H. Milne Edwards, 1834)
Portunus haanii (Stimpson, 1858) (= *Portunus gladiator* of previous authors)
Portunus hastatoides Fabricius, 1798
 = *Neptunus (Hellenus) hastatoides unidens* Laurie, 1906
Portunus longispinosus (Dana, 1852)
Portunus orbicularis (Richters, 1880)
Portunus orbitosinus Rathbun, 1911
Portunus pelagicus (Linnaeus, 1758)
 = *Cancer segnis* Forskål, 1775
 = *Portunus mauritanus* Ward, 1942
 = *Cancer reticulatus* Herbst, 1799
 = *Cancer cedonulli* Herbst, 1794
Portunus pulchricristatus (Gordon, 1931)
Portunus rugosus (A. Milne Edwards, 1861)
Portunus sanguinolentus (Herbst, 1783)
 = *Callinectes alexandri* Rathbun, 1907
Portunus tenuipes (De Haan, 1835)
Portunus trituberculatus (Miers, 1876)
Portunus tuberculatus (A. Milne Edwards, 1861)
Portunus tweediei Shen, 1937
Scylla olivacea (Herbst, 1796)
Scylla paramamosain Estampador, 1949
Scylla serrata (Forskål, 1775)
 = *Scylla tranquebarica* var. *oceanica* Dana, 1852
Scylla tranquebarica (Fabricius, 1798)
 = *Lupa lobifrons* H. Milne Edwards, 1834

Subfamily Catoptrinae Borradaile, 1903

- Libystes edwardsi* Alcock, 1900
Libystes nitidus A. Milne Edwards, 1867
 = ? *Libystes alphonsi* Alcock, 1899

Subfamily Caphyrinae Alcock, 1899

- Lissocarcinus laevis* Miers, 1886
Lissocarcinus polybioides Adams and White, 1848

Subfamily Thalamitinae Paulson, 1875

- Charybdis acutifrons* (De Man, 1879)
Charybdis affinis Dana, 1852
 = ? *Charybdis barneyi* Gordon, 1931
Charybdis anisodon (De Haan, 1850)
Charybdis annulata (Fabricius, 1798)
Charybdis beauforti Leene and Buitendijk, 1949
Charybdis bimaculata (Miers, 1886)
 = ? *Charybdis (Gonioneptunus) subornata* Ortmann, 1894
 = ? *Gonioneptunus whiteleggei* Ward, 1933
Charybdis ferriatus (Linnaeus, 1758)
 = *Cancer sexdentatus* Herbst, 1783
 = *Portunus crucifer* Fabricius, 1798
 = *Cancer cruciata* Herbst, 1789
Charybdis granulata De Haan, 1833
Charybdis hellerii (A. Milne Edwards, 1867)
 = ? *Charybdis merguensis* De Man, 1895
Charybdis hongkongensis Shen, 1934
Charybdis lucifera (Fabricius, 1798)
 = *Goniosoma quadrimaculatum* A. Milne Edwards, 1861
Charybdis merguensis (De Man, 1888)
Charybdis miles (De Haan, 1835)
Charybdis natator (Herbst, 1789)
Charybdis riversandersoni Alcock, 1899 *
Charybdis rostrata (A. Milne Edwards, 1861)
Charybdis truncata (Fabricius, 1798)
Charybdis vadorum Alcock, 1899
 = *Charybdis sinensis* Gordon, 1930
Charybdis variegata (Fabricius, 1798)
Gonioinfradens paucidentata (A. Milne Edwards, 1861)
 = *Thalamita giardi* Nobili, 1905
Thalamita admete (Herbst, 1803) *
 = *Thalamita dispar* Rathbun, 1914
 = *Thalamita admeta* var. *edwardsi* Borradaile, 1900
Thalamita crenata (Latreille, 1829)
Thalamita danae Stimpson, 1858
 = *Thalamita stimpsoni* A. Milne Edwards, 1861
Thalamita foresti Crosnier, 1962
Thalamita gatavakensis Nobili, 1906 *
Thalamita muusi Serène and Soh, 1976
Thalamita parvidens (Rathbun, 1907)
Thalamita prymna (Herbst, 1803)
 = *Thalamita crassimana* Dana, 1852
 = *Thalamita prymna* var. *annectans* Laurie, 1906

Thalamita sexlobata Miers, 1886
 = *Thalamita sexlobata* var. *plicatifrons* De Man, 1902
 = ? *Thalamita macrodonta* Borradaile, 1902
Thalamita sima H. Milne Edwards, 1834
Thalamita spinifera Borradaile, 1903
Thalamita spinimana Dana, 1852
Thalamita tenuipes Borradaile, 1902
Thalamitoides quadridens A. Milne Edwards, 1869
 = *Thalamitoides alphonsei* Ward, 1939

Subfamily Podophthalminae Borradaile, 1907

Podophthalmus nacreus Alcock, 1899 *
Podophthalmus vigil (Fabricius, 1798)
 = *Podophthalmus spinosus* Lamarck, 1801

Family Carpiliidae Ortmann, 1893

Carpilius convexus (Forskål, 1775)
 = *Cancer adpersus* Herbst, 1790
 = *Cancer petraea* Herbst, 1801
 = *Cancer marmarinus* Herbst, 1804
Carpilius maculatus (Linnaeus, 1758)
Liagore erythematica Guinot, 1971

Family Eriphiidae MacLeay, 1838

Baptozius vinosus (H. Milne Edwards, 1834)
 = *Rueppellia lata* A. Milne Edwards, 1873
Epixanthus corrosus A. Milne Edwards, 1873
Epixanthus dentatus (White, 1848)
 = *Epixanthus dilatatus* De Man, 1879
 = *Panopeus acutidens* Haswell, 1881
Epixanthus frontalis (H. Milne Edwards, 1834)
 = *Epixanthus kotschii* Heller, 1861
Eriphia scabricula Dana, 1852
 = *Eriphia pilumnoides* Ward, 1941
 = *Eriphia scabricula garciaensis* Ward, 1942
Eriphia sebana (Shaw and Nodder, 1803)
 = *Gecarcinus anisocheles* Latreille, 1818
 = *Eriphia laevimana* Guérin-Ménéville, 1829
 = *Eriphia fordii* MacLeay, 1838
 = *Eriphia trapeziformis* Hess, 1865
 = *Eriphia sebana hawaiiensis* Ward, 1939
Eriphia smithii MacLeay, 1838
Eupilumnus actumnoides (A. Milne Edwards, 1873)

Menippe rumphii (Fabricius, 1798)
 = *Pseudocarcinus bellangerii* H. Milne Edwards, 1834
Myomenippe hardwickii (Gray, 1831) *
 = *Menippe granulosa* A. Milne Edwards, 1867
 = *Menippe granulosa* De Man, 1888
 = *Menippe duplidentis* Hilgendorf, 1878
Ozius guttatus H. Milne Edwards, 1834
 = *Panopeus formio* Adams and White, 1849
 = *Ozius speciosus* Hilgendorf, 1869
 = *Ozius guttatus garcianensis* Ward, 1942
Ozius rugulosus Stimpson, 1858
 = *Ozius rugulosus mauritiensis* Ward, 1942
Ozius tuberculosus H. Milne Edwards, 1834 (= '*Ozius granulatus*' of Lundoer, 1974)
Sphaerozius nitidus Stimpson, 1858

Family Xanthidae MacLeay, 1838

Subfamily Xanthinae MacLeay, 1838

Demania scaberrima (Walker, 1887)
Leptodius exaratus (H. Milne Edwards, 1834)
 = *Cancer inaequalis* Audouin, 1826
 = *Leptodius lividus* Paulson, 1875
 = *Xantho exaratus* var. *typica* Ortmann, 1893
Leptodius gracilis (Dana, 1852)
Leptodius nudipes (Dana, 1852)
 = *Xantho danae* Odhner, 1925
Leptodius sanguineus (H. Milne Edwards, 1834)
 = ? *Cancer eudora* Herbst, 1801
 = *Lagostoma nodosa* Randall, 1839
 = *Chlorodius edwardsii* Heller, 1861
Macromedaeus crassimanus (A. Milne Edwards, 1867)
Nanocassiope alcocki (Rathbun, 1902)
Neoxanthias michelae Serène and Vadon, 1981
Xanthias lamarcki (H. Milne Edwards, 1834)
 = *Xanthodes granosomanus* Dana, 1852
 = *Xantho cultrimanus* White, 1847
Xanthias punctatus (H. Milne Edwards, 1834)
 = *Liomera maculata* Haswell, 1882
 = *Xanthias punctatus samoensis* Ward, 1939

Subfamily Polydectinae Dana, 1851

Polydectus cupulifer (Latreille, in Milbert, 1812) *
 = *Polydectus villosus* Dana, 1852

Subfamily Cymoinae Alcock, 1898

- Cymo melanodactylus* Dana, 1852
 = *Cymo melanodactylus saviiensis* Ward, 1939
Cymo quadrilobatus Miers, 1884

Subfamily Liomerinae Sakai, 1976

- Liomera bella* (Dana, 1852)
 = *Carpiloxanthus vaillantianus* A. Milne Edwards, 1862
Liomera cinctimana (White, 1847)
 = *Liomera lata* Dana, 1852
 = *Liomera cocosana* Boone, 1927
Liomera laevis (A. Milne Edwards, 1873)
 = ? *Liomera laevis odhneri* Serène and Luom, 1960
Liomera monticulosa (A. Milne Edwards, 1873) *
 = *Carpilodes cariosus* Alcock, 1898
Liomera stimpsoni (A. Milne Edwards, 1865)
Liomera venosa (H. Milne Edwards, 1834)
 = *Xantho obtusus* De Haan, 1835
 = *Carpilodes granulatus* Haswell, 1882
 = *Carpilodes socius* Lanchester, 1900

Subfamily Euxanthinae Alcock, 1898

- Euxanthus exsculptus* (Herbst, 1790)
 = *Cancer melissa* Herbst, 1801
 = *Cancer mamillatus* H. Milne Edwards, 1834
 = *Euxanthus nitidus* Dana, 1852
 = *Euxanthus punctatus* A. Milne Edwards, 1865
 = *Euryetisus deplanatus* Cano, 1889
Medaeops granulatus (Haswell, 1882) *
 = *Xantho macgillivrayi* Miers, 1884
 = *Lophopanopeus japonicus* Rathbun, 1898
 = *Lophoxanthus erosus* Parisi, 1916

Subfamily Actaeinae Alcock, 1898

- Actaea polyacantha* (Heller, 1861)
 = *Actaeodius fragifer* Klunzinger, 1913
Actaea savignyi (H. Milne Edwards, 1834) *
Actaea speciosa (Dana, 1852)
Actaeodes hirsutissimus (Rüppell, 1830)
Actaeodes tomentosus (H. Milne Edwards, 1834)
Forestia depressa (White, 1848) *
 = *Pilumnus granulatus* Krauss, 1843
 = *Pilumnus planes* Edmondson, 1931
Gaillardiiellus orientalis (Odhner, 1925) *
Gaillardiiellus rueppelli (Krauss, 1843)

- ? *Novactaea modesta* (De Man, 1888)
Psaumis cavipes (Dana, 1852)
 = *Actaea cellulosa* Dana, 1852
 = *Actaea schmardae* Heller, 1861
 = *Glyptoxanthus cymbifer* Rathbun, 1914
Pseudoliomera granosimana (A. Milne Edwards, 1865)
 = *Pseudoliomera natalensis* Ward, 1934
Pseudoliomera speciosa (Dana, 1852)
 = *Actaeodes nodipes* Heller, 1861
 = *Psaumis glabra* Kossmann, 1877

Subfamily Zosiminae Alcock, 1898

- Atergatis dentatus* De Haan, 1835
Atergatis dilatatus De Haan, 1835
Atergatis floridus (Linnaeus, 1767)
 = *Atergatis ocyroae* Herbst, 1801
 = *Atergatis compressides* MacLeay, 1838
Atergatis integerrimus (Lamarck, 1801)
 = *Atergatis subdivisus* Adams and White, 1848
Atergatis reticulatus De Haan, 1835
Atergatis roseus (Rüppell, 1830)
 = *Cancer orientalis* Herbst, 1790
 = *Carpilius marginatus* Rüppell, 1830
 = *Atergatis scrobiculatus* Heller, 1861
Atergatopsis signata (Adams and White, 1849)
 = *Atergatopsis flavomaculatus* A. Milne Edwards, 1865
 = *Atergatis frauenfeldi* Heller, 1861
 = ? *Atergatopsis crockeri* Ward, 1939
Platypodia alcocki Buitendijk, 1941
Platypodia anaglypta (Heller, 1861)
 = *Lophactaea helleri* Kossmann, 1877
Platypodia granulosa (Rüppell, 1830)
 = *Cancer limbatus* H. Milne Edwards, 1834
 = *Platypodia keelingi* Tweedie, 1950
Platypodia semigranosa (Heller, 1861)
Lophozozymus dodone (Herbst, 1801)
 = *Xantho radiatus* H. Milne Edwards, 1834
 = *Atergatis lateralis* White, 1848
 = *Atergatis elegans* Heller, 1862
 = *Xantho lamelligera* White, 1848
 = *Xantho nitidus* Dana, 1852
Lophozozymus pictor (Fabricius, 1798)
 = *Xantho octodentatus* H. Milne Edwards, 1834
Zosimus aeneus (Linnaeus, 1758)
 = *Cancer floridus* Herbst, 1783
 = *Cancer amphitrite* Herbst, 1801
Zozymodes cavipes (Dana, 1852)

Subfamily Etisinae Ortmann, 1893

- Etisus anaglyptus* (H. Milne Edwards, 1834)
Etisus electra (Herbst, 1801)
 = *Cancer metis* Herbst, 1801
 = *Etisus rugosus* Jacquinot, in Hombron and Jacquinot, 1846
 = *Etisodes sculptilis* Heller, 1861
 = *Chlorodius samoensis* Miers, 1875
 = *Actaeodes frontalis* Paulson, 1875
 = *Chlorodius dentifrons* Stimpson, 1858
Etisus frontalis (Dana, 1852)
Etisus laevimanus Randall, 1839
 = *Chlorodopsis espinosus* Borradaile, 1902
 = *Etisus macrodactylus* Lucas, in Hombron and Jacquinot, 1854
 = *Etisus macrodactylus* Bianconi, 1851
 = *Etisus convexus* Stimpson, 1858
 = *Etisus maculatus* Heller, 1861
Etisus utilis Jacquinot, 1852

Subfamily Chlorodiinae Dana, 1851

- Chlorodiella cytherea* (Dana, 1852)
 = *Pilodius martensi* Nobili, 1906
Chlorodiella laevissima (Dana, 1852)
 = ? *Menippe martensi* Krauss, 1843
Chlorodiella nigra (Forskål, 1775)
 = *Cancer clymene* Herbst, 1801
 = *Chlorodius nebulosus* Dana, 1852
 = *Chlorodius depressus* Heller, 1861
 = ? *Chlorodius hirtipes* White, 1848
Liocarpilodes integerrimus (Dana, 1852) *
 = *Pseudozium coralliophilus* Borradaile, 1902
 = *Chlorodiella asper* Edmondson, 1925
Phymodius granulatus (Targioni Tozzetti, 1877) *
 = *Chlorodopsis arabicus* Laurie, 1915
 = *Chlorodopsis inaequalis* Klunzinger, 1913
Phymodius monticulosus (Dana, 1852)
 = *Chlorodius obscurus* Jacquinot, 1852
 = *Chlorodius (Cyclodius) ornatus* Dana, 1852
Phymodius nitidus (Dana, 1852)
 = *Chlorodius sculptus* A. Milne Edwards, 1873
Phymodius unguulatus (H. Milne Edwards, 1834)
 = *Cyclodius gracilis* Dana, 1852
Pilodius areolatus (H. Milne Edwards, 1834)
 = *Chlorodius perlatus* Macleay, 1838
 = *Xantho dehaani* Krauss, 1843
 = *Etisodes caelatus* Dana, 1852
 = *Chlorodopsis areolata* var. *brandonensis* Ward, 1942

- = *Actaeodes affinis* Dana, 1852
Pilodius flavus Rathbun, 1894
 = *Chlorodopsis melanospinis* Rathbun, 1911
 = *Chlorodopsis hawaiiensis* Edmondson, 1962
Pilodius granulatus Stimpson, 1858
 = *Chlorodopsis philippinensis* Ward, 1942
 = *Pilodius serenei* Takeda and Miyake, 1968
Pilodius nigrocrinitus Stimpson, 1858
 = *Chlorodopsis melanochirus* A. Milne Edwards, 1873
Pilodius pilumnoides (White, 1848)
 = *Chlorodopsis (Cyclodius) palaoensis* Sakai, 1936
Pilodius pugil Dana, 1852
 = *Pilumnus globosus* Boone, 1934
Pilodius scabriculus Dana, 1852
 = *Chlorodopsis venusta* Rathbun, 1907
 = *Chlorodopsis natalis* Serène, 1984

Subfamily Kraussiinae Ng, 1993

- Kraussia rugulosa* (Krauss, 1843) *
 = *Trichocera porcellana* White, 1848
 = *Kraussia proporcellana* Ward, 1934

Family Trapeziidae Miers, 1886**Subfamily Trapeziinae** Miers, 1886

- Quadrella coronata* Dana, 1852
 = *Quadrella coronata* var. *granulosa* Borradaile, 1902
Quadrella maculosa Alcock, 1898
 = *Quadrella cyrenae* Ward, 1942
Quadrella serenei Galil, 1986
 = *Quadrella lewinsohni* Galil, 1986
Trapezia cymodoce (Herbst, 1799)
 = *Trapezia dentifrons* Latreille, 1825
 = *Grapsillus dentatus* MacLeay, 1838
 = *Trapezia dentata* var. *subintegra* Dana, 1852
 = *Trapezia coerulea* Rüppell, 1830
 = *Trapezia hirtipes* Jacquinot, in Hombron and Jacquinot, 1846
 = *Trapezia cymodoce* var. *typica* Ortmann, 1893
 = *Trapezia cymodoce* var. *ornatus* Chen, 1933
Trapezia ferruginea Latreille, 1825
Trapezia guttata Rüppell, 1830
 = *Trapezia davaoensis* Ward, 1941
 = *Trapezia ferruginea* var. *ceylonica* Chen, 1933
 = *Trapezia miersi* Ward, 1941

Trapezia lutea Castro, 1998
Trapezia richtersi Galil and Lewinsohn, 1983
 = *Trapezia richtersi* Serène, 1983
Trapezia septata Dana, 1852
 = *Trapezia reticulata* Stimpson, 1858
 = *Trapezia areolata inermis* A. Milne Edwards, 1873
Trapezia tigrina Eydoux and Souleyet, 1842
 = ? *Trapezia punctata* Coulon, 1864
 = *Trapezia wardi* Serène, 1971
 = *Trapezia danae* Ward, 1939
Tetralia glaberrima (Herbst, 1790)
 = *Trapezia serratifrons* Jacquinet, in Hombron and
 Jacquinet, 1846
 = *Trapezia integra* Latreille, 1828
 = *Tetralia laevissima* Stimpson, 1858
 = *Tetralia glaberrima fulva* Serène, 1984
 = *Tetralia sanguineomaculata* Galil and Clark, 1990

Subfamily Domeciinae Ortmann, 1893

Jonesius trianguiculatus (Borradaile, 1902)
 = *Jonesius minuta* Sankarankutty, 1962
 = *Maldivia gardineri* Rathbun, 1911
 = *Maldivia galapagensis* Garth, 1939

Family Pilumnidae Samouelle, 1819

Subfamily Pilumninae Samouelle, 1819

Actumnus digitalis (Rathbun, 1907)
 = *Actumnus carinatus* Bouvier, 1914 (nomen nudum)
Actumnus obesus Dana, 1852
Bathypilumnus sinensis (Gordon, 1930)
Benthopanope indica (De Man, 1887)
Glabropilumnus edamensis (De Man, 1888) *
Glabropilumnus laevimanus (Dana, 1852)
Glabropilumnus seminudus (Miers, 1884)
Nanopilumnus rouxi (Balss, 1935)
Pilumnopeus makiana (Rathbun, 1929)
Pilumnus cursor A. Milne Edwards, 1873 *
Pilumnus longicornis Hilgendorf, 1878
 = *Pilumnus andersoni* De Man, 1887
Pilumnus scabriusculus Adams and White, 1849
 = *Pilumnus sluiteri* De Man, 1892
 = *Pilumnus forskali* De Man, 1888
Pilumnus vespertilio (Fabricius, 1793)
 = *Pilumnus mus* Dana, 1825
 = *Pilumnus ursulus* Adams and White, 1849
Viaderiana striata (De Man, 1888)
Viaderiana typica Ward, 1942

Subfamily Galeneinae Alcock, 1898

Galene bispinosa (Herbst, 1783)
 = *Podopilumnus fittoni* M'Coy, 1849
 = *Gecarcinus trispinosus* Desmarest, 1822
 = *Galene granulose* Miers, 1884

Subfamily Halimedinae Alcock, 1898

Halimede ochtodes (Herbst, 1783) *
 = *Polycremnus verrucifer* Stimpson, 1858

Subfamily Rhizopinae Stimpson, 1858

Caecopilumnus hirsutus Borradaile, 1903
Ceratoplax fulgida Rathbun, 1914
Heteropilumnus sasekumari (Serène, 1971)
Lophoplax takakurai Sakai, 1935
Mertonia lanka Laurie, 1906
Typhlocarcinus (?) *craterifer* Rathbun, 1914 (see Davie
et al. 2001 for remarks)
Typhlocarcinus nudus Stimpson, 1858
Typhlocarcinus rubidus Alcock, 1900
Typhlocarcinops (?) *canaliculata* Rathbun, 1909 (see
 Davie *et al.* 2001 for remarks)
Typhlocarcinops gallardoii Serène, 1964
Xenophthalmodes dolichophallus Tesch, 1918

Subfamily Eumedoninae Dana, 1852

Echinoecus pentagonus (A. Milne Edward, 1879)
 = *Eumedon pentagonus* A. Milne Edwards, 1879
 = *Eumedon convictor* Bouvier and Seurat, 1905
 = *Liomedon pentagonus* Klunzinger, 1906
 = *Eumedonus petiti* Gravier, 1922
 = *Echinoecus rathbunae* Miyake, 1939
 = *Echinoecus klunzingeri* Miyake, 1939
Rhabdonotus pictus A. Milne Edwards, 1878
 = *Caphyra archeri* Walker, 1887
Zebrida adamsi White, 1847
 = *Zebrida paucidentata* Flipse, 1930

Family Goneplacidae MacLeay, 1838

Subfamily Goneplacinae MacLeay, 1838

Ommatocarcinus pulcher Barnard, 1950
Singhaplax ockelmanni (Serène, 1971)

Subfamily Chasmocarcininae Serène, 1964

Camatopsis rubida Alcock and Anderson, 1899
Chasmocarcinops gelasimoides Alcock, 1900
Hepthopelta mortenseni Serène, 1964
Megaesthesius sagedae Rathbun, 1909
Notonyx vitreus Alcock, 1900
Scalopidia spinosipes Stimpson, 1858

Subfamily Carcinoplacinae H. Milne Edwards, 1852

Carcinoplax bispinosa Rathbun, 1914
Carcinoplax longimana (De Haan, 1835)
 = *Carcinoplax longimanus japonicus* Doflein, 1904
 = *Carcinoplax longimanus typicus* Doflein, 1904
Carcinoplax indica Doflein, 1904 *

Subfamily Euryplacinae Stimpson, 1870

Eucrate alcocki Serène, in Serène and Lohavanijaya, 1973
 = *Eucrate maculata* Yang and Sun, 1979
Heteroplax nitida Miers, 1879

Family Panopeidae Ortmann, 1893**Subfamily Eucratopsinae** Stimpson, 1870

Homoioplax haswelli (Miers, 1884)

Family Hexapodidae Miers, 1886

Hexapinus edwardsi (Serène and Soh, 1976)
Hexapinus granuliferus (Campbell and Stephenson, 1970)
Hexapus sexpes (Fabricius, 1798)
Hexapus stephensi Serène and Soh, 1976
Thaumastoplax orientalis Rathbun, 1909

Family Palicidae Bouvier, 1897

Palicus woodmasoni (Alcock, 1900)
 = *Palicus microfrons* Sakai, 1963
Parapalicus ambonensis Moosa and Serène, 1981

Family Ocypodidae Rafinesque, 1815**Subfamily Ocypodinae** Rafinesque, 1815

Ocypode ceratophthalmus (Pallas, 1772)
Uca angustifrons (De Man, 1891)
Uca annulipes (H. Milne Edwards, 1837)
Uca coarctata (H. Milne Edwards, 1852)
 = *Uca rathbunae* Pearse, 1912
 = *Uca ischnodactylus* Nemec, 1939
 = ? *Uca mearnsi* Rathbun, 1913
Uca dussumieri (H. Milne Edwards, 1852)
Uca forcipata (Adams and White, 1849)
 = *Uca rubripes* Estampador, 1937
 = *Uca manii* Rathbun, 1909
Uca rosea (Tweedie, 1937)
Uca tetragonon (Herbst, 1790)
Uca triangularis (A. Milne Edwards, 1873)
Uca vocans (Linnaeus, 1758)
 = *Gelasimus marionis* Desmarest, 1825
 = *Gelasimus nitidus* Dana, 1851
 = *Gelasimus cultrimanus* White, 1847
 = *Uca marionis* forma *excisa* Nobili, 1906

Subfamily Macrophthalminae Dana, 1851

Macrophthalmus boscii Audouin and Savigny, 1825
 = *Chaenostoma orientale* Stimpson, 1858
 = *Chaenostoma crassimanus* Stimpson, 1858
 = *Macrophthalmus franchettii* Maccagno, 1936
Macrophthalmus brevis (Herbst, 1804)
 = *Macrophthalmus carinimanus* H. Milne Edwards, 1837
 = *Macrophthalmus simdentatus* Shen, 1936
 = *Macrophthalmus dilatatus carens* Lanchester, 1900
 = *Macrophthalmus travancorensis* Pillai, 1951
Macrophthalmus ceratophorus Sakai, 1969
Macrophthalmus convexus Stimpson, 1858
 = *Macrophthalmus inermis* A. Milne Edwards, 1867
Macrophthalmus definitus White, 1848
Macrophthalmus laevimanus H. Milne Edwards, 1852
 = *Macrophthalmus malayensis* Tweedie, 1937
Macrophthalmus milloti Crosnier, 1965
Macrophthalmus pacificus Dana, 1851
 = ? *Macrophthalmus bicarinatus* Heller, 1868
Macrophthalmus parvimanus Guérin-Ménéville, 1834
 = *Macrophthalmus parvimanus kempfi* Gravely, 1927
Macrophthalmus quadratus A. Milne Edwards, 1873

Macrophthalmus serenei Takeda and Komai, 1991 (= *M. verreauxi* of Lundoer, 1974)

Macrophthalmus teschi Kemp, 1919

Macrophthalmus tomentosus Souleyet, 1841

Macrophthalmus transversus (Latreille, 1817)

Subfamily Scopimerinae Alcock, 1900

Dotilla myctiroides (H. Milne Edwards, 1852)

Dotillopsis brevitarsis (De Man, 1888)

Ilyoplax delsmanni De Man, 1926

Ilyoplax integer (Tesch, 1918)

Ilyoplax lingulatus (Rathbun, 1909)

Ilyoplax orientalis (De Man, 1888)

Ilyoplax obliquus Tweedie, 1935

Ilyoplax punctatus Tweedie, 1935

Scopimera pilula Kemp, 1919

Scopimera proxima Kemp, 1919

Family Camptandriidae Stimpson, 1858

Baruna minuta Harminto and Ng, 1991 *

Baruna trigranulum (Dai and Song, 1986)

= *Baruna mangromurphia* Harminto and Ng, 1991

Camptandrium sexdentatum Stimpson, 1858

Ilyogynnis microcheirum (Tweedie, 1937)

Paracleistostoma depressum De Man, 1895

Tylodiplax tetratylophora de Man, 1895

Family Grapsidae MacLeay, 1838

Subfamily Grapsinae MacLeay, 1838

Grapsus albolineatus Lamarck, 1818

= *Cancer strigosus* Herbst, 1799

= *Grapsus (Goniopsis) flavipes* MacLeay, 1838

= *Grapsus granulatus* H. Milne Edwards, 1853

= *Grapsus peroni* H. Milne Edwards, 1853

= *Grapsus longipes* Stimpson, 1858

Grapsus tenuicrustatus (Herbst, 1783)

= *Grapsus hirtus* Randall, 1840

= *Grapsus rudis* H. Milne Edwards, 1853

= *Grapsus pharaonis* H. Milne Edwards, 1853

= *Grapsus gracilipes* H. Milne Edwards, 1853

= *Grapsus gracillimus* Sandler, 1923

Metopograpsus latifrons (White, 1847)

= *Metopograpsus maculatus* H. Milne Edwards, 1853

= *Grapsus (Grapsus) dilatatus* De Man, 1879

= *Metopograpsus pictus* A. Milne Edwards, 1863

Metopograpsus oceanicus (Jacquinot, 1853)

Metopograpsus quadridentatus Stimpson, 1858

= *Pachygrapsus quadratus* Tweedie, 1936

Metopograpsus thukuhar (Owen, 1839)

= *Metopograpsus eydouxii* H. Milne Edwards, 1853

= *Metopograpsus intermedius* H. Milne Edwards, 1853

Pachygrapsus minutus A. Milne Edwards, 1873

= *Sesarma murrayi* Calman, 1909

Pachygrapsus planifrons De Man, 1888

= *Pachygrapsus longipes* Rathbun, 1893

Subfamily Varuninae Alcock, 1900

Metaplax crenulata (Gerstaecker, 1856)

Metaplax distinctus H. Milne Edwards, 1852

Metaplax elegans De Man, 1888

= *Metaplax crassipes* De Man, 1892

Ptychognathus barbatus (A. Milne Edwards, 1873)

Varuna litterata (Fabricius, 1798)

Varuna yui Hwang and Takeda, 1986

Subfamily Sesarminae Dana, 1851

Beanium andersoni (De Man, 1887)

Beanium batavicum (Moreira, 1903)

Clistocoeloma merguense De Man, 1888

Episesarma mederi (H. Milne Edwards, 1853)

Episesarma versicolor (Tweedie, 1940)

Episesarma singaporense (Tweedie, 1940)

Episesarma palawanense (Rathbun, 1914)

Nanosesarma minutum (De Man, 1887)

= *Sesarma jousseaumei* Nobili, 1906

Nanosesarma pontianacensis (De Man, 1895)

Neosarmatium meinerti (De Man, 1887)

Parasesarma lepidum (Tweedie, 1950)

Parasesarma melissum De Man, 1887

Parasesarma plicatum (Latreille, 1806)

Perisesarma darwinensis (Campbell, 1967)

Perisesarma dussumieri (H. Milne Edwards, 1853)

Perisesarma eumolpe (De Man, 1895)

Perisesarma haswelli (De Man, 1887)

Perisesarma indiarum (De Man, 1902)

Perisesarma onychophorum (De Man, 1895)

Sesarmoides kraussi (De Man, 1887)

Family Plagusiidae Dana, 1851

- Percnon planissimum* (Herbst, 1804)
 = *Plagusia clavimana* Latreille, 1806
 = *Plagusia serripes* Lamarck, 1818
 = *Acanthopus tenuifrons* H. Milne Edwards, 1853
 = *Percnon demani* Ward, 1934

- = *Cancer urvillei* H. Milne Edwards, 1853
Discoplax hirtipes (Dana, 1851)
Gecarcoidea lalandii H. Milne Edwards, 1837
 = *Hylaeocarcinus humei* Wood Mason, 1873
 = *Limnocarcinus intermedius* De Man, 1879
 = *Pelocarcinus marcheii* A. Milne Edwards, 1890
 = *Pelocarcinus cailloti* A. Milne Edwards, 1890

Family Pinnotheridae De Haan, 1833**Subfamily Pinnotherinae** De Haan, 1833

Pinnotheres sp.

Subfamily Asthenognathinae Stimpson, 1858

- Asthenognathus gallardoi* Serène and Soh, 1976
Asthenognathus hexagonum Rathbun, 1909
Pinnixa hematosticta Sakai, 1934
Tetrias fischeri (A. Milne Edwards, 1867)

Subfamily Xenophthalminae Alcock, 1900

- Neoxenophthalmus obscurus* (Henderson, 1893)
Xenophthalmus pinnotheroides White, 1846

Family Gecarcinidae MacLeay, 1838

- Cardisoma carnifex* (Herbst, 1794)
 = *Cardisoma obesum* Dana, 1851
 = *Perigrapsus excelsus* Heller, 1865

Family Cryptochiridae Paulson, 1875

- Cryptochirus coralliodytes* Heller, 1861
 = *Cryptochirus rugosus* Edmondson, 1933
Fizesereneia heimi (Fize and Serène, 1957)
Opecarcinus crescentus (Edmondson, 1925)
Xynomaia sheni (Fize and Serène, 1957)

Family Potamidae Ortmann, 1896

- Demanietta renongensis* Rathbun, 1904
 = *Potamon (Ranguna) tenasserimensis smalleyi*
 Bott, 1966

Family Parathelphusidae Alcock, 1910

- Salangathelphusa brevicarinata* (Hilgendorf, 1882)
 = *Parathelphusa salangensis* Ortmann, 1893

Family Gecarcinucidae Rathbun, 1904

- Phricotelphusa limula* (Hilgendorf, 1882)

NOTES ON NEW RECORDS FOR WESTERN THAILAND

Leucosiidae

Parilia alcocki Wood Mason, 1891

Material examined

PMBC 16997, 1 female, 45.3 by 46.7 mm,
 06°49.7'N 097°53.8'E, M.V. *Paknam*, trawl, 317
 m, 20.03.1989.

Portunidae

Charybdis riversandersoni Alcock, 1899

Material examined

PMBC 16984, 1 male, 64.8 by 44.7 mm, Phuket
 Fish port, coll. P. Davie and P. Ng, 12.12.1998.

Thalamita admete (Herbst, 1803)**Material examined**

PMBC 17097, 1 male, 12.3 by 7.5 mm, 1 female, 18.2 by 11.3 mm, Cape Panwa reefs (Phuket), coll. P. Ng and P. Davie, 04.12.1998.

Thalamita gatavakensis Nobili, 1906**Material examined**

PMBC 17095, 1 female, 5.4 by 3.5 mm, Racha Yai Island (Phuket), 05.12.1998.

Podophthalmus nacreus Alcock, 1899**Material examined**

PMBC 17021, 1 male, 23.4 by 12.2 mm, Phuket Fish port, coll. P. Davie and P. Ng, 12.12.1998.

Eriphiidae***Globopilumnus actumnoides*** (A. Milne Edwards, 1873)**Material examined**

PMBC 17089, 1 female, 7.3 by 5.7 mm, Racha Yai Island (Phuket), in coral rock, ca. 15 m, 05.12.1998.

Xanthidae***Polydectus cupulifer*** (Latreille, in Milbert, 1812)**Material examined**

PMBC 17098, 1 male, 4.8 by 3.5 mm, Racha Noi Island (Phuket), on soft coral, 14.12.1998.

Liomera monticulosa (A. Milne Edwards, 1873)**Material examined**

PMBC17040, 1 male, Racha Yai Island (Phuket), 05.12.1998.

Medaeops granulosis (Haswell, 1882)**Material examined**

PMBC 17042, 1 male, 10.4 by 7.2 mm, 1 female, 9.5 by 6.5 mm, Cape Panwa reefs (Phuket), coll. P. Ng and P. Davie, 04.12.1998.

Actaea savignyi (H. Milne Edwards, 1834)**Material examined**

PMBC 17093, 1 male, 18.2 by 14.3 mm, Phuket Fish port, coll. P. Ng and P. Davie, 08.12.1998.

Forestia depressa (White, 1848)**Material examined**

PMBC 17082, 1 female, 25.5 by 18.0 mm, Cape Panwa reefs (Phuket), in depression in rock facing sea, coll. P. Ng and P. Davie, 04.12.1998.

Gaillardiiellus orientalis (Odhner, 1925)**Material examined**

PMBC 17035, 1 female, 26.2 by 18.7 mm, Cape Panwa reefs (Phuket), coll. P. Ng and P. Davie, 04.12.1998; PMBC 16879, 1 female, Kai Island–Dok Mai Island (Phuket), trawl, 24 m, coll. S. Bussarawit and C. Aungtonya, 27.02.1998.

Liocarpilodes integerrimus (Dana, 1852)**Material examined**

PMBC 17030, 1 male, 1.9 by 1.4 mm, Racha Yai Island (Phuket), 05.12.1998.

Phymodius granulatus (Targioni Tozzetti, 1877)**Material examined**

PMBC 17033, 1 male, 10.1 by 7.7 mm, Cape Panwa reefs (Phuket), among rubble, coll. P. Ng and P. Davie, 04.12.1998.

Kraussia rugulosa (Krauss, 1843)**Material examined**

PMBC 17076, 1 male, 20.4 by 17.8 mm, north of pier at PMBC (Phuket), reef flat, 25.01.1975.

Pilumnidae*Glabropilumnus edamensis* (De Man, 1888)**Material examined**

PMBC 17094, 2 males, 4.5 by 3.6 mm, Cape Panwa reefs (Phuket), inside coral rubble, coll. P. Ng and P. Davie, 04.12.1998.

Remarks

Galil and Takeda (1988) synonymised *G. edamensis* with *G. laevimanus* (Dana) with little discussion. Although the external features of the two species are similar, the subtle differences in carapace morphology are real, with the two species differing markedly in colour (*G. edamensis* is uniformly bright red in life vs. greyish-blue in *G. laevimanus*) and their first zoeae are also different (P.K.L.Ng, personal observation). Clearly the affinities of these two species must be reappraised, but until then, we prefer to regard these two as separate species.

Pilumnus cursor A. Milne Edwards, 1873**Material examined**

PMBC 17026, 1 male, 4.6 by 2.6 mm, Racha Yai Island (Phuket), in coral rock, ca. 15 m, SCUBA, 05.12.1998.

Remarks

The presence of this species, originally described from New Caledonia, in western Thailand is interesting, as many older records of this species are either incorrect or suspicious (see Ng, 1988).

Halimede ochtodes (Herbst, 1783)**Material examined**

PMBC 17015, 1 male, 36.0 by 26.0 mm, Phuket fish port, coll. P. Ng and P. Davie, 08.12.1998.

Goneplacidae*Carcinoplax spinosissima* Rathbun, 1914**Material examined**

PMBC 17001, 1 female, 51.7 by 42.1 mm, 06°49.7'N 097°53.8'E, trawl, 317 m, M.V. *Paknam*, 20.03.1989.

Remarks

This species, usually associated with deeper waters, has not been found in Thailand before, although its presence in the deep Andaman Sea is not unexpected.

Camptandriidae*Baruna minuta* Harminto and Ng, 1991**Material examined**

PMBC 17085, 2 females, 4.0 by 3.0 mm, Cape Panwa reefs (Phuket), inside coral rock, coll. P. Ng and P. Davie, 04.12.1998.

Remarks

This species was not previously recorded from the Indian Ocean, being otherwise known only from continental Southeast Asia (Harminto and Ng, 1991).

Ocypodidae*Macrophthalmus (Macrophthalmus) ceratophorus* Sakai, 1969**Material examined**

PMBC 15359, 1 male, 2 females, off Surin Island, station 341, 08°27'N, 097°56'E, trawl, 23 m, R.V. *Research No. 2*, coll. A. Nateewathana and S. Bussarawit, 01.06.1985.

Remarks

These specimens agree closely with the description and figures of Sakai (1969), as well as those of Fransen (1998) who has recently recorded this species from the Amirante Islands, western

Indian Ocean. Ho (1995) and Chen (1998) also recently reported this species from Taiwan and the South China Sea. An interesting new record for Thailand.

DISCUSSION

The total fauna now known from western Thailand stands at an impressive 406 species, representing 32 families. This fauna is primarily Indian Ocean in character, although many species have very wide distributions. In addition, 21 new records for this area of Thailand are also reported. Western Thailand and Phuket sit at a very important boundary area between the more oceanic waters of the Indian Ocean and the less saline waters of continental South-East Asia. Located at the beginning of the Straits of Malacca, western Thailand and Phuket thus has a very good mix of brachyuran fauna. In addition, this area straddles

the waters of the Andaman Sea, where many interesting deep water taxa can be expected. The species now known from this area will certainly increase as more surveys of the Andaman Sea continue. Compared to the much greater attention paid to the fauna in the Gulf of Thailand (see Suvatti, 1937; 1950; Naiyanetr, 1980; 1998), western Thailand is far more poorly studied.

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