

SUPPLEMENTARY MATERIAL

Molecular evidence for non-monophyly of the pinnotheroid crabs (Crustacea : Brachyura : Pinnotheroidea), warranting taxonomic reappraisalEmma Palacios Theil^{A,C}, José A. Cuesta^B, Darryl L. Felder^A^ADepartment of Biology, Laboratory for Crustacean Research, University of Louisiana at Lafayette, Lafayette, LA 70504-2451, USA.^BInstituto de Ciencias Marinas de Andalucía (CSIC), Avenida República Saharahui, 2, E-11510 Puerto Real, Cádiz, Spain.^CCorresponding author. Email: emma_pt@yahoo.es**Table S1. Species of superfamily Pinnotheroidea (updated from Ng *et al.* 2008), their distribution, hosts, and whether female and male are reported**

References indicated only if different from original description

Genus	Species	Distribution	Reported hosts	F, M?	References
Family Aphanodactylidae					
<i>Gandoa</i> Kammerer, 2006 = <i>Voeltzkovia</i> Lenz, 1905 (name preoccupied)	<i>Gandoa brevipes</i> (H. Milne Edwards, 1853) [<i>Pinnixa</i>]	Madagascar, Mayote, Comoro Island		F	Ahyong and Ng 2009
	<i>Gandoa zanzibarensis</i> (Lenz, 1905) (type species) [<i>Voeltzkovia</i>]	Kokotoni, Zanzibar (Tanzania)		F	Schmitt <i>et al.</i> 1973
<i>Gustavus</i> Ahyong & Ng, 2009	<i>Gustavus mecognathus</i> Ahyong & Ng, 2009	SW Cocos Barrier, Guam	large terebellid worm	F, M	
<i>Selwynia</i> Borradaile, 1903 = <i>Aphanodactylus</i> Tesch, 1918	<i>Selwynia edmondsoni</i> (Rathbun, 1932) [<i>Aphanodactylus</i>]	Hawaiian Island	<i>Loimia medusa</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Selwynia laevis</i> Borradaile, 1903 (type species)	Male Atoll (Maldives)		M	Ng and Clark 2015
	<i>Selwynia loimiae</i> (Konishi & Noda, 1999) [<i>Aphanodactylus</i>]	Yaeyama Islands, Okinawa (Japan)	<i>Loimia ingens</i>	F, M	Ng <i>et al.</i> 2010
	<i>Selwynia panglao</i> (Ng & Naruse, 2009) [<i>Aphanodactylus</i>]	Panglao Islands, Bohol Sea (Philippines)	unidentified terebellid worm	F	
	<i>Selwynia sibogae</i> (Tesch, 1918) [<i>Aphanodactylus</i>]	Sapeh Bay, N Sumbawa Island (Indonesia)	<i>Loimia</i>		Schmitt <i>et al.</i> 1973
<i>Takedactylus</i> Naruse & Maenosono, 2012	<i>Takedactylus masatsunei</i> Naruse & Maenosono, 2012	Sesoko Island, Ryuku Islands (Japan)		F	
<i>Uruma</i> Naruse, Fujita & Ng, 2009	<i>Uruma ourana</i> Naruse, Fujita & Ng, 2009	Oura Bay Okinawa, Ryukyu Islands (Japan)	possibly polychaete worm	M	
FAMILY PINNOTHERIDAE					
<i>Abyssotheres</i> Manning & Galil, 2000	<i>Abyssotheres abyssicola</i> (Alcock & Anderson, 1899) (type species) [<i>Pinnotheres</i>]	Travancore (India)	<i>Lima indica</i>	F	Schmitt <i>et al.</i> 1973
	<i>Abyssotheres aesticola</i> Komatsu & Ohtsuka, 2009	Ryukyu Islands (Japan)	<i>Acesta philippinensis</i>	F, M	
<i>Afropinnotheres</i> Manning, 1993	<i>Afropinnotheres crosnieri</i> Manning, 1993	Bay of Point Noire (Congo)	'one specimen was taken from oyster grates'	F, M	
	<i>Afropinnotheres guinotae</i> Manning, 1993	Bay of Santa Marta (Angola)	unnamed mussel	M	

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	<i>Afropinnotheres larissae</i> (Machkevskiy, 1992) [<i>Pinnotheres</i>]	Sankouta, near Toubacouta (Senegal); Kaloum peninsula (Guinea); Ivory Coast	<i>Cassostrea tulipa</i> , <i>Ostraea gasar</i>	F, M	Manning 1993b
	<i>Afropinnotheres monodi</i> Manning, 1993 (type species)	lagoon of Moulay bou Selham, mouth of Oued Massa, Sous (Morocco); Bay of Cansado and Port-Étienne (Mauritania); Gulf of Cádiz (Spain); South of Portugal	<i>Chamelea gallina</i> , <i>Donax trunculus</i> , <i>Mactra stultorum</i> , <i>Mytilus galloprovincialis</i> , <i>Spisula solida</i> , <i>Venerupis decussatus</i> , <i>Scobricularia plana</i> , <i>Cerastoderma glaucum</i>	F, M	Manning 1993b; Subida <i>et al.</i> 2011; Drake <i>et al.</i> 2014
	<i>Afropinnotheres ratnakara</i> Ng & Kumar, 2015	SW India; South Africa (?); Pakistan (?)	<i>Perna perna</i>	F, M	
Alain Manning, 1993	<i>Alain crosnieri</i> Manning, 1998 (type species)	off Maluku (Indonesia)	<i>Molpadia</i>	F, M	
	<i>Alain raymondi</i> Ahyong & Ng, 2008	9°37.1–36.7' N, 123°44.5–42.9' E (Philippines)	intestine of unidentified deep-water holothurians	F, M	
<i>Alainotheres</i> Manning, 1993	<i>Alainotheres leloeuffi</i> (Crosnier, 1969) [<i>Pinnotheres</i>]	Vridi (Ivory Coast)		M	
<i>Alarconia</i> Glassell, 1938	<i>Alarconia guinotae</i> Coelho, 1996	Para to Parana (Brazil)		F, M	
	<i>Alarconia seaholmi</i> Glassell, 1938 (type species)	Acapulco, Guerrero State (Mexico)		M	
<i>Arcotheres</i> Manning, 1993	<i>Arcotheres alcocki</i> (Rathbun, 1910) [<i>Pinnotheres</i>] = <i>Pinnotheres parvulus</i> De Man, 1887 (preoccupied name)	Mergui Archipelago; Philippines; Indonesia	<i>Periglypta</i> , <i>Pinna bicolor</i> , <i>Atrina vexillum</i> , <i>Mytilus</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres arcophilus</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Philippines; Indonesia; Malaysia	<i>Arca</i>	F, M	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres coarctatus</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Zamboanga; Philippines; Singapore	<i>Polymesoda</i> (<i>Geloina</i>) <i>coaxans</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres exiguus</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Samar Is. (Philippines)		F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres guinotae</i> Campos, 2001	Thailand	<i>Barbatia</i> sp.	F	
	<i>Arcotheres latifrons</i> (Bürger, 1895) [<i>Xenophthalmus</i>]	Mariveles and Bohol (Philippines)		F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres latus</i> (Bürger, 1895) [<i>Pinnotheres</i>]	China; Indonesia; Philippines; Palau	<i>Pinna</i> sp., <i>Atrina vexillum</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres modiolicola</i> (Bürger, 1895) [<i>Pinnotheres</i>]	SW India; Singapore; Malaysia, Philippines	<i>Modiolus philippinarum</i> , <i>Mactra violacea</i> , <i>Marcia opima</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres nudifrons</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Lapinig (Philippines)		F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres palaensis</i> (Bürger, 1895) (type species) [<i>Pinnotheres</i>]	Palau Is., Ubay and Burias (Philippines); Indonesia; Malaysia	<i>Anadara granosa</i> , <i>Anadara scapha</i> , <i>Area</i> , <i>Barbatta lima</i> , <i>Placuna sella</i> , <i>Mactra mera</i>	F, M	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres pernicola</i> (Bürger, 1895) [<i>Pinnotheres</i>]	French Somaliland; Philippines; New Guinea	<i>Isognomon</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres placunae</i> (Hornell & Southwell, 1909) [<i>Pinnotheres</i>]	W India; Ceylon	<i>Placuna placenta</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Arcotheres rayi</i> Ahyong & Ng, 2007	Mariveles or Bohol (Philippines)		F	
	<i>Arcotheres rhombifer</i> (Bürger, 1895) [<i>Pinnotheres</i>] = <i>Pinnotheres latissimus</i> Bürger, 1895	Ubay, Manila (Philippines); Hakata Bay (Japan)	<i>Glycymeris</i> (<i>Tucetona</i>) <i>auriflua</i> , <i>Tapes japonica</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres rotundatus</i> (Bürger, 1895) [<i>Pinnotheres</i>] = <i>Pinnotheres consors</i> Bürger, 1895	Burias (Philippines); Palau Is.; Indonesia	<i>Circe</i> , <i>Arca</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Arcotheres similis</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Singapore; Malaysia; Philippines; Cape Jaubert (Australia)	<i>Ostrea</i> , <i>Placuna placenta</i>	F	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973

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	<i>Arcotheres sinensis</i> (Shen 1932) [<i>Pinnotheres</i>] (possibly a synonym or <i>A. alcocki</i>)	Liaotung and Shaotung peninsulas (China); Japan; Korea	bivalves: <i>Tapes</i> , <i>Ostrea</i> , <i>Mytilus</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Arcotheres spinidactylus</i> (Gordon, 1936) [<i>Pinnotheres</i>]	China; Singapore; E Australia	<i>Modiolus philippinarum</i>	F, M	
	<i>Arcotheres tivelae</i> (Gordon, 1936) [<i>Pinnotheres</i>]	Muscat (Arabia)	<i>Tivela ponderosa</i>	F	
	<i>Arcotheres winckworthi</i> (Gordon, 1936) [<i>Pinnotheres</i>]	Penang (Malaysia)	<i>Paphia gallus</i>		
<i>Austinixa</i> Heard & Manning, 1997	<i>Austinixa aidae</i> (Righi, 1967) [<i>Pinnixa</i>] = <i>A. hardyi</i> Heard & Manning, 1997	Amapa to Rio Grande do Sul (Brazil); Tobago; Isla Margarita (Venezuela)+; Bocas del Toro (Panama)+	<i>Neocallichirus grandimana</i> , <i>Callichirus major</i>	F, M	Coelho 1997; Harrison and Hanley 2005; Heard and Manning 1997; Manning and Felder 1989
	<i>Austinixa behreae</i> (Manning & Felder, 1989) [<i>Pinnixa</i>]	NE GMx, Alabama to Texas (U.S.A.)	<i>Callichirus islagrande</i> , <i>C. major</i>	F, M	
	<i>Austinixa bragantina</i> Coelho 2005	Pará State (Brazil)	<i>Lepidophthalmus siriboia</i> , <i>Callichirus major</i>	F, M	
	<i>Austinixa chacei</i> (Wass, 1955) [<i>Pinnixa</i>]	NW Florida, Louisiana, Texas (U.S.A.)	<i>Callichirus islagrande</i>	F, M	Manning and Felder 1989
	<i>Austinixa cristata</i> (Rathbun, 1900) (type species) [<i>Pinnixa</i>]	Beaufort, N and S Carolina to isle Louisiana, Long Lake, Texas (U.S.A.)	<i>Callichirus major</i> , <i>C. grandimana</i> , <i>Neocallichirus guassutunga</i> , <i>N. aff. mericeae</i> +	F, M	Manning and Felder 1989, (DLF notes)
	<i>Austinixa felipensis</i> (Glassell, 1935) [<i>Pinnixa</i>] = <i>Pinnixa salvadorensis</i> Bott, 1955	San Felipe (Mexico), Corral de Mulas and La Chepona (El Salvador), Enramada (Panama)+		F, M	Manning and Felder 1989; Schmitt <i>et al.</i> 1973
	<i>Austinixa gorei</i> (Manning & Felder, 1989) [<i>Pinnixa</i>]	Florida (U.S.A.), Little Cayman Island, Cuba+, French Antilles+, Jamaica+, Panama+, Colombia+	<i>Neocallichirus grandimana</i> , <i>N. lemairei</i> +	F, M	(DLF notes)
	<i>Austinixa leptodactyla</i> (Coelho, 1997) [<i>Pinnixa</i>]	Para, Rio Grande do Norte, Pernambuco and Sergipe, Ceara (Brazil)			
	<i>Austinixa patagoniensis</i> (Rathbun, 1918) [<i>Pinnixa</i>] = <i>Pinnixa angeloi</i> Righi, 1967	São Paulo, Rio de Janeiro (Brazil), Buenos Aires, NE Patagonia (Argentina)	<i>Callichirus major</i> , <i>Glossobalanus</i> , <i>Arenicola</i>	F, M	Coelho 1997; Fenucci 1975
	<i>Austinixa</i> sp. 1	W Nicaragua	<i>Callichirus</i> sp.		(DLF notes)
	<i>Austinixa</i> sp. 2	Bocas del Toro (Panama)	callianassid shrimp burrows		(DLF notes)
	<i>Austinixa</i> sp. 3	Dangriga (Belize); Bocas del Toro (Panama)	<i>Lepidophthalmus richardi</i>		(DLF notes)
<i>Austinotheres</i> Campos, 2002	<i>Austinotheres angelicus</i> (Lockington, 1877) [<i>Pinnotheres</i>]	San Felipe, Los Angeles Bay and San Jose Is. (Mexico) to Colombia	<i>Modiolus capax</i> , <i>Myrakeena angelica</i> , <i>Ostrea palmula</i>	F, M	Campos 2002; Schmitt <i>et al.</i> 1973
<i>Bonita</i> Campos, 2009	<i>Bonita mexicana</i> Campos, 2009	Point Sofia, Tortugas Bay (Mexico)	<i>Pseudochama exogyra</i>	F	
<i>Buergeres</i> Ng & Manning, 2003	<i>Buergeres deccanensis</i> (Chopra, 1931) [<i>Pinnotheres</i>]	Madras and Kerala States (S India)	<i>Holothuria scabra</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Buergeres holothuriae</i> (Semper, 1880) [<i>Pinnotheres</i>]	Zamboanga, Mindanao (Philippines)	<i>Holothuria scabra</i> (?), <i>Stichopus variegatus</i>	F	Ng and Manning 2003; Schmitt <i>et al.</i> 1973
	<i>Buergeres ortmanni</i> (Bürger, 1895) (type species) [<i>Pinnotheres</i>]	Aibukit (Philippines); Singapore; Malaysia	<i>Holothuria fuscocinerea</i>	F	Ng and Manning 2003; Schmitt <i>et al.</i> 1973
	<i>Buergeres tenuipes</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Ubay (Philippines)	holothurian	F	Schmitt <i>et al.</i> 1973
<i>Calyptraeotheres</i> Campos, 1990	<i>Calyptraeotheres camposi</i> Ayón-Parente & Hendrickx, 2014	Gulf of California (Mexico)	<i>Crepidula striolata</i>	F	
	<i>Calyptraeotheres garthi</i> (Fenucci, 1975) [<i>Fabia</i>] = <i>C. hernandezii</i> Hernández-Ávila & Campos, 2006	Brazil to Argentina; Isla Cubagua (Venezuela)	<i>Crepidula protea</i> , <i>C. unguiformis</i>	F, M	Hernández-Ávila and Campos 2006; Ocampo <i>et al.</i> 2013
	<i>Calyptraeotheres granti</i> (Glassell, 1933) (type species) [<i>Fabia</i>]	Magdalena Bay and San Felipe, Bay of Mazatlán, Gulf of California (Mexico)	<i>Crucibulum auricula</i> , <i>C. spinosum</i> , <i>Acmaea</i> , <i>Crepidula</i>	F, M	Schmitt <i>et al.</i> 1973

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	<i>Calyptraeotheres pepeluisi</i> Campos & Hernández-Avila 2010	Michoacán (Mexico)		F	
	<i>Calyptraeotheres politus</i> (Smith, 1870) [<i>Ostracotheres</i>]	Ancon Bay (Peru) to Castro, Chiloe Is. (Chile)	<i>Semimytilus algosus</i> , <i>Crepidula dilatata</i> , <i>Calyptra</i>	F, M	Schmitt <i>et al.</i> 1973
<i>Clypeasterophilus</i> Campos & Griffith, 1990	<i>Clypeasterophilus juvenilis</i> (Bouvier, 1917) [<i>Dissodactylus</i>] = <i>Dissodactylus alcocki</i> Rathbun, 1918	Yucatan (Mexico), Mississippi River Delta to Florida (U.S.A.); Bahamas	<i>Clypeaster subdepressus</i>	F, M	Griffith 1987
	<i>Clyperasterophilus rugatus</i> (Bouvier, 1917) (type species) [<i>Dissodactylus</i>] = <i>Dissodactylus calmani</i> Rathbun, 1918	Dominica West Indies; Florida (USA); Cuba; Mosquito Is.; Providencia, Santa Marta (Colombia); Carrie Bow Cay (Belize)+; Bocas del Toro (Panama)+	<i>Clypeaster rosaceus</i> , <i>Meoma ventricosa</i> <i>ventricosa</i>	F, M	Campos and Solís-Marín 1998; Griffith 1987; Werding and Sánchez 1989
	<i>Clyperasterophilus stebbingi</i> (Rathbun, 1918) [<i>Dissodactylus</i>]	Virginia; W and NW Florida (U.S.A.); Isla Margarita (Venezuela)+; Ilha Anchieta (Brazil)+	<i>Clypeaster subdepressus</i>	F, M	Griffith 1987
	<i>Clyperasterophilus ususfructus</i> (Griffith, 1987) [<i>Dissodactylus</i>]	Costa Rica to Ecuador; San Miguel Cape, Fuerte River, Gulf of California (Mexico) to Santa Elena Bay (Ecuador)	<i>Clypeaster europacificus</i> (?)	F, M	
<i>Dissodactylus</i> Smith, 1870 = <i>Echinophilus</i> Rathbun, 1900	<i>Dissodactylus crinitichelis</i> Moreira, 1901 = <i>Dissodactylus encopei</i> Rathbun, 1901	North Carolina and NW Florida (U.S.A.); Cuba; Jamaica; Puerto Rico; Belize; Caribbean coast of Colombia; British Honduras; Paraiba to RGS (Brazil)	<i>Encope emarginata</i> , <i>E. michelini</i> , <i>Clypeaster subdepressus</i> , <i>Leodia sexiesperforata</i>	F, M	Campos and Solís-Marín 1998; Griffith 1987
	<i>Dissodactylus glasselli</i> Rioja, 1944	Chiapas, Bay of Mazatlán (Mexico); Puerto El Triunfo (El Salvador); Manuel Antonio, Guanacaste (Costa Rica)	<i>Mellita longifissa</i> , <i>M. grantii</i> , <i>M. kanakoffi</i>	F, M	Hendrickx 2008; Pohle and Marques 1995
	<i>Dissodactylus latus</i> Griffith, 1987	W Florida, E Florida+ (USA); Rio Grande do Sul (Brazil)?	<i>Encope michelini</i> , <i>Leodia sexiesperforata</i> , <i>Clypeaster subdepressus</i>	F, M	
	<i>Dissodactylus lockingtoni</i> Glassell, 1935 = <i>Dissodactylus smithi</i> Rioja, 1944	San Felipe, Gulf of California, Punta Peñasco and Sonora (Mexico), Puntarenas (Costa Rica)	<i>Mellita longifissa</i> , <i>M. kanakoffi</i> , <i>Encope micropor</i> , <i>E. grandis</i> , <i>E. californica</i>	F, M	Pohle and Marques 1995
	<i>Dissodactylus mellitae</i> (Rathbun, 1900) [<i>Echinophilus</i>]	Massachusetts to South Carolina, NW Florida, Texas (U.S.A.)	<i>Mellita quinquesperforata</i> , <i>Echinarachnius parma</i> , <i>Encope michelini</i> , <i>Clypeaster subdepressus</i>	F, M	Griffith 1987
	<i>Dissodactylus nitidus</i> Smith, 1870 (type species) = <i>Dissodactylus meyerabichi</i> Bott, 1955	Santa Maria Bay, Abrejos Point, Concepcion Bay and Puerto Peñasco (Mexico) to Bay of Sechura (Peru)	<i>Encope grandis</i> , <i>Encope californica</i> , <i>Mellita longifissa</i> , <i>Encope micropora</i>	F, M	Griffith 1987
	<i>Dissodactylus primitivus</i> Bouvier, 1917 = <i>Dissodactylus borradailei</i> Rathbun, 1918	Straits of Florida, Miami, Hawk Channel, (Florida, U.S.A.); Jamaica; Discovery Bay, Rockley Beach (Barbados); San Blas Islands (Panama); Cuba	<i>Meoma ventricosa</i> , <i>Plagiobrissus grandis</i>	F, M	Campos and Solís-Marín 1998; Griffith 1987
	<i>Dissodactylus schmitti</i> Griffith, 1987	White Friars (Mexico)	possibly <i>Meoma</i> , or other spatangoids	F	Griffith 1987
	<i>Dissodactylus xantusi</i> Glassell, 1936	San Felipe to Espiritu Santo Is., Gulf of California and Punta Peñasco, Sonora (Mexico); Venado Beach (Panama)	<i>Mellita longifissa</i> , <i>Encope stokesi</i>	F, M	Griffith 1987
<i>Duckheimia</i> De Man, 1889 = <i>Pinnotheropsis</i> Kubo, 1939	<i>Durckheimia caeca</i> Bürger, 1895 = <i>Pinnotheropsis yokotai</i> Kubo, 1939	Coast of Miyaki, Kii Peninsula, Amami Group (Japan); Palau Is.; Philippines	<i>Lima squamosa</i> , <i>Lima sowerbyi</i> , <i>Chama reflexa</i>	F	Schmitt <i>et al.</i> 1973; Ahyong and Ng 2005
	<i>Durckheimia carinipes</i> De Man, 1889 (type species)	'Rothen Meer', Red Sea		F	Ahyong and Ng 2005
	<i>Durckheimia lochi</i> Ahyong & Brown, 2003	Great Barrier Reef, Australia	<i>Ctenoides ales</i> , <i>Lima lima vulgaris</i>	F	
<i>Enigmatheres</i> Campos, 2009	<i>Enigmatheres canfieldi</i> (Rathbun, 1918) [<i>Fabia</i>]	Monterey, California (U.S.A.)	<i>Megathura crenulata</i>	F	Campos 2009
<i>Epulotheres</i> Manning, 1993	<i>Epulotheres angelae</i> Manning, 1993	Barbados	<i>Brachidontes</i>	F	

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<i>Ernestotheres</i> Manning, 1993	<i>Ernestotheres conicola</i> (Manning & Holthuis, 1981) [Pinnotheres]	Conakry (Guinea); Sierra Leona, and Kribi (Cameroon); Point Noire (Congo)	<i>Conus</i>	F, M	Manning and Holthuis 1981; Manning 1993b)
<i>Fabia</i> Dana, 1851 = <i>Cryptophrys</i> Rathbun, 1894 = <i>Raphonotus</i> Rathbun, 1897	<i>Fabia byssomia</i> (Say, 1818) [Pinnotheres]	W Florida (U.S.A.); NW Cuba	<i>Hiatella artica</i>	F	Schmitt <i>et al.</i> 1973
	<i>Fabia carvachoi</i> Campos, 1996	Campo El Pescador, San Felipe, to Puertecitos (Mexico)	<i>Semele flavescens</i>	F, M	
	<i>Fabia concharum</i> (Rathbun, 1893) [Cryptophrys] = <i>Raphonotus lowei</i> Rathbun, 1900	Santa Monica to San Diego, California (U.S.A.), Bahía Tortugas, Bahía Magdalena (Mexico)	<i>Tivela stultorum</i> ; <i>Tapes</i> ; <i>Barnea subtruncata</i> ; <i>Cryptomya californica</i> ; <i>Donax gouldii</i> ; <i>D. levigatus</i> ; <i>Modiolus capax</i> ; <i>M. modiolus</i> ; <i>Parapholas californica</i> ; <i>Kellia laperousii</i> ; <i>Volsella capax</i> ; <i>Phallusia vermiformis</i>	F, M	Campos 1996b
	<i>Fabia emiliae</i> (Melo, 1971) [Pinnotheres] = <i>Fabia insularis</i> Melo, 1971	Rio de Janeiro (Brazil); Mar de la Plata (Argentina)	<i>Anadara brasiliana</i> ; <i>Gycimeris</i> sp.	F, M	Fenucci 1975
	<i>Fabia felderi</i> Gore, 1986	Florida (U.S.A.)	<i>Oculina coral ruble</i>	M	
	<i>Fabia hemphilli</i> (Rathbun, 1918) [Pinnotheres]	Cedar Keys, Florida (U.S.A.)		F	Campos 2013
	<i>Fabia malaguena</i> (Garth, 1948) [Pinnotheres]	Malaga Bay (Colombia)		M	Schmitt <i>et al.</i> 1973
	' <i>Fabia</i> ' <i>sebastianensis</i> Rodrigues da Costa, 1970	São Sebastian (Brazil)	<i>Atrina rigida</i>	F	
	' <i>Fabia</i> ' <i>obtusidentata</i> Dai, Fen, Song & Chen, 1980	China			
	<i>Fabia subquadrata</i> Dana, 1851 (type species)	Alaska to San Diego (U.S.A.)	<i>Mya arenaria</i> , <i>Mytilus edulis</i> , <i>M. californianus</i> , <i>Cyclocardia borealis</i> , <i>C. ventricosa</i> , <i>Tivela stultorum</i> , <i>Protothaca staminea</i> , <i>Saxidomus giganteus</i> , <i>Tresus capax</i> , <i>T. nuttallii</i> , <i>Tapes</i> sp., <i>Strongylocentrotus purpuratus</i> , <i>Styela gibbesii</i>	F, M	Garth and Abbott 1980
	<i>Fabia tellinae</i> Cobb, 1973	Cedar Keys, Florida to Alabama (U.S.A.)	<i>Tellinae magna</i>	F, M	Campos 1996b
<i>Gemmotheres</i> Campos, 1996	<i>Gemmotheres chamae</i> (Roberts, 1975) [Pinnotheres]	off North Carolina Coast (U.S.A.)	<i>Chama congregata</i>	F	Campos 1996a
<i>Glassella</i> Campos & Wicksten, 1997	<i>Glassella costaricana</i> (Wicksten, 1982) [Pinnixa]	Coco Beach, Guanacaste (Costa Rica)		F	
<i>Holotheres</i> Ng & Manning, 2003	<i>Holotheres danielae</i> Ahyong, 2010	Roebuck Bay (Australia)	<i>Haplodactyla</i> sp.	F	
	<i>Holotheres flavus</i> (Nauck, 1880) [Pinnotheres]	Zamboanga and Ubay (Philippines)	unidentified holothurian	F, M	Ng and Manning 2003
	<i>Holotheres halingi</i> (Hamel, Ng & Mercier, 1999) [Pinnotheres]	Solomon Is.	<i>Holothuria scabra</i>	F, M	
	<i>Holotheres semperi</i> (Bürger, 1895) (type species) [Pinnotheres]	Celebes, Sumatra and Java (Indonesia); Singapore; Malaysia	<i>Holothuria fursocinerea</i> , <i>H. scabra</i>	F, M	Ng and Manning 2003
	<i>Holotheres setnai</i> (Chopra, 1931) [Pinnotheres]	Viper Is., Dundas Point, Port Blair (Andaman Is.)	presumably <i>Actinopyga mauritiana</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Holotheres villosissimus</i> (Doflein, 1904) [Pinnotheres]	Sumatra (Indonesia); Andaman Is.	<i>Actinopyga lecanora</i> , <i>A. nauritiana</i>	F, M	Schmitt <i>et al.</i> 1973
<i>Holothuriophilus</i> Nauck, 1880	<i>Holothuriophilus pacificus</i> (Poeppig, 1836) [<i>Leucosia</i>] = <i>Pinnotheres silvestri</i> Nobili, 1901	E Pacific	<i>Athyonidium chilensis</i>	F, M	Manning 1993a; Schmitt <i>et al.</i> 1973

Genus	Species	Distribution	Reported hosts	F, M?	References
	= <i>Pinnaxodes meinerti</i> Rathbun, 1904				
	<i>Holothuriophilus tomentosus</i> (Ortmann, 1894)	Brazil (unknown locality)	<i>Anomaliocardia brasiliana</i>	F, M	de Melo and Boehs 2004; Schmitt <i>et al.</i> 1973
	<i>Holothuriophilus trapeziformis</i> Nauck, 1880	E Pacific	<i>Holothuria lubrica</i> , <i>H. inornata</i> , <i>H. kefersteini</i>	F	Campos <i>et al.</i> 2012
<i>Hospitotheres</i> Manning, 1993	<i>Hospitotheres powelli</i> Manning, 1993	Bonny River (Nigeria)	<i>Lepthalpheus</i> sp., <i>Callichirus balssi</i>	F, M	
<i>Indopinnixa</i> Manning & Morton, 1997	<i>Indopinnixa kasijani</i> Rahayu & Ng, 2010	Ekas, East Lombok (Indonesia)	'apparently free living in shell and coral debris'	F, M	
	<i>Indopinnixa kumejima</i> Naruse & Maenosono, 2012	Kumejima, Ryuku Islands (Japan)		M	
	<i>Indopinnixa moosai</i> Rahayu & Ng, 2010	Sira, West Lombok (Indonesia)	'apparently free living in sand with shell and coral debris'	F, M	
	<i>Indopinnixa mortoni</i> Davie, 1992	Hoi Ha Wan, New Territories (Hong Kong)			
	<i>Indopinnixa oryza</i> Naruse & Maenosono, 2012	Okinawa, Ryuku Islands (Japan)		F, M	
	<i>Indopinnixa shellorum</i> Ng, 2014	St. John Is. (Singapore)	<i>Sipunculus norvegicus</i>	M	
	<i>Indopinnixa sipunculana</i> Manning & Morton, 1987	Tai Tam (Hong Kong)	<i>Sipunculus nudus</i>	F, M	
<i>Juxtafabia</i> Campos, 1993	<i>Juxtafabia muliniarum</i> (Rathbun, 1918) [<i>Pinnotheres</i>] = <i>Pinnotheres reticulatus</i> Rathbun, 1918 = <i>Pinnotheres jamesi</i> Rathbun, 1923	Upper Gulf of California (Mexico) to Costa Rica	<i>Chione californiensis</i> , <i>C. fructifaga</i> , <i>C. tumens</i> , <i>Polymesoda inflata</i> , <i>Protothaca grata</i> , <i>Tagelus affinis</i>	F, M	Campos 1993
<i>Laminapinnixa</i> McDermott, 2014	<i>Laminapinnixa faxoni</i> (Rathbun, 1918) [<i>Pinnixa</i>]	Trinidad and Monos Is. off NW Trinidad, Fort Pierce (FL, U.S.A.)+, Bocas del Toro (Panama)+, Isla Margarita (Venezuela)+	worm burrows, including echiurans	F, M	(DLF notes)
	<i>Laminapinnixa miamensis</i> McDermott, 2014 (type species)	Virginia Key, Miami, and Fort Pierce+ (FL, U.S.A.); Bocas del Toro (Panama)+	<i>Sipunculus nudus</i>	F, M	(DLF notes)
	<i>Laminapinnixa vanderhorsti</i> (Rathbun, 1924) [<i>Pinnixa</i>]	Spanish Harbor (Curaçao); Bocas del Toro (Panama)+		M	Schmitt <i>et al.</i> 1973
<i>Limotheres</i> Holthuis, 1975	<i>Limotheres nasatus</i> Holthuis, 1975	17°08'N 77°35'W (Caribbean Sea, south of Jamaica); off South Carolina (U.S.A.)+ The Blue Hole, Lighthouse Reef (Belize)	<i>Lima tenera</i> , <i>Pododesmus rudis</i> + <i>Malleus candeanus</i>	F	(DLF notes)
<i>Nannotheres</i> Manning & Felder, 1996	<i>Nannotheres moorei</i> Manning & Felder, 1996	Philippines; Gulf of Siam; China	<i>Pinna</i> , <i>Ostrea</i> , <i>Chlamys hastata</i>	F, M	Ahyong and Ng 2007a
<i>Nepinnotheres</i> Manning, 1993	<i>Nepinnotheres affinis</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Grand-Lahou (Ivory Coast); Point Noire (Congo)?		F, M	Manning 1993b
	<i>Nepinnotheres androgynus</i> Manning, 1993	Dakar (Senegal)	<i>Pannoepa glycimereis</i> (?)	F, M	
	<i>Nepinnotheres cardii</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Gulf of Siam, Burias, Philippines, W Australia, Korea, Japan	<i>Fragum unedo</i> , <i>Pinna bicolor</i> , <i>Ostrea denselamellosa</i> , <i>Spisula sachalinensis</i> , <i>Mactra sulcataria</i> , <i>Mytilus crassitesta</i> , <i>Meretrix meretrix</i>	F, M	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Nepinnotheres glaberrimus</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Gulf of Siam, Zamboanga, Ubay (Philippines), Palau Is.	<i>Cahebe</i> , <i>Polymesoda</i> , <i>Arca</i> , <i>Lima divaricata</i>	M	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Nepinnotheres novaezelandiae</i> (Filhol, 1885) [<i>Pinnotheres</i>] = ? <i>Pinnotheres schauinslandi</i> Lenz, 1901	Australia; New Zealand; Chatham Is.; Statham Is.	<i>Mytilus edulis aoteanus</i> , <i>Atrina pectinata zelandica</i> , <i>Modiolus neozelanicus</i> , <i>Perna canalicula</i> , <i>Resania</i>	F, M	Schmitt <i>et al.</i> 1973; Silas and Alagarwami 1975

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			<i>lanceolata</i> , <i>Spisula aequilateralis</i> , <i>Macra discors</i>		
	<i>Nepinnotheres pectinicola</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Philippines, Gulf of Aden	<i>Pecten radula</i>	F	Ahyong and Ng 2007a
	<i>Nepinnotheres pinnotheres</i> (Linnaeus, 1758) (type species) [<i>Cancer</i>] = <i>Pinnotheres veterum</i> Bosc, 1801 = <i>Pinnotheres pinnae</i> Leach, 1814 = <i>Pinnotheres montagui</i> Leach, 1815 = <i>Pinnotheres pinnophylax</i> H. Milne Edwards, 1853 = <i>Pinnotheres ascidicola</i> Hesse, 1872 = <i>Pinnotheres marioni</i> Gourret, 1887	North Sea, Atlantic Europe, Mediterranean and Adriatic Seas, Gulf of Guinea	<i>Ascidia mentula</i> , <i>A. virginea</i> , <i>Halocynthia papillosa</i> , <i>Pinna nobilis</i> , <i>Acanthocardia paucicostata</i> , <i>Phallusia mamillata</i> , <i>Ascidia mentula</i>	F, M	Becker and Türkay 2010; Schmitt <i>et al.</i> 1973
	<i>Nepinnotheres rathbunae</i> (Schmitt, 1973) [<i>Pinnotheres</i>] = <i>Pinnotheres barbatus</i> Bürger, 1895	Philippines	<i>Donax</i> sp.	F	Schmitt <i>et al.</i> 1973
	<i>Nepinnotheres sanqueri</i> Manning, 1993	Sierra Leone			
	<i>Nepinnotheres tellinae</i> (Manning & Holthuis, 1981) [<i>Pinnotheres</i>]	Freetown, Kissy and Bullon Shore, Sierra Leone River (Sierra Leone)	<i>Tellina lymphalys</i>	F, M	
	<i>Nepinnotheres villosulus</i> (Guérin-Méneville, 1831) [<i>Pinnotheres</i>] = <i>Pinnotheres orientalis</i> White, 1847	Philippines; Indonesia; New Guinea; Torres Strait; W Australia	<i>Atrina chinensis</i> , <i>Pinctada margaritifera</i>	F, M	Schmitt <i>et al.</i> 1973
<i>Opisthopus</i> Rathbun, 1893	<i>Opisthopus transversus</i> Rathbun, 1893 = <i>Pinnotheres nudus</i> Holmes, 1895	Santa Cruz, Monterey to San Diego (California, U.S.A.); Baja California Sur (Mexico)	<i>Aplysia vaccaria</i> , <i>Pseudochama</i> , <i>exngyra</i> , <i>Modiolus capax</i> , <i>Atrina tuberculosa</i> , <i>Crassostrea gigas</i>	F, M	Campos and Manning 2000
<i>Orthothes</i> Sakai, 1969	<i>Orthothes barbatus</i> (Desbonne, 1867) [<i>Pinnotheres</i>]	Virgin Is.; French West Indies; Los Roques (Venezuela)+	<i>Cittarium pica</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Orthothes glaber</i> (Bürger, 1895) [<i>Pinnotheres</i>] = <i>Pinnotheres impressus</i> Bürger, 1895	Palau; Amboina, Moluccas (Indonesia)	<i>Tapes turgida</i> , <i>T. literata</i>	F, M	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Orthothes halioditis</i> Geiger & Martin, 1999	Australia	<i>Haliotis asinina</i> , <i>H. squamata</i>	F, M	
	<i>Orthothes laevis</i> (Burger, 1895) [<i>Pinnotheres</i>]	Palau Is.	<i>Coralliophaga</i> sp.	F, M	Schmitt <i>et al.</i> 1973
	<i>Orthothes longipes</i> (Bürger, 1895) [<i>Pinnotheres</i>]	Philippines		F	Schmitt <i>et al.</i> 1973
	<i>Orthothes serrei</i> (Rathbun, 1909) [<i>Pinnotheres</i>]	NW Cuba; Jamaica; Puerto Rico	female: <i>Strombus</i> male: free-swimming	F, M	Schmitt <i>et al.</i> 1973
	<i>Orthothes strombi</i> (Rathbun, 1905) [<i>Pinnotheres</i>]	W and NW Florida	<i>Strombus pugilis</i> , <i>Strombus alatus</i> , <i>Pleuroploca Turbo</i> (<i>Marmarostromus</i>)	F	Schmitt <i>et al.</i> 1973
	<i>Orthothes turboe</i> Sakai, 1969 (type species)	Amani Gunto Arch.; Japan; Palau Is.	<i>argyrostomus</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Orthothes unguifalcula</i> (Glassell, 1936) [<i>Pinnotheres</i>]	Punta Peñasco, Sonora (Mexico)		F	Schmitt <i>et al.</i> 1973
<i>Ostracotheres</i> H. Milne Edwards, 1853	<i>Ostracotheres affinis</i> H. Milne Edwards, 1853	Mauritius; Djibouti; French Somaliland		F	Schmitt <i>et al.</i> 1973
	<i>Ostracotheres cynthiae</i> Nobili, 1905	Gulf of Suez, Red Sea; Djibouti, French Somaliland; Tual, Kei Is. (Indonesia)	<i>Cynthia</i> , <i>Polycarpa aurata</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Ostracotheres holothuriensis</i> (Baker, 1907) [<i>Pinnotheres</i>]	S Australia	holothurians, ascidians;	F, M	Pregenzer 1988; Schmitt <i>et al.</i> 1973
	<i>Ostracotheres spondyli</i> Nobili, 1905	Persian Gulf	<i>Herdmania momus</i> <i>Spondylus gaederopus</i> , <i>S. exilis</i>	F	Schmitt <i>et al.</i> 1973
	<i>Ostracotheres subglobosus</i> (Baker, 1907) [<i>Pinnotheres</i>] = <i>Ostracotheres subquadratus</i> Sakai, 1939	S Australia; Japan	<i>Equichlamys bifrons</i> , <i>Spondylus tenellus</i> , <i>Musculus australis</i>	F	Pregenzer 1988; Schmitt <i>et al.</i> 1973
	<i>Ostracotheres tomentipes</i> Takeda & Konishi, 1994	Sesoko, Okinawa (Japan)		F	

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<i>Parapinnixa</i> Holmes, 1895 = <i>Pseudopinnixa</i> Ortmann, 1894 (name preoccupied)	<i>Ostracotheres tridacnae</i> (Ruppel, 1830) (type species) [Pinnotheres] = <i>Pinnotheres savignyi</i> H. Milne Edwards, 1853	Gulf of Suez, Red Sea; Obock (French Somaliland); Natal, Simon's Bay (South Africa)	<i>Pinna</i> , <i>Tridacna maxima</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Parapinnixa affinis</i> Holmes, 1900	SE Siberia, S. Sachalin, Iturup (Russia); California (U.S.A.); La Bajada (Mexico)	<i>Terebella californica</i> , <i>Loimia medusa</i> , free-swimming	F, M	Campos <i>et al.</i> 1992; Schmitt <i>et al.</i> 1973
	<i>Parapinnixa beaufortensis</i> Rathbun, 1918	Beaufort, North Carolina (U.S.A.)		M	Schmitt <i>et al.</i> 1973
	<i>Parapinnixa bolagnosi</i> Hernández-Ávila & Campos 2007	Isla Cubagua, Archipiélago Los Frailes (Venezuela)	<i>Halimeda opuntia</i> , between oysters	F	
	<i>Parapinnixa bouvieri</i> Rathbun, 1918	Charleston, South Carolina (U.S.A.); NE Yucatan (Mexico); Puerto Rico	ventral spines of rose sea urchin	F, M	Schmitt <i>et al.</i> 1973
	<i>Parapinnixa cortesi</i> Thoma, Heard & Vargas 2005	mouth of Río Sucio, Isla del Coco (Costa Rica)	unidentified serpulid polychaete	F	
	<i>Parapinnixa cubana</i> Campos, 1994	Diego Pérez Reef, Cuba		M	
	<i>Parapinnixa glasselli</i> Garth, 1939	Galapagos Is.	worm tubes	F	Schmitt <i>et al.</i> 1973
	<i>Parapinnixa hendersoni</i> Rathbun, 1918	W Florida (U.S.A.); NW Cuba; Curaçao; Maranhão do Bahia (Brazil); Isla Grande (Panama)+ Arrecifes (Colombia)	polychaete tubes, free-swimming	F, M	Righi 1967; Schmitt <i>et al.</i> 1973; Werding and Müller 1989
	<i>Parapinnixa magdalenensis</i> Werding & Müller, 1990	Magdalena Bay, and Port San Carlos Bay, Sonora (Mexico); Gulf of California		M	
<i>Parapinnixa nitida</i> (Lonckington, 1876) (type species) [Pinnixa]	Magdalena Bay, and Port San Carlos Bay, Sonora (Mexico); Gulf of California	free-swimming; <i>Eupolyymnia heterobranchia</i> <i>Loxechinus albus</i> , <i>Caenocentrotus gibbosus</i> , <i>Tetrapygyus niger</i> <i>Holothuria princeps</i>	F, M	Schmitt <i>et al.</i> 1973	
<i>Pinnaxodes</i> Heller, 1865	<i>Pinnaxodes chilensis</i> (H. Milne Edwards, 1837) [Pinnotheres] = <i>Pinnaxodes hirtipes</i> Heller, 1865 (type species)	Ecuador to Puerto Barroso, Tierra de Fuego (Chile); Galapagos; Chiloe Is.		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnaxodes floridensis</i> Wells & Wells, 1961	W and NW Florida (U.S.A.)		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnaxodes gigas</i> Green, 1992	Estero Tastiota to Bajo Macho (Mexico)		M	Campos <i>et al.</i> 1998; Green 1992
	<i>Pinnaxodes major</i> Ortmann, 1894	Japan; USSR; China	<i>Barnea</i> sp., <i>Tapes japonica</i> , <i>Meretrix lamarekii</i> , <i>Mactra antiqua</i> , <i>Modiolus difficilis</i> , <i>Mytilus (Crenomytilus) grayanus</i> ; <i>Holothuria gyrifer</i> <i>Modiolus nipponicus</i>	F, M	Jiang and Liu 2011; Schmitt <i>et al.</i> 1973
	<i>Pinnaxodes mutuensis</i> Sakai, 1939	Honshu Is. (Japan); China		F	Jiang and Liu 2011; Schmitt <i>et al.</i> 1973
<i>Pinnixa</i> White, 1846 = <i>Tubicola</i> Lockington, 1877 = <i>Palaeopinnixa</i> Via Boada, 1966 (fossil genus)	<i>Pinnixa abbotti</i> Glassell, 1935	San Felipe and Bahía de los Ángeles+ (Mexico)		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa affinis</i> Rathbun, 1898	Gulf of California, Bay of Mazatlan (Mexico) to the Bay of Panama		F	Schmitt <i>et al.</i> 1973
	<i>Pinnixa arenicola</i> Rathbun, 1922	Atlantic coast of Florida (U.S.A.), Aruba (Curaçao), Little Cayman Islands, Puerto Rico	<i>Upogebia vasquezi</i>	F, M	Thoma <i>et al.</i> 2009
	<i>Pinnixa bahamondei</i> Garth, 1957	W Seno Reloncavi (Chile)	<i>Chaetopterus variopedatus</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa balanoglossana</i> Sakai, 1934	Tokyo Bay, Sagami Bay, Ise Bay (Japan)	<i>Balanoglossus misakiensis</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa banzu</i> Komai, Nishi & Taru, 2014	Banzu, Chiba Prefecture (Japan)	<i>Chaetopterus cautus</i>	F, M	
	<i>Pinnixa barnharti</i> Rathbun, 1918	Puget Sound (Washington, USA), Venice (California, U.S.A.), Zihuatanejo, Todos Santos Bay (Mexico)	<i>Caudina arenicola</i> , <i>Holothuria (Paraholothuria) riojai</i> <i>Chaetopterus variopedatus</i>	F, M	Campos <i>et al.</i> 1998; Schmitt <i>et al.</i> 1973
	<i>Pinnixa brevipollex</i> Rathbun, 1898	from Golfo San Matías to Río de la Plata (Argentina)		F, M	Fenucci 1975

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	<i>Pinnixa californiensis</i> Rathbun, 1894	Monterey Bay and Point Año Nuevo (California, U.S.A.)		F, M	
	<i>Pinnixa chaetoptera</i> Stimpson, 1860	Massachusetts to Florida, NW Florida to Texas (U.S.A.), Pernambuco to RGS (Brazil)	<i>Amphitrite ornata</i> , <i>Chaetopterus variopedatus</i> , <i>Lepidophthalmus louisianensis</i>	F, M	Schmitt <i>et al.</i> 1973 (DLF notes)
	<i>Pinnixa chiloensis</i> Garth, 1957	Is. of Chiloé and Tenglo (Chile)	<i>Arenicola affinis chilensis</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa cylindrica</i> (Say, 1818) (type species) [<i>Pinnotheres</i>]	Massachusetts to South Carolina, W and NW Florida (U.S.A.)	<i>Arenicola cristata</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa darwini</i> Garth, 1960	Galapagos	<i>Chaetopterus variopedatus</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa eburna</i> Wells, 1928	False Bay, San Juan Is. (Washington, U.S.A.) to Masset, Queen Charlotte Is. (British Columbia, Canada)	<i>Abarenicola vagabunda</i> , <i>A. oceanica</i>	F, M	Hart 1982; Schmitt <i>et al.</i> 1973
	<i>Pinnixa faba</i> (Dana, 1851) [<i>Pinnotheres</i>]	Alaska to Newport Bay (California, USA), Port Denison (Australia), Hobart (Tasmania)	<i>Tresus capax</i> , <i>T. haponica</i> , <i>T. nuttalli</i> , <i>Saxidomus giganteus</i> , <i>Cardium corbis</i> , <i>Entodesma saxicola</i> , <i>Gari californica</i> , <i>Macoma inquinata</i> , <i>Macoma nasuta</i> , <i>Macoma secta</i> , <i>Mya arenaria</i> , <i>Protothaca staminea</i> , <i>Schizothaerus capax</i> , <i>Serripes groenladicus</i> , <i>Siliqua patula</i> , <i>Solen sicarius</i> , <i>Aplysia</i> , <i>Cucumaria piperata</i> , <i>Styela gibbsii</i> , <i>Caudina arenicola</i> , <i>Notoacmea scutum</i> . Questionably <i>Haliotis cocoradiata</i> , <i>H. asinina</i> .	F, M	Garth and Abbott 1980; Hart 1982; Schmitt <i>et al.</i> 1973
	<i>Pinnixa floridana</i> Rathbun, 1918	North Carolina, W and NW Florida (U.S.A.)	'taken from a compound ascidian growing at the base of <i>Leptogorgia virgulata</i> ', maybe in the tubes of <i>Diopatra cuprea</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa forficulimanus</i> Zmarzly, 1992	Santa Cruz to San Diego (California, U.S.A.)		F, M	
	<i>Pinnixa franciscana</i> Rathbun, 1918	San Francisco Bay to Newport Bay (California, U.S.A.)	<i>Neotrypaea californiensis</i> , <i>Upogebia</i> , <i>Urechis caupo</i> , <i>Amphitrite robusta</i> , <i>Grubeopolynote tuta</i> , occasionally with <i>Urechis</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa fusca</i> Glassell, 1935	San Felipe (Mexico)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnixa gracilipes</i> Coelho, 1997	from Para to São Paulo (Brazil)		F, M	
	<i>Pinnixa haematosticta</i> Sakai, 1934	Shimoda, Hondo Is., Sea of Arikae, Kyushu Is. (Japan)	found among dead shells	F	Schmitt <i>et al.</i> 1973
	<i>Pinnixa hiatus</i> Rathbun, 1918	off Catalina Is. (California, U.S.A.)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnixa huffmani</i> Glassell, 1935	Punta Peñasco and Las Casitas (Mexico)	<i>Thyone</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnixa lata</i> Komatsu & Takeda, 2009	Otsuchi Bay (Japan)		F	

Genus	Species	Distribution	Reported hosts	F, M?	References
	<i>Pinnixa latissima</i> Coelho, 1997	Pernambuco and Bahia (Brazil)		F, M	
	<i>Pinnixa leptosynaptae</i> Wass, 1968	W Florida (U.S.A.)	<i>Leptosynapta crassipatina</i>	F, M	
	<i>Pinnixa littoralis</i> Holmes, 1894	Sitka, Alaska to San Diego, California (U.S.A.)	<i>Clinocardium nuttalli</i> , <i>Entodesma saxicola</i> , <i>Heteromacoma irus</i> , <i>Macoma indentata</i> , <i>M. nasuta</i> , <i>M. secta</i> , <i>Mya arenaria</i> , <i>Ostrea lurida</i> , <i>Panope generosa</i> , <i>Protothaca staminea</i> , <i>Saxidomus giganteus</i> , <i>Serripes groenlandicus</i> , <i>Siliqua patula</i> , <i>Tresus nuttalli</i> , <i>T. capax</i>	F, M	Hart 1982; Schmitt <i>et al.</i> 1973
	<i>Pinnixa longipes</i> (Lockington, 1876) [<i>Tubicola</i>]	Tomales Bay to Laguna Beach (California, U.S.A.)	<i>Pectinaria californiensis</i> , <i>Pista elongata</i> , <i>Axiothella rubrocincta</i> , <i>Urechis caupo</i> <i>Thalassema hartmani</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa lunzi</i> Glassell, 1937	Virginia to Georgia and Mississippi to Texas (U.S.A.)		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa minuscula</i> Zmarzly, 1992	Goleta de San Diego (California, U.S.A.)		F, M	
	<i>Pinnixa minuta</i> Rathbun, 1901	Mayaguez Harbor (Puerto Rico)		M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa monodactyla</i> (Say, 1818) [<i>Pinnotheres</i>]	American coast, 'probably Atlantic coast of the Southern states', NGMx+		M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa occidentalis</i> Rathbun, 1893	Iliuliuk Harbor, Unimak Is. (Alaska, U.S.A.) to Magdalena Bay (Mexico)	<i>Echiurus</i>	F, M	Hart 1982; Schmitt <i>et al.</i> 1973
	<i>Pinnixa paitensis</i> Rathbun, 1935	Païta (Peru)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnixa pearsei</i> Wass, 1955	NW Florida and Gulf Shores, Alabama+ (U.S.A.)	<i>Diopatra</i>	M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa pembedtoni</i> Glassell, 1935	San Felipe and Bay of Mazatlan (Mexico)	<i>Arenicola</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa penultipedalis</i> Stimpson, 1858	China; Japan; Mozambique	sipunculans, <i>Potamilla</i> , <i>Loimia medusa</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa plectrophoros</i> Glassell, 1935	Punta Peñasco and Las Casitas, Sonora (Mexico)	<i>Clymenella</i>	M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa rapax</i> Bouvier, 1917	Argentina; Brazil		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa rathbuni</i> Sakai, 1934	SE Siberia, Sachalin, S Kuriales; Japan	<i>Chaetopterus variopedatus</i> , <i>Modiolus metcalfei</i> , <i>Loimia medusa</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa richardsoni</i> Glassell, 1936	Balboa, Canal de Panama to Colombia; Santa Maria Xadani (Mexico)	'dug out of heavy thick mud'	F, M	Campos <i>et al.</i> 1998; Schmitt <i>et al.</i> 1973
	<i>Pinnixa sayana</i> Stimpson, 1860	Massachusetts to North Carolina, W Florida, Louisiana, Fort Pierce (E Florida)+, Corpus Christi (Texas)+ (U.S.A.); Amapá to São Paulo (Brazil)	'either found free or dug out of mud', worm and mud shrimp burrows+	F, M	Schmitt <i>et al.</i> 1973 (DLF notes)
	<i>Pinnixa scamit</i> Martin & Zmarzly, 1994	Santa Barbara Channel, Pt. Arguello (California, U.S.A.); Todos Santos Bay (Mexico)	polychaete worms	F, M	Campos <i>et al.</i> 1998; Schmitt <i>et al.</i> 1973
	<i>Pinnixa schmitti</i> Rathbun, 1918	Port Levasheff, Unalaska, to Morro Bay, California (U.S.A.); Bay of Mazatlan (Mexico)	<i>Macoma secta</i> , <i>Pista elongata</i> , <i>Amphitrite</i> , <i>Upogebia pugettensis</i> , <i>Neotrypaea californiensis</i> , <i>Echiurus echiurus</i>	F, M	Hart 1982; Schmitt <i>et al.</i> 1973

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	<i>Pinnixa tomentosa</i> Lockington, 1877	Monterey Bay to San Clemente Is. (California, U.S.A.); San Felipe and Angeles Bay, Gulf California (Mexico)	<i>alaskensis</i> , <i>Leptosynapta clarkii</i> , <i>Amphiodia urtica</i> , <i>Chaetopterus variopedatus</i> , <i>Pista elongata</i>	F	Garth and Abbott 1980; Schmitt <i>et al.</i> 1973
	<i>Pinnixa transversalis</i> (H. Milne Edwards & Lucas, 1844) [<i>Pinnotheres</i>] = <i>Pinnixa panamensis</i> Faxon, 1893	San Felipe, Consag Rocks and Rocosa Point, Gulf of California (Mexico) to Coquimbo (Chile), Galapagos, ?Valparaiso (Chile)	<i>Chaetopterus variopedatus</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa tubicola</i> Holmes, 1894	Alaska, British Columbia to San Diego (California, USA)	<i>Neoamphitrite robusta</i> , <i>Eupolymnia heterorhanchia</i> , <i>Thelepus crispus</i> , <i>Chaetopterus variopedatus</i> , <i>Halosydna brevisetosa</i> , <i>H. californica</i> , <i>Paracaudina chilensis</i>	F, M	Garth and Abbott 1980; Schmitt <i>et al.</i> 1973
	<i>Pinnixa tumida</i> Stimpson, 1858	China; Japan		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa valdiviensis</i> Rathbun, 1907	Chincas Is. (Peru) to Punta Arenas, Strait of Magellan (Chile)	<i>Chaetopterus variopedatus</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixa weymouthi</i> Rathbun, 1918	Monterey, California (USA)	unoccupied tubes of annelids on undersides of rocks	F, M	Garth and Abbott 1980; Schmitt <i>et al.</i> 1973
	<i>Pinnixa</i> sp. 1	NGMx			(DLF notes)
	<i>Pinnixa</i> sp. 2	Playa Venao, Panama			
<i>Pinnixulala</i> n. gen.	<i>Pinnixulala petersi</i> (Bott, 1955) [<i>Pinnixa</i>]	Puerto El Triunfo (El Salvador)		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnixulala retinens</i> (Rathbun, 1918) [<i>Pinnixa</i>]	Chesapeake Bay, South Carolina, W Florida, Texas, Fort Pierce (E Florida)+ (U.S.A.); Barra del Tordo (Mexico)+	<i>Upogebia affinis</i> , varied worm burrows+	F, M	Boothe Jr. 1976; Schmitt <i>et al.</i> 1973 (DLF notes)
	<i>Pinnixulala valerii</i> (Rathbun, 1931) (type species) [<i>Pinnixa</i>]	Cajeme, Sonora, Gulf of California (Mexico) to San Lucas Is. (W Costa Rica); Colombia		F, M	Wicksten 1982
<i>Pinnotheres</i> Bosc, 1801	<i>Pinnotheres atrinae</i> Sakai, 1939	Kii Peninsula, Shirahama, Wakayama (Japan)	<i>Atrina japonica</i> , <i>Ruditapes philippinarum</i> , <i>Mytilus edulis</i>	F	Schmitt <i>et al.</i> 1973; Silas and Alagaraswami 1975
	<i>Pinnotheres atrinicola</i> Page, 1983	New Zealand	<i>Atrina zelandica</i> , <i>Modiolus areolatus</i> , <i>Chione stutchburyi</i>	F, M	
	<i>Pinnotheres bidentatus</i> Sakai, 1939	Wakayama, and Yoshinogawa River, Tokushima (Japan)		F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres bipunctatus</i> Nicolet, 1849	San Carlos de Chiloe (Chile)	probably in sea urchins	M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres boninensis</i> Stimpson, 1858	China; Japan	<i>Crassostrea echinata</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres borradailei</i> Nobili, 1905	E Africa, Red Sea, Gulf of Aden, India	<i>Mya</i> , <i>Pinna</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres corbiculae</i> Sakai, 1939	Sendai River and Nagasaki (Japan)	<i>Corbicula japonica</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres coutierei</i> Nobili, 1905	Djibouti (French Somaliland)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres cyclinus</i> Shen, 1932	China, Japan, Korea	<i>Cyclina chinensis</i> , <i>Meretrix meretrix</i> , <i>Tapes japonica</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres dilatatus</i> Shen, 1932	Hwangtao, Kiaochow Bay (China)	<i>Tapes variegata</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres dofleini</i> Lenz, 1914	Cape of Good Hope, False Bay, and Algoa Bay (South Africa)	<i>Ascidia sydneiensis</i> , <i>Pyura stolonifer</i> , <i>Pinna</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres edwardsi</i> De Man, 1887	King Is. Bay, Mergui Is., Tual, Kei Is., (Indonesia); Singapore; Malaysia; Abrolhos Is., off Geraldton (W Australia)	<i>Ostrea</i> , <i>Pinna</i> , <i>Atrina vexillum</i> , <i>Lithohamions</i>	F	Schmitt <i>et al.</i> 1973

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	<i>Pinnotheres excussus</i> Dai, 1980	China			
	<i>Pinnotheres globosus</i> Lucas, 1853 = <i>Pinnotheres meleagrinae</i> Hilgendorf, in von Der Decken, 1869 (nomen nudum)	Mozambique; Singapore; Malaysia; New Caledonia; Tonga Is.	<i>Pinna maritima</i> (unknown, might be <i>P. muricata</i> , <i>P. bicolor</i> or <i>Atrina vexillum</i>), perhaps in <i>Sunetta quadrata</i> , <i>Periglypta</i> sp.	F	Schmitt <i>et al.</i> 1973; Silas and Alagarwami 1975
	<i>Pinnotheres gordonii</i> Shen, 1932	China; Japan	<i>Tapes variegata</i> , <i>Tapes japonica</i> , <i>Mytilus crassitesta</i> , <i>Amnomia lischkei</i> , <i>Laevicardium undatopictum</i> oysters	M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres guerini</i> H. Milne Edwards, 1853	Cuba; Puerto Rico		M?	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres haiyangensis</i> Shen, 1932	Shantung Peninsula (China)	<i>Laternula pechiliensis</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres hickmani</i> (Guiler, 1950) [<i>Fabia</i>]	S Tasmania, Australia	<i>Mytilus edulis australianus</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres hirtimanus</i> H. Milne Edwards, 1853	Cuba		F?	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres kamensis</i> Rathbun, 1909	W Koh Kam (Thailand)		M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres kutensis</i> Rathbun, 1909	S Koh Kam (Thailand)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres lanensis</i> Rathbun, 1909	Koh Lan, Gulf of Siam (Thailand)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres laquei</i> Sakai, 1961	Hayama, Sagami Bay (Japan)	<i>Laqueus rubellus</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres latipes</i> Jacquinot, 1846	Raffles Bay (Australia)	<i>Pinna</i>	M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres lithodomi</i> Smith, 1870	Magdalena Bay, W BC (Mexico), Perlas Is. (Panama)	<i>Lithophaga attenuata</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres luminatus</i> Dai, Feng, Song & Chen, 1980	China			
	<i>Pinnotheres lutescens</i> Nobili, 1905	Djibouti (French Somaliland)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres mactricola</i> Alcock, 1900	mouth of the River Hooghly (Bengal, India)	<i>Maetra (Coelomaetra) violacea</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres maindroni</i> Nobili, 1905	Obock (French Somaliland)		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres margaritiferae</i> Laurie, 1906	Ceylon	<i>Mytilus</i> sp., <i>Pinctada margaritifera</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres nigrans</i> Rathbun, 1909	China, Thailand		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres obesus</i> Dana, 1852	Singapore; Malaysia; Borneo; Molucca Is.; Indonesia; Fiji; China	<i>Sunetta quadrata</i> nomen nudum (probably <i>Sunetta subquadrata</i>), <i>Periglypta</i> sp.; <i>Arca</i>	F, M	Ahyong and Brown 2003; Schmitt <i>et al.</i> 1973
	<i>Pinnotheres obscuridentata</i> Dai & Song, 1986				
	<i>Pinnotheres obscurus</i> Stimpson, 1858	Hong Kong		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres onychodactylus</i> Tesch, 1918	Molucca Is.		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres orientalis</i> Woodward, 1886 (nomen nudum)*	Australia	<i>Pinna</i> , <i>Donax</i> , <i>Glycymeris</i>		Schmitt <i>et al.</i> 1973
	<i>Pinnotheres paralatissimus</i> Dai & Song, 1986				
	<i>Pinnotheres parvulus</i> Stimpson, 1858	Gulf of Siam; New Zealand; China; Japan; Taiwan	<i>Sunetta quadrata</i> nomen nudum (probably <i>Sunetta subquadrata</i>), <i>Saxidomus purpuratus</i> , <i>Pecten albicans</i> , <i>Pinna</i>	F, M	Schmitt <i>et al.</i> 1973

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	<i>Pinnotheres pecteni</i> Hornell & Southwell, 1909 (<i>nomen nudum</i>)*	E North America	<i>Pecten</i> sp.		Schmitt <i>et al.</i> 1973
	<i>Pinnotheres pectunculi</i> Hesse, 1872	Coast of Brittany (France)	<i>Glycymeris glycymeris</i>	F, M	Becker and Türkay 2010
	<i>Pinnotheres perezi</i> Nobili, 1905	Persian Gulf	<i>Pholas</i>	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres pholadis</i> de Haan, 1835 = <i>Pinnotheres pisoides</i> Ortmann, 1894	Japan	<i>Barnea manilensis inornata</i> , <i>Chlamys senatoria nobilis</i> , <i>C. nipponensis</i> , <i>Pecten albicans</i> , <i>Spisula sachalinensis</i> , <i>Mactra sulcataria</i> , <i>Mytilus edulis</i> , <i>Crassostrea gigas</i> , <i>Meretrix lusoria</i> , <i>Tapes japonica</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres pichilinquai</i> Rathbun, 1923	Pichilinquai Bay, La Paz (Mexico)		M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres pilulus</i> Dai, Feng, Song & Chen, 1980	China			
	<i>Pinnotheres pilumnoides</i> Nobili, 1905	Red Sea, Gulf of Aden	<i>Holothuria gallensis</i> ; sponges	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres pisum</i> (Linnaeus, 1767) (type species) [<i>Cancer</i>] = <i>Cancer nutrix</i> Scopoli, 1763 = <i>Cancer mytilorum albus</i> Baster, 1765 = <i>Cancer mytilorum fuscus</i> Baster, 1765 = <i>Cancer mytilorum albus</i> Herbst, 1783 = <i>Cancer mytilorum fuscus</i> Herbst, 1783 = <i>Cancer scopolinus</i> Herbst, 1783 = <i>Cancer minutus</i> de Wulfen, 1791 = <i>Cancer varians</i> Olivier, 1791 = <i>Cancer mytili</i> Leach, 1814 = <i>Cancer modioli</i> Leach, 1814 = <i>Cancer cranchii</i> Leach, 1814 = <i>Pinnotheres latreilii</i> Leach, 1817 = <i>Pinnotheres ebulinus</i> Nardo, 1847 = <i>Pinnotheres modiolae</i> Hope, 1851 = <i>Pinnotheres mactracum</i> Hope, 1851	North Sea; Brittany, Normandie, Bay of Biscay (France); Mediterranean;	<i>Mactra stultorum</i> , <i>Spisula solida</i> , <i>S. elliptica</i> , <i>Gari fervensis</i> , <i>Donax vittatus</i> , <i>Ostrea edulis</i> , <i>Mytilus edulis</i> , <i>M. galloprovincialis</i> , <i>Pinna nobilis</i>	F, M	Becker and Türkay 2010
	<i>Pinnotheres pugettensis</i> Holmes, 1900	Vancouver Is., British Columbia, to Puget Sound, Washington (U.S.A.)	<i>Halocynthia aurantia</i> , <i>H. igaboja</i> , <i>Ascidia paratropa</i> , <i>Mya arenaria</i> <i>Ostrea</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres purpureus</i> Alcock, 1900	Red Sea; Gulf of Aden; Andaman and Maldiva Is.		F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres quadratus</i> Rathbun, 1909	Gulf of Siam, E Lombok (Indonesia), NW Waigeu Is. (New Guinea)	<i>Arca</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres ridgewayi</i> Southwell, 1911	Mandapam, Madras State, Palk Bay, Gulf of Mannar (India), Ceylon	<i>Pinna bullata</i> (unrecognisable species), <i>P. muricata</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres rouxi</i> H. Milne Edwards, 1853	Indian Ocean		M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres sanguinolariae</i> Pillai, 1951	Travancore (India)	<i>Sanguinolaria diphos</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres schauinslandi</i> Lenz, 1901	New Zealand; Stewart Is.	<i>Mytilus</i> , <i>Atrina</i> , <i>Elzzeria binderi</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres serrignathus</i> Shen, 1932	Chefoo, Shantung Peninsula (China)		M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres shoemakeri</i> Rathbun, 1918	W Florida (U.S.A.); St. Thomas; Virgin Is.		F, M	Schmitt <i>et al.</i> 1973

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	<i>Pinnotheres siamensis</i> Rathbun, 1909	Gulf of Siam	shells	M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres sinensis</i> Shen, 1932	China; Japan; Korea	<i>Tapes japonica</i> , <i>T. variegata</i> , <i>Crassostrea gigas</i> , <i>Mytilus crassitesta</i> , <i>M. edulis</i> , <i>Modiolus auriculatus</i> , <i>Meretrix lusoria</i> , <i>Chlamys nipponensis</i> , <i>Septifer virgatus</i>	F, M	Asama and Yamaoka 2009; Schmitt <i>et al.</i> 1973
	<i>Pinnotheres socius</i> Lanchester, 1901	Pulau Bidan, Penang (Malaysia)	bivalve	F	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres taichungae</i> Sakai, 2000	Taiwan		M	
	<i>Pinnotheres taylori</i> Rathbun, 1918	British Columbia, Puget Sound (Washington)	transparent tunicates	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres trichopus</i> Tesch, 1918	Molucca Is.	<i>Pinctada</i>	M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres tsingtaoensis</i> Shen, 1932	China	<i>Laternula pechiliensis</i> , <i>Mactra quadriangularis</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres vicajii</i> Chhagar, 1957	Bombay (India)	<i>Paphia mallabarica</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Pinnotheres winckworthi</i> Gordon, 1936	Penang (Malaysia)	<i>Protapes gallus</i>	F	Schmitt <i>et al.</i> 1973
<i>Raytheres</i> Campos, 2004 = <i>Raymondia</i> Campos, 2002 (name preoccupied)	<i>Raytheres clavapedatus</i> (Glassell, 1935) [<i>Pinnotheres</i>]	from Magdalena Bay to upper Gulf of California (Mexico)	<i>Lithophaga attenuata</i>	F, M	Campos 2002
<i>Sakaina</i> Serène, 1964	<i>Sakaina asiatica</i> (Sakai, 1933) [<i>Parapinnixa</i>]	Akane, Simoda (Japan)	entangled with the alga <i>Acanthopeltis japonica</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Sakaina glabra</i> Jiang & Liu, 2011	Yellow Sea			
	<i>Sakaina granulata</i> Jiang & Liu, 2011	Yellow Sea			
	<i>Sakaina incisa</i> Sakai, 1969	Manazuru, Sagami Bay (Japan)		M	Schmitt <i>et al.</i> 1973
	<i>Sakaina japonica</i> Serène, 1964 (type species)	Misaki (Japan)		M	Schmitt <i>et al.</i> 1973
	<i>Sakaina koreensis</i> Kim & Sakai, 1972	Impo Dolsan-do Is. (Korea)	entangled in seaweed	F	
	<i>Sakaina yokoyai</i> (Glassell, 1933) [<i>Parapinnixa</i>]	Benten Is. to Cape Kurotake, off Shukunobe, Mutsu Bay, Hokkaido (Japan); Peter the Great Bay, Aniva Bay, Iturup Is. (Russia)	among tubes of <i>Pseudopotamilla reniformis</i> ; among bivalves <i>Crenomytilus grayanus</i> and <i>Modiolus difficilis</i>	F, M	Kornienko and Korn 2011; Schmitt <i>et al.</i> 1973
<i>Scleroplax</i> Rathbun, 1894	<i>Scleroplax granulata</i> Rathbun, 1893	Gabriola and Vancouver Is. (Canada) to Ensenada, and Estero el Verde, Gulf of California (Mexico)	<i>Terebella californica</i> , <i>Loimia medusa</i> , <i>Urechis caupo</i> , <i>Neotrypaea californiensis</i> , <i>N. gigas</i> , <i>Upogebia pugettensis</i>	F, M	Campos 2006; Schmitt <i>et al.</i> 1973
<i>Serenotheres</i> Ahyong & Ng, 2005	<i>Serenotheres besutensis</i> (Serène, 1967) [<i>Durckheimia</i>]	Perenthian Besar, E Malaysia	<i>Lithophaga</i>	F	Ahyong and Ng 2005
<i>Sindheres</i> Kazmi & Manning, 2003	<i>Sindheres karachiensis</i> Kazmi & Manning, 2003	Sindh, Buleji (Pakistan)	bivalve mollusc, most probably <i>Gastrochaema</i>	F	
<i>Solenotheres</i> Ng & Ngo, 2010	<i>Solenotheres prolixus</i> Ng & Ngo, 2010	Soc Trang province, south-western Vietnam	<i>Solen corneus</i>	F	
<i>Tetrias</i> Rathbun, 1898	<i>Tetrias fischeri</i> (A. Milne Edwards, 1867) [<i>Pinnotheres</i>]	Andaman Is.; Indonesia, New Caledonia; Fiji; Japan; Thailand	<i>Eufistulana mumia</i>	F, M	Schmitt <i>et al.</i> 1973
	<i>Tetrias scabripes</i> Rathbun, 1898 (type species)	Cerralvo Channel, San Miguel Cape, Santa Barbara and Mita Point, Gulf of California (Mexico); Isla del Coco (Costa Rica)		F	Schmitt <i>et al.</i> 1973; Vargas Castillo and Wehrtmann 2008

Genus	Species	Distribution	Reported hosts	F, M?	References
<i>Tridacnatheres</i> Ahyong & Ng, 2005	<i>Tridacnatheres whitei</i> (De Man, 1887) [<i>Xanthisia</i>]	Elphinstone Island Bay (Mergui Archipelago), Malayan Shores, in the vicinity of Singapore		F, M	Ahyong and Ng 2005
<i>Tumidotheres</i> Campos, 1989	<i>Tumidotheres maculatus</i> (Say, 1818) [<i>Pinnotheres</i>]	Massachusetts to S Florida, W Florida to Texas (U.S.A.); NW Cuba; Jamaica; Puerto Rico; Virgin Islands; Bocas del Toro (Panama)+; Twin Cays (Belize)+; Uruguay; Argentina	<i>Mya arenaria</i> , <i>Modiolus americanus</i> , <i>M. modiolus</i> , <i>Mytilus edulis</i> , <i>My. edulis platensis</i> , <i>Perna perna</i> , <i>Ostrea puelchana</i> , <i>Anomia simplex</i> , <i>Aequipecten tehuelchus</i> , <i>Argopecten gibbus</i> , <i>A. irradians</i> , <i>Placopecten magellanicus</i> , <i>Atrina rigida</i> , <i>A. seminuda</i> , <i>A. serrata</i> , <i>Chama macerophylla</i>	F, M	Doldan <i>et al.</i> 1980; Fenucci 1973; Narvarte and Saiz 2004; Schmitt <i>et al.</i> 1973
	<i>Tumidotheres margarita</i> (Smith, 1869) (type species) [<i>Pinnotheres</i>]	Bahía del Rosario, Laguna Percebu, Kino Bay, Mulege Bay, Gulf of California, La Paz (Mexico) to Panama Bay	<i>Argopecten circularis</i> , <i>A. ventricosus</i> , <i>Hinnites giganteus</i> , <i>Pinctada mazatlanica</i> , <i>Lima pacifica</i> , <i>Barbatia reevean</i>	F, M	Campos 1989
	<i>Tumidotheres orcutti</i> (Rathbun, 1918) [<i>Pinnotheres</i>]	Consag Rocks, Tres Marias Is., Tenacacita Bay and Manzanillo, Colima (W Mexico)		F, M	Campos and Vargas-Castillo 2013 (DLF notes)
	<i>Tumidotheres</i> sp. 1	Dangriga (Belize); Bocas del Toro (Panama)	<i>Barbatia candida</i> , <i>Atrina rigida</i> , <i>Pinctada imbricata</i> , <i>Pteryx colymbus</i>		
<i>Tunicotheres</i> Campos, 1989	<i>Tunicotheres moseri</i> (Rathbun, 1918) [<i>Pinnotheres</i>]	W Florida (U.S.A.); Jamaica; Isla Margarita (Venezuela); Bocas del Toro (Panama)+	<i>Molgula occidentalis</i> , <i>Phalusia nigra</i> , <i>Polycarpa obtecta</i> , sea squirts	F, M	Campos 1996a; Hernández and Bolaños 1995
<i>Viridotheres</i> Manning, 1996	<i>Viridotheres buergeri</i> (Rathbun, 1909) [<i>Pinnotheres</i>]	Gulf of Siam		F	Schmitt <i>et al.</i> 1973
	<i>Viridotheres gracilis</i> (Bürger, 1895) [<i>Pinnotheres</i>]	SW India; Gulf of Siam; Philippines	<i>Solen</i> , <i>Marcia opima</i>	F, M	Ahyong and Ng 2007a; Schmitt <i>et al.</i> 1973
	<i>Viridotheres lillyae</i> (Manning, 1993) [<i>Pinnotheres</i>]	Sassandra (Ivory Coast)		F, M	
	<i>Viridotheres marionae</i> Manning, 1996 (type species)	SW of Boa Vista (Cape Verde Is.)	<i>Cardium caparti</i>	F	
	<i>Viridotheres otto</i> Ahyong & Ng, 2007	Philippines, Semper 1859–1864		F	
	<i>Viridotheres viridis</i> (Manning, 1993) [<i>Pinnotheres</i>]	Branco, S Ponta da Parede (Cape Verde Is.)		F	
<i>Visayeres</i> Ahyong & Ng, 2007	<i>Visayeres acron</i> Ahyong & Ng, 2007	Visayas (Philippines)	<i>Lithophaga</i>	F	
<i>Waldotheres</i> Manning, 1993	<i>Waldotheres mccainae</i> (Schmitt, 1973) [<i>Pinnotheres</i>] = <i>Pinnotheres rouxi</i> Rossignol, 1957	Point Noire (Congo)	<i>Donax rugosus</i>	F	Manning and Holthuis 1981; Manning 1993b
<i>Xanthisia</i> White, 1846	<i>Xanthisia murigera</i> White, 1846	Mozambique; India [?]; Andaman Is.; Fiji Is.; Mergui Archipelago; Indonesia; Marshall Is.; Philippines; New Guinea; NE Australia; New Caledonia	<i>Mytilus</i> , <i>Tridacna crocea</i> , <i>T. squamosa</i>	F, M	Schmitt <i>et al.</i> 1973
<i>Zaops</i> Rathbun, 1900	<i>Zaops geddesi</i> (Miers, 1880) [<i>Pinnotheres</i>] = <i>Pinnotheres ostrearius</i> Rathbun, 1901 = <i>Pinnotheres holmesi</i> Rathbun, 1918	Veracruz; E Cuba; Puerto Rico; Jamaica	<i>Crassostrea rhizophorae</i> , <i>Ostrea</i>	F, M	
	<i>Zaops ostreus</i> (Say, 1817) [<i>Pinnotheres</i>] = <i>Pinnotheres depressum</i> Say, 1817 (type species)	Massachusetts to S Florida, Texas (U.S.A.); NW Cuba; Guadaloupe; Bocas del Toro (Panama)+; Twin Cays (Belize)+; Pernambuco to Santa Catarina (Brazil)	<i>Crassostrea virginica</i> , <i>Crassostrea rhizophorae</i> , <i>Anomia simplex</i> , <i>Mytilus edulis</i> , <i>Pecten</i> spp.; occasionally <i>Chaetopterus</i> tubes	F, M	

* The two species *Pinnotheres orientalis* and *P. pecteni* seem to have been only listed or mentioned, but never actually described (Schmitt *et al.* 1973).

References

- Ahyong, S.T. (2010). *Holotheres danielae*, a new species of pinnotherid crab from the Indo-West Pacific (Decapoda, Brachyura), with a key to the genus. In 'Studies on Brachyura: A Homage to Danièle Guinot. Crustaceana Monographs'. (Eds. C.H.J.M. Fransen and J.C. von Vaupel Klein.) pp. 35–40. (Brill Academic Publishers: Leiden.)
- Ahyong, S.T., and Brown, D.E. (2003). Description of *Durckheimia lochin* sp., with an annotated checklist of Australian Pinnotheridae (Crustacea: Decapoda: Brachyura). *Zootaxa* **254**, 1–20.
- Ahyong, S.T., and Ng, P.K.L. (2005). Review of *Durckheimia* and *Xanthasia*, with descriptions of two new genera (Decapoda: Brachyura: Pinnotheridae). *Journal of Crustacean Biology* **25**(1), 116–129.
- . (2007^a). The pinnotherid type material of Semper (1880), Nauck (1880) and Bürger (1895) (Crustacea: Decapoda: Brachyura). *Raffles Bulletin of Zoology Supplement*, 191–226.
- . (2007^b). *Visayeres acron*, a new genus and species of pinnotherid crab (Crustacea: Decapoda: Brachyura) from the Philippines. *Raffles Bulletin of Zoology Supplement*, 187–189.
- . (2008). *Alain raymondi*, a new species of deepwater pinnotherid crab (Crustacea: Decapoda: Brachyura) from the Philippines, commensal with holothurians. *Zootaxa* **1919**, 61–68.
- . (2009). Aphanodactylidae, a new family of thoracotreme crabs (Crustacea: Brachyura) symbiotic with polychaete worms. *Zootaxa* **2289**, 33–47.
- Asama, H., and Yamaoka, K. (2009). Life history of the pea crab, *Pinnotheres sinensis*, in terms of infestation in the bivalve mollusc, *Septifer virgatus*. *Marine Biodiversity Records* **2**(e77), 1–5.
- Ayón-Parente, M., and Hendrickx, M. (2014). *Calyptraeotheres* sp. nov. (Crustacea: Decapoda: Pinnotheridae), symbiont of the slipper shell *Crepidula striolata* Menke, 1851 (Mollusca: Gastropoda: Calyptraeidae) from the Gulf of California, Mexico. *Zootaxa* **3872**(1): 89–94.
- Becker, C., and Türkay, M. (2010). Taxonomy and morphology of European pea crabs (Crustacea: Brachyura: Pinnotheridae). *Journal of Natural History* **44**(25–26): 1555–1575.
- Boothe Jr., B.B. (1976). New and additional records of *Pinnixa* (Brachyura: Pinnotheridae) from South Carolina, U.S.A. *The Journal of the Elisha Mitchell Scientific Society* **92**(4), 162–163.
- Campos, E. (1989). *Tumidotheres*, a new genus for *Pinnotheres margarita* Smith 1869, and *Pinnotheres maculatus* Say 1818 (Brachyura: Pinnotheridae). *Journal of Crustacean Biology* **9**(4), 672–679.
- . (1993). Systematics and taxonomic remarks on *Pinnotheres muliniarum* Rathbun, 1918 (Crustacea: Brachyura: Pinnotheridae). *Proceedings of the Biological Society of Washington* **106**(1), 92–101.
- . (1994). *Parapinnixa cubana*, a new pea crab from Cuba (Crustacea: Brachyura: Pinnotheridae). *Proceedings of the Biological Society of Washington* **107**(2), 308–311.
- . (1996a). Partial revision of pinnotherid crabs genera with a two-segmented palp on the third maxilliped (Decapod: Brachyura). *Journal of Crustacean Biology* **16**(3), 556–563.
- . (1996b). Partial revision of the genus *Fabia* Dana, 1851 (Crustacea: Brachyura: Pinnotheridae). *Journal of Natural History* **30**, 1157–1578.
- . (2001). A new crab species of the genus *Arcotheres* Manning, 1993, from Thailand (Crustacea, Brachyura, Pinnotheridae). *Zoosystema* **23**(3), 493–497.

- . (2002). Two new genera of pinnotherid crabs from the tropical Eastern Pacific (Decapoda: Brachyura: Pinnotheridae). *Journal of Crustacean Biology* **22**(2), 328–336.
- . (2006). Systematics of the genus *Scleroplax* Rathbun, 1893 (Crustacea: Brachyura: Pinnotheridae). *Zootaxa* **1344**, 33–41.
- . (2009). A new species and two new genera of pinnotherid crabs from the Northeastern Pacific Ocean, with a reappraisal of the subfamily Pinnotherinae de Haan, 1833 (Crustacea: Brachyura: Pinnotheridae). *Zootaxa* **2022**, 29–44.
- . (2013). Remarks on the sexual dimorphism and taxonomy of *Fabia* Dana, 1851 (Crustacea, Brachyura, Pinnotheridae). *Zootaxa* **3616**(2), 190–200.
- Campos, E., de Campos, A.R., and Ramírez, J. (1992). Remarks on distribution and hosts for symbiotic crustaceans of the Mexican Pacific (Decapoda and Isopoda). *Proceedings of the Biological Society of Washington* **105**(4), 753–759.
- Campos, E., Díaz, V., and Gamboa-Contreras, J.A. (1998). Notes on distribution and taxonomy of five poorly known species of pinnotherid crabs from the Eastern Pacific (Crustacea: Brachyura: Pinnotheridae). *Proceedings of the Biological Society of Washington* **111**(2), 372–381.
- Campos, E., and Hernández-Ávila, I. (2010). Phylogeny of *Calyptraeotheres* Campos, 1990 (Crustacea, Decapoda, Brachyura, Pinnotheridae) with the description of *C. pepeluisi* new species from the tropical Mexican Pacific. *Zootaxa* **2691**, 41–52.
- Campos, E., and Manning, R.B. (2000). The identities of *Pinnotheres nudus* Holmes, 1895 and *P. nudus sensu* Weymouth, 1910 (Crustacea: Decapoda: Pinnotheridae). *Proceedings of the Biological Society of Washington* **113**(3): 799–805.
- Campos, E., Peláez-Zárate, V.A., and Solís-Marín, F.A. (2012). Rediscovery, hosts and systematics of *Holothuriophilus trapeziformis* Nauck, 1880 (Crustacea, Brachyura, Pinnotheridae). *Zootaxa* **3528**, 57–62.
- Campos, E., and Solís-Marín, F. (1998). New records of crabs (Pinnotheridae) symbiotic with irregular echinoids in Cuba. *Caribbean Journal of Science* **34**(3–4), 329–330.
- Campos, E., and Vargas-Castillo, R. (2013). *Pinnotheres orcutti* Rathbun, 1918, a new eastern tropical Pacific species of *Tumidothere*s, 1989 (Crustacea: Brachyura: Pinnotheridae). *Zootaxa* **3666**(1), 84–92.
- Coelho, P.A. (1996). Revisão do gênero *Alarconia* Glas sell, 1938, no Brasil, com descrição de *Alarconia guinotae*, n. sp. (Crustacea, Decapoda, Pinnotheridae). *Trabalhos Oceanográficos da Universidade Federal de Pernambuco, Recife* **24**, 173–178.
- . (1997). Revisão do gênero *Pinnixa* White, 1846, no Brasil (Crustacea, Decapoda, Pinnotheridae). *Trabalhos do Instituto Oceanográfico da Universidade Federal de Pernambuco, Recife* **25**, 163–193.
- . (2005). Descrição de *Austinixia bragantina* sp. nov. (Crustacea, Decapoda, Pinnotheridae) do litoral do Pará, Brasil. *Revista Brasileira de Zoologia* **22**(3), 552–555.
- Davie, P.J.F. (1992). A new species and new records of intertidal Crabs (Crustacea: Brachyura) from Hong Kong. In: 'Proceedings of the Fourth International Marine Biological Workshop: The Marine Flora and Fauna of Hong Kong and Southern China, Hong Kong, 11–29 April 1989', (Eds B. Morton.) pp. 345–359. (Hong Kong University Press: Hong Kong.)

- Doldan, M.S., Oehrens-Kisner, E.M., Morsán, E.M., Zaidman, P.C., and M.A. Kroeck. (1980). *Ostrea puelchana* (D'Orbigny 1842): A new host of *Tumidotheres maculatus* (Say, 1818) in northern Patagonia, Argentina. *Latin American Journal of Aquatic Research* **40**(1), 224–228.
- Drake, P., Marco-Herrero, E., Subida, M. D., Arias, A. M., Cuesta, J. A. (2014). Host use pattern of the pea crab *Afropinnotheres monodi*: potential effects on its reproductive success and geographical expansion. *Marine Ecology Progress Series* **498**, 203–215.
- Fenucci, J.L. (1973). Comensalismo de *Pinnotheres maculatus* Say (Decapoda, Brachyura, Pinnotheridae) en el mejillón *Mytilus platensis* (campana exploratoria 'Mejillón I'). *Physis, Sección A, Buenos Aires* **32**(84), 203–210.
- . (1975). Los cangrejos de la familia Pinnotheridae del litoral argentino (Crustacea, Decapoda, Brachyura). *Physis, Sección A, Buenos Aires* **34**(88), 165–184.
- Garth, J.S., and Abbott, D.P. (1980). Brachyura: The True Crabs. In 'Intertidal Invertebrates of California', (Eds R.H. Morris, D.P. Abbott, and E.C. Haderlie), pp. 592–630. (Stanford University Press: Stanford).
- Gore, R.H. (1986). *Fabia felderi* species novum, a new pinnotherid crab from the central eastern coast of Florida (Crustacea: Decapoda: Brachyura). *Northeast Gulf Science* **8**(2), 143–148.
- Green, T.M. (1992). *Pinnaxodes gigas*, a new species of pinnotherid crab from the Gulf of California (Decapoda: Brachyura: Pinnotheridae). *Proceedings of the Biological Society of Washington* **105**(4), 775–779.
- Griffith, H. (1987). Taxonomy of the genus *Dissodactylus* (Crustacea: Brachyura: Pinnotheridae) with descriptions of three new species. *Bulletin of Marine Science* **40**(3), 397–422.
- Hamel, J.-F., Ng, P.K.L., and Mercier, A. (1999). Life cycle of the pea crab *Pinnotheres halingi* sp. nov., an obligate symbiont of the sea cucumber *Holothuria scabra* Jaeger. *Ophelia* **50**(3), 149–175.
- Harrison, J.S., and Hanley, P.W. (2005). *Austinixa aida* Righ, 1967 and *A. hardyi* Heard and Manning, 1997 (Decapoda: Brachyura: Pinnotheridae) synonymized, with comments on molecular and morphometric methods in crustacean taxonomy. *Journal of Natural History* **39**(42), 3649–3662.
- Hart, J. (1982). 'Crabs and Their Relatives of British Columbia. British Columbia Provincial Museum Handbook. Vol. 40. (Provincial Secretary Province of British Columbia Ministry of Provincial Secretary and Government Services: Victoria.)
- Heard, R.W., and Manning, R.B. (1997). *Austinixa*, a new genus of pinnotherid crab (Crustacea: Decapoda: Brachyura), with the description of *A. hardyi*, a new species from Tobago, West Indies. *Proceedings of the Biological Society of Washington* **110**(3), 393–398.
- Hendrickx, M.E. (2008). New records of and notes on decapod crustaceans in the East Pacific. *Crustaceana* **81**(8), 999–1006.
- Hernández, G., and Bolaños, J. (1995). Additions to the decapod crustacean fauna of northeastern Venezuelan Islands, with the description of the male of *Pinnotheres moseri* Rathbun, 1918 (Decapoda: Brachyura: Pinnotheridae). *Nauplius, Rio Grande* **3**, 75–81.

- Hernández-Ávila, I., and Campos, E. (2006). *Calyptraeotheres hernandezi* (Crustacea: Brachyura: Pinnotheridae), a new crab symbiont of the West Indican cup-and-saucer *Crucibulum auricula* (Gmelin) (Mollusca: Gastropoda: Calyptraeidae) off Cubagua Island, Venezuela. *Proceedings of the Biological Society of Washington* **119**(1), 43–48.
- Holthuis, L.B. (1975). *Limothers*, a new genus of pinnotherid crab, commensal of the bivalve *Lima*, from the Caribbean Sea. *Zoologische Mededelingen, Leiden* **48**(25), 291–295.
- Jiang, W., and Ruiyu, L. (2011). New species and new records of pinnotherid crabs (Crustacea: Decapoda: Brachyura) from the Yellow Sea. *Zoologischer Anzeiger* **250**(4): 488–496.
- Kazmi, Q.B., and Manning, R.B. (2003). A new genus and species of pinnotherid crab from Karachi, northern Arabian Sea (Crustacea, Decapoda, Brachyura). *Journal of Natural History* **37**, 1085–89.
- Kim, H.S., and Sakai, T. (1972). A new pinnotherid crab of the genus *Sakaina* (Decapod Crustaceans) from Korea. *Proceedings of the Japanese Society of Systematic Zoology* **8**, 29–31.
- Komai, T., Nishi, E., and Taru, M. (2014). A new species of *Pinnixa* (Crustacea: Decapoda: Brachyura: Pinnotheridae) associated with a tube worm, *Chaetopterus cautus* (Annelida: Polychaeta), from Tokyo Bay, Japan. *Zootaxa* **3793**(1), 119–132.
- Komatsu, H., and Ohtsuka, S. (2009). A new species of the genus *Abyssotheres* (Crustacea, Decapoda, Brachyura, Pinnotheridae) from the Ryukyu Islands, southwestern Japan, with taxonomic notes on the genus. *Bulletin of the National Museum of Natural Science, Series A* **35**(1), 73–81.
- Komatsu, H., and Takeda, M. (2009). A new species of the genus *Pinnixa* (Decapoda: Brachyura: Pinnotheridae) from Otsuchi Bay, northeastern Japan. *Bulletin of the National Museum of Natural Science, Series A Suppl.* **3**, 199–204.
- Kornienko, E.S., and Korn, O.M. (2011). Morphology of the complete larval development of the pinnotherid crab *Sakaina yokoyai* (Glassell, 1933) (Decapoda, Brachyura). *Crustaceana* **84**(5–6), 573–584.
- Manning, R.B. (1993a). Three genera removed from the synonymy of *Pinnotheres* Bosc, 1802 (Brachyura: Pinnotheridae). *Proceedings of the Biological Society of Washington* **106**(3), 523–531.
- . (1993b). West African pinnotherid crabs, subfamily Pinnotherinae (Crustacea, Decapoda, Brachyura). *Bulletin du Muséum National d'Histoire Naturelle, Paris 4e ser.*, **1**(section A, nos 1–4), 125–177.
- . (1996). *Viridothers marionae*, a new genus and species of pinnotherid crab from West Africa (Crustacea: Decapoda: Brachyura). *Zoologische Mededelingen Leiden* **70**(19), 271–273.
- . (1998). A new genus and species of pinnotherid crab (Crustacea, Decapoda, Brachyura) from Indonesia. *Zoosystema* **20**(2), 357–362.
- Manning, R.B., and Felder, D.L. (1989). The *Pinnixa cristata* complex in the western Atlantic, with a description of two new species (Crustacea: Decapoda: Pinnotheridae). *Smithsonian Contributions to Zoology* **473**, 1–26.
- . (1996). *Nannothers moorei*, a new genus and species of minute pinnotherid crab from Belize, Caribbean Sea (Crustacea: Decapoda: Pinnotheridae). *Proceedings of the Biological Society of Washington* **109**(2), 311–317.

- Manning, R.B., and Holthuis, L.B. (1981). West African brachyuran crabs (Crustacea: Decapoda). *Smithsonian Contributions to Zoology* **306**, 1–394.
- Manning, R.B., and Morton, B. (1987). Pinnotherids (Crustacea: Decapoda) and leptoceans (Mollusca: Bivalvia) associated with sipunculan worms in Hong Kong. *Proceedings of the Biological Society of Washington* **100**(3), 543–551.
- De Melo, G.A.S., and Boehs, G. (2004). Rediscovery of *Holothuriophilus tomentosus* (Ortmann) comb. nov. (Crustacea, Brachyura, Pinnotheridae) in the Brazilian coast. *Revista Brasileira de Zoologia* **21**(2), 229–232.
- Naruse, T., Fujita, Y., and Ng, P.K.L. (2009). A new genus and new species of symbiotic crab (Crustacea: Brachyura: Pinnotheroidea) from Okinawa, Japan. *Zootaxa* **2053**: 59–68.
- Naruse, T., and Maenosono, T. (2012a). A new genus and species of Aphanodactylidae Ahyong & Ng, 2009 (Decapoda, Brachyura, Pinnotheridae) from the Ryuku Islands, Japan. In ‘Crustaceana Monographs, 17. Studies on Eumalacostraca: A Homage to Masatsune Takeda’. (Eds Junji Okuno, Kouki Fukuoka, and Hironori Komatsu.) pp. 225–232. (Brill Academic Publishers: Leiden, Boston).
- . (2012b). Two new species of *Indopinnixa* Manning & Morton, 1987 (Decapoda: Brachyura: Pinnotheridae) from the Ryukyu Islands, Japan. *Zootaxa* **3367**, 222–231.
- Narvarte, M.A., and Saiz, M.N. (2004). Effects of the pinnotherid crab *Tumidotheres maculatus* on the Tehuelche Scallop *Aequipecten tehuelchus* in the San Matías Gulf, Argentina. *Fisheries Research* **67**, 207–214.
- Ng, P.K.L. (2014). *Indopinnixa shellorum*, a new species of pea crab (Crustacea: Brachyura: Pinnotheridae) associated with a sipunculid from Singapore. *Raffles Bulletin of Zoology* **62**, 696–700.
- Ng, P.K.L., Guinot, D., and Davie, P.J.F. (2008). Systema Brachyura: Part I. An annotated checklist of extant brachyuran crabs of the world. *Raffles Bulletin of Zoology* **17**, 1–286.
- Ng, P.K.L., and Kumar, A.B. (2015). A new species of *Afropinnotheres* Manning, 1993 (Crustacea, Brachyura, Pinnotheridae) from southwestern India, the first record of the genus from the Indian Ocean, with a review of the Pinnotheridae of India and adjacent seas. *Zootaxa* **3947**(2), 264–274.
- Ng, P.K.L., and Manning, R.B. (2003). On two new genera of pea crabs parasitic in holothurians (Crustacea: Decapoda: Brachyura: Pinnotheridae) from the Indo-West Pacific, with notes on allied genera. *Proceedings of the Biological Society of Washington* **116**(4), 901–919.
- Ng, P.K.L., and Ngo, V.T. (2010). *Solenotheres prolixus*, a new genus and new species of pinnotherid crab (Crustacea: Decapoda: Brachyura) associated with the razor clam, *Solen corneus* Lamarck, 1818 (Solenidae) in Vietnam. *Zootaxa* **2570**, 61–68.
- Ng, P.K.L., Ahyong, S.T., and Komai, T. (2010). On the male of *Aphanodactylus loimiae* Konishi & Noda, 1999 (Crustacea: Brachyura: Pinnotheroidea: Aphanodactylidae). *Raffles Bulletin of Zoology* **58**(1), 75–78.
- Ng, P.K.L., and Naruse, T. (2009). On the identity of *Pinnixa brevipes* H. Milnes Edwards, 1853, and a new species of *Aphanodactylus* Tesch, 1918 (Crustacea: Decapoda: Brachyura: Pinnotheroidea) from the Philippines. *Raffles Bulletin of Zoology* **20**, 283–290.

- Ocampo, E.H., Robles, R., Terossi, M., Núñez, J.D., Cledón, M., and Mantelatto, F.L. (2013). Phylogeny, phylogeography, and systematics of the American pea crab genus *Calyptraeotheres* Campos, 1990, inferred from molecular markers. *Journal of the Linnean Society* **169**, 27–42.
- Page, R.D.M. (1983). Description of a new species of *Pinnotheres*, and redescription of *P. novaezealandiae* (Brachyura: Pinnotheridae). *New Zealand Journal of Zoology* **10**(2), 151–162.
- Pohle, G., and Marques, F. (1995). First zoea of *Dissodactylus glasselli* Rioja and new range and host records for species of *Dissodactylus* (Brachyura: Pinnotheridae), with a discussion of host-symbiont biogeography. *Proceedings of the Biological Society of Washington* **108**(2), 247–253.
- Pregenzer, C. (1988). A redescription of *Pinnotheres holothuriensis* Baker, 1907 and *Pinnotheres subglobosus* Baker, 1907 with a reassignment to the genus *Ostracotheres* (Decapoda, Brachyura). *Crustaceana* **55**(1), 17–28.
- Rahayu, D.L., and Ng, P.K.L. (2010). Two new species of *Indopinnixa* Manning & Morton, 1987 (Crustacea: Brachyura: Pinnotheridae) from Lombok, Indonesia. *Zootaxa* **2478**, 59–68.
- Righi, G. (1967). Sobre alguns Decapoda do Brasil (Crustacea, Brachyura: Pinnotheridae E Parthenopidae). *Papéis Avulsos de Zoologia, São Paulo* **20**(10), 99–116.
- Schmitt, W.L., McCain, J.C., and Davidson, E.S. (1973). Decapoda I Brachyura I Fam. Pinnotheridae. In 'Crustaceorum Catalogus', Pars 3 (Eds H.E. Gruner and H.L. Holthuis.) pp. 1–160. (W. Junk B.V.: Den Haag, The Netherlands.)
- Silas, E.G., and Alagarwami, K. (1975). On an instance of parasitisation by the pea-crab (*Pinnotheres* sp.) on the backwater Clam *Meretrix casta* (Chemnitz) from India, with a review of the work on the systematics, ecology, biology and ethology of pea crabs of the genus *Pinnotheres* Latreille. *Proceedings of the Symposium on Crustacea held at Ernakulam Part III* (Symposium series 2), 1161–1227.
- Subida, M.D., Arias, A.M., Drake, P., García-Raso, J.E., Rodríguez, A., and Cuesta, J.A. (2011). On the occurrence of *Afropinnotheres monodi* Manning, 1993 (Decapoda: Pinnotheridae) in European waters. *Journal of Crustacean Biology* **31**(2), 367–369.
- Takeda, M., and Konishi, K. (1994). A new commensal crab of the family Pinnotheridae from Okinawa, the Ryuku Islands. *Proceeding of The Japanese Society of Systematic Zoology* **50**, 20–23.
- Thoma, B.P., Heard, R.W., and Felder, D.L. (2009). Redescription of *Pinnixa arenicola* Rathbun, 1922 (Decapoda: Brachyura: Pinnotheridae), with new observations on its range and host. *Proceedings of the Biological Society of Washington* **122**(1), 72–80.
- Thoma, B.P., Heard, R.W., and Vargas, R. (2005). A new species of *Parapinnixa* (Decapoda: Brachyura: Pinnotheridae) from Isla del Coco, Costa Rica. *Proceedings of the Biological Society of Washington* **118**(3), 543–550.
- Vargas Castillo, R., and Wehrmann, I.S. (2008). Stomatopods and decapods from Isla del Coco, Pacific Costa Rica. *Revista De Biología Tropical* **56**(Suppl. 2), 79–97.
- Wass, M.L. (1968). A new pinnixid commensal with a holothurian (Crustacea: Decapoda). *Tulane Studies in Zoology* **14**, 137–39.

- Werding, B., and Müller, H.G. (1989). Die Gattung *Parapinnixa* Holmes 1894 and der Nordküste Kolumbiens, mit Beschreibung von *Parapinnixa Magdaliensis* n. sp. *Senckenbergiana biologica* **70**(1/3): 221–227.
- Werding, B., and Sánchez, H. (1989). Pinnotherid crabs of the genus *Dissodactylus* Smith, 1870, associated with irregular sea urchins at the Caribbean coast of Colombia (Crustacea: Decapoda: Pinnotheridae). *Zoologische Mededelingen Leiden* **63**(4), 35–42.
- Wicksten, M.K. (1982). New records of pinnotherid crabs from the Gulf of California (Brachyura: Pinnotheridae). *Proceedings of the Biological Society of Washington* **95**(2), 354–357.
- Zmarzly, D.L. (1992). Taxonomic review of pea crabs in the genus *Pinnixa* (Decapoda: Brachyura: Pinnotheridae) occurring on the California shelf, with descriptions of two new species.” *Journal of Crustacean Biology* **12**(4), 677–713.