

Document associé (fichier PDF) à : Poupin J. 2018. – *Les Crustacés décapodes des Petites Antilles, avec de nouvelles observations pour Saint Martin, la Guadeloupe et la Martinique*. Muséum national d'Histoire naturelle, Paris, 264 p. (Patrimoines naturels ; 77).

Cette liste est extraite du travail de Poupin (2018) et diffusée gratuitement sous la forme d'un fichier PDF téléchargeable sur le site des Publications scientifiques du Muséum national d'Histoire naturelle, Paris, collection Patrimoines naturels à : <http://sciencepress.mnhn.fr/en/collections/patrimoines-naturels>
À ce même lien les lecteurs intéressés pourront également télécharger la table des 1 056 espèces de la liste, sous la forme d'un fichier EXCEL également distribué gratuitement.

Des photographies supplémentaires des espèces (>3 000) sont par ailleurs disponibles dans la base de donnée en ligne de Legall & Poupin 2018. – *CRUSTA: Database of Crustacea (Decapoda and Stomatopoda), with special interest for those collected in French overseas territories* at <http://crustiesfroverseas.free.fr/lesser-antilles.php>

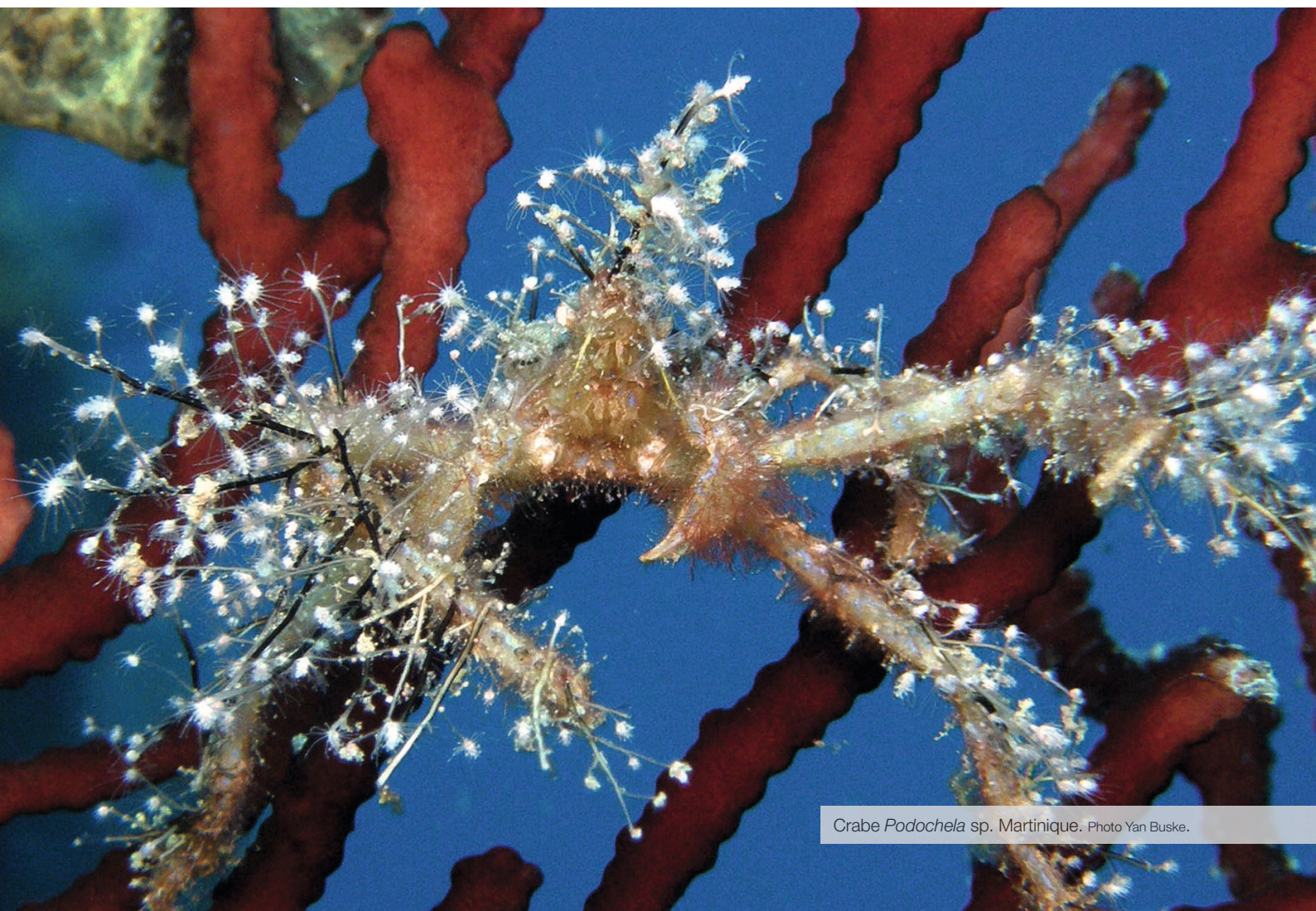
Supplementary document (PDF file) to: Poupin J. 2018. – *Les Crustacés décapodes des Petites Antilles, avec de nouvelles observations pour Saint Martin, la Guadeloupe et la Martinique*. Muséum national d'Histoire naturelle, Paris, 264 p. (Patrimoines naturels ; 77).

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At the same link the interested readers will have the possibility to download the table of the 1 056 species also proposed for free as an EXCEL file.

Additional photographs of the species (>3 000) can be also consulted via the online database of Legall & Poupin 2018. – *CRUSTA: Database of Crustacea (Decapoda and Stomatopoda), with special interest for those collected in French overseas territories* at <http://crustiesfroverseas.free.fr/lesser-antilles.php>

Liste documentée Documented list



Crabe *Podochela* sp. Martinique. Photo Yan Buske.

Cette liste est extraite (mai 2018) de la base de données de Legall & Poupin (2018) pour les crustacés décapodes et stomatopodes de l'outremer tropical français. Elle est présentée en anglais pour conserver le format de la base de données et faciliter l'accès aux données pour les lecteurs non francophones. Quelques signalements sont publiés ici pour la première fois à partir des récoltes et/ou photographies faites à Saint-Martin (2012), Guadeloupe (navire *Polka*, collections diverses de D. Lamy et KARUBENTHOS 2012) et Martinique (BIOSPHERES 2015). Dans plusieurs cas l'auteur est redevable à des carcinologistes qui ont participé aux déterminations et qui sont remerciés ici. Arthur Anker (Alpheidae), Rafael Lemaitre (Paguroidea) et Carlos Carmona-Suárez (Majoidea) ont le plus contribué et des déterminations

This list is extracted (May 2018) from the database by Legall & Poupin (2018) for the Crustacea Decapoda and Stomatopoda reported from the French tropical overseas territories. The English presentation of this database has been kept to facilitate the data transfer and formatting and to allow easier access to the list to non-French readers. Some records are published herein for the first time based on specimens and/or photographs examined from collections made at St Martin (2012), Guadeloupe (R/V *Polka*, various coll. D. Lamy, and KARUBENTHOS 2012), and Martinique (BIOSPHERES 2015). In several cases the author is indebted to carcinologists who have participated in the determinations and who are thanked herein. Arthur Anker (Alpheidae), Rafael Lemaitre (Paguroidea) and Carlos Carmona-Suárez (Majoidea)



Figure 74: carte des Petites Antilles identifiant les 3 archipels (VGI, ICA et IOV) et indiquant les îles principales retenues dans les distributions géographiques de la liste.
Map of Lesser Antilles with identification of 3 archipelagos (VGI, ICA and IOV) and indication of major islands that are used for geographic distributions documented in the list.

plus occasionnelles ont été faites par Keiji Baba (Chirostylidae), Peter Dworschak (Axiidae), Daryl L. Felder (plusieurs taxons), Charles H. J. M. Fransen (Palaemonidae), Joseph Goy (Stenopodidae), Xinzheng Li (Palaemonidae), Carlos Lira (plusieurs taxons), Patsy A. McLaughlin (Paguroidea, de l'atelier de tri MNHN 2015) et Enrique Macpherson (Galatheidae).

Les données de la liste présentent successivement :

• Distribution

- **Distribution géographique** aux Petites Antilles en distinguant les îles Vierges (VGI), les îles de l'arc caribéen (ICA) et les îles au large du Venezuela (IOV). Dans chaque archipel les lieux de récoltes sont simplifiés en ne retenant que les îles principales de la figure 74.
- **La distribution mondiale abrégée**, souvent tirée de Felder *et al.* (2009) en utilisant les acronymes suivants : ATL = Atlantique (oriental et occidental) ; ATL-MED = Atlantique et Méditerranée ; EP = côtes américaines du Pacifique oriental ; EA = Atlantique oriental ; IWP = Indo-Ouest Pacifique (de l'Afrique orientale à île de Pâques et Clipperton) ; IP = Indo-Pacifique (incluant IWP et EP) ; Pantropical = distribution mondiale ; WA = Atlantique occidentale ; WA-EP = Atlantic occidental et Pacifique oriental. Quand une espèce n'est connue que des Petites Antilles ou de VGI, ICA, IOV, ceci est indiqué par Only/Lesser Antilles, Only/VGI, Only/ICA, Only/IOV, Only/VGI/ICA etc. Les espèces qui ne sont connues que des Antilles (Grandes ou Petites) sont indiquées par Only/Antilles. Pour les espèces d'eau douce 'Only' est remplacé par 'Endemic'. WA (continental) est utilisé pour quelques espèces qui sont principalement distribuées sur le continent ou à proximité dans les îles 'continentales' de Curaçao, Margarita et Trinidad.
- **Distribution bathymétrique**, indiquée pour la totalité de l'étendue géographique de l'espèce (pas seulement les Petites Antilles). Elle est souvent reprise de Felder *et al.* (2009) adaptée au besoin avec des contributions plus récentes et/ou des observations faites pendant ce travail (ex. missions KARUBENTHOS 2012 et 2015 à la Guadeloupe). Pour les espèces d'eau douce ou terrestres la distribution bathymétrique est remplacée par l'indication de 'Freshwater' ou 'Terrestrial'.

• Signalements

- Origine du/des signalement(s) aux Petites Antilles soit dans les contributions scientifiques consultées (**literature**), par ordre chronologique, soit de missions récentes (**fieldwork**) et/ou photographies publiés ici pour la première fois. Les localités de récolte simplifiées sont indiquées pour chaque référence (en se limitant aux îles principales de la figure 74). Les signalements en mer exprimés en latitude/longitude sont rapportés à l'île principale la plus proche. Quelques petites îles ou îlots sont quelques fois indiqués entre parenthèses après l'île principale, comme : Guadeloupe (Désirade, Marie-Galante...), Grenadines (Bequia, Mustique, Tobago Cays...) ou Margarita (Los Frailes).

have most contributed. Additional determinations were made by: Keiji Baba (Chirostylidae), Peter Dworschak (Axiidae), Daryl L. Felder (various taxa), Charles H. J. M. Fransen (Palaemonidae), Joseph Goy (Stenopodidae), Xinzheng Li (Palaemonidae), Carlos Lira (various taxa), Patsy A. McLaughlin (Paguroidea, from Paris workshop, MNHN, 2005) and Enrique Macpherson (Galatheidae).

Data presented in the list include successively:

• Distribution

- **Geographic distribution** in the Lesser Antilles with distinction of the Virgin Islands (VGI), the islands of the Caribbean Arc (ICA) and the islands off Venezuela (IOV). Within each archipelago the collecting places are often simplified by retaining only the closest main island(s) identified on the figure 74.
- **Abridged worldwide distribution**, often based on Felder *et al.* (2009), using the following acronyms: ATL = Atlantic (Eastern and Western); ATL-MED = Atlantic and Mediterranean; EP = Eastern Pacific coast of Americas; EA = Eastern Atlantic; IWP = Indo-West Pacific (from eastern African coast to Easter Island and Clipperton); IP = Indo-Pacific (include IWP and EP); Pantropical = Worldwide distribution; WA = Western Atlantic; WA-EP = Western Atlantic and Eastern Pacific. When a marine species is known only from Lesser Antilles or VGI, ICA, IOV, this is indicated by Only/Lesser Antilles, Only/VGI, Only/ICA, Only/IOV, Only/VGI/ICA etc. Species known only from Antilles (Greater and Lesser) are indicated by Only/Antilles. For freshwater species 'Only' is replaced by 'Endemic'. WA (continental) is used for a few species that are mostly distributed along the mainland occurring in the Lesser Antilles only in 'continental' islands such as Curaçao, Margarita and Trinidad.
- **Depth range**, indicated for the entire geographic range of the species (not only Lesser Antilles). It is often taken from Felder *et al.* (2009) adapted when necessary with more recent contributions and/or observations during this research (e.g. Guadeloupe, KARUBENTHOS 2012, 2015 Expeditions). For freshwater or terrestrial species the depth range is replaced by indication of 'Freshwater' or 'Terrestrial'.

• Records

- Source of the record(s) for the Lesser Antilles from past scientific contributions (**literature**), listed chronologically, or from **fieldwork(s)** and/or photos determinations published herein for the first time. Simplified places of records are indicated after each reference (limited to main islands of the map, figure 74). Records at sea in latitude and longitude are converted to the closest main island(s). A few small islands or islets are sometimes indicated in parenthesis after the closest main island, such as: Guadeloupe (Désirade, Marie-Galante...), Grenadines (Bequia, Mustique, Tobago Cays...), or Margarita (Los Frailes).

- **Remark(s)**, when needed.

- **Remarque(s)**, si nécessaire.

- **Photographies en couleur**, sélectionnées pour quelques espèces.

La section « Méthodes de recherche et conventions » (p. 23) doit être consultée pour plus de détails sur les données incluses dans la liste. Legall & Poupin (2018) peuvent également être consultés en ligne pour des photographies supplémentaires des espèces (> 3 000) et/ou pour des recherches ciblées par taxons, îles, profondeur, associations etc.

La classification taxonomique de la liste est celle de WoRMS (2018) qui est basée sur les contributions suivantes : liste des genres et taxons supérieurs (De Grave *et al.* 2009) ; macroures Reptantia (Chan 2010) ; crevettes (De Grave & Fransen 2011) ; anomoures Chirostylidae, Galatheidae et Kiwaidae (Baba *et al.* 2008) ; autres anomoures (Boyko & McLaughlin 2010 ; McLaughlin *et al.* 2010a-c ; Osawa & McLaughlin 2010) ; et crabes (Ng *et al.* 2008). Les mises à jour de ces travaux fondamentaux ont été intégrées autant que possible, par exemples : nom d’auteur pour les Brachyura (Guinot *et al.* 2013) ; mise en synonymie des Gnathophyllidae avec les Palaemonidae (De Grave *et al.* 2015) ; nouveaux genres de Paguridae (Lemaitre *et al.* 2017), Mithracidae (Windsor & Felder 2014, 2017) et Ocypodidae (Shih *et al.* 2016).

- **Color photographs** for selected species.

The section « *Méthodes de recherche et conventions* » (p. 23) must be consulted for more details about data included in the list. Legall & Poupin (2018) can be also accessed for additional photographs (> 3 000) of the species and/or for targeted researches (by taxa, islands, depth ranges, associations etc.)

The taxonomy of the list follows WoRMS (2018) which is based on the following contributions: list of genera and higher taxa (De Grave *et al.* 2009); lobsters (Chan 2010); shrimps (De Grave & Fransen 2011); Anomura Chirostylidae, Galatheidae and Kiwaidae (Baba *et al.* 2008); others Anomura (Boyko & McLaughlin 2010; McLaughlin *et al.* 2010a-c; Osawa & McLaughlin 2010); and crabs (Ng *et al.* 2008). Updates for these core contributions have been integrated as far as possible, for examples: authorship for the nomen Brachyura (Guinot *et al.* 2013); Gnathophyllidae synonymized with Palaemonidae (De Grave *et al.* 2015); new genera in the Paguridae (Lemaitre *et al.* 2017), Mithracidae (Windsor & Felder 2014, 2017) and Ocypodidae (Shih *et al.* 2016).

ORDER DECAPODA LATREILLE, 1802

SUBORDER DENDROBRANCHIATA SPENCE BATE, 1888

Superfamily Penaeoidea Rafinesque, 1815

Family Aristidae Burkenroad, 1963

Aristaeomorpha foliacea (Risso, 1826)

Distribution: IOV (Testigos, Margarita, Blanquilla, Tortuga). 61-1 300 m. Pantropical.

Literature: *Aristaeomorpha foliacea* - Pérez Farfante & Kensley 1997: 36, 'Caribbean Sea to Venezuela'. - Lira *et al.* 2017a: 32, Testigos, Margarita (Los Frailes), Blanquilla, Tortuga.

Aristaeopsis edwardsiana (Johnson, 1867)

Distribution: ICA (Nevis, Guadeloupe), IOV (Testigos, Margarita, Aruba). 275-1 850 m, mostly 400-900 m. Pantropical.

Literature: *Plesiopenaeus edwardsianus* - A. Milne-Edwards & Bouvier 1909: 200, Nevis. - Rodríguez 1980: 50, off Aruba. - Poupin 1994: 19, Guadeloupe. - Pérez Farfante & Kensley 1997: 37, Guadeloupe.

Aristaeopsis edwardsiana - Poupin & Corbari 2016: 8, Guadeloupe. - Lira *et al.* 2017a: 32, Testigos, Margarita.

Aristeus antillensis A. Milne-Edwards & Bouvier, 1909

Distribution: ICA (Nevis, Guadeloupe), IOV (Testigos, Margarita, Blanquilla). 324-746 m. WA.

Literature: *Aristeus antillensis* A. Milne-Edwards & Bouvier, 1909: 201, Nevis. - Poupin & Corbari 2016: 9, Guadeloupe. - Lira *et al.* 2017a: 32, Testigos, Margarita, Blanquilla [From Blanco-Rambla *et al.* 1994, not seen].

Cerataspis monstrosus Gray, 1828

Distribution: ICA (Isla de Aves, Dominica, St Vincent), IOV (Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 495-5 413 m. Pantropical.

Literature: *Plesiopenaeus armatus* - Faxon 1896: 163, Dominica. - Gore 1985b: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba.

Aristeopsis armatus - A. Milne-Edwards & Bouvier 1909: 197, St Vincent (Bequia).

Remark: *Plesiopenaeus armatus* (Spence Bate, 1881) accepted as *Cerataspis monstrosus* Gray, 1828 in WoRMS (2018).

Hemipenaeus carpenteri Wood-Mason & Alcock, 1891

Distribution: ICA (Isla de Aves, St Vincent), IOV (Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 900-4 030 m. Pantropical.

Literature: *Hemipeneus* (sic) *triton* - Faxon 1896: 163, St Vincent - *Hemipenaeus triton* Faxon, 1893 accepted as *H. carpenteri* in WoRMS (2018).

Hemipenaeus carpenteri - Gore 1985b: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba.

Hepomadus tener Smith, 1884

Distribution: ICA (Isla de Aves), IOV (Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 600-3 780 m. Pantropical.

Literature: *Hepomadus tener* - Gore 1985b: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba.

Family Benthescymidae Wood-Mason & Alcock, 1891

Benthescymus bartletti Smith, 1882

Distribution: VGI (St Croix), ICA (Anguilla, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Grenada, Barbados), IOV (Orchila). 609-5 777 m. Pantropical.

Literature: *Benthescymus pleocanthus* Bate, 1888: 334, North Anguilla (off Sombrero) - Accepted as *B. bartletti* in WoRMS (2018).

Benthescymus bartletti - Faxon 1896: 163, Guadeloupe, Dominica, St Vincent, Grenada, Barbados. - A. Milne-Edwards & Bouvier 1909: 189, St Croix, Dominica, St Lucia. - Paulmier 1993: 11, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Gervain *et al.* 2002: 12, Guadeloupe. - Poupin & Corbari 2016: 9. - Lira *et al.* 2017a: 33, Orchila.



Figure 75: *Benthescymus bartletti*. Guadeloupe, KARUBENTHOS 2015, 780-828 m, MNHN-IU-2013-19093. Photo Joseph Poupin.

Benthescymus iridescens Spence Bate, 1881

Distribution: ICA (Isla de Aves), IOV (Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 576-4 987 m. Pantropical.

Literature: *Benthescymus iridescens* - Gore 1985b: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba.

Gennadas bouvieri Kemp, 1909

Distribution: IOV (Los Roques, Bonaire). 370-2 755 m. Pantropical.

Literature: *Gennadas bouvieri* - Gore 1985b: tab. 1, Venezuela basin, Los Roques, Bonaire.

Gennadas brevisrostris Bouvier, 1905

Distribution: ICA (St Lucia). 150-500 m. ATL.

Literature: *Gennadas brevisrostris* Bouvier, 1905a: 748, St Lucia.

Gennadas capensis Calman, 1925

Distribution: ICA (Isla de Aves), IOV (Blanquilla). 1 175-3 520 m. Pantropical.

Literature: *Gennadas capensis* - Gore 1985b: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla.

Gennadas elegans (Smith, 1882)

Distribution: ICA (St Lucia). 150-3 000 m. ATL-MED.

Literature: *Gennadas elegans* - A. Milne-Edwards & Bouvier 1909: 192, St Lucia.

Gennadas scutatus Bouvier, 1906

Distribution: ICA (Dominica). 122-2300 m. Pantropical.

Literature: *Gennadas scutatus* - A. Milne-Edwards & Bouvier 1909: 193, Dominica.

Gennadas valens (Smith, 1884)

Distribution: ?Lesser Antilles. 122-3654 m. ATL-MED.

Literature: *Gennadas valens* - Pérez Farfante & Kensley 1997: 66, 'Caribbean, Mediterranean'.

Family Penaeidae Rafinesque, 1815

Funchalia villosa (Bouvier, 1905)

Distribution: IOV (Los Roques, Bonaire). 50-1430 m. Pantropical.

Literature: *Funchalia villosa* - Gore 1985b: tab. 1, Venezuela basin, Los Roques, Bonaire.

Metapenaeopsis gerardoii Pérez Farfante, 1971

Distribution: ICA (Martinique, St Lucia, St Vincent, Barbados), IOV (Los Roques). 1-299 m. WA.

Literature: *Metapenaeopsis gerardoii* Pérez Farfante, 1971: 20, Martinique, St Lucia, Barbados, St Vincent (Grenadines). - Rodríguez 1986: tab. 2, Los Roques.

Metapenaeopsis goodei (Smith, 1885)

Distribution: VGI (St John, Virgin Gorda), ICA (Barbuda, ?Martinique, St Vincent), IOV (Curaçao, Aruba). 1-329 m. WA.

Literature: *Archipenaeopsis vestitus* Bouvier, 1905a: 747, 'Antilles' - Accepted as *Metapenaeopsis goodei* in WoRMS (2018).

Parapenaeopsis rathbuni Bouvier, 1905a: 748, 'Antilles' - Accepted as *Metapenaeopsis goodei* in WoRMS (2018).

Metapenaeus goodei - Rathbun 1920a: 4, Curaçao, Aruba.

Penaeopsis goodei - Schmitt 1924a: 61, Curaçao.

Metapenaeopsis goodei - Pérez Farfante 1971: 9, St John (Peter Island). - Chace 1972: 7, St John (Peter Island), Virgin Gorda, Barbuda, St Vincent (Mustique).

Fieldwork: ?*Metapenaeopsis goodei* - Martinique 2014, Anse d'Arlet, photo in situ Y. Buske, det. J. Poupin.

Metapenaeopsis hobbsi Pérez Farfante, 1971

Distribution: ICA (Guadeloupe, Martinique, St Lucia, Tobago), IOV (South of Orchila). 2-137 m. WA.

Literature: *Metapenaeopsis hobbsi* Pérez Farfante, 1971: 24, Martinique, St Lucia, Tobago. - Chace 1972: 7, south of Orchila. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Metapenaeopsis martinella Pérez Farfante, 1971

Distribution: VGI (St Thomas), ICA (Saba, Antigua, Dominica, Martinique, St Lucia, Grenada, Tobago), IOV (Margarita, Tortuga, Los Roques). 4-137 m. WA.

Literature: *Metapenaeopsis martinella* Pérez Farfante, 1971: 16, St Thomas, Saba, Dominica, St Lucia, Grenada (Carriacou), Margarita. - Chace 1972: 8, Antigua, Dominica, Tobago. - Rodríguez 1980: 61, Margarita. - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga.

Fieldwork: *Metapenaeopsis martinella* - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Metapenaeopsis smithi (Schmitt, 1924)

Distribution: VGI (St Thomas, St Croix, St John, Virgin Gorda), ICA (St Kitts, Barbuda, Antigua, Guadeloupe, St Vincent, Barbados), IOV (Cubagua, Los Roques, Bonaire, Curaçao). 1-366 m. WA.

Literature: *Penaeopsis smithi* Schmitt, 1924a: 62, Curaçao. - Schmitt 1924b: 68, Barbados (Pelican Island). - Schmitt 1936: 364, Bonaire.

Metapenaeopsis smithi - Pérez Farfante 1971: 29, St Thomas, St Croix, St John (Peter Island), St Kitts (St Christopher), St Vincent (Grenadines), Los Roques, Curaçao. - Chace 1972: 8, Virgin Gorda, Barbuda, Antigua, Curaçao. - Rodríguez 1980: 62, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Parapenaeus americanus Rathbun, 1901

Distribution: ICA (Guadeloupe, Martinique, St Lucia). 130-446 m. WA.

Literature: *Parapenaeus americanus* - A. Milne-Edwards & Bouvier 1909: 231, Martinique, St Lucia. - Schmitt 1935: 130, Martinique, St Lucia. - Poupin 1994: 17, Guadeloupe.

Parapenaeus politus (Smith, 1881)

Distribution: ICA (Guadeloupe, Martinique). 21-330 m. WA.



Figure 76: ?*Metapenaeopsis goodei*. Martinique, anse d'Arlet, 2014, det. J. Poupin. Photo Yan Buske.



Figure 77: *Parapenaeus politus*. Guadeloupe, KARUBENTHOS 2015, st. CP4648, 388-368 m, MNHN-IU-2013-19192. Photo Joseph Poupin.

Literature: *Neopenaeopsis paradoxus* Bouvier, 1905a: 747, 'Antilles' - Accepted as *Parapenaeus politus* in WoRMS (2018). *Parapenaeus politus* - Paulmier 1993: 10, Martinique. - Poupin 1994: 18, Guadeloupe. - Carré 2005: 23, Martinique. - Poupin & Corbari 2016: 11, Guadeloupe.

***Pelagopenaeus balboae* (Faxon, 1893)**

Distribution: ?Lesser Antilles. 10-100 m. Pantropical.
Literature: *Pelagopenaeus balboae* - Pérez Farfante & Kensley 1997: 126, 'Caribbean'.

***Penaeopsis serrata* Spence Bate, 1881**

Distribution: VGI, ICA (Anguilla, Saba, St Kitts, Guadeloupe, Dominica, St Lucia, Barbados, Grenada, Tobago, Trinidad), IOV (Testigos, Bonaire, Curaçao). 120-750 m, mostly 300-450 m (Poupin 1994). ATL.
Literature: *Penaeopsis serratus* - A. Milne-Edwards & Bouvier 1909: 221, St Kitts, Barbados.
Penaeopsis serratus var. *antillensis* A. Milne-Edwards & Bouvier, 1909: 226, St Kitts, Barbados.
Parapenaeus megalops Smith - Faxon 1896: 163, St Kitts, Grenada, Barbados. - Bullis & Thompson 1965: 5, off Grenada, Trinidad [R/V Oregon - off Trinidad, st. 1981; off Grenada, Testigos, st. 2777, 2780, 2781, 2782]. - Accepted as *Penaeopsis serrata* in WoRMS (2018).
Penaeopsis serrata - Pérez Farfante 1980a: 748, VGI, Anguilla, Saba, St Kitts (St Christopher), Guadeloupe, Dominica, St Lucia, Barbados, Trinidad, Tobago, Testigos, Bonaire, Curaçao. - Paulmier 1993: 9, Guadeloupe. - Poupin 1994: 18, Guadeloupe. - Poupin & Corbari 2016: 12, Guadeloupe.

***Penaeus aztecus lves*, 1891**

Distribution: ICA (?Martinique). 1-110 m. WA.
Literature: *Penaeus (Farfantepenaeus) aztecus* - Carré 2005: 23, Martinique.
Fieldwork: *Penaeus aztecus* - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.
Remark: In Pérez Farfante (1969: fig. 49), *Penaeus aztecus aztecus lves* (now in *P. aztecus*) is replaced in the Lesser Antilles by *P. aztecus subtilis* Pérez Farfante, 1967 (now in *P. subtilis*), an affiliated species. Present records of *P. aztecus* from Lesser Antilles should therefore be confirmed with comparison specimens. A specimen examined from Martinique (J. Poupin November 2015), however, is attributed to *P. aztecus*, because of the shape of its adrostral sulcus, as illustrated in Pérez Farfante (1969).

***Penaeus brasiliensis* Latreille, 1817**

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, St Eustatius, Barbuda, Antigua, Guadeloupe, Martinique, Tobago), IOV (Testigos, Coche, Margarita, Cubagua, Curaçao, Aruba). 1-275 m. WA.
Literature: *Penaeus brasiliensis* - Sharp 1893: 109, St Martin. - Rathbun 1920a: 3, St Eustatius, Curaçao. - Schmitt 1924a: 61, Curaçao. - Schmitt 1935: 128, St Thomas. - Schmitt 1936: 364, Curaçao. - Holthuis 1959: 76, St Martin. - Chace & Hobbs 1969: 53, St Thomas, St Croix. - Lira et al. 2017a: 34, Testigos, Coche, Margarita, Cubagua.
Penaeus (Melicertus) brasiliensis - Pérez Farfante 1969: 526, St Thomas, St Croix, Tobago, Trinidad, Margarita, Curaçao, Aruba. - Chace 1972: 9, Barbuda, Antigua, Guadeloupe, Tobago. - Rodríguez 1980: 56, Margarita.



Figure 78: *Penaeus ?brasiliensis/notialis*. Guadeloupe, KARUBENTHOS 2015, st. CRP4529, 176-183 m, MNHN-IU-2013-18879. Photo Laure Corbari.

Penaeus (Farfantepenaeus) brasiliensis - Carré 2005: 23, Martinique.
Farfantepenaeus brasiliensis - Hernández et al. 1999: tab. 1, Margarita. - Hernández-Ávila et al. 2007: tab. 1, Cubagua.
Penaeus ?brasiliensis (or *notialis*) - Poupin & Corbari 2016: 11, Guadeloupe.

***Penaeus notialis* Pérez Farfante, 1967**

Distribution: VGI (St Thomas, St Croix, St John), ICA (Martinique, Trinidad), IOV (Margarita, Curaçao, Aruba). 4-732 m. WA.
Literature: *Penaeus duorarum notialis* Pérez Farfante, 1967: 94, St Croix, Tortola, Curaçao, Aruba. - Chace & Hobbs 1969: 53, St Thomas, St John, Trinidad. - Vaslet et al. 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].
Penaeus (Melicertus) duorarum notialis - Pérez Farfante 1969: 520, Virgin Islands. - Chace 1972: 9, St Thomas, Aruba.
Farfantepenaeus notialis - Hernández et al. 1999: tab. 1, Margarita.
Penaeus (Farfantepenaeus) duorarum - Carré 2005: 23, Martinique - Probably not *Penaeus duorarum* Burkenroad, 1939, see Remark.
Remark: According to Pérez Farfante (1969: fig. 28) *P. duorarum duorarum* Burkenroad is not present in the Lesser Antilles 'replaced' there by *P. duorarum notialis* Pérez Farfante, 1967 (now in *P. notialis*), an affiliated species. Therefore, the record of *P. duorarum* in Martinique by Carré (2005) is probably *Penaeus notialis* instead.

***Penaeus schmitti* Burkenroad, 1936**

Distribution: VGI (St Thomas), ICA (Guadeloupe, Trinidad), IOV (Margarita, Cubagua). 1-37 m. WA.
Literature: *Penaeus schmitti* - Chace & Hobbs 1969: 54, St Thomas, Trinidad. - Pérez Farfante 1969: 488, Virgin Islands, Guadeloupe, Trinidad. - Pérez Farfante & Kensley 1997: 90, Trinidad. - Vaslet et al. 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Lira et al. 2017a: 34, Margarita, Cubagua.
Litopenaeus schmitti - Hernández-Ávila et al. 2007: appendix, Cubagua.

***Penaeus subtilis* (Pérez Farfante, 1967)**

Distribution: VGI (St John, St Croix), ICA (St Martin, Antigua, Guadeloupe, Martinique, St Lucia, Trinidad), IOV (Margarita, Los Roques, Curaçao, Aruba). 1-192 m. WA.

Literature: *Penaeus ?aztecus* - Chace 1956: 146, Los Roques (juveniles).

Penaeus aztecus - Holthuis 1959: 76, St Martin. - ?Not *Farfantepenaeus aztecus* (Ives, 1891) cf. Pérez Farfante (1969: fig. 49).

Penaeus aztecus subtilis Pérez Farfante, 1967: 87, St John, St Croix, Antigua, St Lucia, Trinidad, Curaçao, Aruba. - Chace & Hobbs 1969: 52, St John, St Croix, Antigua, St Lucia, Trinidad. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Penaeus (Melicertus) aztecus subtilis - Chace, 1972: 8, Antigua. - Lévéque, 1974: 45, Guadeloupe [det. Pérez Farfante].

Penaeus subtilis - Lira *et al.* 2017a: 34, Margarita, Los Roques.

Rimapenaeus constrictus (Stimpson, 1871)

Distribution: ICA (Anguilla, Guadeloupe), IOV (Margarita, Coche, Cubagua). 5-91 m. WA.

Literature: *Penaeopsis agassizii* Bouvier, 1905a: 748 Anguilla (Sombrero) - Accepted as *Rimapenaeus constrictus* in WoRMS (2018).

Trachypenaeus constrictus - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Rimapenaeus constrictus - Lira *et al.* 2017a: 36, Margarita (Los Frailes), Coche, Cubagua.

Rimapenaeus similis (Smith, 1885)

Distribution: VGI (St Thomas), ICA (Guadeloupe, Trinidad), IOV (Margarita, Coche). 20-228 m. WA.

Literature: *Trachypenaeus similis* - Schmitt 1935: 131, St Thomas, Trinidad [also Vieques].

Trachypenaeus similis similis - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Rimapenaeus similis - Lira *et al.* 2017a: 36, Margarita, Coche.

Trachypenaeopsis mobilispinis (Rathbun, 1915)

Distribution: ICA (Saba, St Kitts, Barbuda). 3-100 m. Pantropical.

Literature: *Metapenaeus mobilispinis* Rathbun, 1915: 117, Saba. - Rathbun 1920a: 4, Saba.

Trachypenaeopsis mobilispinis - Chace 1972: 10, Barbuda, St Kitts (St Christopher). - Pérez Farfante & Kensley 1997: 142-143, Saba.

Xiphopenaeus kroyeri (Heller, 1862)

Distribution: IOV (Testigos, Margarita, Cubagua). 1-44 m. WA.

Literature: *Xiphopenaeus kroyeri* - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Lira *et al.* 2017a: 36, Testigos, Margarita, Cubagua.

Family Sicyoniidae Ortmann, 1898

Sicyonia brevirostris Stimpson, 1871

Distribution: IOV (Margarita). 3-329 m. WA.

Literature: *Sicyonia brevirostris* - Lira *et al.* 2017a: 36, Margarita [From Sánchez, 1997; not seen].

Sicyonia burkenroadi Cobb, 1971

Distribution: ICA (Guadeloupe), IOV (Margarita). 29-585 m. WA.

Literature: *Sicyonia burkenroadi* - Pérez Farfante & Kensley 1997: 155, 'Caribbean coast of central America'. - Poupin & Corbari 2016: 12, Guadeloupe. - Lira *et al.* 2017a: 36, Margarita.

Sicyonia dorsalis Kingsley, 1878

Distribution: VGI (St Thomas), ICA (Dominica, Barbados, Grenada), IOV (Testigos, Coche, Margarita). 3-420 m. WA.

Literature: *Sicyonia dorsalis* - A. Milne-Edwards & Bouvier 1909: 253, Dominica, Barbados, Grenada. - Lira *et al.* 2017a: 36, Testigos, Coche, Margarita (Los Frailes).

Eusicyonia dorsalis - Schmitt 1935: St Thomas [also Vieques].

Sicyonia laevigata Stimpson, 1871

Distribution: VGI (St Thomas), ICA (St Eustatius, Guadeloupe), IOV (Margarita, Coche, Cubagua, Curaçao, Aruba). 5-100 m. WA-EP.

Literature: *Sicyonia laevigata* - Rathbun 1920a: 3, St Eustatius, Curaçao, Aruba. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Lira *et al.* 2017a: 36, Margarita, Coche, Cubagua.

Eusicyonia laevigata - Schmitt 1935: 132, St Thomas [also Vieques, Culebra].

Sicyonia olgae Pérez Farfante, 1980

Distribution: IOV (Testigos). 32-622 m. WA.

Literature: *Sicyonia olgae* Pérez Farfante, 1980b: 775, Testigos.

Sicyonia parri (Burkenroad, 1934)

Distribution: VGI (Tortola), ICA (Barbuda, Guadeloupe, Dominica, St Lucia, Tobago), IOV (Los Roques). 2-83 m. WA.

Literature: *Sicyonia parri* - Chace 1972: 11, Tortola, Barbuda, Dominica, St Lucia, Tobago. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Lira *et al.* 2017a: 37, Los Roques.

Sicyonia stimpsoni Bouvier, 1905

Distribution: ICA (Barbados). 1-420 m. WA.

Literature: *Sicyonia stimpsoni* Bouvier, 1905a: 748, 'Antilles'. - Chace 1972: 11, Barbados.

Sicyonia typica (Boeck, 1864)

Distribution: VGI (St Thomas, St John), ICA (?St Martin, St Eustatius, Antigua), IOV (Margarita, Coche, Cubagua). 1-101 m. WA.

Literature: *Sicyonia carinata* (Olivier) - Bate 1888: 294, St Thomas - *Palaemon carinatus* Olivier, 1811 accepted as *Sicyonia typica* in WoRMS (2018).

Sicyonia edwardsii Miers - Faxon 1896: 162, St John (Flanagan Passage). - Rathbun 1920a: 3, St Eustatius. - Schmitt 1924b: 68, Antigua - Accepted as *Sicyonia typica* in WoRMS (2018).



Figure 79: *Sicyonia burkenroadi*. Guadeloupe, KARUBENTHOS 2015, st. DW4597, 210-208 m, MNHN-IU-2013-19027. Photo Joseph Poupin.

Eusicyonia edwardsii (Miers) - Schmitt 1935: 133, St John (Flanagan passage).

Sicyonia typica - Lira *et al.* 2017a: 37, Margarita (Los Frailes), Coche, Cubagua.

Fieldwork: *Sicyonia ?typica* - Saint-Martin, RNN Inventory 2012, UF32487, photo Dstm_7509, 25/4/2012, det. J. Poupin.

Sicyonia wheeleri Gurney, 1943

Distribution: VGI, ICA (St Eustatius, Guadeloupe), IOV (Los Roques). 1-42 m. WA.

Literature: *Sicyonia wheeleri* - Chace 1972: 11, Virgin Islands, St Eustatius. - Rodríguez 1986: tab. 2, Los Roques. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Family Solenoceridae Wood-Mason & Alcock, 1891

Hadropenaeus affinis (Bouvier, 1906)

Distribution: ICA (Martinique, St Vincent, Barbados). 165-570 m. ATL.

Literature: *Hadropenaeus affinis* - A. Milne-Edwards & Bouvier 1909: 209, Barbados. - Pérez Farfante 1977: 317, Martinique, St Vincent, Barbados.

Hadropenaeus modestus (Smith, 1885)

Distribution: ICA (St Vincent, Tobago), IOV (Curaçao, Aruba). 150-550 m. WA.

Literature: *Hadropenaeus modestus* - Pérez Farfante 1977: 323, St Vincent (Grenadines), Tobago, off Curaçao, Aruba.

Hymenopenaeus aphoticus Burkenroad, 1936

Distribution: ICA (Isla de Aves). 1 040-2 900 m. ATL.

Literature: *Hymenopenaeus aphoticus* - Pérez Farfante 1977: 275, Isla de Aves.

Hymenopenaeus debilis Smith, 1882

Distribution: ICA (Anguilla, Saba, Antigua, Guadeloupe, Dominica, St Lucia, St Vincent), IOV (off Venezuela). 300-2 163 m. ATL.

Literature: *Hymenopenaeus debilis* - Pérez Farfante 1977: 268, Anguilla (Sombrero, Dog Islands), Saba, Antigua, Guadeloupe,



Figure 80: *Hymenopenaeus debilis*. Guadeloupe, KARUBENTHOS 2015, st. CP4617, 874-830 m, MNHN-IU-2013-19085. Photo Joseph Poupin.

Dominica, St Lucia, St Vincent. - Poupin & Corbari 2016: 12, Guadeloupe.

Mesopenaeus tropicalis (Bouvier, 1905)

Distribution: ICA (Dominica, Barbados), IOV (Testigos, Tortuga). 11-915 m. WA.

Literature: *Parartemesia tropicalis* Bouvier, 1905a: 748, 'Antilles'.

Haliporus tropicalis - A. Milne-Edwards & Bouvier 1909: 217, Barbados.

Mesopenaeus tropicalis - Pérez Farfante 1977: 332, Dominica, Barbados, Testigos, Tortuga. - Lira *et al.* 2017a: 37, Testigos.

Pleoticus robustus (Smith, 1885)

Distribution: ICA (Anguilla, Saba, St Eustatius, St Kitts, Guadeloupe, Grenada, Trinidad), IOV (Testigos, Blanquilla, Tortuga, Curaçao, Aruba). 200-1 000 m. WA.

Literature: *Haliporus robustus* - A. Milne-Edwards & Bouvier 1909: 210, St Kitts.

Hymenopenaeus robustus - Bullis & Thompson 1965: 5, off Grenada, Trinidad, Testigos [R/V *Oregon* - off Trinidad, st. 1981, 1984, 1991; off Grenada, Testigos st. 2772, 2774, 2775, 2782].

Pleoticus robustus - Pérez Farfante 1977: 297, Anguilla (Dog Island), Saba, St Eustatius, St Kitts (St Christopher), Guadeloupe, Testigos, Curaçao, Aruba. - Lira *et al.* 2017a: 37, Testigos, Blanquilla, Tortuga.

Solenocera acuminata Pérez Farfante & Bullis, 1973

Distribution: VGI (Virgin Gorda), ICA (Saba, St Kitts, ?Guadeloupe, Trinidad), IOV (Aruba). 31-180/622 m. WA.

Literature: *Solenocera acuminata* Pérez Farfante & Bullis, 1973: 8, Virgin Gorda, St Kitts (St Christopher), Trinidad, Aruba.

Solenocera aff. *acuminata* - Poupin & Corbari 2016: 13, Guadeloupe.

Solenocera atlantidis Burkenroad, 1939

Distribution: ICA (Saba, Tobago, Trinidad), IOV (Margarita). 16-232 m. WA.

Literature: *Solenocera atlantidis* - Pérez Farfante & Bullis 1973: 21, Saba, Tobago, Trinidad. - Lira *et al.* 2017a: 37, Margarita.

Solenocera necopina Burkenroad, 1939

Distribution: VGI (Virgin Gorda), ICA (Guadeloupe, Barbados), IOV (Testigos). 90-550 m. WA.

Literature: *Solenocera necopina* - Pérez Farfante & Bullis 1973: 14, Virgin Gorda, Guadeloupe, Barbados, Testigos. - Poupin & Corbari 2016: 13, Guadeloupe.

Superfamily Sergestoidea Dana, 1852

Family Luciferidae De Haan, 1849

Belzebug faxoni (Borradaile, 1915)

Distribution: VGI (Tortola, Virgin Gorda), ICA (Barbuda, Antigua, Dominica, Martinique, St Lucia, Tobago), IOV (Los Roques). 1-100 m. ATL.

Literature: *Lucifer faxoni* - Chace 1972: 12, Tortola, Virgin Gorda, Barbuda, Antigua, Dominica, Martinique, St Lucia, Tobago. - Rodríguez 1986: tab. 2, Los Roques.

Belzebug faxoni - Lira *et al.* 2017a: 38, Los Roques.

Family Sergestidae Dana, 1852

Parasergestes vigilax (Stimpson, 1860)

Distribution: VGI (?St Thomas), ICA (?Anguilla). 160-2 280 m. Pantropical.

Literature: *Sergestes parvidens* Bate, 1888: 409, ?Anguilla [R/V *Challenger*, 'Tropical part of Atlantic', perhaps st. 22 in the North of Anguilla?] - Murray 1895: 160, ?Anguilla, ?St Thomas [R/V *Challenger*, 'between Tenerife and St Thomas the exact locality being doubtful'].

Sergestes atlanticus H. Milne Edwards, 1830

Distribution: VGI (?St Thomas), ICA (?Anguilla). 200-2 500 m. Pantropical.

Literature: *Sergestes atlanticus* - Bate 1888: 389, ?St Thomas, ?North Anguilla [R/V *Challenger*, 'North Atlantic surface', perhaps st. 22 in the North of Anguilla?]. - Murray 1895: 160, ?St Thomas, ?North Anguilla [R/V *Challenger*, 'between Tenerife and St Thomas the exact locality being doubtful'].

Sergia grandis (Sund, 1920)

Distribution: VGI (St Croix), ICA (Barbuda, Guadeloupe, Martinique, St Lucia). 0-2 000 m. Pantropical.

Literature: *Sergia grandis* - Paulmier 1993: 11, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique - Vereshchaka 1994: 82, near St Croix, Barbuda, Guadeloupe, St Lucia.

Sergia hansjacobii Vereshchaka, 1994

Distribution: Western Atlantic. VGI (St Croix), ICA (Guadeloupe). 500-1 000 m. WA.

Literature: *Sergia hansjacobii* Vereshchaka, 1994: 11, between St Croix, Guadeloupe.

Sergia ?hansjacobii - Poupin & Corbari 2016: 14, Guadeloupe.

Sergia regalis (Gordon, 1939)

Distribution: VGI (St Croix), ICA (Barbuda, Guadeloupe, Dominica, Martinique, St Lucia, Barbados). 0-1 000 m. WA.

Literature: *Sergia regalis* - Vereshchaka 1994: 86, near St Croix, Barbuda, Guadeloupe, Dominica, Martinique, St Lucia, Barbados.

Sergia robusta (Smith, 1882)

Distribution: ICA (?Guadeloupe, Martinique, Grenada). 100-900 m. ATL-MED.

Literature: *Sergestes robustus* - Faxon 1896: 163, Martinique, Grenada.

Sergia ?robusta - Martin *et al.* 2005: 218, off Grenada. - Poupin & Corbari 2016: 14, Guadeloupe.

Sergia splendens (Sund, 1920)

Distribution: VGI (St Croix), ICA (Antigua, Barbuda, Guadeloupe, Dominica). 500-1 000 m. ATL-MED.

Literature: *Sergia splendens* - Vereshchaka 1994: 84, near St. Croix, Antigua, Barbuda, Guadeloupe, Dominica.

Sergia talismani (Barnard, 1947)

Distribution: VGI, ICA (Guadeloupe, Dominica). 20-1 200 m. Pantropical.

Literature: *Sergia talismani* - Vereshchaka 1994: 90, near Virgin Islands, Guadeloupe, Dominica.

Sergia wolffi Vereshchaka, 1994

Distribution: ICA (Antigua, Barbuda, Guadeloupe, Dominica). 200-1 500 m. WA.

Literature: *Sergia wolffi* Vereshchaka, 1994: 88, near Antigua, Barbuda, Guadeloupe, Dominica.

SUBORDER PLEOCYEMATA BURKENROAD, 1963

INFRA ORDER STENOPODIDEA BATE, 1888

Family Spongicolidae Schram, 1986

Microprosthema semilaeve (von Martens, 1872)

Distribution: VGI (St John, Tortola), ICA (Anguilla, St Martin, Barbuda, ?St Barthélemy, St Kitts, Antigua, Guadeloupe, Dominica, St Lucia, St Vincent, Barbados, Grenada, Tobago), IOV (Tortuga, Los Roques, Bonaire, Aruba). 1-23 m. WA.

Literature: *Stenopus semilaevis* - Schmitt 1924b: 86, Antigua, Barbados. - Schmitt 1936: 373, Aruba.

Microprosthema semilaeve - Chace 1972: 144, Anguilla, St Kitts, Antigua, Dominica, St Lucia, St Vincent (Grenadines), Tobago. - Rodríguez 1980: 175, Aruba. - Rodríguez 1986, tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Goy & Martin 2013: 468, St John, Barbuda, St Kitts (St Christopher), Antigua (English Harbor), Dominica, St Lucia, Barbados (Pelican Island), Grenada (Carriacou), Tobago, Bonaire, Aruba. - Chen *et al.* 2016: tab. 1, Guadeloupe [MNHN-IU-2013-4307].

Microprosthema jareckii Martin, 2002: Tortola (Guana) - Accepted as *M. semilaeve* (cf. Goy & Martin 2013).

Fieldworks: *Microprosthema semilaeve* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF31873, photo Dstm_0752, 10/4/2012; UF31872, photo Dstm_0765, 10/4/2012; UF32257, photo Dstm_5962, 17/4/2012; UF32375, photo Dstm_6739, 20/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, MNHN-IU-2013-4366, st. GM06, 1 m, photo; MNHN-IU-2013-4307, st. GB32, 4 m, photo; MNHN-IU-2013-4951, st. GS06, 23 m.



Figure 81 : *Sergia ?robusta*. Guadeloupe, KARUBENTHOS 2015, st. P4524, 550-500 m, MNHN-IU-2013-18802. Photo Laure Corbari.

Spongiocoloides inermis (Bouvier, 1905)

Distribution: ICA (St Lucia). 402-773 m. WA

Literature: *Richardina inermis* Bouvier, 1905a: 749, St Lucia. *Spongiocola inermis* - A. Milne-Edwards & Bouvier 1909: 266, St Lucia.

Spongiocaris hexactinellicola Berggren, 1993

Distribution: IOV (Curaçao). 270-610 m. WA.

Literature: *Spongiocaris hexactinellicola* - Olthof *et al.* 2018: 534, Curaçao [Curasub submersible].

Family Stenopodidae Claus, 1872

Richardina spinicineta A. Milne-Edwards, 1881

Distribution: ICA (Guadeloupe). 400-1 230 m. ATL.

Literature: *Richardina spinicineta* - Chen *et al.* 2016: tab. 1, Guadeloupe [MNHN-IU-2013-19177]. - Poupin & Corbari 2016: 14, Guadeloupe [MNHN-IU-2013-19177].

Stenopus hispidus (Olivier, 1811)

Distribution: VGI (St Croix), ICA (St Martin, St Barthélemy, St Eustatius, Antigua, Guadeloupe, Martinique, St Lucia, Tobago, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Curaçao). 1-200 m. Pantropical.

Literature: *Stenopus hispidus* - Faxon 1896: 156, St Croix. - Rathbun 1920a: 9, St Martin, Curaçao. - Schmitt 1924a: 72, Curaçao. - Schmitt 1935: 170, St Croix. - Chace 1972: 144, Antigua, St Lucia. - Rodríguez 1980: 165, Tortuga, Curaçao. - Rodríguez 1986: tab. 2, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - Hernández *et al.* 1999: tab. 1, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 14, St Barthélemy. - Faasse 2016: 52, St Eustatius. - OGATT 2018: webpage, Tobago, Trinidad.

Fieldworks: *Stenopus hispidus* - Saint-Martin, RNN Inventory 2012, det. Anker, UF31941, photo Dstm_1504, 12/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, MNHN-IU-2013-6697, st. GR01, 3 m; MNHN-IU-2013-6692, st. GM 04, 1 m; MNHN-IU-2013-4310, st. GR02, 20 m; MNHN-IU-2013-4377, st. GD01, 80 m; MNHN-IU-2013-4314, st. GR06, 15 m; MNHN-IU-2013-4367, st. GD17, 30 m; MNHN-IU-2013-4309, st. GB13, 10 m; MNHN-IU-2013-6693, st. GR26, 19 m; MNHN-IU-2013-4380, st. GB14, 49 m; MNHN-IU-2013-4308, st. GR33, 9 m; MNHN-IU-2013-4313, st. GR38, 5 m; MNHN-IU-2013-6696, st. GM 31, 2 m; MNHN-IU-2013-6695, st. GR46, 2 m; MNHN-IU-2013-6691, st. GR50, 4 m; MNHN-IU-2013-5272, st. GS20, 19 m; MNHN-IU-2013-4324, st. GB12, 14 m. - Martinique 2012-2015, photo in situ Y. Buske, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Stenopus scutellatus Rankin, 1898

Distribution: ICA (St Martin, St Eustatius, Guadeloupe, St Lucia, Martinique, Tobago), IOV (Margarita, Cubagua, Blanquilla, Los Roques, Curaçao, Aruba). 1-182 m. WA.

Literature: *Stenopus scutellatus* - Chace 1956: 151, Los Roques. - Chace 1972: 145, St Martin, St Lucia, Tobago. - Rodríguez 1980:

175, Los Roques, Curaçao, Aruba. - Grajal & Laughlin 1984: 225, Los Roques. - Rodríguez 1986, tab. 2, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Chen *et al.* 2016, tab. 1, Guadeloupe [MNHN-IU-2013-4378]. - Faasse 2016: 52, St Eustatius.

Fieldworks: *Stenopus scutellatus* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, MNHN-IU-2013-4440, st. GS06, 23 m; MNHN-IU-2013-4323, st. GR07, 24 m; MNHN-IU-2013-4379, st. GR01, 3 m; MNHN-IU-2013-4378, st. GR06, 15 m; MNHN-IU-2013-4317, st. GD08, 35 m; MNHN-IU-2013-4311, st. GR28, 19 m; MNHN-IU-2013-6694, st. GM21, 2 m. - Martinique 2014, photo in situ Y. Buske, det. Y. Buske/J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske.

Stenopus spinosus Risso, 1827

Distribution: ICA (St Martin, St Eustatius), IOV (Curaçao). 2-700 m. ATL-MED.

Literature: *Stenopus spinosus* - Rathbun 1920a: 9, St Martin, St Eustatius. - Schmitt 1924a: 72, Curaçao.

INFRA ORDER CARIDEA DANA, 1852

Superfamily Pasiphaeoidea Dana, 1852

Family Pasiphaeidae Dana, 1852

Leptochela (Leptochela) bermudensis Gurney, 1939

Distribution: ICA (Barbuda, Dominica), IOV (Los Roques). 0-1 280 m. WA.

Literature: *Leptochela bermudensis* - Chace 1972: 16, Barbuda, Dominica. - Rodríguez 1986: tab. 2, Los Roques.

Leptochela (Leptochela) serratorbita Spence Bate, 1888

Distribution: VGI (St Thomas), ICA (Barbuda, Antigua), IOV (Cubagua, Los Roques). 0-60 m. WA.

Literature: *Leptochela serratorbita* Bate, 1888: 859, St Thomas. - Schmitt 1935: 134, St Thomas [also Vieques, Culebra]. - Chace 1972: 16, Barbuda, Antigua. - Rodríguez 1986: tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Leptochela (Proboloura) carinata Ortmann, 1893

Distribution: ICA (Antigua, St Martin, Barbados). 0-600 m. WA.

Literature: *Leptochela carinata* - Schmitt 1924b: 69, Antigua, Barbados.



Figure 82: *Stenopus scutellatus*. Martinique, 2014. Photo Yan Buske.

Fieldwork: *Leptochela carinata* - Saint-Martin, RNN Inventory 2012, UF32497, photo Dstm_7260, 24/4/2012.

Pasiphaea merriami Schmitt, 1931

Distribution: ICA (Guadeloupe). 412-3206 m. WA.

Literature: *Pasiphaea merriami* - Poupin & Corbari 2016: 14, Guadeloupe.

Superfamily Oplophoroidea Dana, 1852

Family Acanthephyridae Spence Bate, 1888

Acanthephyra armata A. Milne-Edwards, 1881

Distribution: VGI (St Croix), ICA (Saba, Nevis, Guadeloupe, St Lucia). 365-2880 m. Pantropical.

Literature: *Acanthephyra armata* A. Milne-Edwards, 1881: 12, St Lucia. - A. Milne-Edwards 1883, pl. 33, St Lucia [st 222 is St Lucia in Forest & Holthuis 1997: 59]. - Faxon 1896: 162, St Croix, Nevis. - Bullis & Thompson 1965: 7, off Saba [R/V *Oregon*, st. 2637]. - Poupin & Corbari 2016: 15, Guadeloupe.

Acanthephyra curtirostris Wood-Mason & Alcock, 1891

Distribution: ICA (Guadeloupe). 0-3700 m. Pantropical.

Literature: *Acanthephyra curtirostris* - Poupin 1994: 19, Guadeloupe.

Acanthephyra eximia Smith, 1884

Distribution: ICA (Guadeloupe). 40-2160 m. Pantropical.

Literature: *Acanthephyra eximia* - Poupin 1994: 20, Guadeloupe.

Acanthephyra purpurea A. Milne-Edwards, 1881

Distribution: ICA (Guadeloupe). 302-3292 m. WA.

Literature: *Acanthephyra purpurea* - Poupin & Corbari 2016: 15, Guadeloupe.

Notostomus gibbosus A. Milne-Edwards, 1881

Distribution: ICA (Guadeloupe, Grenada). 1145-3932 m. Pantropical.

Literature: *Notostomus gibbosus* A. Milne-Edwards, 1881: 7, Grenada. - A. Milne-Edwards 1883: pl. 32, Grenada. - Crosnier & Forest 1973: 50, Grenada.

'*Crevette Profonde*' - Gervain *et al.* 2002: 33, Guadeloupe - Det. as *Notostomus gibbosus* by J. Poupin from color photo in the report (May 2015).



Figure 83: *Notostomus gibbosus*. Guadeloupe, R/V *Polka*, trap at 1 015-1 499 m, as '*Crevette Profonde*', det. J. Poupin from the photo. Adapted from Gervain *et al.* (2002: 33).

Family Oplophoridae Dana, 1852

Janicella spinicauda (A. Milne-Edwards, 1883)

Distribution: ICA (Grenada). 101-3716 m. Pantropical.

Literature: *Janicella spinicauda* - Martin *et al.* 2005: 217, off Grenada.

Oplophorus gracilirostris A. Milne-Edwards, 1881

Distribution: ICA (Guadeloupe, Dominica, Martinique, St Vincent, Grenada), IOV (Testigos). 100-2400 m. Pantropical.

Literature: *Oplophorus gracilirostris* A. Milne-Edwards, 1881: 6, Dominica. - A. Milne-Edwards 1883: pl. 30, Dominica [R/V *Blake*, St Kitts replaced by Dominica in Forest & Holthuis (1997: 55)]. - Bullis & Thompson 1965: 7, between Grenada, Testigos [R/V *Oregon*, st. 2353]. - Paulmier 1993: 12, Martinique. - Poupin 1994: 20, Guadeloupe. - Martin *et al.* 2005: 218, off Grenada. - Poupin & Corbari 2016: 15, Guadeloupe.

Hoplophorus gracilirostris - Faxon 1896: 161, Dominica, St Vincent (Bequia), Grenada.

Oplophorus gracillipes (sic) - Paulmier & Gervain 1994: 10, tab. 2, Martinique.

Systellaspis debilis (A. Milne-Edwards, 1881)

Distribution: ICA (Guadeloupe). 150-4594 m. Pantropical.

Literature: *Systellaspis debilis* - Poupin & Corbari 2016: 17, Guadeloupe.

Systellaspis pellucida (Filhol, 1885)

Distribution: ICA (Guadeloupe, Grenada, Trinidad), IOV (Testigos). 101-3700 m. Pantropical.

Literature: *Acanthephyra* (*Systellaspis*) *affinis* Faxon, 1896: 162, Grenada - Accepted as *Systellaspis pellucida* in WoRMS (2018).

Systellaspis affinis (Faxon) - Bullis & Thompson 1965: 7, off Grenada, Trinidad [R/V *Oregon* - off Trinidad, st. 1982; off Grenada, Testigos st. 2773].

Systellaspis pellucida - Poupin & Corbari 2016: 17, Guadeloupe.

Superfamily Atyoidea De Haan, 1849 [in De Haan, 1833-1850]

Family Atyidae De Haan, 1849 [in De Haan, 1833-1850]

Atya brachyrhinus H.H. Hobbs & C.W. Hart, 1982

Distribution: ICA (Barbados). Freshwater. Endemic/ICA.

Literature: *Atya brachyrhinus* Hobbs & Hart, 1982: 38, Barbados.

Atya innocous (Herbst, 1792)

Distribution: VGI (St Thomas, St Croix), ICA (Montserrat, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Barbados, Grenada, Tobago, Trinidad), IOV (Curaçao). Freshwater. WA.

Literature: *Cancer* (*Astacus*) *innocous* Herbst, 1792 [in Herbst, 1791-1796]: 62, Martinique.

Atya occidentalis - Pocock 1889: 11, Dominica - Accepted as *Atya innocous* in WoRMS (2018).

Atya innocous - Chace & Hobbs 1969: 57, St Croix, Montserrat, Guadeloupe, Dominica, Martinique, St Vincent. - Chace 1972: 14, Martinique. - Lévêque 1974: 42, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Carvacho 1982: 15, Martinique. - Hobbs & Hart 1982: 68, fig.

28, St Thomas, St Croix, Montserrat, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Barbados, Grenada, Tobago, Trinidad, Curaçao. - Lim *et al.* 2002: 30, tab. 2, Martinique. - Carré 2005: 23, Martinique. - Debrot 2003: 63, Curaçao. - Monti *et al.* 2010: 32, 40, Guadeloupe.

Atya lanipes Holthuis, 1963

Distribution: VGI (St Thomas, St Croix). Freshwater. Endemic/Antilles.

Literature: *Atya lanipes* Holthuis, 1963: 61, St Thomas. - Chace & Hobbs 1969: 62, St Thomas. - Chace 1972: 14, St Thomas. - Hobbs & Hart 1982: 82, St Thomas, St Croix.

Atya scabra (Leach, 1816)

Distribution: ICA (St Kitts, Montserrat, Guadeloupe, Dominica, Martinique, St Lucia, Grenada, Tobago, Trinidad), IOV (Curaçao). Freshwater. ATL.

Literature: *Atya scabra* - Sharp 1893: 111, Martinique. - Chace & Hobbs 1969: 63, Dominica, Trinidad. - Lévêque 1974: 42, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Hobbs & Hart 1982: 82, St Kitts, Montserrat, Guadeloupe, Dominica, Martinique, St Lucia, Grenada, Tobago, Trinidad, Curaçao. - Lim *et al.* 2002: 32, tab. 2, Martinique. - Debrot 2003: 68, Curaçao. - Monti *et al.* 2010: 32, 44, Guadeloupe.

Jonga serrei (Bouvier, 1909a)

Distribution: ICA (Guadeloupe, Dominica, Barbados, Tobago). Freshwater. WA.

Literature: *Jonga serrei* - Chace & Hobbs 1969: 66, Dominica, Barbados. - Chace 1972: 14, Dominica. - Lévêque 1974: 42, Guadeloupe. - Carvacho 1979: 446, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Monti *et al.* 2010: 32, 52, Guadeloupe.

Micratya poeyi (Guérin-Méneville, 1855 [in Guérin-Méneville, 1855-1856])

Distribution: ICA (Guadeloupe, Dominica, Martinique, Grenada, Barbados, Trinidad), IOV (Curaçao). Freshwater. WA.

Literature: *Micratya poeyi* - Chace & Hobbs 1969: 70, Dominica, Martinique. - Chace 1972: 14, Dominica. - Lévêque 1974: 42, Guadeloupe. - Lim *et al.* 2002: 34, tab. 2, Martinique. - Debrot 2003: 69, Curaçao. - Monti *et al.* 2010: 32, 46, Guadeloupe. - Karge *et al.* 2013: 357, Grenada, Barbados, Trinidad, Curaçao.

Potimirim americana (Guérin-Méneville, 1855 [in Guérin-Méneville, 1855-1856])

Distribution: ICA (?Dominica, Trinidad). Freshwater. WA.

Literature: ?*Caridina americana* - Pocock 1889: 16, Dominica.



Figure 84: *Atya innocuus*. Martinique river, June 2015. Photo Yan Buske.

Potimirim americana - Chace & Hobbs 1969: 76, Trinidad. - Chace 1972: 15, Trinidad.

Potimirim glabra (Kingsley, 1878) *sensu lato*

Distribution: ICA (Guadeloupe, ?Martinique, Tobago, Trinidad). Freshwater. WA.

Literature: *Potimirim glabra* - Chace 1972: 15, Tobago, Trinidad. - Lévêque 1974: 43, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Monti *et al.* 2010: 32, 50, Guadeloupe. - Lim *et al.* 2002: 36, ?Martinique. *Potimirim* sp. 2 Torati & Mantellato, 2012: 628, tab. 1, Tobago, Trinidad.

Remark: Torati & Mantellato (2012) indicate "The need for a new name to those '*P. glabra*' of the Caribbean is highlighted, and it was provisionally referred as *Potimirim* sp. 2. *Potimirim glabra sensu stricto* is only for populations of the Pacific slope of Central America".

Potimirim potimirim (Müller, 1881)

Distribution: ICA (Guadeloupe, Martinique, Trinidad). Freshwater. WA (continental).

Literature: *Potimirim potimirim* - Lévêque 1974: 43, Guadeloupe. - Lim *et al.* 2002: 36, tab. 2, Martinique. - Carré 2005: 23, Martinique. - Monti *et al.* 2010: 32, 48, Guadeloupe. - Torati & Mantellato 2012: 628, Trinidad.

Typhlatya monae Chace, 1954

Distribution: ICA (Barbuda), IOV (Bonaire, Curaçao, Aruba). Freshwater. WA (?Endemic/Antilles).

Literature: *Typhlatya monae* - Chace & Hobbs 1969: 80, Barbuda. - Chace 1972: 15, Barbuda. - Debrot 2003: 69, Bonaire, Curaçao, Aruba. - Botello *et al.* 2013: 595, fig. 1, tab. 1, Barbuda, Bonaire, Curaçao, Aruba [perhaps also Utila Island, Honduras].

Superfamily Bresilioidea Calman, 1896

Family Disciadidae Rathbun, 1902

Discias atlanticus Gurney, 1939

Distribution: ICA (Guadeloupe). 2-100 m. Pantropical.

Literature: *Discias atlanticus* - Monod 1939: 557, Guadeloupe. - Chace 1972: 17, Guadeloupe.

Discias serratirostris Lebour, 1949

Distribution: ICA (Tobago), IOV (Bonaire, Curaçao). 6-15 m. WA.

Literature: *Discias serratirostris* - Westinga & Hoetjes 1981: 142, tab. 2, Bonaire, Curaçao [Associated with sponges]. - Pachelles & De Grave 2015: 1472, Tobago.

Discias vernbergi Boothe & Heard, 1987

Distribution: IOV (Bonaire). 54-246 m. WA.

Literature: *Discias vernbergi* - Olthof *et al.* 2018: 535, Bonaire [Curasub submersible]

Superfamily Nematocarcinoidea Smith, 1884

Family Eugonatonotidae Chace, 1937

Eugonatonotus crassus (A. Milne-Edwards, 1881)

Distribution: ICA (Guadeloupe, Martinique, Grenada). 162-914 m. WA.

Literature: *Gonatonotus crassus* A. Milne-Edwards, 1881: 10, Grenada. - A. Milne-Edwards 1883: pl. 34, Grenada.
Eugonatonotus crassus - Chan & Yu 1991: 149, Guadeloupe, Grenade. - Paulmier 1993: 12, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 26, Guadeloupe. - Gervain *et al.* 2002: 16, Guadeloupe. - Poupin & Corbari 2016: 17, Guadeloupe.

Family Nematocarcinidae Smith, 1884

Nematocarcinus cursor A. Milne-Edwards, 1881

Distribution: ICA (Saba, Nevis, Guadeloupe, Martinique, St Vincent, Barbados, Trinidad). 542-1 943 m. ATL.

Literature: *Nematocarcinus cursor* A. Milne-Edwards, 1881: 14, Lesser Antilles. - A. Milne-Edwards 1883: pl. 36/37, Antilles. - Faxon 1896: 160, Nevis, Guadeloupe, Martinique, St Vincent, Barbados. - Bullis & Thompson 1965: 7, off Saba, Trinidad [RV *Oregon* - off Saba, st. 2637; off Trinidad, st. 2209]. - Crosnier & Forest 1973: 105, Nevis. - Poupin & Corbari 2016: 18, Guadeloupe.

Nematocarcinus ensifer (Smith, 1882)

Distribution: ICA (Isla de Aves), IOV (Blanquilla). 1430-3 549 m. Pantropical.

Literature: *Nematocarcinus ensifer* - Gore 1985a: tab. 1, Venezuela basin (off Isla de Aves), Blanquilla.

Nematocarcinus rotundus Crosnier & Forest, 1973

Distribution: ICA (Nevis, Montserrat). 1879-3 200 m. WA.

Literature: *Nematocarcinus rotundus* Crosnier & Forest, 1973: 103, off Nevis, Montserrat [16° 54' N, 63° 12' W, 1 250 m].

Nigmatullinus acanthitelsonis (Pequegnat, 1970)

Distribution: ICA (Isla de Aves), IOV (Blanquilla). 2 659-3 742 m. Pantropical.

Literature: *Nematocarcinus acanthitelsonis* - Gore 1985a: tab. 1, Venezuela basin (off Isla de Aves), Blanquilla.

Family Rhynchocinetidae Ortmann, 1890

Cinetorhynchus manningi Okuno, 1996

Distribution: VGI (St John), ICA (St Martin, Martinique). 4-55 m. WA.

Literature: *Cinetorhynchus rigens* - Manning 1961a: 3, St John. - Not *C. rigens* (Gordon, 1936) cf. Okuno (1996).

Cinetorhynchus manningi Okuno, 1996: 725, St John (Eagle Shoal) [Holotype, NMNH 277772].

Fieldworks: *Cinetorhynchus manningi* - Saint-Martin, RNN Inventory 25/4/2012, UF32476, photo Dstm_4280; UF32477, photo Dstm_4287; UF32490, photo Dstm_7358; UF32490, photo Dstm_7423; UF32490, photo Dstm_7429. - Martinique 2014, photo in situ Y. Buske, det. J. Poupin.

Cinetorhynchus rigens (Gordon, 1936)

Distribution: VGI, ICA (Guadeloupe, Martinique, Barbuda), IOV (Los Roques, Bonaire). 1-8 m. ATL.

Literature: *Rhynchocinetes rigens* - Chace 1972: 17, Barbuda. - Abele & Kim 1986: 13, VGI. - Rodríguez 1986: tab. 2, Los Roques.

Cinetorhynchus rigens - DORIS 2018: WebPages, Guadeloupe, Bonaire.

Fieldwork: *Cinetorhynchus rigens* - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: Color pattern of Martinique specimen (BIOSPHERES) resembles that of *C. manningi*. However, it has been verified that there are 3 arthrobranches (on P1/P2/P3) while only 1 is present (on P1) in *C. manningi*.

Cinetorhynchus sp. det. Poupin 2017

Distribution: ICA (Guadeloupe). 58-67 m. ?Only/ICA.

Fieldwork: *Cinetorhynchus* sp. - Guadeloupe, KARUBENTHOS 2015, st. DW4591, 21 June 2015, 15° 57.37' N, 61° 25.23' W, 67-58 m, MNHN-IU-2013-19001.

Remark: Rostrum of this specimen is broken. The color pattern is distinct from *C. manningi* and *C. rigens*. Perhaps a new species?

Family Xiphocarididae Ortmann, 1895

Xiphocaris elongata (Guérin-Méneville, 1855 [in Guérin-Méneville, 1855-1856])

Distribution: VGI (St Croix), ICA (Guadeloupe, Dominica, Martinique, St Lucia, Barbados, Tobago), IOV (Curaçao). Freshwater. WA.

Literature: *Xiphocaris gladiator* Pocock, 1889: 18, Dominica. - *Xiphocaris gladiator* var. *intermedia* Pocock, 1889: 19, Dominica. - *Xiphocaris brevirostris* Pocock, 1889: 20, Dominica - All accepted as *Xiphocaris elongata* (Guérin-Méneville, 1855) in WoRMS (2018).

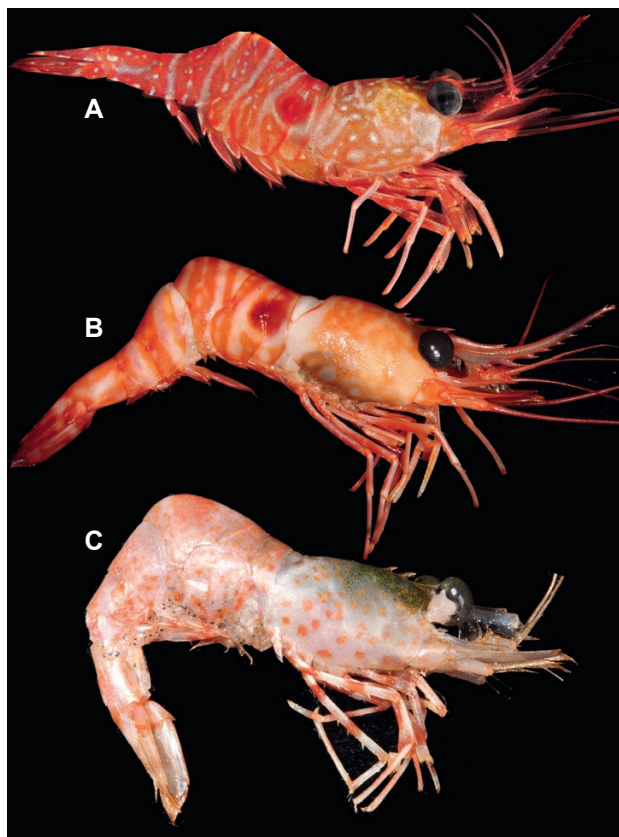


Figure 85: *Cinetorhynchus* shrimps from Lesser Antilles. A: *Cinetorhynchus manningi*, Saint-Martin, RNN Inventory 25/4/2012, UF32490 (det. Anker/Paulay). Photo Arthur Anker. B: *Cinetorhynchus rigens*, Martinique, coll. BIOSPHERES 2015 (det. J. Poupin, with the specimen). Photo Joseph Poupin. C: *Cinetorhynchus* sp., Guadeloupe, coll. KARUBENTHOS 2015, 58-67 m, MNHN-IU-2013-19001 (Rostrum broken, det. J. Poupin, 2017, from photo). Photo Joseph Poupin.

Xiphocaris elongata - Pocock 1889: 17, Dominica. - Schmitt 1924b: 86, Barbados. - Schmitt 1935: 134, Barbados. - Chace & Hobbs 1969: 81, St Croix, Dominica, St Lucia, Barbados. - Chace 1972: 16, Dominica. - Lévêque 1974: 43, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Lim *et al.* 2002: 38, tab. 2, Martinique. - Debrot 2003: 70, Curaçao. - Monti *et al.* 2010: 32, 54 Guadeloupe.

Remark: This species reported from mainland Venezuela in De Grave (2013a).

Superfamily Psalidopodoidea Wood-Mason [in Wood-Mason & Alcock, 1892]

Family Psalidopodidae Wood-Mason [in Wood-Mason & Alcock, 1892]

Psalidopus barbouri Chace, 1939

Distribution: VGI (Anegada), ICA (St Barthélemy, Saba, St Eustatius, St Kitts (St Christopher), Antigua, Guadeloupe, Dominica, ?Dominica), IOV (Testigos, Curaçao, Aruba). 412-750 m. WA

Literature: *Psalidopus barbouri* - Bullis & Thompson 1965 : 8, off Saba [RV Oregon, st. 2637]. - Chace & Holthuis 1978: 3, Anegada, St Barthélemy, Saba, St Eustatius, St Kitts (St Christopher), Antigua, Dominica, ?St Lucia, off Venezuela, between Testigos to Curaçao, Aruba.

Psalidopus barbouri - Poupin & Corbari 2016: 18, Guadeloupe.

Superfamily Stylodactyloidea Spence Bate, 1888

Family Stylodactylidae Spence Bate, 1888

Styloactylus rectirostris A. Milne-Edwards, 1883

Distribution: ICA (St Lucia, Guadeloupe). 155-530 m. WA.

Literature: *Styloactylus rectirostris* A. Milne-Edwards, 1883: pl. 35, St Lucia. - Cleva 1990: 168, St Lucia.

Styloactylus rectirostris - Poupin & Corbari 2016: 19, Guadeloupe.

Styloactylus serratus A. Milne-Edwards, 1881

Distribution: ICA (Nevis, Guadeloupe, Montserrat, Dominica, Martinique, St Vincent). 576-1 800 m. ATL.

Literature: *Styloactylus serratus* A. Milne-Edwards, 1881: 11, Dominica. - A. Milne-Edwards 1883: pl. 36 (35II), Nevis, Dominica, Martinique. - Faxon 1896: 159, Nevis, Martinique. - Cleva 1990: 166, Dominica. - Cleva & Van Wormhoudt 2006: 352, Montserrat, Dominica, Martinique, St. Vincent.

Styloactylus serratus - Poupin & Corbari 2016: 19, Guadeloupe.



Figure 86: *Styloactylus serratus*. Guadeloupe, KARUBENTHOS 2015, st. CP4617, 874-830 m, MNHN-IU-2013-19087. Photo Joseph Poupin.

Superfamily Palaemonoidea Rafinesque, 1815

Family Anchistioididae Borradaile, 1915

Anchistioides antiguensis (Schmitt, 1924)

Distribution: VGI (St Thomas), ICA (Saba, Antigua), IOV (Los Roques). 1-118 m. WA.

Literature: *Periclimenes antiguensis* Schmitt, 1924b: 84, Antigua.

Anchistioides antiguensis - Holthuis 1951: 175, St Thomas, Antigua. - Chace 1972: 24, Saba Bank, Antigua. - Rodríguez 1986: tab. 2, Los Roques.

Family Palaemonidae Rafinesque, 1815

Ancylomenes pedersoni (Chace, 1958)

Distribution: VGI (St Thomas, Tortola), ICA (St Martin, St Barthélemy, St Eustatius, Antigua, Guadeloupe, Martinique), IOV (Margarita, Los Roques, Bonaire, Curaçao). 1-35 m. WA.

Literature: *Periclimenes pedersoni* - Chace 1972: 38, Tortola, Antigua. - Abele & Kim 1986: 16, Bonaire. - Rodríguez 1986: tab. 2, Los Roques. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Ancylomenes pedersoni - Questel 2014: 13, St Barthélemy. - DORIS 2018: WebPages, Guadeloupe (Saintes), Martinique. - Brinkmann & Fransen 2016: 438, Curaçao. - Faasse 2016: 52, St Eustatius. - Horká *et al.* 2016: supplementary table S1, St Thomas. - Fransen 2018: WebPages, Curaçao.

Fieldworks: *Ancylomenes pedersoni* - Saint-Martin, RNN Inventory 2012, 10/4/2012, UF31887, photo Dstm_0832; 12/4/2012, UF31972, photo Dstm_2377. - Guadeloupe, KARUBENTHOS 2012, det. X. Li, st. GS24, 18 May 2012, 16° 26.78' N, 61° 32.41' W, 16 m, MNHN-IU- 2014-12030. - Martinique, photo in situ & det. Y. Buske; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Ascidonia miserabilis (Holthuis, 1951)

Distribution: ICA (Antigua, Guadeloupe, Martinique), IOV (Los Roques). 1-30 m. WA.

Literature: *Pontonia miserabilis* - Chace 1972: 40, Antigua. - Rodríguez 1986: tab. 2, Los Roques. - Fransen 2002: 227, Antigua, Martinique. - Fransen 2006: 715, Guadeloupe.

Ascidonia quasipusilla (Chace, 1972)

Distribution: ICA (Antigua, Guadeloupe, Martinique), IOV (Curaçao). 1-5 m. ATL.

Literature: *Pontonia quasipusilla* - Chace 1972: 41, Antigua.

Ascidonia quasipusilla - Fransen 2002: 248, Antigua, Martinique. - Fransen 2006: 715, Antigua, Guadeloupe, Martinique. - Brinkmann & Fransen 2016: 438, Curaçao. - Horká *et al.* 2016: supplementary table S1, Curaçao.

Brachycarpus biunguiculatus (Lucas, 1846)

Distribution: VGI (Tortola), ICA (St Martin, St Eustatius, Barbuda, Saba, Nevis, Antigua, Guadeloupe, Martinique, Barbados), IOV (Margarita, Tortuga, Los Roques, Bonaire, Curaçao). 1-105 m. Pantropical.

Literature: *Macrobrachium savignyi* (Bate) - Rathbun 1920a: 8, Bonaire. - Schmitt 1924a: 72, Curaçao - Schmitt 1924b: 83, Barbados - *Brachycarpus savignyi* Spence Bate, 1888 accepted as *Brachycarpus biunguiculatus* in WoRMS (2018).

Brachycarpus biunguiculatus - Schmitt 1935: 157, Curaçao. - Holthuis 1952: 6, Tortuga, Barbados, Curaçao. - Chace 1972: 18, Tortola, Barbuda, Saba Bank, Nevis, Antigua. - Rodríguez 1980: 113, Los Roques. - Grajal & Laughlin 1984: 223, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Faasse 2016: 52, St Eustatius. - Poupin & Corbari 2016: 19, Guadeloupe.

Fieldworks: *Brachycarpus biunguiculatus* - Saint-Martin, RNN Inventory 2012, UF32244, photo Dstm_5917, 17/4/2012; UF32254, photo Dstm_5971, 18/4/2012; UF32286, photo Dstm_6270, 19/4/2012; UF32250, photo Dstm_5979, 18/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. X. Li, st. GB09, 10 May 2012, 16° 08.07'N, 61° 46.71'W, 6 m, MNHN-IU-2014-12029. - Martinique, photo in situ Y. Buske, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Coutierea agassizi (Coutière, 1901)

Distribution: ICA (Barbados). 172 m. Only/ICA

Literature: *Coralliocaris agassizi* Coutière, 1901: 15, Antilles.

Coutierea agassizi - Holthuis 1951: 179, Barbados [Type specimen]. - Chace 1972: 25, Barbados.

Cuapetes americanus (Kingsley, 1878)

Distribution: VGI (St Thomas, St Croix, St John, Tortola, Virgin Gorda), ICA (St Martin, St Eustatius, Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, St Lucia, St Vincent, Grenada, Tobago, Trinidad), IOV (Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-73 m. WA.

Literature: *Periclimenes americanus* - Rathbun 1920a: 8, St Eustatius, Aruba. - Schmitt 1935: 162, St Thomas. - Schmitt 1936: 370, Bonaire. - Holthuis 1951: 60, St Thomas, St Croix, St Eustatius, Tobago, Trinidad, Cubagua, Aruba. - Chace 1972: 31, St John (Peter Is.), Tortola (Guana), Virgin Gorda, Anguilla, Barbuda, St Kitts (St Christopher), Antigua, Guadeloupe, St Lucia, St Vincent (Mustique, Tobago Cays), Grenada (Carricou), Tobago. - Carvacho 1979: 452, Guadeloupe. - Grajal & Laughlin 1984: 222, Los Roques. - Abele & Kim 1986: 15, Aruba. - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Cuapetes americanus - Horká *et al.* 2016: supplementary table S1, Curaçao.

Fieldwork: *Cuapetes americanus* - Saint-Martin, RNN Inventory 2012, UF32066, photo Dstm_5072, 14/4/2012; UF32115, photo Dstm_5415, 15/4/2012; UF32503, photo Dstm_7186, 24/4/2012.

Diapontonia maranulus Bruce, 1986

Distribution: IOV (Bonaire, Curaçao). 214-309 m. WA.

Literature: *Diapontonia maranulus* - Fransen 2014: 591, Curaçao. - Meij *et al.* 2014: 5, Curaçao. - Horká *et al.* 2016: supplementary table S1, Curaçao. - Olthof *et al.* 2018: 537, Bonaire, Curaçao [Curasub submersible].

Gnathophylloides mineri Schmitt, 1933

Distribution: ICA (St Martin, St Eustatius, Antigua, Martinique, St Lucia, Barbados, Tobago), IOV (Los Roques, Curaçao). 1-94 m. Pantropical.

Literature: *Gnathophylloides mineri* - Chace 1956: 151, Los Roques. - Chace 1972: 52, Antigua, St Lucia, Tobago. - Rodríguez 1980: 130, Barbados. - Carvacho 1982: 18, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Brinkmann & Fransen 2016: 438, Curaçao. - Faasse 2016: 52, St Eustatius. - Fransen 2018: WebPages, Curaçao.

Fieldworks: *Gnathophylloides mineri* - Saint-Martin, RNN Inventory 21/04/2012, UF32389, photo Dstm_6858. - Martinique, photo in situ Y. Buske, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry (photo n°2), det. J. Poupin.

Gnathophyllum americanum Guérin-Méneville, 1856

Distribution: VGI (St Thomas, Virgin Gorda), ICA (St Martin, Antigua, Guadeloupe, Martinique), IOV (Cubagua, Tortuga, Bonaire, Curaçao, Aruba). 1-50 m. Pantropical.

Literature: *Gnathophyllum americanum* - Rathbun 1920a: 9, Bonaire, Aruba. - Schmitt 1924a: 72, Curaçao. - Schmitt 1935: 166, St Thomas, Curaçao. - Schmitt 1936: 373, Aruba. - Chace 1972: 53, Virgin Gorda, Antigua, Guadeloupe. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Gnathophyllum americanum* - Saint-Martin, RNN Inventory 2012, UF32214, STM-038, Ilets de la Baie de l'Embouchure. - Martinique 2012-2015, photo in situ Y. Buske, det. J. Poupin.

Gnathophyllum circellum Manning, 1963

Distribution: ICA (Martinique), IOV (Bonaire). 1-6 m. WA.

Literature: *Gnathophyllum circellum* - Human *et al.* 2013: 118, Bonaire.

Fieldwork: *Gnathophyllum circellum* - Martinique 2012-2015, photo in situ Y. Buske, det. C. H. J. M. Fransen.



Figure 87: *Gnathophyllum circellum*. Martinique, det. C. H. J. M. Fransen. Photo Yan Buske.

Leander paulensis Ortmann, 1897

Distribution: ?VGI, ICA (Guadeloupe), IOV (Curaçao). 0-5 m. WA.

Literature: *Palaemon paulensis* - Schmitt 1924a: 72, Curaçao. - Schmitt 1935: 160, Curaçao.

Leander paulensis - Manning 1961b: 525 [Redescription of *L. paulensis* with comments on previous synonymy between *L. paulensis* and *L. tenuicornis*]. - Carvalho *et al.* 2014: 1586, ?Virgin Islands, Guadeloupe.

Palaemonetes karukera Carvacho, 1979: 449, Guadeloupe [Holotype MNHN Na2744; types later re-numbered as MNHN-IU-2013-11274 to 11281] - Accepted as *L. paulensis* in Carvalho *et al.* 2014.

Leander tenuicornis (Say, 1818)

Distribution: VGI (St Thomas, Tortola, Virgin Gorda, Anegada), ICA (St Martin, Barbuda, Antigua, Guadeloupe, Martinique, St Lucia), IOV (Cubagua, Tortuga, Los Roques, Curaçao). 1-71 m (to ?260/320 m). Pantropical.

Literature: *Leander erraticus* Desmarest, 1849: 92, off Guadeloupe - Accepted as *L. tenuicornis* in WoRMS (2018).

Palaemon tenuicornis - Rathbun 1920a: 7, Curaçao. - Schmitt 1924a: 72, Curaçao. - Schmitt 1935: 161, St Thomas.

Leander tenuicornis - Holthuis 1952: 155, St Thomas, Guadeloupe, Curaçao. - Chace 1956: 149, Los Roques. - Chace 1972: 19, Tortola (Guana), Virgin Gorda, Anegada, Barbuda, Antigua, St Lucia. - Carvacho 1979: 446, Guadeloupe. - Rodríguez 1980: 126, Los Roques. - Carvacho 1982: 16, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldworks: *Leander tenuicornis* - Saint-Martin, RNN Inventory 14/04/2012, UF32065, photo Dstm_5061; UF32060, photo Dstm_5075; UF32061, photo Dstm_5079; UF32063, photo Dstm_5088; UF32062, photo Dstm_5093; UF32076, photo Dstm_5098; UF32116, photo Dstm_5422. - Guadeloupe, coll. F. Gautier 2012, seagrass bed, det. J. Poupin; KARUBENTHOS 2012, det. X. Li, st. GD08, 8 May 2012, 16° 12.42' N, 61° 47.12' W, 35 m, MNHN-IU-2014-12025, 12026, 12028. - Martinique 2012-2013, 'Mitan Milieu', photo Y. Buske, det. J. Poupin; BIOSPHERES 2015 (photo n°81), coll. R. Ferry, det. J. Poupin.

Macrobrachium acanthurus (Wiegmann, 1836)

Distribution: VGI (St Croix), ICA (St Martin, Antigua, Guadeloupe, Dominica, Martinique, Tobago). Freshwater. WA.

Literature: *Palaemon acanthurus* - Sharp 1893: 121, St Martin.

Macrobrachium acanthurus - Holthuis 1952: 46, St Croix, St Martin, Martinique. - Holthuis 1959: 76, St Martin. - Chace & Hobbs 1969: 89, St Croix, St Martin, Dominica, Martinique. - Chace 1972: 20, Antigua. - Lévêque 1974: 45, Guadeloupe. - Carvacho 1979: 447, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Carvacho 1982: 17, Martinique. - Lim *et al.* 2002: 40, tab. 2, Martinique. - Carré 2005: 23, Martinique. - Monti *et al.* 2010: 32, 56, Guadeloupe.

Macrobrachium carcinus (Linnaeus, 1758)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Antigua, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Barbados, Grenada, Tobago, Trinidad), IOV (Cubagua, Bonaire, Curaçao, Aruba). Freshwater. WA.

Literature: *Palaemon jamaicensis* - H. Milne Edwards 1837 (1834-1840): 398, 'Antilles'. - Streets 1872: 134, St Martin. - Verrill 1892: 353, Dominica. - Sharp 1893: 122, St Martin.

Bithynis jamaicensis - Pocock 1889: 10, Dominica - Both accepted as *M. carcinus* in Holthuis (1952).

Palaemon montezumae - Nobili 1898: 2, St Thomas - Accepted as *Macrobrachium carcinus* in WoRMS (2018).

Macrobrachium jamaicensis - Schmitt 1924b: 83, Barbados. - Chace & Holthuis 1948: 24, Curaçao.

Macrobrachium carcinus - Holthuis 1952: 114, St Thomas, St Croix, St Martin, Guadeloupe, Dominica, St Vincent, St Lucia, Barbados, Grenada, Cubagua, Bonaire, Curaçao, Aruba. - Holthuis 1959: 76, St Martin. - Chace & Hobbs 1969: 93, St Thomas, St Croix, St Martin, Dominica, St Lucia, St Vincent, Barbados, Trinidad, Bonaire, Curaçao, Aruba. - Chace



Figure 88: *Leander tenuicornis*. Martinique, 2012, 'Mitan Milieu'. Photo Yan Buske.

1972: 20, Antigua. - Lévêque 1974: 45, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Rodríguez 1980: 124, Cubagua. - Carvacho 1982: 16, Martinique. - Lim *et al.* 2002: 42, tab. 2, Martinique. - Debrot 2003: 70, Curaçao. - Monti *et al.* 2010: 32, 58, Guadeloupe.

Macrobrachium crenulatum Holthuis, 1950

Distribution: VGI (St Croix), ICA (Guadeloupe, Dominica, Martinique, Grenada, Tobago, Trinidad), IOV (Curaçao). Freshwater. WA.

Literature: *Macrobrachium crenulatum* - Holthuis 1952: 107, St Croix, Guadeloupe, Grenada, Trinidad. - Chace & Hobbs 1969: 99, St Croix, Guadeloupe, Dominica, Grenada, Trinidad. - Chace 1972: 20, Tobago, Trinidad. - Lévêque 1974: 45, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Carvacho 1982: 17, Martinique. - Lim *et al.* 2002: 44, tab. 2. - Debrot 2003: 70, Curaçao - Monti *et al.* 2010: 32, 60, Guadeloupe.



Figure 89: *Macrobrachium crenulatum*. Martinique. Photo Yan Buske.

Macrobrachium faustinum (de Saussure, 1857)

Distribution: VGI (St Thomas, St Croix); ICA (Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Barbados, Grenada, Tobago), IOV (Bonaire, Curaçao). Freshwater. WA.

Literature: *Palaemon spinimanus* Latreille, 1818 - H. Milne Edwards 1837 (1834-1840): 399 'Antilles et les côtes du Brésil' - Accepted in part as *M. faustinum* in De Grave & Franssen (2011: 323).

Bithynis spinimanus - Pocock 1889: 10, Dominica - Attributed herein to *M. faustinum* based on locality and synonymy in De Grave & Franssen (2011).

Palaemon lamarrei M. Edw - Doflein 1899: 177, Martinique - *Macrobrachium lamarrei* (H. Milne Edwards, 1837) is from the Indo-Pacific; attributed herein to *M. ?faustinum* based on locality.

Macrobrachium faustinum - Chace & Holthuis 1948: 23, Bonaire [also *Macrobrachium* sp. near *faustinum*, probably a new species]. - Holthuis 1952: 88, St Thomas, St Croix, St Lucia, Dominica, Grenada, Barbados,

Tobago, Bonaire, Curaçao. - Chace & Hobbs 1969: 102, St Thomas, St Croix, Dominica, St Lucia, St Vincent, Barbados, Grenada, Tobago, Bonaire, Curaçao. - Chace 1972: 20, Tobago. - Lévêque 1974: 45, Guadeloupe. - Carvacho 1979: 447, Guadeloupe. - Hart 1980: tab. 2, Tobago. - Lim *et al.* 2002: 46, tab. 2, Martinique. - Debrot 2003: 71, Curaçao. - Carré 2005: 23, Martinique. - Monti *et al.* 2010: 32, 62, Guadeloupe.

Macrobrachium heterochirus (Wiegmann, 1836)

Distribution: ICA (Guadeloupe, Dominica, Martinique, St Vincent, Grenada, ?Tobago), IOV (Curaçao). Freshwater. WA.

Literature: *Bithynis appuni* (with a ?) - Pocock 1889: 10, Dominica - *Palaemon appuni* von Martens, 1869 accepted as *Macrobrachium heterochirus* in WoRMS (2018).

Macrobrachium heterochirus - Holthuis 1952: 69, Guadeloupe, Dominica, St Vincent, Grenada. - Chace & Hobbs 1969: 106, Guadeloupe, Dominica, St Vincent, Grenada. - Lévêque 1974: 45, Guadeloupe. - Hart 1980: 848, Tobago [in all probability]. - Lim *et al.* 2002: 48, tab. 2, Martinique. - Debrot 2003: 71, Curaçao. - Carré 2005: 23, Martinique. - Monti *et al.* 2010: 32, 64, Guadeloupe.

Macrobrachium jelskii (Miers, 1877)

Distribution: ICA (Trinidad). Freshwater. WA (continental).

Literature: *Macrobrachium jelskii* - Chace & Holthuis 1948: 23, Trinidad. - Holthuis 1952: 26, Trinidad. - Chace & Hobbs 1969: 109, Trinidad. - Chace 1972: 20, Trinidad.

Macrobrachium lucifugum Holthuis, 1974

Distribution: IOV (Curaçao, Bonaire). Freshwater. Endemic/Antilles.

Literature: *Macrobrachium lucifugum* - Debrot 2003: 71, Bonaire, Curaçao.

Macrobrachium olfersii (Wiegmann, 1836)

Distribution: IOV (?Bonaire, ?Curaçao). Freshwater. WA.

Literature: *Palaemon spinimanus* Latreille, 1818 - H. Milne Edwards 1837 (1834-1840): 399 'Antilles et côtes du Brésil' - Accepted in part as *M. olfersii* in De Grave & Franssen (2011: 328).

Macrobrachium olfersii - Rathbun 1920a: 8, Bonaire, Curaçao. - Schmitt 1936: 372, Bonaire - In Chace & Holthuis (1948: 23) records in Rathbun (1920a - cited as 1919; part) and Schmitt (1936) are *Macrobrachium* sp. near *faustinum*, not *M. olfersii*.

Macrobrachium rosenbergii (De Man, 1879)

Distribution: ICA (Martinique). Freshwater. Pantropical (Aquaculture).

Literature: *Macrobrachium rosenbergii* - Lim *et al.* 2002: 50, tab. 2, Martinique - Introduced species, present in freshwater rivers, near aquaculture ponds.

Holthuisaeus bermudensis (Armstrong, 1940)

Distribution: ICA (Guadeloupe, Martinique, Tobago), IOV (Cubagua, Los Roques). 0-20 m to 75/88 m. WA.

Literature: *Periclimenaeus bermudensis* - Chace 1956: 150, Los Roques. - Rodríguez 1980: 93, Los Roques. - Carvacho 1982: 17, Martinique. - Grajal & Laughlin 1984: 223, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Poupin & Corbari 2016: 20, Guadeloupe [Maximum deep range extended from 20 m to 75-88 m].

Holthuisaeus bermudensis - Anker & De Grave 2010: 119, Tobago [from sponge *Aplysina fistularis*, 15 m; new genus].

Neopontonides beaufortensis (Borradaile, 1920)

Distribution: ICA (Antigua, St Lucia), IOV (Los Roques, Curaçao). 0-10 m. WA.

Literature: *Neopontonides beaufortensis* - Chace 1972: 25, St Lucia. - Criales 1980: 74, Curaçao. - Williams 1984: 80, Antigua. - Abele & Kim 1986: 14, Antigua. - Rodríguez 1986: tab. 2, Los Roques.

Palaemon northropi (Rankin, 1898)

Distribution: VGI (St Croix), Lesser Antilles, ICA (Guadeloupe, Martinique), IOV (Cubagua, Los Roques, Curaçao). 0-1 m. WA.

Literature: *Palaemon affinis* - Schmitt 1924a: 72, Curaçao. - Schmitt 1935: 160, Curaçao - Not *P. affinis* H. Milne Edwards, 1837, accepted as *P. northropi* in Holthuis (1952: 192).

Palaemon (Palaeander) northropi - Holthuis 1952: 192, St Croix, Cubagua, Curaçao. - Chace 1972: 21, Guadeloupe. - Rodríguez 1980: 128, Cubagua. - Carvacho 1982: 16, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Palaemon octaviae Chace, 1972

Distribution: ICA (Guadeloupe). 0-2 m. WA.

Literature: *Palaemonetes octaviae* Chace, 1972: 22, Guadeloupe. - Carvacho 1979: 447, Guadeloupe - Accepted as *Palaemon octaviae* in De Grave & Ashelby (2013).

Palaemon pandaliformis (Stimpson, 1871)

Distribution: VGI (St Croix), ICA (Guadeloupe, Martinique, Barbados, Tobago, Trinidad). Freshwater. WA.

Literature: *Leander pandaliformis* Stimpson, 1871: 130, Barbados or Trinidad.

Palaemon pandaliformis - Holthuis 1952: 187, St Croix, Barbados, Trinidad. - Chace & Hobbs 1969: 111, St Croix, Barbados. - Chace 1972: 21, Barbados or Trinidad. - Lévêque 1974: 45, Guadeloupe. - Carvacho 1979: 447, St Croix, Guadeloupe, Barbados. - Hart 1980: tab. 2, Tobago. - Lim *et al.* 2002: 52, tab. 2, Martinique. - Monti *et al.* 2010: 32, 66, Guadeloupe.



Figure 90: *Holthuisaeus bermudensis*. Guadeloupe, KARUBENTHOS, st. DW4545, 82-60 m, MNHN-IU-2013-18947. Photo Laure Corbari.

Palaemon portoricensis* (Schmitt, 1933) *incertae sedis

Distribution: ICA (Guadeloupe). Freshwater. WA.

Literature: *Palaemonetes portoricensis* - Carvacho 1979: 448, Guadeloupe.

Remark: *Palaemon portoricensis*, described from Puerto Rico (as *Periclimenes portoricensis*), is a species considered herein as *incertae sedis*. It is not in the list of freshwater species for Puerto Rico by Pérez-Reyes *et al.* (2013) but these authors have not consulted Carvacho (1979) who considers that the synonymy proposed by Holthuis (1952) (*Periclimenes portoricensis* = *Macrobrachium carcinus*) is not acceptable and that the species described by Schmitt under *Periclimenes* is valid and more certainly a *Palaemonetes* (now in *Palaemon* cf. De Grave & Ashelby (2013)).

***Palaemon vulgaris* (Say, 1818)**

Distribution: ICA (Martinique). 0-15 m. WA.

Literature: *Palaemonetes vulgaris* - Carré 2005: 23, Martinique Accepted as *Palaemon vulgaris* in De Grave & Ashelby (2013).

***Periclimenaeus ascidiarum* Holthuis, 1951**

Distribution: ICA (Dominica), IOV (Los Roques). 1-73 m. WA.

Literature: *Periclimenaeus ascidiarum* - Chace 1972: 26, Dominica. - Rodríguez 1986: tab. 2, Los Roques.

***Periclimenaeus atlanticus* (Rathbun, 1901)**

Distribution: VGI (St Thomas). 37-42 m. WA.

Literature: *Coralliocaris atlantica* Rathbun, 1901: 122, St Thomas. *Periclimenes atlantica* - Schmitt 1935: 163, St Thomas. *Periclimenaeus atlanticus* - Holthuis 1951: 83, St Thomas. - Chace 1972: 26, St Thomas.

***Periclimenaeus bredini* Chace, 1972**

Distribution: IOV (Los Roques). 1-40 m. WA.

Literature: *Periclimenaeus bredini* - Rodríguez 1986: tab. 2, Los Roques.

***Periclimenaeus caraibicus* Holthuis, 1951**

Distribution: ICA (Barbuda, Antigua, Dominica, St Lucia, Tobago). 1-2 m. WA.

Literature: *Periclimenaeus caraibicus* Holthuis, 1951: 110, Tobago. - Chace 1972: 28, Barbuda, Antigua, Dominica, St Lucia, Tobago.

***Periclimenaeus maxillulidens* (Schmitt, 1936)**

Distribution: IOV (Los Roques, Bonaire). 1-46 m. WA.

Literature: *Periclimenes maxillulidens* Schmitt, 1936: 371, Bonaire. *Periclimenaeus maxillulidens* - Holthuis 1951: 87, Bonaire. - Chace 1972: 28, Bonaire. - Rodríguez 1986: tab. 2, Los Roques.

***Periclimenaeus pearsei* (Schmitt, 1932)**

Distribution: IOV (Los Roques). 0-46 m. WA.

Literature: *Periclimenaeus pearsei* - Rodríguez 1986: tab. 2, Los Roques.

***Periclimenaeus perlatus* (Boone, 1930)**

Distribution: IOV (Los Roques). 0-37 m. WA.

Literature: *Periclimenaeus perlatus* - Chace 1956: 150, Los Roques [Det. with a ?]. - Rodríguez 1986: tab. 2, Los Roques.

***Periclimenes antipathophilus* Spotte, Heard & Bubucis, 1994**

Distribution: ICA (?Martinique), IOV (Curaçao). 1-50 m. WA.

Literature: *Periclimenes antipathophilus* - Fransen 2018: WebPages, Curaçao.

Fieldwork: *Periclimenes ?antipathophilus* - Martinique 2012, photo in situ Y. Buske, 'Fond Boucher', det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry (photo n°18), det. J. Poupin.



Figure 91: *Periclimenes ?antipathophilus*. Martinique. Photo Yan Buske.

***Periclimenes bowmani* Chace, 1972**

Distribution: ICA (Guadeloupe, St Lucia, ?Martinique). 2-3 m to 53 m. WA.

Literature: *Periclimenes bowmani* Chace, 1972: 32, fig. 6-7, St Lucia.

Fieldworks: *Periclimenes bowmani* - Guadeloupe, KARUBENTHOS 2012, det. X. Li, st. GR40, 21 May 2012, 15° 54' N, 61° 39.3' W, 53 m, MNHN-IU-2014-12031.

Periclimenes ?bowmani - Martinique, photo in situ Y. Buske, det. J. Poupin.

***Periclimenes colesi* De Grave & Anker, 2009**

Distribution: IOV (Curaçao). 1-15 m. WA.

Literature: *Periclimenes colesi* - Horká *et al.* 2016: supplementary table S1, Curaçao. - Fransen 2018: WebPages, Curaçao.

***Periclimenes crinoidalis* Chace, 1969**

Distribution: ICA (?Martinique), IOV (Curaçao). 15-38 m. WA.

Literature: *Periclimenes crinoidalis* Chace, 1969: 251, Curaçao - Chace 1972: 35, Curaçao. - Horká *et al.* 2016: supplementary table S1, Curaçao.

Fieldwork: *Periclimenes crinoidalis* - Martinique 2014, photo in situ Y. Buske, det. Y. Buske; BIOSPHERES 2015, coll. R. Ferry (photo n°8), det. J. Poupin.

***Periclimenes finlayi* Chace, 1972**

Distribution: ICA (Dominica, St Lucia). 165-274 m. WA. Only/ICA

Literature: *Periclimenes finlayi* Chace, 1972: 25, Dominica, St Lucia [165-274 m in mollusk traps].

Periclimenes harringtoni Lebour, 1949

Distribution: ICA (Martinique, St Vincent), IOV (Bonaire). 1-119 m. WA.

Literature: *Periclimenes harringtoni* - Human *et al.* 2013: 111, Bonaire, St Vincent [Associated with sponge, *Neofibularia nolitangere*].

Fieldwork: *Periclimenes harringtoni* - Martinique April 2015, photo in situ Y. Buske, det. Y. Buske - Photo from Martinique matches well that in Human *et al.* (2013: 111), with white blotch obvious on claws.



Figure 92: *Periclimenes harringtoni*. Martinique, det. Y. Buske.
Photo Yan Buske.

Periclimenes iridescens Lebour, 1949

Distribution: ICA (Martinique, Tobago), IOV (Cubagua, Los Roques, Bonaire, Curaçao). 3-183 m. WA.

Literature: *Periclimenes iridescens* - Holthuis 1951: 43, Cubagua. - Chace 1972: 37, Cubagua. - Grajal & Laughlin 1984: 223, Los Roques. - Abele & Kim 1986: 16, Tobago, Cubagua. - Rodríguez 1986: tab. 2, Los Roques. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Criales 1980: 73, Bonaire, Curaçao.

Fieldwork: *Periclimenes iridescens* - Martinique, BIOSPHERES 2015, coll. R. Ferry, det. J. Poupin.

Periclimenes mclellandi Heard & Spotte, 1997

Distribution: IOV (Curaçao). 14-43 m. WA.

Literature: *Periclimenes mclellandi* - Horká *et al.* 2016: supplementary table S1, Curaçao.

Remark: Curaçao is perhaps the first record since the description from British West Indies (Turks and Caicos Islands).

Periclimenes meyeri Chace, 1969

Distribution: IOV (Curaçao). 24 m. Only IOV.

Literature: *Periclimenes meyeri* Chace, 1969: 255, Curaçao. - Chace 1972: 37, Curaçao.

Periclimenes pandionis Holthuis, 1951

Distribution: ICA (?Guadeloupe), IOV (Bonaire). 33-217 m ?extended to 208/385 m. WA.

Literature: *Periclimenes ?pandionis* - Poupin & Corbari 2016: 20, Guadeloupe [208/385 m].

Periclimenes pandionis - Olthof *et al.* 2018: 537, Bonaire [Curasub submersible].

Periclimenes patae Heard & Spotte, 1991

Distribution: IOV (Curaçao). 1-12 m. WA.

Literature: *Periclimenes patae* - Horká *et al.* 2016: supplementary table S1, Curaçao.

Periclimenes pauper Holthuis, 1951

Distribution: IOV (Cubagua, Curaçao). 3-35 m. WA.

Literature: *Periclimenes (Harpilius) pauper* Holthuis, 1951: 50, Cubagua.

Periclimenes pauper - Chace 1972: 38, Cubagua. - Criales 1980: 74, Curaçao. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Periclimenes perryae Chace, 1942

Distribution: ICA (St Martin, St Eustatius, Martinique), IOV (Curaçao). 1-10 m. WA.

Literature: *Periclimenes perryae* - Faasse 2016: 52, St Eustatius. - Horká *et al.* 2016: supplementary table S1, Curaçao. - Fransen 2018: WebPages, Curaçao.

Fieldworks: *Periclimenes perryae* - Saint-Martin 2012, UF32560, photo 4359, det. probably A. Anker. - Martinique 2014, photo in situ Y. Buske, det. Y. Buske/J. Poupin; BIOSPHERES 2015, coll. R. Ferry (photo n°19), det. J. Poupin.

Periclimenes rathbunae Schmitt, 1924

Distribution: VGI (St Thomas), ICA (St Martin, Antigua, Guadeloupe, St Lucia, Martinique, Tobago), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). 1-20 m. WA.

Literature: *Periclimenes rathbunae* Schmitt, 1924a: 70, Curaçao. - Schmitt 1936: 370, Bonaire. - Holthuis 1951: 58, Bonaire, Curaçao. - Chace 1972: 38, Antigua, Guadeloupe, St Lucia, Tobago, Bonaire, Curaçao. - Criales 1980: 74, Curaçao. - Grajal & Laughlin 1984: 223, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Brinkmann & Fransen 2016: 438, 446, Virgin Islands, Bonaire, Curaçao [Associated with anemones and also with scleractinian coral *Dendrogyra cylindrus* Ehrenberg, 1834]. - Horká *et al.* 2016: supplementary table S1, St Thomas. - Hoeksema & Fransen 2017: 607, Curaçao [in association with the lettuce slug, *Elysia crispata*].

Fieldworks: *Periclimenes rathbunae* - Saint-Martin, RNN Inventory 2012, UF31944, photo Dstm_1388, 12/4/2012; UF32505, photo Dstm_7254, 24/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. X. Li, st. GM 17, 15 May 2012, 16° 28.32' N, 61° 30.88' W, 1 m, MNHN-IU- 2014-12034; st. GM 22, 18 May 2012, 16° 14.95' N, 61° 10.83' W, 1 m, MNHN-IU-2014-12042. - Martinique, photo in situ Y. Buske, associated with sea anemone, det. Y. Buske/J. Poupin; BIOSPHERES 2015, photo, coll. & det. R. Ferry.

Periclimenes yucatanicus (Ives, 1891)

Distribution: VGI (St Thomas, St John, Virgin Gorda), ICA (St Martin, St Barthélemy, St Eustatius, Barbuda, Antigua, Guadeloupe, Martinique), IOV (Margarita, Cubagua, Los Roques, Curaçao). 3-24 m. WA.

Literature: *Periclimenes yucatanicus* - Chace 1972: 38, St John (Peter Island), Virgin Gorda, Barbuda, Antigua. - Rodríguez 1980: 89, Cubagua. - Rodríguez 1986: tab. 2, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 13, St Barthélemy. - Brinkmann & Fransen 2016: 438, Curaçao. - Faasse 2016: 52, St Eustatius. - Horká *et al.* 2016: supplementary table S1, St Thomas. - DORIS 2018: WebPages, Guadeloupe (Saintes), Martinique. - Fransen 2018: WebPages, Curaçao.

Fieldworks: *Periclimenes yucatanicus* - Saint-Martin, RNN Inventory 2012, UF32252, photo Dstm_5981, 18/4/2012; UF32251, photo Dstm_6044, 18/4/2012; *P. ?yucatanicus* UF32295, photo Dstm_6378, 19/4/2012. - Martinique, photo in situ, juvenile, adult, det. Y. Buske; BIOSPHERES 2015, coll. R. Ferry (photo n°4), det. J. Poupin.

***Pontonia manningi* Fransen, 2000**

Distribution: ICA (Guadeloupe), IOV (Margarita, Bonaire, Curaçao). 1-60 m. WA.

Literature: *Pontonia manningi* Fransen, 2000: 101, Margarita, Bonaire. - Fransen 2018: WebPages, Curaçao.

Fieldwork: *Pontonia manningi* - Guadeloupe, KARUBENTHOS 2012, det. X. Li, st. GD42, 19 May 2012, 16° 21.12' N, 61° 32.33' W, 3 m, MNHN-IU-2013-18034.

***Pontonia mexicana* Guérin-Méneville, 1855 [in Guérin-Méneville, 1855-1856]**

Distribution: VGI (St John, Tortola), ICA (Anguilla, Guadeloupe, Martinique, St Lucia, Tobago), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). 1-10 m. WA.

Literature: *Pontonia grayi* Rathbun - Schmitt 1924a: 72, Curaçao - *P. grayi* Rathbun, 1901 accepted as *P. mexicana* in WoRMS (2018).

Pontonia mexicana - Holthuis 1951: 130, Tobago, Bonaire, Curaçao. - Chace 1972: 39, St Lucia. - Rodríguez 1980: 95, Los Roques. - Carvacho 1982: 17, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Fransen 2002: 132, St John, Tortola (Beef Island), Anguilla, Martinique, St Lucia, Tobago, Los Roques (Dos Mosquises Island), Bonaire, Curaçao. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Pontonia mexicana* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, st. GR14, 09 May 2012, 16° 03.25' N, 61° 46.17' W, 27 m, photos. - Martinique 2014, photo in situ Y. Buske, det. J. Poupin.

***Pseudocoutierea antillensis* Chace, 1972**

Distribution: ICA (Saba), IOV (Los Roques, Curaçao). 3-13 m. Only/ICA/IOV.

Literature: *Pseudocoutierea antillensis* Chace, 1972: 43, Saba Bank [13 m]. - Rodríguez 1986: tab. 2, Los Roques. - Criales 1980: 72, Curaçao. - Fransen 2018: WebPages, Curaçao. - Olthof *et al.* 2018: 538, Curaçao.

***Pseudocoutierea acutidorsata* Olthof, Becking & Fransen, 2018**

Distribution: IOV (Bonaire). 138 m. Only/IOV.

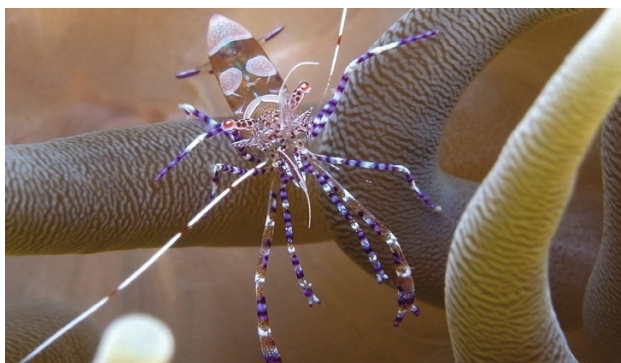


Figure 94: *Periclimenes yucatanicus*. Martinique. Photo Yan Buske

Literature: *Pseudocoutierea acutidorsata* Olthof, Becking & Fransen, 2018: 538, Bonaire [Curasub submersible].

***Pseudopontonides plumosus* Snijders & Fransen, 2010**

Distribution: IOV (Curaçao). 1-29 m. Only/IOV.

Literature: *Pseudopontonides plumosus* Snijders & Fransen, 2010: 7, Curaçao.

***Pseudopontonides principis* (Criales, 1980)**

Distribution: ICA (Martinique), IOV (Bonaire, Curaçao). 5-29 m. WA.

Literature: *Neopontonides principis* Criales, 1980: 75, Bonaire, Curaçao.

Pseudopontonides principis - Snijders & Fransen 2010: 7, Bonaire, Curaçao. - Fransen 2018: WebPages, Curaçao.

Fieldwork: *Pseudopontonides principis* - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

***Rapipontonia platalea* (Holthuis, 1951)**

Distribution: ICA (Tobago). 1-15 m. ATL.

Literature: *Periclimenes platalea* - Hale & De Grave 2007: 1019, Tobago.

***Tuleariocaris neglecta* Chace, 1969**

Distribution: ICA (Dominica, Martinique, Barbados), IOV (Curaçao). 1-10 m. ATL

Literature: *Tuleariocaris neglecta* Chace, 1969: 266, Dominica, Barbados, Curaçao. - Chace 1972: 46, Dominica, Barbados, Curaçao.

Fieldwork: *Tuleariocaris neglecta* - Martinique, BIOSPHERES 2015, coll. R. Ferry (photo n°69), det. J. Poupin, based on color pattern as indicated in Chace (1969: 269) 'entirely dark purplish black, sometimes with a white line over the lateral parts of the body. This line extends from the basal part of the scaphocerite to the end of the fifth abdominal somite'; also *T. ?neglecta*, photo in situ, Y. Buske, 2014, specimen with an atypical white dorsal line.

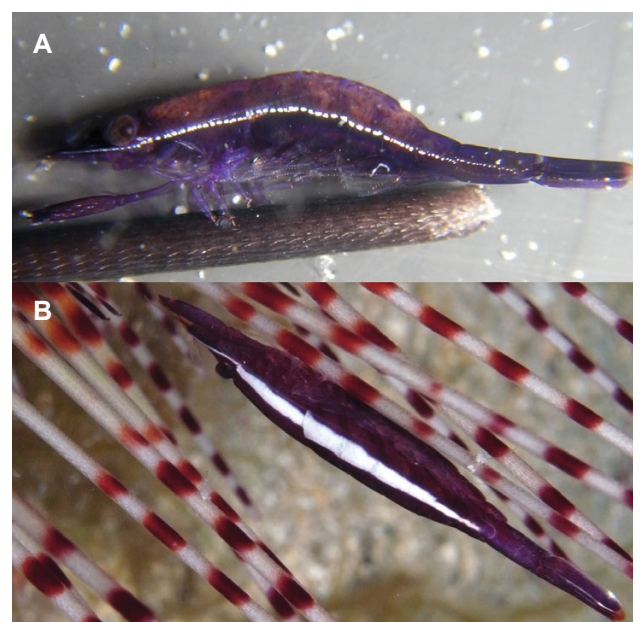


Figure 93: *Tuleariocaris neglecta*. A: Martinique, det. J. Poupin from photo only. Photo Romain Ferry. B: *Tuleariocaris ?neglecta*. Martinique, det. J. Poupin (atypical white dorsal line). Photo Yan Buske.

Remark: This shrimp is found in association with diadematid sea urchins *Diadema antillarum* Philippi, 1845 and *Astropyga magnifica* A.H. Clark, 1934 (see Castro 1974).

Typton carneus Holthuis, 1951

Distribution: ICA (Saba, Antigua, Tobago). 1-73 m. WA.

Literature: *Typton carneus* - Chace 1972: 46, Saba, Antigua, Tobago.

Typton tortugae McClendon, 1911

Distribution: VGI (Virgin Gorda). 1-45 m. WA.

Literature: *Typton tortugae* - Chace 1972: 52, Virgin Gorda. - Westinga & Hoetjes 1981: 142, tab. 2, Curaçao [Associated with sponges, 45 m].

Urocaris longicaudata Stimpson, 1860

Distribution: VGI (Virgin Gorda), ICA (St Martin, Guadeloupe, Tobago, Trinidad). 1-27 m. WA.

Literature: *Periclimenes longicaudatus* - Holthuis 1951: 26, Trinidad. - Chace 1972: 37, Virgin Gorda, Tobago. - Carvacho 1979: 453, Guadeloupe.

Fieldwork: *Urocaris longicaudata* - Saint-Martin, RNN Inventory 24/04/2012, UF32507, photo Dstm_7274.

Superfamily Alpheoidea Rafinesque, 1815

Family Alpheidae Rafinesque, 1815

Alpheopsis chalciope De Man, 1910 sensu lato

Distribution: ICA (St Martin, Guadeloupe). 3-25 m to 130 m. IWP-WA (?Invasive).

Literature: *Alpheopsis chalciope* sensu lato - Anker *et al.* 2016: 12, St Martin [From Saint-Martin, RNN Inventory 2012, UF32482, photo Dstm_7268, 24/4/2012].

Fieldwork: *Alpheopsis chalciope* sensu lato - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12071, st. GM 10, 1 m; MNHN-IU-2013-12144, st. GB17, 13 m; MNHN-IU-2013-12177, st. GS06, 23 m; MNHN-IU-2013-12180, st. GS21, 14 m; MNHN-IU-2013-12264, st. GS16, 25 m.

Remark: *Alpheopsis chalciope* sensu lato has a 'disjunct' distribution in IWP and WA (see Anker *et al.* 2016).

Alpheopsis labis Chace, 1972

Distribution: ICA (St Martin, Antigua, ?Guadeloupe). 0-40 m. WA.

Literature: *Alpheopsis labis* Chace, 1972: 55, Antigua.

Alpheopsis labis - Anker *et al.* 2016: 10, St Martin, Antigua [St Martin from RNN Inventory 2012].

Fieldwork: *Alpheopsis* cf. *labis* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12070, st. GM 10, 1 m; MNHN-IU-2013-12132, st. GB23, 16 m.

Alpheopsis trigona (Rathbun, 1901)

Distribution: VGI (St John), ICA (Barbuda, Guadeloupe, Barbados), IOV (?Los Roques, Curaçao). 0-35 m. WA.

Literature: *Jousseamea trigona* - Schmitt 1924a: 68, Curaçao. - Schmitt 1924b: 81, Barbados. - Schmitt 1935: 140, Barbados.

Alpheopsis trigonus - Chace 1972: 56, St John (Peter Is.), Barbuda. - Anker 2001: 163, Guadeloupe.

Alpheopsis aff. *trigonus* - Anker 2001: 163, Guadeloupe, Los Roques [distinct from *A. trigonus* by the absence of the posterior lateral ridges on the carapace].

Fieldwork: *Alpheopsis trigona* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12143, st. GD20, 35 m; MNHN-IU-2013-12150, st. GD20, 35 m.

Alpheus amarillo Anker, 2012

Distribution: VGI (Tortola), ICA (St Martin, Guadeloupe, St Vincent). 0-9 m. WA

Literature: *Alpheus amarillo* Anker, 2012: 42, Tortola (Guana), St Martin, St Vincent.

Fieldworks: *Alpheus amarillo* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF30329, photo Dstm_6319, 19/4/2012; UF30330, photo Dstm_1382, 12/4/2012; UF34574, photo Dstm_6106, 18/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12011, st. GM 34, 1 m; MNHN-IU-2013-12107, st. GB21, 8 m; MNHN-IU-2013-12152, st. GB17, 13 m (no MP1, *A. amarillo*?); MNHN-IU-2013-12161, st. GD52, 6 m.

Remark: A species of the *A. armillatus* complex (see Remark for *A. armillatus* and Anker 2012).

Alpheus amblyonyx Chace, 1972 sensu lato

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Dominica), IOV (Margarita, Los Roques). 0-24 m to ?145 m (see Anker *et al.* 2016). WA.

Literature: ?*Crangon macrocheles* - Schmitt 1935: 142, St Thomas - Not *A. macrocheles* (Hailstone, 1835), accepted as *A. amblyonyx* by Chace (1972: 59).

Alpheus amblyonyx Chace, 1972: 59, St Thomas, Dominica. - Rodríguez 1986: tab. 2, Los Roques. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldwork: *Alpheus amblyonyx* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32398, photo Dstm_6904, 22/4/2012; UF32400, photo Dstm_7078, 23/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12004, st. GB12, 14 m; MNHN-IU-2013-12026, st. GB20, 16 m; MNHN-IU-2013-12034, st. GB03, 22 m; MNHN-IU-2013-12075, st. GB19, 11 m; MNHN-IU-2013-12112, st. GS24, 16 m (cf. *amblyonyx*); MNHN-IU-2013-12121, st. GB26, 29 m; MNHN-IU-2013-12157,



Figure 95: *Alpheopsis trigona*. Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12150, st. GD20, 35 m. Photo Joseph Poupin/Laure Corbari.

st. GD67, 110 m; MNHN-IU-2013-12170, st. GD08, 35 m; MNHN-IU-2013-12191, st. GS04, 11 m.

Remark: See Anker *et al.* (2016) for systematic issues for *Alpheus amblyonyx* and *A. macrocheles* species complex.

Alpheus angulosus McClure, 2002

Distribution: VGI (Tortola), ICA (St Martin, Guadeloupe). 0-5 m. WA.

Literature: *Alpheus angulosus* - Anker 2012: 31, Tortola (Guana), St Martin, Guadeloupe.

Fieldworks: *Alpheus angulosus* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF30326, photo Dstm_5718, 16/4/2012; UF30327, photo Dstm_5822, 17/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12046, st. GM 03, 1 m; MNHN-IU-2013-12103, st. GM37, 2 m.

Remark: A species of the *A. armillatus* complex (see Remark for *A. armillatus* and Anker 2012).

Alpheus armatus Rathbun, 1901

Distribution: VGI (St Thomas, Tortola, Virgin Gorda), ICA (St Martin, St Eustatius, St Kitts, Antigua, Guadeloupe, Martinique, St Lucia, Tobago, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Curaçao). 0-10 m. WA.

Literature: *Crangon armatus* - Schmitt 1935: 142, St Thomas. - Schmitt 1936: 367, Curaçao.

Alpheus armatus - Chace 1956: 146, Los Roques. - Chace 1972: 62, Tortola, Virgin Gorda, St Kitts, Antigua, St Lucia, Tobago. - Rodríguez 1986: tab. 2, Los Roques. - Scelzo & Varela 1988: 36, Blanquilla. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Faasse 2016: 52, St Eustatius. - Anker *et al.* 2018: WebPages, Tobago, Trinidad.

Fieldworks: *Alpheus armatus* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32346, photo Dstm_6350, 19/4/2012; UF32488, photo Dstm_7629, 25/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12175, st. GS19, 8 m; det. J. Poupin, based on photo, st. GR01, 3 m (with hesitation, *A. roquensis* also possible). - Martinique 2014, photo in situ Y. Buske, Caye Grande Sèche, det. J. Poupin (based on yellow spots on chelipeds, with hesitation, *A. polystictus* also possible because a few



Figure 96: *Alpheus ?armatus*. Martinique, 2014, Caye Grande Seche, det. J. Poupin based on yellow spots on chelipeds; *A. polystictus* also possible because of white spots on larger cheliped. Photo Yan Buske.

white spots on larger cheliped); BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: A species of the *Alpheus armatus* species complex including five species (*A. armatus*, *A. immaculatus*, *A. polystictus*, *A. roquensis*, and *A. rudolph*); characters useful for recognition are in Almeida & Anker (2011). These are obligate associate of sea anemone (e.g. *Bartholomea annulata*).

Alpheus armillatus H. Milne Edwards, 1837 [in H. Milne Edwards, 1834-1840]

Distribution: VGI (Tortola, ?Virgin Gorda, St Thomas), ICA (St Martin, ?Anguilla, ?Barbuda, ?St Kitts, ?Antigua, Guadeloupe, Martinique, ?St Vincent, Barbados), IOV (Margarita, Cubagua, Tortuga, Los Roques, Curaçao, Aruba). 0-9 m. WA.

Literature: *Alpheus armillatus* H. Milne Edwards, 1837 (1834-1840): 354 'Antilles'. - Chace 1956: 147, Los Roques. - Chace 1972: 62 [part in Anker 2012: 8], Tortola (Guana), ?Virgin Gorda, ?Anguilla, ?Barbuda, ?St Kitts, ?Antigua, Guadeloupe, ?St Vincent (Grenadines). - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Anker 2012: 9, Tortola (Guana), St Martin, Barbados, Aruba [new type locality].

Crangon armillatus - Schmitt 1924a: 65, Curaçao. - Schmitt 1924b: 76, Barbados. - Schmitt 1935: 142, St Thomas. - Schmitt 1936: 368, Curaçao, Aruba.

Fieldworks: *Alpheus armillatus* - Saint-Martin, RNN Inventory 2012, UF30324, photo Dstm_4889, 13/4/2012; UF30325, photo Dstm_5907, 17/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12031, st. GB32, 4 m; MNHN-IU-2013-12030, st. GB32, 4 m; MNHN-IU-2013-12066, st. GM 17, 1 m (big specimen); MNHN-IU-2013-12109, st. GM 34, 1 m; MNHN-IU-2013-12123, st. GR38, 5 m; MNHN-IU-2013-12165, st. GR55, 19 m (poor condition).

Remark: The *Alpheus armillatus* complex is studied by Anker (2012) and all records of '*A. armillatus*' before this work should be verified. Included species of this complex listed in the present work are: *A. amarillo*, *A. angulosus*, *A. carlae*, *A. lancirostris*, *A. punctatus*, *A. verrilli* and *A. viridari*.

Alpheus bahamensis Rankin, 1898

Distribution: VGI (Tortola, Virgin Gorda), ICA (Anguilla, St Martin, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, St Lucia, St Vincent, Barbados, Grenada), IOV (Tortuga, Los Roques, Bonaire, Klein Bonaire, Curaçao, Aruba). 0-5 m. WA.

Literature: *Crangon bahamensis* - Schmitt 1924a: 65, Curaçao. - Schmitt 1924b: 77, Barbados. - Schmitt 1936: 368, Bonaire, Klein Bonaire, Curaçao, Aruba.

Alpheus bahamensis - Chace 1956: 147, Los Roques. - Chace 1972: 63, Tortola, Virgin Gorda, Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, St Lucia, St Vincent (Tobago Cays), Grenada (Carriacou). - Rodríguez 1980: 143, Tortuga. - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldworks: *Alpheus bahamensis* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF31851, photo Dstm_0209, 9/4/2012; UF32196, photo Dstm_5712, 16/4/2012; UF32201, photo Dstm_5784, 17/4/2012; UF32213, photo Dstm_5816, 17/4/2012. - Guadeloupe, KARUBENTHOS

2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12010, st. GM34, 1 m; MNHN-IU-2013-12035, st. GM22, 1 m; MNHN-IU-2013-12064, st. GM 17, 1 m; MNHN-IU-2013-12124, st. GM 02, 1 m; MNHN-IU-2013-12163, st. GM 14, 1 m; MNHN-IU-2013-12185, st. GB35, 2 m; MNHN-IU-2013-12188, st. GM 18, 1 m; MNHN-IU-2013-12242, st. GB35, 2 m.

Alpheus barbadensis (Schmitt, 1924)

Distribution: ICA (Barbados). 0-5 m. Only/ICA.

Literature: *Crangon barbadensis* Schmitt, 1924b: 70, Barbados.

Alpheus barbadensis - Chace 1972: 63, Barbados. - Anker 2001: 171, Barbados.

Alpheus bouvieri A. Milne-Edwards, 1878

Distribution: ICA (Antigua, Guadeloupe, St Vincent, Grenada, Barbados, Tobago, Trinidad), IOV (Cubagua, Aruba). 0-2 m. ATL.

Literature: *Alpheus bouvieri* - Chace 1972: 63, Antigua, Guadeloupe, St Vincent (Tobago Cays), Grenada, Tobago. - Anker 2001: 174, Barbados, Trinidad, Aruba. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldwork: *Alpheus bouvieri* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12033, st. GM 22, 1 m; MNHN-IU-2013-12108, st. GM 27, 1 m.

Alpheus buckupi Almeida, Terossi, Araújo-Silva & Mantelatto, 2013

Distribution: Lesser Antilles, ICA (Guadeloupe). 0-1 m. ATL

Literature: *Alpheus buckupi* - Pachelte *et al.* 2016: 8, Guadeloupe.



Figure 97: *Alpheus buckupi*. Guadeloupe, KARUBENTHOS 2012, det. A. Anker, st. GM03 (1 m) (MNHN-IU-2013-12059). Photo Joseph Poupin/Laure Corbari.

Alpheus carlae Anker, 2012

Distribution: ICA (St Martin), IOV (Margarita). 0-3 m. WA.

Literature: *Alpheus carlae* Anker, 2012: 61, St Martin, Margarita.

Fieldwork: *Alpheus carlae* - Saint-Martin, RNN Inventory 2012, UF30331, photo Dstm_5387, 15/4/2012.

Remark: A species of the *A. armillatus* complex (see Remark for *A. armillatus* and Anker 2012).

Alpheus chacei Carvacho, 1979

Distribution: ICA (Guadeloupe). 0-5 m. WA.

Literature: *Alpheus chacei* Carvacho, 1979: 455, Guadeloupe.

Alpheus christofferseni Anker, Hurt & Knowlton, 2007

Distribution: ICA (St Martin). 0-3 m. WA.

Fieldwork: *Alpheus christofferseni* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32051, photo Dstm_4974, 13/4/2012; UF32078, photo Dstm_5134, 14/4/2012.

Remark: St Martin is an extension range for this species, previously reported only from two localities in WA, Atol das Rocas off Brazil and the Caribbean side of Panama (see Anker *et al.* 2007).



Figure 98: *Alpheus cristulifrons*. Guadeloupe, KARUBENTHOS 2012, st. GM 12 (3 m), MNHN-IU-2013-12192, det. A. Anker. Photo Joseph Poupin/Laure Corbari.

Alpheus cristulifrons Rathbun, 1900

Distribution: VGI (Tortola, Virgin Gorda), ICA (St Martin, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Martinique, Grenada, Barbados, Tobago), IOV (Margarita, Cubagua, Los Roques, Bonaire, Curaçao, Aruba). 0-15 m. WA.

Literature: *Crangon cristulifrons* - Schmitt 1924a: 65, Curaçao. - Schmitt 1924b: 73, Barbados. - Schmitt 1935: 143, Barbados, Curaçao. - Schmitt 1936: 368, Bonaire, Klein Bonaire, Aruba.

Alpheus cristulifrons - Chace 1956: 146, Los Roques. - Chace 1972: 64, Tortola (Guana), Virgin Gorda, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Grenada (Carriacou), Tobago. - Rodríguez 1980: 144, Los Roques. - Carvacho 1982: 18, Martinique. - Grajal & Laughlin 1984: 224, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Anker 2001: 181, Bonaire, Klein Bonaire, Curaçao, Aruba. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Anker *et al.* 2008b: 552, Tortola (Guana), Virgin Gorda, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Martinique, St Vincent (Grenadines), Grenada, Tobago, Bonaire (Klein Bonaire), Curaçao, Aruba.

Fieldworks: *Alpheus cristulifrons* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF31966, photo Dstm_2356, 11/4/2012; UF32212, photo Dstm_5811, 17/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12051, st. GB09, 6 m; MNHN-IU-2013-12120, st. GB26, 29 m; MNHN-IU-2013-12192, st. GM 12, 3 m (rotten specimen); MNHN-IU-2013-12069, st. GS12, 6 m.

Alpheus estuariensis Christoffersen, 1984

Distribution: ICA (Trinidad), IOV (Coche, Curaçao). 0-22 m. WA.

Literature: *Crangon heterochaelis* - Schmitt 1924a: 65, Curaçao - Not *A. heterochaelis* Say, 1818, accepted as *A. estuariensis* by Christoffersen (1984: 204).

Alpheus estuariensis Christoffersen, 1984: 191, Trinidad, Curaçao. - Vera-Caripe *et al.* 2013: 13, Coche.



Figure 99: *Alpheus floridanus*. Guadeloupe, KARUBENTHOS 2012, st. GD16 (10 m), MNHN-IU-2013-12061, det. A. Anker. Photo Joseph Poupin/Laure Corbari.

Alpheus floridanus Kingsley, 1878

Distribution: ICA (St Martin, Guadeloupe, Tobago, Trinidad), IOV (Los Roques, Bonaire, Curaçao). 0-55 m, extended herein to 80 m (KARUBENTHOS 2012, st. GD34). WA.

Literature: *Crangon floridanus* - Schmitt 1924a: 65, Curaçao. - Schmitt 1935: 144, Curaçao. - Schmitt 1936: 368, Bonaire.

Alpheus floridanus - Chace 1972: 65, Guadeloupe [part]. - Carvacho 1979: 454, Guadeloupe. - Rodríguez 1986: tab. 2, Los Roques. - Bracken-Grissom & Felder 2014: 453, Guadeloupe. - OGATT 2018: webpage, Tobago, Trinidad.

Fieldworks: *Alpheus floridanus* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32001, photo Dstm_4873, 13/4/2012; UF32004, photo Dstm_4891, 13/4/2012; UF32081, photo Dstm_5157, 14/4/2012; UF32082, photo Dstm_5161, 14/4/2012; UF32084, photo Dstm_5168, 14/4/2012; UF32278, photo Dstm_6202, 19/4/2012; UF32278, photo Dstm_6213, 19/4/2012; UF32382, photo Dstm_6812, 21/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014: MNHN-IU-2013-12007, st. GD39, 1 m; MNHN-IU-2013-12013, st. GD16, 10 m; MNHN-IU-2013-12015, st. GD43, 4 m; MNHN-IU-2013-12016, st. GS23, 7 m; MNHN-IU-2013-12020, st. GD08, 35 m; MNHN-IU-2013-12022, st. GD46, 10m; MNHN-IU-2013-12047, st. GD49, 3 m; MNHN-IU-2013-12055, st. GS21, 14 m; MNHN-IU-2013-12061, st. GD16, 10 m; MNHN-IU-2013-12067, st. GD17, 30 m; MNHN-IU-2013-12078, st. GD08, 35 m; MNHN-IU-2013-12098, st. GD08, 35 m; MNHN-IU-2013-12099, st. GS30, 2 m; MNHN-IU-2013-12104, st. GD16, 10 m; MNHN-IU-2013-12122, st. GD53, 4 m; MNHN-IU-2013-12169, st. GD34, 80 m; MNHN-IU-2013-12187, st. GS20, 19 m; MNHN-IU-2013-14359, st. GD17, 30 m; MNHN-IU-2013-16017, st. GS33, 14 m.

Remark: *Alpheus floridanus* is a species complex revised by Bracken-Grissom & Felder (2014), including 4 species in WA, *A. floridanus*, *A. platycheirus*, *A. roblei* and *A. ulalae*, all present in the Lesser Antilles.

Alpheus formosus Gibbes, 1850

Distribution: VGI (St John, Tortola, Virgin Gorda), ICA (St Martin, Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Grenada, Tobago, Barbados), IOV (Coche, Margarita, Los Roques, Bonaire, Curaçao, Aruba). 0-42 m. WA.

Literature: *Crangon formosus* - Schmitt 1924a: 65, Curaçao. - Schmitt 1924b: 73, Barbados. - Schmitt 1935: 144, St John. - Schmitt 1936: 368, Curaçao, Aruba.

Alpheus formosus - Chace 1956: 146, Los Roques. - Chace 1972: 67, Tortola (Guana), Virgin Gorda, Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, St Lucia, St Vincent (Tobago Cays), Grenada (Carriacou), Tobago. - Rodríguez 1980: 146, Coche,

Margarita. - Carvacho 1982: 18, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Anker 2001: 193, Guadeloupe, Bonaire, Curaçao, Aruba. - Carré 2005: 23, Martinique. - Vera-Caripe *et al.* 2013: 12, Coche.

Fieldworks: *Alpheus formosus* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32049, photo Dstm_4956, 13/4/2012; UF32087, photo Dstm_5177, 14/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12001, st. GR30, 18 m; MNHN-IU-2013-12012, st. GM34, 1 m; MNHN-IU-2013-12032, st. GM06, 1 m.

Alpheus heterochaelis Say, 1818

Distribution: ICA (Guadeloupe), IOV (Margarita, Bonaire, Curaçao, Aruba). 0-30 m. WA.

Literature: *Crangon heterochaelis* - Schmitt 1936: 368, Bonaire, Aruba.

Alpheus heterochaelis - Chace 1972: 68, Curaçao ['I have seen only two lots from the West Indies, one from Cuba and one from Curaçao, that could be assigned to *A. heterochaelis* with confidence']. - Carvacho 1979: 454, Guadeloupe. - Rodríguez 1980: 146, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita.

Alpheus hortensis Wicksten & McClure, 2003

Distribution: IOV (?Los Roques), ICA (Guadeloupe). 21-72 m. WA.

Literature: *Alpheus* sp. - Rodríguez 1986: 163, Los Roques - Accepted as *Alpheus hortensis* in Wicksten & McClure (2003: 27), but see Remark.

Fieldwork: *Alpheus hortensis* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12074, st. GB19, 11 m, (*Alpheus ?hortensis*); MNHN-IU-2013-16128, st. GB23, 16 m; MNHN-IU-2013-12024, st. GB31, 15 m.

Remark: Anker *et al.* (2016: 19) indicate that Rodríguez's record from Los Roques 'may well correspond to *A. crockeri* and not *A. hortensis* as suggested by Wicksten & McClure (2003); therefore, the Western Atlantic range of *A. crockeri* may well extend into the Caribbean Sea'.

Alpheus immaculatus Knowlton & Keller, 1983

Distribution: IOV (Los Roques). 2-25 m. WA.

Literature: *Alpheus immaculatus* - Knowlton & Keller 1985: 896, Los Roques [fig. 1A]. - Rodríguez 1986: tab. 2, Los Roques.

Remark: A species of the *Alpheus armatus* species complex (see Remark for that species).



Figure 100: *Alpheus formosus*. Guadeloupe, KARUBENTHOS 2012, st. GM06 (1 m), MNHN-IU-2013-12032, det. A. Anker. Photo Joseph Poupin/Laure Corbari.

Alpheus intrinsicus Spence Bate, 1888

Distribution: ICA (Martinique, Tobago). 0-30 m. ATL.

Literature: *Alpheus intrinsicus* - Chace 1972: 68, Tobago. - Carvacho 1982: 18, Martinique.

Alpheus lancirostris Rankin, 1900

Distribution: IOV (Cubagua). 0-2 m. WA.

Literature: *Alpheus lancirostris* - Anker 2012: 18, Cubagua.

Remark: A species of the *A. armillatus* complex (see Remark for *A. armillatus* and Anker 2012).

Alpheus longichaelis Carvacho, 1979

Distribution: ICA (Guadeloupe). 0-1 m. Only/ICA.

Literature: *Alpheus longichaelis* Carvacho, 1979: 459, Guadeloupe.

Alpheus malleator Dana, 1852

Distribution: ICA (Barbados, Tobago, Trinidad), IOV (Bonaire, Curaçao). 0-5 m. ATL.

Literature: *Crangon malleator* - Schmitt 1924a: 64, Curaçao. - Schmitt 1936: 367, Bonaire.

Alpheus malleator - Lira 2004: tab. 1, Tortuga. - Anker & Pachelte 2013: 415, Barbados, Tobago, Trinidad.

Alpheus nuttingi (Schmitt, 1924)

Distribution: ICA (Barbuda, Guadeloupe, St Lucia, St Vincent, Barbados), IOV (Coche, Cubagua, Aruba). 0-5 m. WA.

Literature: *Crangon nuttingi* Schmitt, 1924b: 78, Barbados. - Schmitt 1936: 368, Aruba [*Crangon* var. *nuttingi*]

Alpheus nuttingi - Chace 1972: 68, Barbuda, Guadeloupe, St Lucia, St Vincent (Grenadines), Barbados. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vera-Caripe *et al.* 2013: 14, Coche.

Alpheus packardii Kingsley, 1880 *sensu lato*

Distribution: VGI (St Thomas, Tortola), ICA (St Martin, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Martinique, St Vincent,

Barbados, Tobago), IOV (Coche, Margarita, Cubagua, Tortuga, Los Roques). 0-73 m. WA.

Literature: *Alpheus bermudensis* Bate, 1888: 547, St Thomas.

Crangon packardii - Schmitt 1924b: 79, Barbados. - Schmitt 1935: 144, Culebra, St Thomas.

Alpheus normanni - Chace 1972: 68, Tortola, Barbuda, St Kitts, Antigua, Dominica, St Vincent (Grenadines), Tobago. - Carvacho 1982: 19, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - All tentatively attributed herein to *A. packardii* geminate species of *A. normanni* Kingsley, 1878 in the WA. *Alpheus normanni* is an EP species: see Anker (2001: 213, 217) and Felder *et al.* (2009, note 57).

Alpheus packardii - Vera-Caripe *et al.* 2013: 15, Coche.

Alpheus beanii - Hernández-Ávila *et al.* 2012: tab. 1, Cubagua - See Remark.

Fieldworks: *Alpheus packardii* *sensu lato* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF31909, photo Dstm_0940, 11/4/2012; UF32072, photo Dstm_5119, 14/4/2012; UF32077, photo Dstm_5131, 14/4/2012; UF32093, photo Dstm_5230, 14/4/2012; UF32110, photo Dstm_5379, 15/4/2012; UF32120, photo Dstm_5445, 15/4/2012; UF32378, photo Dstm_6772, 20/4/2012 (Additional lots attributed to *A. beanii*). - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12006, st. GD39, 1 m; MNHN-IU-2013-12014, st. GD17, 30 m; MNHN-IU-2013-12023, st. GD08, 35 m; MNHN-IU-2013-12048, st. GD49, 3 m; MNHN-IU-2013-12057, st. GD16, 10 m; MNHN-IU-2013-12058, st. GD17, 30 m; MNHN-IU-2013-12100, st. GS30, 2 m; MNHN-IU-2013-12101, st. GD17, 30 m; MNHN-IU-2013-16012, st. GB08, 17 m (Additional lots attributed to *A. packardii beanii*). - Martinique, BIOSPHERES 2015, coll. R. Ferry (photo n°98), det. J. Poupin.

Remark: In Anker *et al.* (2016), *Alpheus packardii* is part of a larger species complex that is currently being revised by Elias, Scioli & Anker (in preparation) (com. pers. A. Anker 2018).

Alpheus paracrinitus Miers, 1881 *sensu lato*

Distribution: VGI (Tortola, Virgin Gorda), ICA (St Martin, Anguilla, Barbuda, Antigua, Guadeloupe, St Vincent, Tobago), IOV (Los Roques). 0-22 m. ATL.

Literature: *Alpheus paracrinitus* - Chace 1972: 69, Tortola, Guana, Virgin Gorda, Anguilla, Barbuda, Antigua, St Vincent (Grenadines), Tobago. - Carvacho 1979: 453, Guadeloupe. - Rodríguez 1986: tab. 2, Los Roques. - Rios 1992: 6, Guadeloupe.

Fieldworks: *Alpheus paracrinitus* *sensu lato* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF31965, photo Dstm_2354, 11/4/2012; UF32218, photo Dstm_5826, 17/4/2012; UF32484, photo Dstm_7239, 24/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014 [with mention that this species is in revision], MNHN-IU-2013-12065, st. GM 17, 1 m; MNHN-IU-2013-12145, st. GS26, 16 m; MNHN-IU-2013-12153, st. GB17, 13 m [no chelipeds, *A. cf. paracrinitus*]; MNHN-IU-2013-12159, st. GB09, 6 m; MNHN-IU-2013-12184, st. GB35, 2 m.

Remark: In Anker *et al.* (2016) *A. paracrinitus* is 'part of a large pantropical species complex, which is currently being revised by one of the authors (A. Anker, in study)'.



Figure 101: *Alpheus packardii* - Guadeloupe, KARUBENTHOS 2012, st. GD17 (30 m), MNHN-IU-2013-12101, det. A. Anker. Photo Joseph Poupin/Laure Corbari.

Alpheus paraformosus Anker, Hurt & Knowlton, 2008

Distribution: ICA (St Martin). 0-10 m. WA.

Fieldwork: *Alpheus paraformosus* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32393, photo Dstm_6899, 22/4/2012.

Remark: Geographic range extended herein from Panama, Honduras, South Florida to Saint Marin.

Alpheus peasei (Armstrong, 1940)

Distribution: ICA (Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, St Lucia, Barbados, St Vincent, Tobago), IOV (Los Roques, Bonaire, Curaçao). 0-7 m, extended herein to 35 m (KARUBENTHOS, st. GD20), WA.

Literature: *Crangon candei* - Schmitt 1924a: 64, Curaçao. - Schmitt 1924b: 69, Barbados (Pelican Is), ?Antigua. - Schmitt 1936: 367, Curaçao, Bonaire - Not *Alpheus candei* Guérin-Méneville, 1856 (cf. Anker 2001: 177, 222).

Alpheus peasei - Chace 1956: 146, Los Roques. - Chace 1972: 69, Anguilla, Barbuda, St Kitts, Antigua, Dominica, St Lucia, St Vincent (Grenadines), Tobago. - Carvacho 1979: 453, Guadeloupe. - Rodríguez 1980: 149, Gran Roques, Los Roques. - Rodríguez 1986: tab. 2, Los Roques.

Fieldwork: *Alpheus peasei* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12050, st. GB09, 6 m; MNHN-IU-2013-12155, st. GD20, 35 m; MNHN-IU-2013-16126, st. GB31, 15 m; MNHN-IU-2013-16127, st. GD22, 16 m.

Alpheus platycheirus Boone, 1927

Distribution: ICA (Guadeloupe). 12-122 m. WA.

Literature: *Alpheus platycheirus* - Bracken-Grissom & Felder 2014: 475, Guadeloupe.

Remark: A species of the *Alpheus floridanus* species complex (see Remark for that species).

Alpheus polystictus Knowlton & Keller, 1985

Distribution: ICA (Guadeloupe, Martinique), IOV (Los Roques). 0-10 m. WA.



Figure 102: *Alpheus polystictus*. Martinique, 2014. White spots on chelipeds, det. from photo J. Poupin. Photo Yan Buske.

Literature: *Alpheus polystictus* - Rodríguez 1986: tab. 2, Los Roques. - Anker 2001: 223, Guadeloupe.

Fieldwork: *Alpheus polystictus* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12073, st. GB19, 11 m. - Martinique 2014, photo in situ Y. Buske, det. J. Poupin [presence of white spots on chelipeds].

Remark: A species of the *Alpheus armatus* species complex (see Remark for that species).

Alpheus punctatus Anker, 2012

Distribution: VGI (Tortola). 0-9 m. WA.

Literature: *Alpheus punctatus* Anker, 2012: 50, Tortola (Guana).

Remark: A species of the *A. armillatus* complex (see Remark for *A. armillatus* and Anker 2012).

Alpheus roblesi Bracken-Grissom & Felder, 2014

Distribution: ICA (Antigua, Guadeloupe). 0-42 m. ATL.

Literature: *Alpheus floridanus* - Chace 1972: 65, part, Antigua - In part (sp. from Antigua), not *A. floridanus* Kingsley, 1878, according to Bracken-Grissom & Felder (2014).

Alpheus roblesi Bracken-Grissom & Felder, 2014: 460, Antigua, Guadeloupe [Guadeloupe from KARUBENTHOS 2012, MNHN-IU-2013-12176, st. GS19, 8 m; MNHN-IU-2013-12174, st. GS12, 6 m; MNHN-IU-2013-16134, st. GS20, 19 m].

Fieldwork: ?*Alpheus* sp. *floridanus* complex - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014: MNHN-IU-2013-12076, st. GB19, 11 m; MNHN-IU-2013-12136, st. GM06, 1 m; MNHN-IU-2013-16018, st. GM10, 1 m.

Remark: A species of the *Alpheus floridanus* species complex (see Remark for that species).

Alpheus roquensis Knowlton & Keller, 1985

Distribution: IOV (Los Roques, ?Curaçao, ?Aruba). 0-9 m. Only IOV.

Literature: *Alpheus roquensis* Knowlton & Keller, 1985: 897, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Anker *et al.* 2018: webpage, 'probably' Curaçao, Aruba.

Remark: A species of the *Alpheus armatus* species complex (see Remark for that species).

Alpheus schmitti Chace, 1972

Distribution: ICA (Antigua, Guadeloupe, Grenada, Tobago), IOV (Cubagua). 0-2 m. WA.

Literature: *Alpheus schmitti* Chace, 1972: 70, Antigua, Grenada, Tobago. - Anker 2001: 230, Guadeloupe. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldwork: *Alpheus schmitti* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, MNHN-IU-2013-12137, st. GM22, 1 m.

Alpheus simus Guérin-Méneville, 1855 [in Guérin-Méneville, 1855-1856]

Distribution: VGI (Virgin Gorda), ICA (St Martin, Antigua, St Lucia, Barbados), IOV (Los Roques, Curaçao). 1-9 m. WA.

Literature: *Crangon rathbunae* Schmitt, 1924a: 74, Barbados. *Thunor rathbunae* (Schmitt) - Chace 1972: 104, Virgin Gorda, Antigua, St Lucia, Barbados - *Crangon rathbunae* Schmitt, 1924 accepted as *A. simus* in WoRMS (2018).

Alpheus simus - Holthuis 1980: 54, Curaçao. - Grajal & Laughlin 1984: 224, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Anker 2001: 231, Virgin Gorda, Antigua, St Lucia, Los Roques, Curaçao.

Fieldwork: *Alpheus simus* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF31987, photo Dstm_2486, 12/4/2012; UF31988, photo Dstm_2489, 12/4/2012; UF32350, photo Dstm_6431, 20/4/2012.

Alpheus aff. exilis W. Kim & Abele, 1988

Distribution: ICA (Guadeloupe). 258 m. ?Only/ICA.

Fieldwork: *Alpheus aff. exilis* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, st. GN20, 258 m, MNHN-IU-2013-12128.

Remark: *Alpheus exilis* W. Kim & Abele, 1988 is an EP species.



Figure 103: *Alpheus aff. exilis*. Guadeloupe, KARUBENTHOS 2012, det. A. Anker MNHN 2014, st. GN20 (258 m) (MNHN-IU-2013-12128). Photo Joseph Poupin/Laure Corbari.

Alpheus thomasi Hendrix & Gore, 1973

Distribution: IOV (Margarita). 0-2 m. WA.

Literature: *Alpheus thomasi* - Velásquez *et al.* 2008: 1, Margarita. WA.

Alpheus ulalae Bracken-Grissom & Felder, 2014

Distribution: ICA (Guadeloupe). 41-80 m. WA.

Literature: *Alpheus ulalae* Bracken-Grissom & Felder, 2014: 466, Guadeloupe [MNHN-IU-2013-12135, from KARUBENTHOS 2012, st. GD02, 80 m].

Remark: A species of the *Alpheus floridanus* species complex (see Remark for that species).

Alpheus vanderbilti Boone, 1930

Distribution: ICA (Barbados, St Vincent), IOV (Los Roques, Bonaire, Curaçao). 1-73 m. ATL.

Literature: *Crangon cylindricus* - Schmitt 1924b: 74, Barbados - Not *A. cylindricus* Kingsley, 1878, according to Anker *et al.* (2008c).

Alpheus cylindricus - Chace 1972: 65, St Vincent (Mustique, Tobago Cays), Barbados. - Westinga & Hoetjes 1981: 142, tab. 2, Bonaire, Curaçao [Associated with sponges]. - Rodríguez 1986: tab. 2, Los Roques - Not *A. cylindricus* Kingsley, 1878, according to Anker *et al.* (2008c).

Alpheus vanderbilti - Anker *et al.* 2008c: 60, St Vincent (Grenadines), Barbados, Los Roques.

Remark: This species is often found in male-female pairs in loggerhead sponges, *Spherospongia vesparium* (Lamarck, 1815). *Alpheus cylindricus* Kingsley, 1878 is an EP species.

Alpheus verrilli (Schmitt, 1924)

Distribution: ICA (Barbados). 0-4 m. WA.

Literature: *Crangon verrilli* Schmitt, 1924b: 77, Barbados.

Alpheus verrilli - Anker 2012: 22, Barbados.

Remark: A species of the *A. armillatus* complex (see Remark for *A. armillatus* and Anker 2012).

Alpheus viridari (Armstrong, 1949)

Distribution: VGI (Tortola), ICA (St Martin, Barbuda, Antigua, Guadeloupe, Tobago, Trinidad), IOV (Margarita, Cubagua, Los Roques, Curaçao). 0-3 m. WA.

Literature: *Alpheus viridari* - Chace 1972: 73, Tortola, Barbuda, Antigua, Guadeloupe, Tobago, Curaçao. - Carvacho 1979: 455, Guadeloupe. - Rodríguez 1986: tab. 2, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Felder *et al.* 2009: Trinidad, Curaçao. - Anker 2012: 85, Tortola, St Martin, Guadeloupe.

Fieldworks: *Alpheus viridari* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32118, photo Dstm_5435, 15/4/2012; UF30332, photo Dstm_5374, 15/4/2012; UF30333, photo Dstm_5369, 15/4/2012; UF30334, photo Dstm_4933, 13/4/2012; UF30335, photo Dstm_5141, 14/4/2012; UF30336, photo Dstm_5136, 14/4/2012. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12105, st. GM03, 1 m.

Remark: A species of the *A. armillatus* complex (see Remark for *A. armillatus* and Anker 2012).

Alpheus websteri Kingsley, 1880

Distribution: ICA (St Martin, Anguilla, Antigua, Guadeloupe, St Lucia, St Vincent, Barbados, Tobago), IOV (Margarita, Cubagua, Los Roques). 0-6 m. WA.

Literature: *Crangon nigrospinatus* (Rankin) - Schmitt 1924b: 71, Barbados - Accepted as *A. websteri* in WoRMS (2018).

Alpheus ridleyi - Chace 1972: 69, Anguilla, Antigua, St Lucia, St Vincent (Grenadines), Tobago. - Grajal & Laughlin 1984: 224, Los Roques. - Anker 2001: 240, Los Roques. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua - *Alpheus ridleyi* Pocock, 1890 accepted as *A. websteri* in WoRMS (2018).

Alpheus websteri - Anker *et al.* 2008a: 54, Guadeloupe [MNHN-Na 16241].

Fieldwork: *Alpheus websteri* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32203, photo Dstm_5806, 17/4/2012.

Alpheus zimmermani Anker, 2007

Distribution: VGI (Tortola). 1-11 m. Only/VGI.

Literature: *Alpheus zimmermani* Anker, 2007a: 241, Tortola (Guana).

Athanas dimorphus Ortmann, 1894

Distribution: ICA (Guadeloupe). 0-115 m. IWP. WA Invasive.

Fieldwork: *Athanas dimorphus* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker. MNHN-IU-2013-12267, st. GM01, 1 m.

Remark: Invasive species in the Caribbean Sea (cf. Pachelle *et al.* 2011).

Automate dolichognatha De Man, 1888

Distribution: VGI (Virgin Gorda), ICA (St Martin, Antigua, Barbados), IOV (Los Roques). 0-100 m. Pantropical.

Literature: *Automate kingsleyi* Hay - Schmitt 1924b: 82, Barbados - Accepted as *Automate dolichognatha* in WoRMS (2018).

Automate gardineri - Chace 1972: 74, Virgin Gorda, Antigua, Barbados - Accepted as *Automate dolichognatha* in WoRMS (2018).

Automate dolichognatha - Rodríguez 1986: tab. 2, Los Roques.

Fieldwork: *Automate dolichognatha* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF31973, photo Dstm_2474, 12/4/2012; UF32405, photo Dstm_4132, 23/4/2012.

Automate evermanni Rathbun, 1901

Distribution: IOV (Cubagua). 1-250 m. ATL.

Literature: *Automate evermanni* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Automate rectifrons Chace, 1972

Distribution: ICA (?Antigua, Guadeloupe), IOV (Aruba). 1-15 m. WA.

Literature: *Automate rectifrons* Chace, 1972: 75, ?Antigua. - Felder *et al.* 2009: 1057, Aruba.

Fieldwork: *Automate rectifrons* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12117, st. GS01, 3 m.

Leptalpheus felderi Anker, Vera Caripe & Lira, 2006

Distribution: IOV (Margarita). 0.5-1 m. WA.

Literature: *Leptalpheus felderi* Anker, Vera Caripe & Lira, 2006: 688, Margarita.

Remark: Others potential *Leptalpheus* in IOV are:

Leptalpheus axianassae Dworschak & Coelho, 1999, always associated to *Axianassa australis*, the later being reported from Margarita; *Leptalpheus pereirai* Anker & Vera-Caripe, 2016, described in part from a Venezuelan specimen collected at Isla Chimana Grande (10.290833 -64.650278, coll. Vera-Caripe 2010), a few miles far from the Venezuelan coastline but not included herein in IOV.

Leslibetaeus caribbaeus Anker, 2011

Distribution: ICA (Tobago). 1 m. Only/ICA.

Literature: *Leslibetaeus caribbaeus* Anker, 2011a: 64, Tobago.

Metalpheus rostratipes (Pocock, 1890)

Distribution: ICA (St Martin, Antigua, St Lucia), IOV (Los Roques, Curaçao). 1-60 m. Pantropical.

Literature: *Crangon rostratipes* - Schmitt 1924a: 65, Curaçao. - Schmitt 1935: 145, Curaçao.

Metalpheus rostratipes - Chace 1972: 78, Antigua, St Lucia. - Rodríguez 1986: tab. 2, Los Roques.

Fieldwork: *Metalpheus rostratipes* - Saint-Martin, RNN Inventory 2012, det. A. Anker, UF32217, photo Dstm_5846, 17/4/2012.



Figure 104: *Automate dolichognatha*. Saint-Martin Island, 12/4/2012, UF31973, photo Dstm_2474, det. A. Anker. Photo Arthur Anker.

Parabetaeus hummelincki (Schmitt, 1936)

Distribution: ICA (St Vincent), IOV (Los Roques, Bonaire). 0-1 m. WA.

Literature: *Alpheopsis hummelincki* Schmitt, 1936: 364, Bonaire. *Neoalpheopsis* sp. - Rodríguez 1986: 176, Los Roques - Accepted as *Parabetaeus hummelincki* in Anker (2007b).

Parabetaeus hummelincki - Anker 2007b: 35, Bonaire, St Vincent.

Prionalpheus gomezi Martínez-Iglesias & Carvacho, 1991

Distribution: ICA (Guadeloupe). 1-5 m. WA.

Literature: *Prionalpheus gomezi* - Anker 2001: 270, Guadeloupe. - Anker & De Grave 2012: 3, Guadeloupe [MNHN-Na 15674].

Pseudalpheopsis guana Anker, 2007

Distribution: VGI (Tortola). 9 m. Only/VGI.

Literature: *Pseudalpheopsis guana* Anker, 2007c: 430, Tortola (Guana).

Salmoneus arubae (Schmitt, 1936)

Distribution: IOV (Aruba, ?Curaçao). 0-1 m. WA. Only/IOV.

Literature: *Jousseamea arubae* Schmitt, 1936: 366, Aruba.

Salmoneus arubae - Chace 1972: 79, Aruba. - Holthuis 1990: 109, Curaçao.

Not *Salmoneus arubae* - Anker 2001: 272, Guadeloupe - This new record from Guadeloupe (MNHN specimen) is not confirmed by Anker (2010: 203, tab. 1) and Anker com. pers. (02/2015, 'perhaps *Salmoneus ?carvachoi* instead').

Salmoneus carvachoi Anker, 2007

Distribution: ICA (Guadeloupe, Martinique), IOV (Margarita). 0-22 m. WA.

Literature: *Salmoneus ortmanni* - Carvacho 1979: 453, Guadeloupe - Not *Salmoneus ortmanni* (Rankin, 1898) according to Anker (2007).

Salmoneus carvachoi Anker, 2007b: 27, Guadeloupe. - Vera-Caripe *et al.* 2015: 348, Margarita. - Anker & Lazarus 2015b: 521, Martinique.

Remark: Sister species in EP is *Salmoneus malagensis* Anker & Lazarus, 2015b.

Salmoneus degravei Anker, 2010

Distribution: ICA (Tobago), IOV (Tortuga). 0-1 m. WA.

Literature: *Salmoneus degravei* Anker, 2010: 192, Tobago, Tortuga.

Salmoneus depressus Anker, 2011

Distribution: ICA (St Martin, Barbados), IOV (Margarita). 1-15 m. WA.

Literature: *Salmoneus depressus* Anker, 2011b: 44, Barbados, Margarita (Los Frailes). - Anker *et al.* 2013: 452, St Martin, Barbados.

Fieldwork: *Salmoneus depressus* - Saint-Martin, RNN Inventory 13/04/2012, det. A. Anker, UF31907, photo Dstm_1710.

Salmoneus ortmanni (Rankin, 1898)

Distribution: IOV (?Los Roques, Aruba). 0-4 m. WA.

Literature: *Salmoneus ortmanni* - Anker 2001: 273, ?Los Roques. - Anker 2007b: 23, Aruba.

Remark: *Salmoneus ortmanni* in Carvacho (1979: 453) from Guadeloupe is *S. carvachoi* Anker, 2007 instead (see that species).

Salmoneus teres Manning & Chace, 1990

Distribution: ICA (Guadeloupe). 1-2 m. WA.

Literature: *Salmoneus teres* - Anker 2007b: 32, Guadeloupe [MNHN-Na 13712].

Salmoneus wehrtmanni Anker, 2010

Distribution: ICA (Tobago). 0-1 m. WA.

Literature: *Salmoneus wehrtmanni* Anker, 2010: 193, Tobago.

Synalpheus ?africanus Crosnier & Forest, 1965

Distribution: Lesser Antilles, IOV (Aruba). 0-2 m. ATL.

Literature: *Synalpheus* cf. *africanus* - Anker *et al.* 2012: 9, Aruba [The eastern and western Atlantic material here assigned to *S.* cf. *africanus* likely contains more than one species].

Synalpheus agelas Pequegnat & Heard, 1979

Distribution: ICA (St Martin, Barbados), IOV (Los Roques, Curaçao). 2-25 m. WA.

Literature: *Synalpheus agelas* - Rodríguez 1986: tab. 2, Los Roques. - Hultgren *et al.* 2010: 226, Curaçao. - Hultgren *et al.* 2011: 4, Barbados.

Fieldwork: *Synalpheus agelas* - Saint-Martin, RNN Inventory 18/04/2012, det. A. Anker, UF32276, photo Dstm_6190.

Synalpheus anasimus Chace, 1972

Distribution: ICA (St Martin). 1-5 m. WA.

Literature: *Synalpheus anasimus* - Anker *et al.* 2012: 14, St Martin [Saint-Martin, RNN Inventory 12/04/2012, UF 31975, photo Dstm_2404].

Synalpheus androsi Coutière, 1909

Distribution: ICA (Barbados). 2-25 m. WA.

Literature: *Synalpheus androsi* - Hultgren *et al.* 2011: 5, Barbados.

Synalpheus antillensis Coutière, 1909

Distribution: VGI (St Thomas), ICA (St Martin, Tobago, Trinidad), IOV (Los Roques). 1-42 m (from Anker *et al.* 2016). WA.

Literature: *Synalpheus minus antillensis* Coutière, 1909: 46, St Thomas. - Schmitt 1935: 149, St Thomas. - Chace 1956: 148, Los Roques. *Synalpheus antillensis* - Anker *et al.* 2012: 16, St Martin [Saint-Martin, RNN Inventory 22/04/2012, UF32399, photo Dstm_6919]. - Hultgren *et al.* 2014: Trinidad & Tobago.



Figure 105: *Synalpheus antillensis*. Saint-Martin Island, 22/4/2012, UF32399, photo Dstm_6919, det. A. Anker. Photo Arthur Anker.

Synalpheus apioceros apioceros Coutière, 1909

Distribution: VGI (Anegada), ICA (Barbuda, Antigua, Guadeloupe, St Lucia, Grenada, Tobago), IOV (Margarita, Cubagua, Los Roques, Bonaire, Curaçao). 0-5 m. WA.

Literature: *Synalpheus apioceros* near *desterroensis* - Schmitt 1924a: 66, Curaçao.

Synalpheus apioceros - Schmitt 1935: 147, Curaçao. - Schmitt 1936: 369, Bonaire. - Chace 1972: 86, Anegada, Barbuda, Antigua, St Lucia, Grenada (Carriacou), Tobago. - Carvacho 1979: 463, Guadeloupe. - Grajal & Laughlin 1984: 224, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Synalpheus belizensis Anker & Tóth, 2008

Distribution: ICA (Barbados), IOV (Curaçao). 1-10 m. WA.

Literature: *Synalpheus belizensis* - Hultgren *et al.* 2010: 227, Curaçao. - Hultgren *et al.* 2011: 5, Barbados. - Hultgren *et al.* 2014: 126 (Supplementary data), Barbados, Curaçao.

Synalpheus bocas Anker & Tóth, 2008

Distribution: IOV (Curaçao). 2-25 m. WA.

Literature: *Synalpheus bocas* - Hultgren *et al.* 2010: 227, Curaçao.

Synalpheus bousfieldi Chace, 1972

Distribution: VGI (Virgin Gorda), ICA (Barbados), IOV (Curaçao). 1-5 m. WA.

Literature: *Synalpheus bousfieldi* Chace, 1972: Virgin Gorda [Part]. - Hultgren *et al.* 2010: 228, Curaçao. - Hultgren *et al.* 2011: 5, Barbados. - Anker *et al.* 2012: 24, Virgin Gorda (Type locality), Barbados.

Synalpheus brevicarpus (Herrick, 1891)

Distribution: VGI (St John, St Thomas), ICA (St Martin, Guadeloupe, Barbados, Tobago), IOV (Los Roques, Curaçao). 0-3 m. WA-EP.

Literature: *Synalpheus brevicarpus* - Schmitt 1924a: 67, Curaçao. - Schmitt 1924b: 80, Barbados. - Schmitt 1935: 147, Barbados, Curaçao. - Schmitt 1936: 369, Curaçao. - Chace 1956: 148, Los Roques. - Anker 2001: 278, St John, St Thomas, Tobago, Los Roques, Curaçao.

Synalpheus minus (Say) - Chace 1972: 95, part, Virgin Islands, Tobago - Not *Synalpheus minus* (Say, 1818) according to Anker (2001: 278).

Synalpheus brevicarpus guerini Coutière - Schmitt 1924a: 68, Curaçao. - Chace 1956: 148, Los Roques.

Fieldworks: *Synalpheus brevicarpus* - Saint-Martin, RNN Inventory 18/04/2012, det. A. Anker, as *Synalpheus guerini* (*S. guerini* currently accepted as *S. brevicarpus* in WoRMS 2018), UF32220, photo



Figure 106: *Synalpheus brevicarpus*. Guadeloupe, KARUBENTHOS 2012, det. A. Anker 2014, st. GM 11 (1 m), MNHN-IU-2013-12262. Photo Joseph Poupin/Laure Corbari.

Dstm_6025. - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12262, st. GM11, 1 m; MNHN-IU-2013-12097, st. GM11, 1 m.

Synalpheus brevifrons Chace, 1972

Distribution: ICA (Dominica). 0-5 m. WA.

Literature: *Synalpheus brevifrons* Chace, 1972: 89, Dominica.

Remark: This species is also in Belize (cf. Hultgren *et al.* 2014, supplementary data, CBC09-2704).

Synalpheus brooksi Coutière, 1909

Distribution: VGI (St Thomas), ICA (Antigua, St Vincent, Barbuda), IOV (Bonaire, Curaçao). 1-73 m. WA.

Literature: *Synalpheus brooksi* Coutière, 1909: 69, St Thomas, Curaçao. - Schmitt 1935: 148, St Thomas. - Chace 1972: 92, Antigua, St Vincent (Tobago Cays), Barbuda. - Rodríguez 1980: 159, Curaçao. - Westinga & Hoetjes 1981: 142, tab. 2, Bonaire, Curaçao [Associated with sponges]. - Anker *et al.* 2012: 27, VGI, Bonaire, Curaçao [in Distribution & Ecology].

Synalpheus carpenteri Macdonald & Duffy, 2006

Distribution: ICA (St Martin), IOV (Curaçao). 10-20 m. WA.

Literature: *Synalpheus carpenteri* - Hultgren *et al.* 2010: 229, Curaçao. - Anker *et al.* 2012: 31, St Martin [Saint-Martin, RNN Inventory 12/04/2012, UF31970, photo Dstm_2364].

Synalpheus chacei Duffy, 1998

Distribution: VGI (Virgin Gorda). 2-20 m. WA.

Literature: *Synalpheus bousfieldi* Chace, 1972: 86, Virgin Gorda - In part, not *Synalpheus bousfieldi* Chace, 1972, according to Anker (2001: 278).

Synalpheus chacei - Anker *et al.* 2012: 33, Virgin Gorda.

Synalpheus curacaoensis Schmitt, 1924

Distribution: IOV (Los Roques, Bonaire, Curaçao). 0-2 m. WA.

Literature: *Synalpheus curacaoensis* Schmitt, 1924a: 66, Curaçao. - Schmitt 1936: 369, Bonaire. - Chace 1972: 92, Bonaire, Curaçao. - Grajal & Laughlin 1984: 224, Los Roques.

Synalpheus dardeai (Ríos & Duffy, 2007)

Distribution: IOV (Curaçao). 2-25 m. WA.

Literature: *Synalpheus dardeai* - Hultgren *et al.* 2010: 229, Curaçao.

Synalpheus disparodigitus Armstrong, 1949

Distribution: ICA (Dominica, Grenada), IOV (Los Roques). 0-5 m. WA.

Literature: *Synalpheus disparodigitus* - Chace 1972: 92, Dominica, Grenada (Carriacou). - Rodríguez 1986: tab. 2, Los Roques. - Anker 2001: 281, Los Roques.

Synalpheus dominicensis Armstrong, 1949

Distribution: ICA (St Martin, Guadeloupe, Barbados), IOV (Curaçao, Aruba). 1-14 m. WA.

Literature: *Synalpheus dominicensis* - Anker *et al.* 2012: 38, St Martin, Barbados, Curaçao, Aruba [in part from Saint-Martin, RNN Inventory 2012, 18/04/2012, UF32274, photo Dstm_6140].

Fieldwork: *Synalpheus dominicensis* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12171, st. GB02, 11 m; MNHN-IU-2013-12168, st. GB12, 14 m; MNHN-IU-2013-12178, st. GS19, 8 m; MNHN-IU-2013-12127, st. GS27, 5 m.

Synalpheus duffyi Anker & Tóth, 2008

Distribution: ICA (Guadeloupe). 1-2 m, extended herein to 110 m (KARUBENTHOS 2012, st. GD28). WA.

Fieldwork: *Synalpheus duffyi* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12072, st. GD28, 110 m.



Figure 107: *Synalpheus duffyi*. Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12072, st. GD28, 110 m, in sponge. Photo Joseph Poupin/Laure Corbari.

Synalpheus fritzmülleri Coutière, 1909

Distribution: VGI (Tortola, Virgin Gorda, St John, St Thomas), ICA (Anguilla, St Martin, Barbuda, Antigua, Guadeloupe, Dominica, Martinique, St Lucia, Barbados, St Vincent, Grenada, Tobago), IOV (Margarita, Cubagua, Los Roques, Bonaire, Curaçao, Aruba). 1-51 m. WA.

Literature: *Synalpheus fritzmülleri* Coutière, 1909: 35, St Thomas. - Schmitt 1924a: 66, Curaçao. - Schmitt 1935: 148, St Thomas, Barbados. - Schmitt 1936: 369, Bonaire, Aruba. - Chace 1956: 147, Los Roques. - Chace 1972: 92, Tortola (Guana), Virgin Gorda, Anguilla, Barbuda, Antigua, Guadeloupe, St Lucia, St Vincent (Tobago Cays), Grenada (Carriacou), Tobago. - Carvacho 1979: 462, Guadeloupe, Martinique. - Rodríguez 1980: 15, Los Roques, Bonaire, Curaçao, Aruba. - Carvacho 1982: 19, Martinique. - Grajal & Laughlin 1984: 224, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Anker 2001: 282, St John, St Thomas, Dominica, Barbados, Los Roques, Bonaire, Curaçao, Aruba. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Anker *et al.* 2012: 43, St Martin [from Saint-Martin, RNN Inventory 2012, UF32348, photo Dstm_6414, 19/4/2012; UF32379, photo Dstm_6780, 20/4/2012; UF32513, photo Dstm_7326, 24/4/2012].

Synalpheus fritzmülleri elongatus - Schmitt 1924b: 79, Barbados - *Synalpheus fritzmülleri elongatus* Coutière, 1909 accepted as *S. fritzmülleri* in De Grave & Fransen (2011).

Fieldwork: *Synalpheus fritzmülleri* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12139, st. GD71, 3 m; MNHN-IU-2013-12129, st. GM06, 1 m; MNHN-IU-2013-16067, st. GM11, 1 m.

Synalpheus goodei Coutière, 1909

Distribution: ICA, (Dominica, Tobago), IOV (Blanquilla, Los Roques, Bonaire, Curaçao). 1-20 m. WA.

Literature: *Synalpheus goodei* - Schmitt 1924a: 68, Curaçao. - Chace 1972: 93, Dominica, Curaçao. - Westinga & Hoetjes 1981: 142, tab. 2, Bonaire, Curaçao [Associated with sponges]. - Rodríguez 1986: tab. 2, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - Hultgren *et al.* 2010: 230, Curaçao. - Anker *et al.* 2012: 46, Tobago [In distribution].

Synalpheus hemphilli Coutière, 1909

Distribution: ICA (Dominica), IOV (Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). 1-51 m. WA.

Literature: *Synalpheus hemphilli* - Schmitt 1924a: 66, Curaçao. - Chace 1956: 147, Los Roques. - Chace 1972: 93, Dominica, Curaçao, Los Roques [51 m]. - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Anker *et al.* 2012: 51, Bonaire [Photo of a female in situ, not collected, in a sponge *Callyspongia vaginalis*].

Synalpheus herricki Coutière, 1909

Distribution: ICA (St Martin, Barbados), IOV (Curaçao, Los Roques). 5-73 m. WA.

Literature: *Synalpheus herricki* - Rodríguez 1986: tab. 2, Los Roques. - Hultgren *et al.* 2010: 230, Curaçao. - Anker *et al.* 2012: 52, St Martin [From Saint-Martin, RNN Inventory 2012, UF32411, photo Dstm_4051, 23/4/2012; UF32406, photo Dstm_4145, 23/4/2012; UF32412, photo Dstm_6961, 22/4/2012]. - Hultgren *et al.* 2011: 6, Barbados, Curaçao. - Hultgren *et al.* 2014, Curaçao. *Synalpheus tanneri* - Rodríguez 1986: tab. 2, Los Roques - *Synalpheus tanneri* Coutière, 1909 accepted as *S. herricki* in WoRMS (2018). Not *Synalpheus herricki* - Schmitt 1924b: 81, Barbados = ?*Synalpheus mulegensis* Rios, 1992 according to Anker (2001: 284).

Synalpheus hoetjesi Hultgren, Macdonald, & Duffy 2010

Distribution: ICA (Barbados), IOV (Curaçao). 1-25 m. WA.

Literature: *Synalpheus hoetjesi* Hultgren, Macdonald, & Duffy 2010: 231, Barbados, Curaçao. - Hultgren *et al.* 2011: 6, Barbados, Curaçao.

Synalpheus idios (Ríos & Duffy, 2007)

Distribution: ICA (St Martin, Barbados), IOV (Curaçao). 1-15 m. WA.

Literature: *Synalpheus idios* - Hultgren *et al.* 2010: 240, Curaçao. - Hultgren *et al.* 2011: 6, Barbados. - Anker *et al.* 2012: 57, St Martin [From Saint-Martin, RNN Inventory 2012, UF32271].

Synalpheus kuadramanus Hultgren, Macdonald & Duffy, 2010

Distribution: IOV (Curaçao). 2-25 m. WA.

Literature: *Synalpheus kuadramanus* Hultgren, Macdonald & Duffy, 2010: 240, Curaçao.

Synalpheus longicarpus (Herrick, 1891)

Distribution: VGI (Virgin Gorda, St Thomas), ICA (St Lucia, Barbados, St Vincent, Tobago), IOV (Cubagua, Los Roques, Bonaire, Curaçao). 1-60 m. WA.

Literature: *Synalpheus longicarpus* - Coutière 1909: 58, Curaçao. - Schmitt 1924b: 80, Barbados. - Schmitt 1936: 369, Bonaire. - Chace

1956: 148, Los Roques. - Chace 1972: 93, Virgin Gorda, St Lucia, St Vincent (Mustique, Tobago Cays), Tobago. - Rodríguez 1986: tab. 2, Los Roques. - Anker 2001: 286, Curaçao, St Thomas, Barbados, Los Roques. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Synalpheus mcclendoni Coutière, 1910

Distribution: ICA (Guadeloupe, St Lucia, Barbados, St Vincent, Tobago), IOV (Cubagua, Los Roques, Curaçao). 1-23 m. WA.

Literature: *Synalpheus mcclendoni* - Schmitt 1924b: 81, Barbados. - Chace 1972: 95, St Lucia, St Vincent (Tobago Cays), Tobago. - Rodríguez 1986: tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Hultgren *et al.* 2010: 245, Curaçao. - Hultgren *et al.* 2011: 7, Barbados.

Fieldwork: *Synalpheus mcclendoni* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-16068, st. GB31, 15 m.

Synalpheus microneptunus Hultgren, MacDonald & Duffy, 2011

Distribution: ICA (Barbados). Depth range not known, ?1-10 m. WA.

Literature: *Synalpheus microneptunus* - Hultgren *et al.* 2011: 8, Barbados. - Hultgren *et al.* 2014: 126 (Supplementary Data), Barbados.

Synalpheus minus (Say, 1818)

Distribution: VGI (St Thomas, Tortola, Virgin Gorda), ICA (Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Martinique, St Lucia, Barbados, St Vincent, Tobago), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire). 1-85 m. WA.

Literature: *Alpheus minus* Say - Sharp 1893: 114, Martinique. *Synalpheus minus* - Schmitt 1924b: 80, Barbados. - Schmitt 1936: 369, Bonaire. - Chace 1956: 148, Los Roques. - Chace 1972: 95, Tortola (Guana), Virgin Gorda, Anguilla, Barbuda, St Kitts (St Christopher), Antigua, Guadeloupe, Dominica, St Lucia, St Vincent (Tobago Cays), Grenada (Carriacou), Tobago. - Carvacho 1979: 463, Guadeloupe. - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldwork: *Synalpheus minus* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12009, st. GD65, 20 m.

Synalpheus obtusifrons Chace, 1972

Distribution: ICA (Barbados), IOV (Los Roques, Curaçao, Aruba). 1-14 m. WA.

Literature: *Synalpheus obtusifrons* - Rodríguez 1986: tab. 2, Los Roques. - Anker *et al.* 2012: 61, Barbados, Curaçao, Aruba.

Synalpheus orapilosus Hultgren, Macdonald & Duffy, 2010

Distribution: IOV (Curaçao). 2-25 m. WA.

Literature: *Synalpheus orapilosus* Hultgren, Macdonald & Duffy, 2010: 245, Curaçao.

Synalpheus pandionis Coutière, 1909

Distribution: VGI (St Thomas, St John, Tortola, Virgin Gorda), ICA (Guadeloupe, Martinique, Barbados), IOV (Cubagua, Los Roques, Curaçao). 1-40 m. WA.

Literature: *Synalpheus pandionis* Coutière, 1909: 67, St Thomas. - Schmitt 1924a: 68, Curaçao. - Schmitt 1924b: 81, Barbados. - Schmitt

1935: 145, St Thomas. - Chace 1956: 149, Los Roques. - Chace 1972: 102, St Thomas, Tortola (Guana), Virgin Gorda. - Carvacho 1982: 19, Martinique. - Grajal & Laughlin 1984: 224, Los Roques. - Rodríguez 1986: 207, tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Hultgren *et al.* 2011: 12, Barbados. - Anker *et al.* 2012: 60, St Thomas, St John, Tortola (Guana), Virgin Gorda, Barbados, Curaçao [in distribution].

Fieldworks: *Synalpheus pandionis* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker, MNHN-IU-2013-12060, st. GR21, 27 m; MNHN-IU-2013-12003, st. GB06, 23 m; MNHN-IU-2013-12193, st. GS12, 6 m.

Synalpheus paraneptunus Coutière, 1909

Distribution: ?ICA (Guadeloupe, Dominica, Grenada), ?IOV (Bonaire). 1-77 m. WA.

Literature: *Synalpheus* sp. near *paraneptunus* - Schmitt 1936: 369, Bonaire.

Synalpheus paraneptunus - Chace 1972: 103, Guadeloupe, Dominica, Grenada (Carriacou).

Remark: This observation in Anker & Tóth (2008: 4, Distribution of *Synalpheus paraneptunus*): 'With certainty known only from the type locality in Colombia; all other records of *S. paraneptunus*, including the paratypes from Jamaica (Coutière 1909), and the subsequent records from the Caribbean, Florida and Gulf of Mexico (Schmitt 1935; Chace 1972; Dardeau 1984; Ríos & Duffy 2007) most probably refer to other species or involve multiple species (including perhaps *S. paraneptunus*), and therefore require confirmation'.

Synalpheus pectiniger Coutière, 1907

Distribution: VGI (St Thomas, Virgin Gorda), ICA (St Vincent), IOV (Bonaire, Curaçao). 1-52 m. WA.

Literature: *Synalpheus pectiniger* - Coutière 1909: 78, St Thomas, Curaçao. - Schmitt 1935: 151, St Thomas, Curaçao. - Chace 1972: 103, Virgin Gorda, St Vincent (Mustique), Curaçao. - Westinga & Hoetjes 1981: 142, tab. 2, Bonaire, Curaçao [Associated with sponges].

Synalpheus rathbunae Coutière, 1909

Distribution: VGI (St Thomas, Virgin Gorda), ICA (St Martin, Barbuda, Saba, Guadeloupe, Grenada). 10-55 m. WA.

Literature: *Synalpheus rathbunae* Coutière, 1909: 84, St Thomas. - Schmitt 1935: 151, St Thomas. - Monod 1939: 557, Guadeloupe. - Chace 1972: 103, St Thomas, Virgin Gorda, Barbuda, Saba, Grenada (Carriacou). - Anker *et al.* 2012: 64, St Martin [Saint-Martin, RNN Inventory 18/04/2012, UF32267, photo Dstm_6167; UF32268, photo Dstm_6170; UF32269, photo Dstm_6174].

Synalpheus riosi Anker & Tóth, 2008

Distribution: ICA (Dominica). 1-2 m. Only/ICA.

Literature: *Synalpheus riosi* Anker & Tóth, 2008: 11, Dominica.

Synalpheus sanctithomae Coutière, 1909

Distribution: VGI (St Thomas), ICA (Barbados), IOV (Los Roques, Bonaire, Curaçao). 1-20 m, to 105 m (in Anker *et al.* 2016). WA.

Literature: *Synalpheus sanctithomae* Coutière, 1909: 61, St Thomas. - Schmitt 1935: 151, St Thomas. - Chace 1972: 104, St Thomas. - Westinga & Hoetjes, 1981: 142, tab. 2, Bonaire, Curaçao [Associated with



Figure 108: *Synalpheus scaphoceris*. Saint-Martin Island, 24/4/2012. UF32514, photo Dstm_7331, det. A. Anker. Photo Arthur Anker.

sponges]. - Rodríguez 1986: tab. 2, Los Roques. - Hultgren *et al.* 2010: 251, Curaçao. - Hultgren *et al.* 2011: 13, Barbados.

Synalpheus scaphoceris Coutière, 1910

Distribution: ICA (St Martin), IOV (Los Roques, Curaçao, Aruba). 1-20 m. WA.

Literature: *Synalpheus townsendi scaphoceris* - Schmitt 1924a: 66, Curaçao. - Chace 1956: 147, Los Roques.

Synalpheus scaphoceris - Felder *et al.* 2009: Curaçao. - Anker *et al.* 2012: 68, St Martin [From Saint-Martin, RNN Inventory 24/04/2012, UF32514, photo Dstm_7331], Aruba.

Synalpheus thele MacDonald, Hultgren & Duffy, 2009

Distribution: ICA (Barbados). 1-10 m. WA.

Literature: *Synalpheus thele* - Hultgren *et al.* 2011: 13, Barbados. - Hultgren *et al.* 2014: 126, Supplementary Data, Barbados.

Synalpheus townsendi Coutière, 1909

Distribution: VGI (St Thomas, Tortola, Virgin Gorda), ICA (Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Martinique, Barbados, Grenada, Tobago), IOV (Margarita, Cubagua, Los Roques, Curaçao). 1-102 m. WA.

Literature: *Synalpheus townsendi* Coutière, 1909: 32, St Thomas. - Schmitt 1935: 151, St Thomas, Curaçao. - Chace 1956: 147, Los Roques. - Chace 1972: 104, Tortola (Guana), Virgin Gorda, Barbuda, St Kitts (St Christopher), Antigua, Dominica, Grenada (Carriacou), Tobago. - Carvacho 1982: 19, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Anker *et al.* 2012: 71, Barbados [in distribution].

Fieldwork: *Synalpheus townsendi* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker 2014, MNHN-IU-2013-12113, st. GN18 (corrected from GM 18), 40 m.

Synalpheus ul (Ríos & Duffy, 2007)

Distribution: ICA (?St Martin, Barbados), IOV (Curaçao). 1-3 m. WA.

Literature: *Synalpheus ul* - Hultgren *et al.* 2010: 252, Barbados, Curaçao. - Hultgren *et al.* 2011: 13, Barbados. - Hultgren *et al.* 2014: 126, Supplementary Data, Barbados.

Synalpheus ?ul - Anker *et al.* 2012: 72, St Martin [Saint-Martin, RNN Inventory 11/04/2012, UF31934, photo Dstm_1277].

Synalpheus williamsi Ríos & Duffy, 1999

Distribution: ICA (Barbados), IOV (Curaçao). 2-25 m. WA.

Literature: *Synalpheus williamsi* - Hultgren *et al.* 2010: 252, Curaçao. - Hultgren *et al.* 2011: 14, Barbados.

Synalpheus yano (Ríos & Duffy, 2007)

Distribution: ICA (Guadeloupe). 6-29 m. WA.

Fieldwork: *Synalpheus yano* - Guadeloupe, KARUBENTHOS 2012, det. A. Anker 2014, MNHN-IU-2013-12053, st. GB09, 6 m; MNHN-IU-2013-12114 (*S. ?yanos*), st. GR10, 29 m; MNHN-IU-2013-12160 (*S. ?yanos*), st. GS05, 22 m.

Family Barbouriidae Christoffersen, 1987

Janicea antiguensis (Chace, 1972)

Distribution: ICA (Antigua, Martinique), IOV (Bonaire). 5-15 m. ATL.

Literature: *Barbouria antiguensis* Chace, 1972: 107, Antigua.

Janicea antiguensis - Giraldes *et al.* 2012: 171, Bonaire.

Parhippolyte sterreri - Human *et al.* 2013: 118, Bonaire - Probably not *Parhippolyte sterreri* (C.W.J. Hart & Manning, 1981); attributed herein to *Janicea antiguensis*, based on color pattern.

Fieldwork: *Janicea antiguensis* - Martinique 2013, photo in situ Y. Buske, Case Pilote, det. J. Poupin.



Figure 109: *Janicea antiguensis*. Martinique, October 2015. Photo Yan Buske.

Family Hippolytidae Spence Bate, 1888

Hippolyte nicholsoni Chace, 1972

Distribution: ICA (St Martin, Antigua, St Lucia, Tobago), IOV (Los Roques). 1-12 m. WA.

Literature: *Hippolyte nicholsoni* Chace, 1972: 113, Antigua, St Lucia, Tobago. - Rodríguez 1986: tab. 2, Los Roques.

Fieldwork: *Hippolyte nicholsoni* - Saint-Martin, RNN Inventory 2012, UF32258, photo Dstm_3321, 18/4/2012; UF32255, photo Dstm_5990, 18/4/2012; UF32570, photo Dstm_7485, 25/4/2012.

Hippolyte obliquimanus Dana, 1852

Distribution: ICA (?St Barthélemy, St Kitts, Antigua, Guadeloupe, Martinique, Grenada, Tobago), IOV (Cubagua, Bonaire, Curaçao). 0-5 m. WA.

Literature: *Hippolyte curacaoensis* Schmitt, 1924a: 68, Curaçao. - Schmitt 1936: 370, Bonaire. - Chace 1972: 111, St Kitts (St Christopher), Antigua, Guadeloupe, Grenada (Carriacou), Tobago, Curaçao. - Rodríguez 1980: 165, Curaçao, Bonaire. - Carré 2005:

23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua - Accepted as *H. obliquimanus* in WoRMS (2018).

Hippolyte cf. obliquimanus - Questel 2014: 12, St Barthélemy.

Hippolyte zostericola (Smith, 1873)

Distribution: ICA (Antigua, Guadeloupe, Martinique, St Vincent, Trinidad), IOV (Cubagua, Bonaire, Curaçao). 1-5 m. WA.

Literature: *Hippolyte zostericola* - Rathbun 1920a: 6, Bonaire. - Schmitt 1924a: 68, Curaçao. - Chace 1972: 118, Antigua, St Vincent (Grenadines), Trinidad, Curaçao. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Hippolyte sp. - Carvacho 1979: 464, Guadeloupe [specimens intermediate between *H. zostericola* and *H. pleuracanthus*].

Fieldworks: *Hippolyte zostericola* - Guadeloupe, seagrass bed, 2012, coll. F. Gautier, det. J. Poupin. - Martinique, BIOSPHERES 2015, coll. Y. Buske, mangrove Caravelle, seagrass bed, det. J. Poupin.

Latreutes fucorum (Fabricius, 1798)

Distribution: VGI (St John), ICA (St Martin, Barbuda, Nevis, Antigua, Guadeloupe, St Vincent), IOV (Los Roques). 0-10 m. WA.

Literature: *Latreutes fucorum* - Chace 1972: 121, St John (Norman), Barbuda, Nevis, Antigua, Guadeloupe, St Vincent (Grenadines). - Carvacho 1979: 465, Guadeloupe. - Grajal & Laughlin 1984: 225, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Marechal & Paulay 2013: 31, St Martin [Saint-Martin, RNN Inventory, 2012; from Sargassum washed ashore].

Latreutes inermis Chace, 1972

Distribution: VGI (Virgin Gorda), ICA (Dominica, St Lucia, Tobago), IOV (Los Roques). 1-12 m. WA.

Literature: *Latreutes inermis* Chace 1972: 122, Virgin Gorda, Dominica, St Lucia, Tobago. - Rodríguez 1986: tab. 2, Los Roques.

Latreutes parvulus (Stimpson, 1871)

Distribution: ICA (Guadeloupe), IOV (Cubagua, Los Roques). 1-44 m. ATL.

Literature: *Latreutes parvulus* - Carvacho 1979: 465, Guadeloupe. - Rodríguez 1986: tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.



Figure 110: *Tozeuma carolinense*. Martinique, 2011, det. J. Poupin. Photo Yan Buske.

Tozeuma carolinense Kingsley, 1878

Distribution: VGI (St Thomas, Tortola, Virgin Gorda), ICA (Antigua, Guadeloupe, Dominica, Martinique, St Lucia), IOV (Margarita, Curaçao, Aruba). 1-75 m. WA.

Literature: *Tozeuma carolinense* - Rathbun 1920a: 7, Curaçao, Aruba. - Schmitt 1935: St Thomas, Curaçao. - Chace 1972: 141, Tortola (Guana), Virgin Gorda, Antigua, Guadeloupe, Dominica, St Lucia, Curaçao. - Hernández *et al.* 1999: tab. 1, Margarita.

Tozeuma sp. - Carré 2005: 23, Martinique. Perhaps *T. ?carolinense*.

Fieldworks: *Tozeuma carolinense* - Guadeloupe 2012, coll. F. Gautier, seagrass bed, det. J. Poupin. - Martinique 2011, photo in situ Y. Buske, det. J. Poupin.

Tozeuma cornutum A. Milne-Edwards, 1881

Distribution: VGI (St John), ICA (Martinique, Barbados). 1-73 m. WA.

Literature: *Tozeuma cornutum* A. Milne-Edwards, 1881: 16, Barbados. - A. Milne-Edwards 1883: pl. 29, Barbados. - Chace 1972: 141, St John, Barbados.

Fieldwork: *Tozeuma cornutum* - Martinique, BIOSPHERES 2015, coll. R. Ferry (photo n°12), det. J. Poupin.

Tozeuma serratum A. Milne-Edwards, 1881

Distribution: ICA (?Guadeloupe, Barbados). 4-164/258 m. WA.

Literature: *Tozeuma serratum* A. Milne-Edwards, 1881: 16, Barbados. - A. Milne-Edwards 1883: pl. 29, Barbados. - Schmitt 1924b: 83, Barbados. - Chace 1972: 141, Barbados. - Poupin & Corbari 2016: 20, Guadeloupe.

Trachycaris restricta (A. Milne-Edwards, 1878)

Distribution: IOV (Curaçao). 1-27 m. ATL.

Literature: *Trachycaris rugosus* - Schmitt 1924a: 68, Curaçao - Not *Trachycaris rugosa* (Spence Bate, 1888) but *Trachycaris restricta*, according to Holthuis (1949: 239).

Trachycaris restrictus - Holthuis 1949: 239, Curaçao. - Rodríguez 1980: 172, Curaçao.

Trachycaris restricta - Criales 1992: 569, ?Curaçao [Curaçao doubtful, with this Remark: 'it is best to separate the east Atlantic species, *T. restricta*, from the west Atlantic species, *T. rugosa* ... until it is possible to compare greater number of specimens'].



Figure 111: *Trachycaris ?rugosa*. Martinique, scuba dive 2013, det. J. Poupin. Photo Yan Buske.

Remark: Criales (1992) does not support Holthuis record at Curaçao, considering that *T. restricta* is distributed only in EA. However, her hypothesis is not confirmed by Sousa *et al.* (2014) with several occurrences of *T. restricta* documented in WA (Brazil). Holthuis (1949) unusual observation of *T. restricta* in Curaçao is therefore probably valid.

Trachycaris rugosa (Spence Bate, 1888)

Distribution: VGI (St Thomas), ICA (St Martin, Antigua, Martinique). 20-713 m. WA.

Literature: *Platybema rugosus* Bate, 1888: 579, North of Culebra, St Thomas.

Trachycaris rugosus - Schmitt 1924b: 82, Antigua.

Trachycaris rugosa - Schmitt 1945: 156, St Thomas. - Criales 1992: St Thomas, Antigua ['Barbados', from Barbados-Antigua Expedition 1918 at 'English Harbor', which is Antigua].

Fieldworks: *Trachycaris rugosa* - Saint-Martin, RNN Inventory 14/04/2012, UF32097, photo Dstm_5222. - Martinique, scuba dive 2013, det. from photo J. Poupin; Caye Grande Seche, photo Y. Buske, December 2014, det. from photo D. L. Felder (*T. ?rugosa*); BIOSPHERES 2015, coll. R. Ferry (photo n°76), det. J. Poupin.

Remark: Curaçao record of *T. rugosa* by Schmitt (1924a) is attributed to *T. restricta* (see that species).

Family Lysmatidae Dana, 1852

Exhippolysmata oplophoroides (Holthuis, 1948)

Distribution: IOV (Margarita). 1-27 m. WA.

Literature: *Exhippolysmata oplophoroides* - Rodríguez 1980: 165, Margarita.

Ligur ensiferus (Risso, 1816)

Distribution: ICA (Guadeloupe, Martinique). 290-770 m. Pantropical.

Literature: *Ligur ensiferus* - Paulmier 1993: 13, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 20, Guadeloupe. - De Grave *et al.* 2014: tab. 1, Guadeloupe [MNHN-IU-2013-7206].

Lysmata anchisteus Chace, 1972

Distribution: VGI (St John), ICA (Antigua, Grenada). 0-2 m. Only/Antilles.

Literature: *Lysmata anchisteus* Chace, 1972: 125, St John, Antigua, Grenada.



Figure 112: *Ligur ensiferus*. Guadeloupe, R/V Polka, 1993, st. C115, trap 400 m. Photo Joseph Poupin.

Lysmata ankeri Rhyne & Lin, 2006

Distribution: VGI (St John), IOV (Margarita, Cubagua, ?Los Roques). 0-25 m. WA.

Literature: *Lysmata wurdemanni* - Rodríguez 1980: 170, Los Roques. - Rodríguez 1986: tab. 2, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - All probably not *L. wurdemanni* (Gibbes, 1850). See Remark.

Lysmata ankeri Rhyne & Line, 2006: 179, St John, Margarita, Cubagua. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Remark: Rhyne & Line (2006: 182) indicate that Rodríguez records are probably not *L. wurdemanni*, but *L. ankeri* instead. Hernández *et al.* (1999) and Tagliafico *et al.* (2005) records from Margarita are also herein considered as most probably *L. ankeri* because Rhyne & Line (2006: pl. 2) indicate that *L. wurdemanni* is distributed only along US coastline.

Lysmata grabhami (Gordon, 1935)

Distribution: ICA (St Barthélemy, St Eustatius, Martinique). 1-20 m. WA.

Literature: *Lysmata grabhami* - Questel 2014: 12, St Barthélemy. - Faasse 2016: 52, St Eustatius.

Fieldwork: *Lysmata grabhami* - Martinique 2015, photo in situ Y. Buske, det. J. Poupin.

Lysmata intermedia (Kingsley, 1878)

Distribution: VGI (Tortola, Virgin Gorda), ICA (St Martin, St Kitts, Barbuda, Antigua, Guadeloupe, Barbados, Tobago, Trinidad), IOV (Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). 1-22 m. WA.

Literature: *Hippolysmata intermedia* - Rathbun 1920a: 6, Bonaire, Curaçao. - Schmitt 1924a: 69, Curaçao.

Lysmata intermedia - Schmitt 1924b: 82, Barbados. - Schmitt 1935: 151, Curaçao. - Schmitt 1936: 370, Curaçao. - Chace 1956: 149, Los Roques. - Chace 1972: 128, Tortola (Guana), Virgin Gorda, Barbuda, St Kitts, Antigua, Tobago, Curaçao. - Carvacho 1979: 465, Guadeloupe. - Rodríguez 1980: 169, Los Roques (Gran Roques). - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Felder *et al.* 2009: 1059, Trinidad.

Fieldwork: *Hippolysmata intermedia* - Saint-Martin, RNN Inventory 2012, UF32132, photo Dstm_5607, 16/4/2012; UF32173, photo Dstm_5832, 17/4/2012; UF32387, photo Dstm_6887, 22/4/2012.

Lysmata moorei (Rathbun, 1901)

Distribution: IOV (Los Roques, Bonaire). 1-10 m. ATL.

Literature: *Hippolysmata moorei* - Rathbun 1920a: 7, Bonaire, Curaçao.

Lysmata moorei - Schmitt 1936: 370, Bonaire. - Rodríguez 1986: tab. 2, Los Roques, Bonaire.

Lysmata aff. olavoi Fransen, 1991

Distribution: IOV (Bonaire). 70-360 m. ATL-MED.

Literature: *Lysmata aff. olavoi* - Olthof *et al.* 2018: 536, Bonaire [Curasub submersible].

Lysmata pedersenii Rhyne & Lin, 2006

Distribution: VGI, ICA (St Eustatius, Martinique), IOV (Bonaire). 1-37 m. WA.

Literature: *Lysmata pedersenii* Rhyne & Lin, 2006: 187, Virgin Islands, Bonaire. - Faasse 2016: 52, St Eustatius.

Fieldwork: *Lysmata pedersenii* - Martinique 2014, photo in situ Y. Buske, det. J. Poupin.

Remark: Commonly associated with tube sponges in the genera *Callyspongia*, *Niphates*; occasionally found in *Aplysina* (cf. Rhyne & Lin 2006).

Lysmata rathbunae Chace, 1970

Distribution: IOV (Los Roques). 9-119 m. WA.

Literature: *Lysmata rathbunae* - Rodríguez 1986: tab. 2, Los Roques.

Family Thoridae Kingsley, 1879

Thor amboinensis (De Man, 1888)

Distribution: VGI (St Thomas), ICA (St Martin, St Barthélemy, ?St Eustatius, Antigua, Guadeloupe, Dominica, Martinique, Barbados), IOV (Los Roques, Bonaire, Curaçao, Aruba). 1-60 m. Pantropical.

Literature: *Thor paschalis* (Heller) - Schmitt 1924a: 70, Curaçao. - Schmitt 1924b: 82, Barbados. - Schmitt 1935: 151, St Thomas. - Schmitt 1936: 370, Bonaire, Aruba. - Probably not *Thor paschalis* (Heller, 1862), an IWP species; attributed herein to *T. amboinensis*.

Thor amboinensis - Chace 1972: 130, Antigua, Dominica. - Rodríguez 1986: tab. 2, Los Roques. - Questel 2014: 12, St Barthélemy. - DORIS 2018: WebPages, Guadeloupe.

Thor cf. amboinensis - Faasse 2016: 52, St Eustatius.

Fieldworks: *Thor amboinensis* - Saint-Martin, RNN Inventory 2012, UF32256, photo Dstm_6021, 18/4/2012; UF32256, photo Dstm_6034, 18/4/2012. - Martinique, photo in situ and det. Y. Buske; BIOSPHERES 2015, coll. R. Ferry (photo n°6), det. J. Poupin.

Thor floridanus Kingsley, 1878

Distribution: IOV (Los Roques, Bonaire, Curaçao). 1-59 m. WA.

Literature: *Thor floridanus* - Rathbun 1920a: 7, Bonaire, Curaçao. - Rodríguez 1986: tab. 2, Los Roques.

Thor manningi Chace, 1972

Distribution: VGI (Tortola, Virgin Gorda), ICA (Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Tobago), IOV (Margarita, Cubagua, Tortuga, Los Roques, Curaçao). 1-62 m. WA.

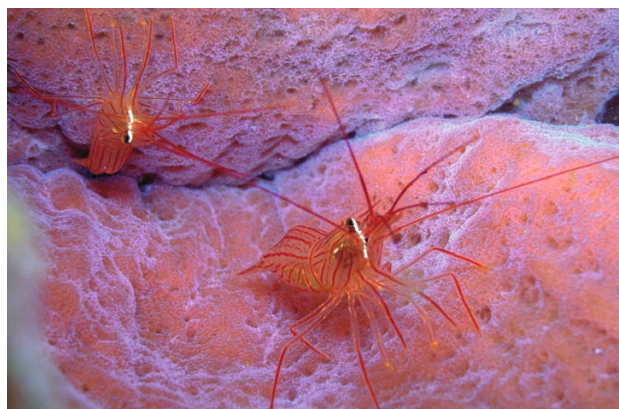


Figure 113: *Lysmata pedersenii*. Martinique, 2014, det. J. Poupin. Photo Yan Buske.

Literature: *Thor manningi* Chace, 1972: 137, Tortola, Virgin Gorda, Anguilla, Barbuda, St Kitts, Antigua, Guadeloupe, Dominica, St Lucia, St Vincent (Grenadines), Tobago, Curaçao. - Carvacho 1979: 464, Guadeloupe, Martinique. - Carvacho 1982: 18, Martinique. - Rodríguez 1986: tab. 2, Los Roques. - Hernández *et al.* 1999: tab. 1, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. *Thor cf. manningi* - Grajal & Laughlin 1984: 224, Los Roques.

Family Ogyrididae Holthuis, 1955

Ogyrides alphaerostris (Kingsley, 1880)

Distribution: ICA (Guadeloupe). 0-2 m. WA-EP.

Literature: *Ogyrides yaquiensis* - Carvacho 1979: 463, Guadeloupe - *Ogyrides yaquiensis* Armstrong, 1949 accepted as *Ogyrides alphaerostris* in WoRMS (2018).

Superfamily Processoidea Ortmann, 1896

Family Processidae Ortmann, 1896

Ambidexter symmetricus Manning & Chace, 1971

Distribution: ICA (St Martin, Trinidad), IOV (?Cubagua). 0-6 m. WA.

Literature: *Ambidexter symmetricus* Manning & Chace, 1971: 3, Trinidad. - Chace 1972: 142, Trinidad.

Ambidexter sp. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua - Arbitrarily placed herein under *A. symmetricus*.

Fieldwork: *Ambidexter symmetricus* - Saint-Martin, RNN Inventory 14/4/2012, det. A. Anker, UF32069 photo Dstm_5047, UF32069 photo Dstm_5049.

Nikoides schmitti Manning & Chace, 1971

Distribution: ICA (Guadeloupe). 0-35 m. WA.

Literature: *Nikoides schmitti* - Carvacho 1979: 466, Guadeloupe.

Processa bermudensis (Rankin, 1900)

Distribution: ICA (?Guadeloupe, Martinique), IOV (Cubagua, Tortuga, Los Roques, Curaçao). 2-45 m. WA.

Literature: *Processa canaliculata* - Schmitt 1924a: 72, Curaçao. - Monod 1939: 557, Guadeloupe. - Following Manning & Chace (1971) these records must be *P. bermudensis*; *Processa canaliculata* Leach, 1815 is an EA species.

Processa bermudensis - Rodríguez 1986: tab. 2, Los Roques. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Processa fimbriata Manning & Chace, 1971

Distribution: ICA (Saba, Antigua, Guadeloupe, Dominica, St Vincent, Tobago), IOV (Cubagua, Los Roques, Curaçao). 0-50 m. WA.

Literature: *Processa fimbriata* - Chace 1972: 143, Saba, Antigua, Guadeloupe, Dominica, St Vincent (Grenadines), Tobago. - Criales 1980: 80, Curaçao. - Rodríguez 1986: tab. 2, Los Roques. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Processa hemphilli Manning & Chace, 1971

Distribution: ICA (?Guadeloupe, Martinique), IOV (Cubagua). 2-154 m. WA.

Literature: *Processa hemphilli* - Carvacho 1979: 466, Guadeloupe [with doubt: 'morphology is intermediate between *P. hemphilli* from Florida and *P. parva* Holthuis, 1951 from eastern Atlantic; possible synonym species']. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Processa vicina Manning & Chace, 1971

Distribution: IOV (Margarita). 2-223 m. WA.

Literature: *Processa vicina* Manning & Chace, 1971: 34, Margarita.

Superfamily Pandaloidea Haworth, 1825

Family Pandalidae Haworth, 1825

Heterocarpus cutressi Monterrosa, 1988

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe, Martinique). 500-577 m. WA.

Literature: *Heterocarpus cutressi* - Monterrosa 1988: 633, St Thomas, St Croix. - Paulmier 1993: 13, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 21, Guadeloupe.



Figure 114: *Heterocarpus cutressi*. Guadeloupe, R/V Polka, st. W36, traps at 550 m. Photo Joseph Poupin.

Heterocarpus ensifer A. Milne-Edwards, 1881

Distribution: VGI (St Thomas), ICA (St Kitts, Montserrat, Guadeloupe, Martinique, Barbados, Grenada). 140-950 m. Pantropical.

Literature: *Heterocarpus ensifer* A. Milne-Edwards, 1881: 8, Barbados. - A. Milne-Edwards 1883: pl. 27, St Kitts. - Faxon 1896: 161, St Kitts, Montserrat, Grenada. - Bullis & Thompson 1965: 8, off St Thomas [R/V *Oregon*, st. 2606]. - Paulmier 1993: 14, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 21, Guadeloupe. - Gervain *et al.* 2002: 13, Guadeloupe. - Poupin & Corbari 2016: 22, Guadeloupe.

Heterocarpus laevigatus Bate, 1888

Distribution: ICA (Guadeloupe, Martinique). 302-1156 m, mostly 500-800 m. Pantropical.

Literature: *Heterocarpus laevigatus* - Paulmier 1993: 15, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 22, Guadeloupe. - Gervain *et al.* 2002: 14, Guadeloupe. - Poupin & Corbari 2016: 22, Guadeloupe.

Heterocarpus oryx A. Milne-Edwards, 1881

Distribution: ICA (Guadeloupe, Martinique). 649-1 774 m. WA.

Literature: *Heterocarpus oryx* - Paulmier 1993: 15, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 22, Guadeloupe. - Gervain *et al.* 2002: 15, Guadeloupe. - Poupin & Corbari 2016: 22, Guadeloupe.

Pantomus parvulus A. Milne-Edwards, 1883

Distribution: VGI (St Croix). 137-474 m. WA.

Literature: *Pantomus parvulus* - Faxon 1896: 160, St Croix. - Schmitt 1935: 138, St Croix. - Abele & Kim 1986: 24, St Croix.

Plesionika acanthonotus (Smith, 1882)

Distribution: ICA (Guadeloupe, Martinique). 190-1 353 m. ATL

Literature: *Plesionika acanthonotus* - Paulmier 1993: 17, Martinique. - Poupin 1994: 22, Guadeloupe [Det. A. Crosnier, with hesitation because some characters are those of the affiliated *Plesionika geniculatus* (A. Milne-Edwards, 1883)]. - Poupin & Corbari 2016: 23, Guadeloupe [with hesitation, from photo only; *P. geniculatus* can also be considered].

Remark: *Plesionika geniculatus* (A. Milne-Edwards, 1883) is considered as a synonym of *Plesionika acanthonotus* in De Grave & Fransen (2011) but Crosnier (in Poupin 1994) has suggested that the 2 species could be distinct.



Figure 115: *Plesionika acanthonotus*. Guadeloupe, KARUBENTHOS 2015, st. CP4643, 609-611 m, MNHN-IU-2013-19163. Photo Joseph Poupin.

Plesionika alexandri (A. Milne-Edwards, 1883)

Distribution: ICA (Martinique). 1472-2 138 m. WA.

Heterocarpus alexandri - Faxon 1896: 161, Martinique.

Plesionika edwardsii (Brandt, 1851)

Distribution: VGI (St Croix), ICA (Guadeloupe, Martinique), IOV (Curaçao). 50-850 m (mostly 200-400 m). Pantropical.

Literature: *Plesionika edwardsii* - Kensley & Tobias 1985: 241, St Croix. - Paulmier 1993: 17, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 23, Guadeloupe. - Gervain *et al.* 2002: 29, Guadeloupe. - Poupin & Corbari 2016: 23, Guadeloupe. - Olthof *et al.* 2018: 536, Curaçao [Curasub submersible].

Plesionika ensis (A. Milne-Edwards, 1881)

Distribution: ICA (Guadeloupe, Martinique, Barbados, Grenada). 260-850 m. Pantropical.

Literature: *Acanthephyra ensis* A. Milne-Edwards, 1881: 14, Barbados.

Pandalus ensis - A. Milne-Edwards 1883: pl. 18, Barbados. - Faxon 1896: 161, Martinique, Grenada.

Plesionika ensis - Paulmier 1993: 18, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 24, Guadeloupe. - Gervain *et al.* 2002: 30, Guadeloupe. - Poupin & Corbari 2016: 23, Guadeloupe.

Plesionika holthuisi Crosnier & Forest, 1968

Distribution: ICA (Guadeloupe). 479-864 m. ATL.

Literature: *Plesionika holthuisi* - Poupin & Corbari 2016: 24, Guadeloupe.

Plesionika laevis (A. Milne-Edwards, 1883)

Distribution: VGI (St Croix), ICA (Saba, Guadeloupe, Martinique). 270-600 m, mostly around 500 m (Poupin 1994).

Literature: *Heterocarpus laevis* A. Milne-Edwards, 1883: pl. 28, Martinique. - Bullis & Thompson 1965: 8, off Saba [R/V *Oregon*, st. 2637]. - Kensley & Tobias 1985: 237, St Croix.

Plesionika laevis - Paulmier 1993: 18, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 24, Guadeloupe. - Gervain *et al.* 2002: 31, Guadeloupe. - Poupin & Corbari 2016: 24, Guadeloupe.

Plesionika longicauda (Rathbun, 1901)

Distribution: ICA (Guadeloupe, Martinique), IOV (Curaçao). 53-500 m. ATL.

Literature: *Plesionika longicauda* - Paulmier 1993: 20, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 25, Guadeloupe. - Poupin & Corbari 2016: 24, Guadeloupe. - Olthof *et al.* 2018: 536, Curaçao [Curasub submersible].

Plesionika longipes (A. Milne-Edwards, 1881)

Distribution: VGI (St Thomas), ICA (Guadeloupe, Barbados, Grenada), IOV (Testigos). 329-457 m. WA.

Literature: *Pandalus longipes* A. Milne-Edwards, 1881: 15, Barbados. - A. Milne-Edwards 1883: pl. 20, Barbados. - Faxon 1896: 161, Barbados.

Plesionika longipes - Bullis & Thompson 1965: 8, off St Thomas, Grenada, Testigos [R/V *Oregon* - off St Thomas, st. 2606, between Grenada, Testigos, st. 2351, 2772]. - Poupin & Corbari 2016: 26, Guadeloupe.



Figure 116: *Plesionika longipes*. Guadeloupe, KARUBENTHOS 2015, st. CP4648, 388-368 m, MNHN-IU-2013-19193. Photo Joseph Poupin.

Plesionika macropoda Chace, 1939

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe, Martinique, Grenada), IOV (Testigos). 200-600 m. WA.

Literature: *Plesionika macropoda* - Bullis & Thompson 1965: 8, between Grenada, Testigos [R/V *Oregon*, st. 2772]. - Monterrosa 1988: 637, St Thomas, St Croix. - Poupin 1994: 25, Guadeloupe. *Plesionika polyacanthomerus* - Paulmier 1993: 19, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Gervain *et al.* 2002: 32, Guadeloupe. - All not *P. polyacanthomerus* Pequegnat, 1970 according to re-det. A. Crosnier, in Poupin (1994: 26).

***Plesionika martia* (A. Milne-Edwards, 1883)**

Distribution: ICA (Guadeloupe). 165-2100 m. Pantropical.
Literature: *Plesionika martia* - Poupin & Corbari 2016: 26, Guadeloupe.

***Plesionika miles* (A. Milne-Edwards, 1883)**

Distribution: ICA (Dominica, Martinique). 340-384 m. WA.
Literature: *Pandalus miles* A. Milne-Edwards, 1883: pl. 18, Dominica, Martinique.
Plesionika miles - De Grave & Franssen 2011: 449, Dominica.

Superfamily Crangonoidea Haworth, 1825

Family Crangonidae Haworth, 1825

***Parapontocaris caribbaea* (Boone, 1927)**

Distribution: ICA (Guadeloupe, Barbados). 311-885 m. WA.
Literature: *Parapontocaris caribbaea* - Chan 1996: 319, Barbados. - Poupin & Corbari 2016: 26, Guadeloupe.



Figure 117: *Parapontocaris caribbaea*. Guadeloupe, KARUBENTHOS 2015, st. DW4587, 406-281 m, MNHN-IU-2013-19000. Photo Joseph Poupin.

***Parapontocaris ?vicina* (Dardeau & Heard, 1983)**

Distribution: ICA (?Guadeloupe). 362-612 m. WA.
Literature: *Parapontocaris ?vicina* - Poupin & Corbari 2016: 27, Guadeloupe [Det. from photo, with hesitation; specimen in MNHN-IU-2013-18765].

***Parapontophilus gracilis* (Smith, 1882)**

Distribution: ICA (St Lucia). 370-3440 m. Pantropical.
Literature: *Pontophilus gracilis* - Faxon 1896: 157, St Lucia.

***Parapontophilus talismani* (Crosnier & Forest, 1973)**

Distribution: ICA (Isla de Aves), IOV (Blanquilla). 2336-3731 m. ATL.

Literature: *Pontophilus talismani* - Gore 1985a: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla.

***Philocheras ?gorei* (Dardeau, 1980)**

Distribution: ICA (?Guadeloupe). 9-182 m. WA.
Literature: *Philocheras ?gorei* - Poupin & Corbari 2016: 27, Guadeloupe [Det. from photo, with hesitation; specimen in MNHN-IU-2013-18978].

***Prionocrangon pectinata* Faxon, 1896**

Distribution: ICA (Martinique). 516-1236 m. WA.
Literature: *Prionocrangon pectinata* Faxon, 1896: 157, Martinique.

***Sabinea hystrix* (A. Milne-Edwards, 1881)**

Distribution: ICA (Guadeloupe). 536-3957 m. ATL.
Literature: *Paracrangon hystrix* A. Milne-Edwards, 1881: 6, Guadeloupe.
Sabinea hystrix - Wenner 1978: 1053, Guadeloupe.

Family Glyphocrangonidae Smith, 1884

***Glyphocrangon aculeata* A. Milne-Edwards, 1881**

Distribution: VGI (St Croix), ICA (St Kitts, Guadeloupe, Isla de Aves, Dominica, Martinique, St Vincent, Grenada, Tobago). 707-1760 m. WA.
Literature: *Glyphocrangon aculeatum* A. Milne-Edwards, 1881: 5, St Vincent. - A. Milne-Edwards 1883: pl. 39, Martinique.
Glyphocrangon aculeata - Faxon 1896: 158, Guadeloupe, Dominica, Grenada. - Holthuis 1971: 323, off St Croix, St Kitts, Guadeloupe, Isla de Aves, Dominica, Martinique, St Vincent, Grenada, Tobago. - Poupin & Corbari 2016: 27, Guadeloupe.



Figure 118: *Glyphocrangon aculeata*. Guadeloupe, KARUBENTHOS 2015, st. CP4644, 898-835 m, MNHN-IU-2013-19168. Photo Joseph Poupin.

***Glyphocrangon alispina* Chace, 1939**

Distribution: VGI (St Croix), ICA (Nevis, Guadeloupe, St Vincent, Tobago). 548-1865 m. WA.
Literature: *Glyphocrangon alispina* - Holthuis 1971: 347, off St Croix, Nevis, Guadeloupe, St Vincent, Tobago.

***Glyphocrangon atlantica* Chace, 1939**

Distribution: IOV (Los Roques, Bonaire, Curaçao, Aruba). 3885-6364 m. ATL.
Literature: *Glyphocrangon atlantica* - Gore 1985a: tab. 1, Venezuela basin, near Los Roques, Bonaire, Curaçao, Aruba.

Glyphocrangon aurantiaca Holthuis, 1971

Distribution: ICA (Tobago). 410-733 m. WA.

Literature: *Glyphocrangon aurantiaca* Holthuis, 1971: 303, off Tobago.

Glyphocrangon haematonotus Holthuis, 1971

Distribution: ICA (Anguilla, Guadeloupe, St Vincent). 247-966 m. WA.

Literature: *Glyphocrangon haematonotus* Holthuis, 1971: 315, off Anguilla, St Vincent. - Poupin & Corbari 2016: 27, Guadeloupe.

Glyphocrangon longirostris (Smith, 1882)

Distribution: VGI (St Croix). 1 280-2500 m. WA.

Literature: *Glyphocrangon longirostris* - Holthuis 1971: 330, St Croix Basin.

Glyphocrangon longleyi Schmitt, 1931b

Distribution: ICA (Anguilla, Guadeloupe, ?Martinique, St Lucia). 300-837 m. WA.

Literature: *Glyphocrangon longleyi* - Holthuis 1971: 309, off Anguilla, Guadeloupe, St Lucia. - Poupin 1994: 27, Guadeloupe, ?Martinique. - Poupin & Corbari 2016: 28, Guadeloupe.

Glyphocrangon neglecta Faxon, 1896

Distribution: ICA (Montserrat, Guadeloupe, ?Martinique, Grenada, Trinidad), IOV (Testigos). 365-1 050 m. WA.

Literature: *Glyphocrangon neglecta* Faxon, 1896: 159, Montserrat, Grenada. - Bullis & Thompson 1965 : 8, between Grenada, Testigos [RV Oregon, st. 2353]. - Holthuis 1971: 319, off Montserrat, Grenada, Trinidad, Testigos.- Poupin & Corbari 2016: 28, Guadeloupe. *Glyphocrangon* cf. *neglecta* - Paulmier 1993: 20, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique.

Glyphocrangon nobilis A. Milne-Edwards, 1881

Distribution: VGI (St Croix), ICA (St Kitts, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Tobago). 410-2 150 m. WA.

Literature: *Glyphocrangon nobilis* A. Milne-Edwards, 1881: 5, Dominica. - Faxon 1896: 159, St Croix, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent. - Schmitt 1935: 170, Dominica, St Croix. - Holthuis 1971: 341, off St Croix, St Kitts, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Tobago.

Glyphocrangon sculpta (Smith, 1882)

Distribution: VGI (St Croix), ICA (Tobago). 1 645-3 219 m. WA.

Literature: *Glyphocrangon sculpta* - Holthuis 1971: 279, St Croix, Tobago.

Glyphocrangon spinicauda A. Milne-Edwards, 1881

Distribution: ICA (St Kitts, Guadeloupe, Dominica, St Lucia, Barbados). 256-692 m. WA.

Literature: *Glyphocrangon spinicauda* A. Milne-Edwards, 1881: 3, St Kitts. - A. Milne-Edwards 1883: pl. 40, St Kitts. - Faxon 1896: 158, St Kitts, Barbados. - Holthuis 1971: 295, Off St. Kitts (St. Christopher), Guadeloupe, Dominica, St Lucia, Barbados. - Poupin & Corbari 2016: 28, Guadeloupe.

INFRA ORDER ASTACIDEA LATREILLE, 1802

Superfamily Enoplometopoidea de Saint Laurent, 1988

Family Enoplometopidae de Saint Laurent, 1988

Enoplometopus antillensis Lütken, 1865

Distribution: ICA (Guadeloupe), IOV (Bonaire). 5-201 m. ATL.

Literature: *Enoplometopus antillensis* - Lemaitre 2017: 139, Bonaire

Fieldwork: *Enoplometopus antillensis* - Guadeloupe, Coll. D. Lamy, by trap, 1994-1998, unknown depth, photo only, det. A. Crosnier & J. Poupin, MNHN, Paris.



Figure 119: *Enoplometopus antillensis*. Guadeloupe, juvenile collected by traps (1996?). Photo Dominique Lamy.

Superfamily Nephropoidea Dana, 1852

Family Nephropidae Dana, 1852

Acanthacaris caeca (A. Milne-Edwards, 1881)

Distribution: ICA (Anguilla, Saba, Nevis, Guadeloupe, Grenada). 293-878 m. WA.

Literature: *Phoberus caecus* A. Milne-Edwards, 1881: 1, Grenada. - A. Milne-Edwards 1883: pl. 16, Grenada. - Bouvier 1925: 413, Nevis, Grenada.

Acanthacaris caeca - Holthuis 1974: 743, off Anguilla, Saba, Nevis, Guadeloupe. - Holthuis 1991: 26, Grenada. - Poupin & Corbari 2016: 29, Guadeloupe.

Eunephrops cadenasi Chace, 1939

Distribution: ICA (Guadeloupe, Dominica, Martinique). 388-607 m (in Poupin 1994; Gervain *et al.* 2002). WA.

Literature: *Eunephrops cadenasi* - Holthuis 1974: 849, Dominica. - Holthuis 1991: 55, Dominica. - Paulmier 1993: 21, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 27, Guadeloupe, Martinique. - Gervain *et al.* 2002: 17, Guadeloupe. - Poupin & Corbari 2016: 29, Guadeloupe.



Figure 120: *Eunephrops manningi*. Guadeloupe, R/V Polka, 1993, trap at 350 m. Photo Joseph Poupin.

Eunephrops manningi Holthuis, 1974

Distribution: ICA (Anguilla, Guadeloupe). 350-550 m. WA.

Literature: *Eunephrops manningi* - Holthuis 1974: 854, Anguilla. - Holthuis 1991: 56, Anguilla. - Poupin 1994: 28, Guadeloupe. - Gervain *et al.* 2002: 18, Guadeloupe.

Metanephrops binghami (Boone, 1927)

Distribution: ICA (Grenada, Trinidad). 230-700 m. WA.

Literature: *Metanephrops binghami* - Holthuis 1974: 827, Grenada, Trinidad.

Nephropides caribaeus Manning, 1969

Distribution: ICA (Guadeloupe). 455-750 m. WA.

Literature: *Nephropides caribaeus* - Poupin 1994: 28, Guadeloupe. - Gervain *et al.* 2002: 19, Guadeloupe.

Nephropsis aculeata Smith, 1881

Distribution: VGI, ICA (Guadeloupe, Grenada, Trinidad), IOV (Curaçao). 137-824 m. WA.

Literature: *Nephropsis aculeata* - Bouvier 1925: 409, Grenada. - Holthuis 1974: 778, Virgin Islands, off Guadeloupe, Grenada, Trinidad, Curaçao. - Poupin 1994: 28, Guadeloupe. - Gervain *et al.* 2002: 20, Guadeloupe. - Poupin & Corbari 2016: 29, Guadeloupe. Not *Nephropsis aculeata* - Faxon 1896: 156, Dominica, St Lucia, St Vincent - Accepted as *N. rosea* in Holthuis (1974).



Figure 121: *Nephropsis aculeata*. Guadeloupe, KARUBENTHOS 2015, st. CP4643, 609-611 m, MNHN-IU-2013-19158. Photo Joseph Poupin.

Nephropsis agassizii A. Milne-Edwards, 1880

Distribution: ICA (Tobago), IOV (Los Roques). 878-2560 m. WA.

Literature: *Nephropsis agassizii* - Holthuis 1974: 796, Tobago, Los Roques. - Holthuis 1991: 38, Tobago.

Not *Nephropsis agassizii* - Faxon 1896: 156, Martinique, St Vincent - Accepted as *N. neglecta* in Holthuis (1974: 796).

Nephropsis neglecta Holthuis, 1974

Distribution: ICA (Guadeloupe, Martinique, St Vincent, Tobago), IOV (Orchila). 655-1234 m. WA.

Literature: *Nephropsis agassizii* - Faxon 1896: 156, Martinique, St Vincent - Not *Nephropsis agassizii* A. Milne-Edwards, 1880, accepted as *N. neglecta* in Holthuis (1974: 796).

Nephropsis neglecta Holthuis, 1974: 792, Guadeloupe, Martinique, St Vincent, Tobago, Orchila.

Nephropsis rosea Bate, 1888

Distribution: ICA (Anguilla, Saba, St Kitts, Guadeloupe, Dominica, St Lucia, St Vincent, Grenada, Tobago, Trinidad). 420-1260 m. WA.

Literature: *Nephropsis aculeata* - Faxon 1896: 156, Dominica, St Lucia, St Vincent - Not *Nephropsis aculeata* Smith, 1881, accepted as *N. rosea* in Holthuis (1974).

Nephropsis rosea - Holthuis 1974: 787, Anguilla, Saba, St Kitts (St Christopher), Guadeloupe, Dominica, St Lucia, St Vincent, Grenada, Tobago, Trinidad. - Poupin & Corbari 2016: 31, Guadeloupe.

Thaumastocheles zaleucus (Thomson, 1873)

Distribution: ICA (Anguilla, Guadeloupe, Grenada). 640-1054 m. WA.

Literature: *Thaumastocheles zaleucus* - Bate 1888: 47, Anguilla (Sombbrero). - Holthuis 1974: 731, Anguilla (Sombbrero), Grenada. - Holthuis 1991: 24, Anguilla (Sombbrero), Grenada. - Poupin & Corbari 2016: 31, Guadeloupe.

Thaumastocheles zaleucus (sic) - Bouvier 1925: 420, Grenada.

INFRA ORDER AXIIDEA DE SAINT LAURENT, 1979

Family Axiidae Huxley, 1879

Ambiaxius aberrans (Bouvier, 1905)

Distribution: ICA (St Lucia). 772 m. Only/ICA.

Literature: *Calocaris aberrans* Bouvier, 1905b: 805, St Lucia. - Bouvier 1925: 453, St Lucia.

Axiopsis serratifrons (A. Milne-Edwards, 1873)

Distribution: ICA (St Martin). 1-30 m. Pantropical.

Fieldwork: *Axiopsis serratifrons* - Saint-Martin, RNN Inventory 17/4/2012, UF32227, photo Dstm_5900.

Bouvieraxius longipes (Bouvier, 1905)

Distribution: ICA (?Guadeloupe, Barbados). 200/232 m, ?extended herein to 312/385 m. Only/ICA.

Literature: *Axiopsis longipes* Bouvier, 1905b: 804, Barbados. - Bouvier 1925: 467, Barbados.

Bouvieraxius sp. - Poupin & Corbari 2016: 31, Guadeloupe [Det. from photo only; specimens in MNHN-IU-2013-18968, 19179].

Calastacus colpos Kensley, 1996

Distribution: ICA (Guadeloupe). 339-1 171 m. WA.

Literature: *Calastacus colpos* - Poupin & Corbari 2016: 32, Guadeloupe.



Figure 122: *Calastacus colpos*. Guadeloupe, KARUBENTHOS 2015, st. CP4643, 609-611 m, MNHN-IU-2013-19166. Photo Joseph Poupin.

Calaxius inaequalis (Rathbun, 1901)

Distribution: IOV (Bonaire, Curaçao). 40-314 m. WA

Literature: *Axius inaequalis* (sic) - Westinga & Hoetjës 1981: 142, tab. 2, Bonaire, Curaçao [Associated with sponges].

Calocaris caribbaeus Kensley, 1996

Distribution: ICA (Antigua, Guadeloupe, Trinidad). 589-1 272 m. WA.

Literature: *Calocaris caribbaeus* Kensley, 1996a: 164, Antigua, Trinidad. - Poupin & Corbari 2016: 32, Guadeloupe.

Coralaxius nodulosus (Meinert, 1877)

Distribution: ICA (St Vincent), IOV (Los Roques, Curaçao). 6-320 m. WA.

Literature: *Coralaxius abelei* - Rodríguez 1986: tab. 2, Los Roques - *Coralaxius abelei* Kensley & Gore, 1981 accepted as *C. nodulosus* in WoRMS (2018).

Coralaxius nodulosus - Human *et al.* 2013: 123, Curaçao, St Vincent.

Eiconaxius agassizi (Bouvier, 1905)

Distribution: ICA (Dominica, Martinique, Barbados, Grenada). 183-1 874 m. WA.

Literature: *Axius (Eiconaxius) agassizi* Bouvier, 1905b: 803, Antilles. - Bouvier 1925: 460, Dominica, Martinique, Barbados, Grenada.

Eiconaxius agassizi - Sakai & de Saint Laurent 1989: 20, Martinique, Barbados.

Eiconaxius antillensis (Bouvier, 1905)

Distribution: ICA (?Guadeloupe, Montserrat, Barbados). 161-1 065 m. WA.

Literature: *Axius (Eiconaxius) crist-galli antillensis* Bouvier, 1905b: 803, Lesser Antilles. - Bouvier 1925: 456, Montserrat ('Montana' sic), Barbados.

Eiconaxius ?antillensis - Poupin & Corbari 2016: 32, Guadeloupe [Det. from photo only; specimens in MNHN-IU-2013-18871, 18924, 19129].

Eiconaxius borradailei (Bouvier, 1905)

Distribution: ICA (Barbados, Grenada). 172-324 m. Only/Antilles.

Literature: *Axius (Eiconaxius) borradailei* Bouvier, 1905b: 803, Antilles. - Bouvier 1925: 465, Barbados, Grenada.

Eiconaxius borradailei - Sakai & de Saint Laurent 1989: 21, Barbados, Grenada.

Eiconaxius caribbaeus (Faxon, 1896)

Distribution: ICA (Guadeloupe, St Lucia, Barbados, St Vincent). 158-622 m. WA.

Literature: *Eiconaxius caribbaeus* Faxon, 1896: 155, Guadeloupe, St Vincent, Barbados.

Axius (Eiconaxius) communis Bouvier, 1905b: 803, Antilles. - Accepted as *E. caribbaeus* in WoRMS (2018).

Axius (Eiconaxius) caribbaeus - Bouvier 1925: 461, Guadeloupe, St Lucia, Barbados, St Vincent, Grenada (Carriacou).

Eiconaxius caribbaeus (sic) - Sakai & de Saint Laurent 1989: 20, Guadeloupe, Barbados [coll. R/V Blake in MNHN].

Eiconaxius carinatus (Bouvier, 1905)

Distribution: VGI (St Croix), ICA (Montserrat, St Vincent). 158-536 m. Only/VGI/ICA.

Literature: *Axius (Eiconaxius) caribbaeus carinatus* Bouvier, 1905b: 465, St Croix, Montserrat ('Montana' sic), St Vincent. - Schmitt 1935: 191, St Croix, Montserrat, St Vincent.

Eiconaxius rotundifrons (Bouvier, 1905)

Distribution: ICA (Martinique, St Lucia, Barbados, Grenada). 277-2 506 m. WA.

Literature: *Axius (Eiconaxius) rotundifrons* Bouvier, 1905b: 803, Antilles.

Axius (Eiconaxius) caribbaeus rotundifrons - Bouvier 1925: 463, Martinique, St Lucia, Barbados, Grenada (Carriacou).

Eiconaxius rotundifrons - Sakai & de Saint Laurent 1989: 21, St Lucia, Barbados, Grenada (Carriacou).

Paraxiopsis gracilimana Kensley, 1996

Distribution: ICA (Tobago), IOV (Bonaire). 2-40 m. WA.

Literature: *Paraxiopsis gracilimana* Kensley, 1996b: 719, Bonaire, Tobago.

Paraxiopsis granulimana Kensley, 1996

Distribution: ICA (Trinidad). 54-95 m. WA.

Literature: *Paraxiopsis granulimana* Kensley, 1996b: 722, Trinidad.

Paraxiopsis spinipleura Kensley, 1996

Distribution: VGI (St Thomas). 2-6 m. WA.

Literature: *Paraxiopsis spinipleura* Kensley, 1996b: 726, St Thomas.

Family Callianassidae Dana, 1852

Biffarius fragilis (Biffar, 1970)

Distribution: ICA (Antigua). 1-10 m. WA.

Literature: *Callianassa fragilis* Biffar, 1970: 45, Antigua. - Biffar 1971: 667, Antigua. - Abele & Kim 1986: 26, Antigua.

Cheramus marginatus (Rathbun, 1901)

Distribution: ICA (Barbados). 15-640 m. WA.

Literature: *Callianassa (Callichirus) marginata* - Bouvier 1905b: 805, Barbados [with hesitation]. - Bouvier 1925: 472, Barbados [specimen incomplete, with hesitation]. - Schmitt 1935: 195, Barbados.

Callianassa marginata - Biffar 1971: 689, Barbados. - Abele & Kim 1986: 27, Barbados.

Cheramus profunda (Biffar, 1973)

Distribution: ICA (Anguilla). 686-823 m. Only/ICA.

Literature: *Callianassa occidentalis* Bate, 1888: 29, Anguilla (Sombbrero) - Accepted as *Cheramus profunda* (Biffar, 1973) in WoRMS (2018).

Cheramus occidentalis Bate, 1888: 32, Anguilla (Sombbrero) - Idem.

Callianassa profunda Biffar, 1973 (new name): 225, Anguilla (Sombbrero).

Corallianassa hartmeyeri (Schmitt, 1935)

Distribution: ICA (Martinique). 1-5 m. WA (and Ascension Island, in Manning & Chace 1990).

Fieldwork: *Corallianassa hartmeyeri* - Martinique, photo in situ Y. Buske May 2015, det. from photo P. C. Dworschak February 2016.

Remark: Peter Dworschak photo determination is based on red banded A2 flagella and overall colour. Another color photo of *C. hartmeyeri*, from Brazil, is in Santos *et al.* (2012). An affiliated species, *C. longiventris*, is however also in Martinique (type locality) and specimens should therefore be examined to confirm the present identification. According to Manning (1988: 885) *C. longiventris* is distinct by:

- no ventrodistal spines on the carpus of the chelipeds;
- and in all specimens of *C. longiventris* at all sizes, the carpus of the major cheliped is longer than half the dorsal length of the palm instead of about half palm length in *C. hartmeyeri*. On photos examined herein the carpus of the major cheliped is about half the palm length, which confirms the determination by P. Dworschak.

Corallianassa longiventris (A. Milne-Edwards, 1870)

Distribution: ICA (Antigua, Martinique, Barbados). 1-4 m. WA.

Literature: *Callianassa longiventris* A. Milne-Edwards, 1870: 92, Martinique. - Abele & Kim 1986: 27, Martinique. - Manning 1988: 885, Barbados, Antigua.



Figure 123: *Corallianassa hartmeyeri*. Martinique, det. from photo P. C. Dworschak. Photo Yan Buske.

Gilvossius setimanus (De Kay, 1844)

Distribution: IOV (Los Roques). 1-134 m. WA.

Literature: *Callianassa atlantica* - Rodríguez 1986: tab. 2, Los Roques. *Callianassa atlantica* Rathbun, 1926 accepted as *G. setimanus* in WoRMS (2018).

Glypturus acanthochirus Stimpson, 1866

Distribution: ICA (Antigua, Martinique, ?Barbados), IOV (Margarita, Tortuga). 1-91 m. WA.

Literature: *Glypturus acanthochirus* - Schmitt 1924b: 93, Barbados [with a ?]. - Lira 2004: tab. 1, Tortuga. - Felder & Robles 2009: 330, tab. 1, Margarita.

Callianassa acanthochirus - Biffar 1971: 655, ?Barbados, Antigua [Barbados from a juvenile that is perhaps *Corallianassa longiventris* (A. Milne-Edwards, 1870) cf. Biffar (1971: 660)]. - Abele & Kim 1986: 26, Barbados, Antigua. - Ngoc-Ho 2005: 73, Martinique [MNHN Th676].

Lepidophthalmus jamaicense (Schmitt, 1935)

Distribution: ICA (Tobago). 0-1 m. WA.

Literature: *Lepidophthalmus jamaicense* - Felder & Manning 1997: 311, Tobago.

Neocallichirus cacahuate Felder & Manning, 1995

Distribution: IOV (Cubagua). 0-1 m. WA.

Literature: *Neocallichirus cacahuate* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Neocallichirus grandimana (Gibbes, 1850)

Distribution: ICA (Barbados, Tobago), IOV (Tortuga, Curaçao). 0-2 m. WA.

Literature: *Glypturus branneri* - Rathbun 1920a: 12, Curaçao. - Schmitt 1924b: 91, Barbados. - Schmitt 1935: 194, Barbados, Curaçao - *Glypturus branneri* Rathbun, 1900 accepted as *Neocallichirus grandimana* in WoRMS (2018).

Callianassa branneri (Rathbun, 1900) - Biffar 1971: 661, Barbados, Tobago, Curaçao. - Abele & Kim 1986: 26, Barbados, Curaçao, Tobago - Idem.

Neocallichirus grandulimnus (sic) - Lira 2004: tab. 1, Tortuga.

Neocallichirus nickellae Manning, 1993

Distribution: ICA (Tobago). No depth range, intertidal, shallow water. Only/ICA.

Literature: *Neocallichirus nickellae* Manning, 1993: 110, Tobago.

Pseudobiffarius caesari Heard & Manning, 2000

Distribution: ICA (Tobago). 1-5 m. Only/ICA.

Literature: *Pseudobiffarius caesari* Heard & Manning, 2000: 71, Tobago.

Family Callianideidae Kossman, 1880

Paracallianidea laevicauda (Gill, 1859)

Distribution: VGI (St John), ICA (Antigua, Barbados, St Vincent), IOV (Bonaire, Curaçao). 0-5 m. Only/Antilles.

Literature: *Callianidea laevicauda* - Schmitt 1924a: 79, Curaçao. - Schmitt 1924b: 94, Barbados. - Schmitt 1935: 193, Barbados,

Curaçao. - Schmitt 1936: 375, Bonaire. - Rodríguez 1980: 207, Barbados, Curaçao. - Kensley & Heard 1991: 499, St John, Antigua, Barbados, St Vincent (Grenadines), Bonaire, Curaçao. - Dworschak 1992: 218, Bonaire, Curaçao.

Family Micheleidae Sakai, 1992

Meticonaxius microps (Bouvier, 1905)

Distribution: VGI (St Croix), ICA (Guadeloupe). 165-260 m. Only/VGI/ICA.

Literature: *Metaxius microps* Bouvier, 1905b: 806, St Croix. - Bouvier 1925: 470, St Croix. - Schmitt 1935: 192, St Croix. - Kensley & Heard 1991: 516, St Croix.

Meticonaxius microps - Poupin & Corbari 2016: 34, Guadeloupe.

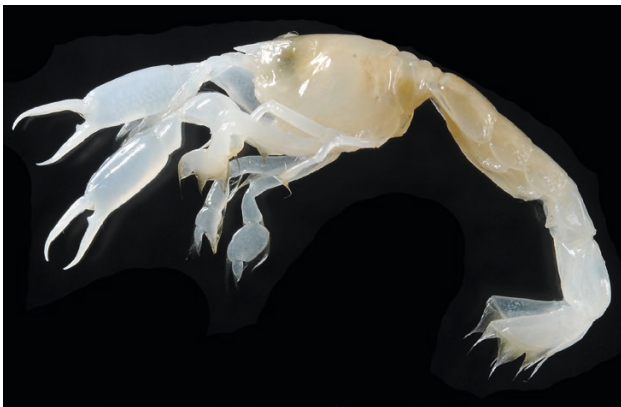


Figure 124: *Meticonaxius microps*. Guadeloupe, KARUBENTHOS 2015, st. DW4566, 260-165 m, MNHN-IU-2013- ?18955. Photo Laure Corbari.

Family Strahlaxiidae Poore, 1994

Neaxiopsis gundlachi (von Martens, 1872)

Distribution: ICA (St Vincent), IOV (Curaçao). 1-10 m. WA.

Literature: *Axius gundlachi* - Rathbun 1920a: 11, Curaçao.

Neaxiopsis gundlachi - Sakai & de St Laurent 1989: 33, Curaçao. - Human *et al.* 2013: 123, Curaçao, St Vincent.

INFRA ORDER GEBIIDEA DE SAINT LAURENT, 1979

Family Axianassidae Schmitt, 1924

Axianassa australis Rodrigues & Shimizu, 1992

Distribution: IOV (Margarita). 0-1 m. WA.

Fieldwork: *Axianassa australis* - Unpublished data, fieldwork at Margarita, com. pers. and photo C. Lira, October 2016.

Remark: If this record of *A. australis* is confirmed for Margarita then the shrimp *Leptalpheus axianassae* Dworschak & Coelho, 1999, leaving exclusively in the burrow of *Axianassa australis* (cf. Dworschak & Coelho 1999; Anker & Lazarus 2015a), is probably also present in IOV (Margarita).

Axianassa intermedia Schmitt, 1924

Distribution: IOV (Curaçao, Aruba). 1-10 m. WA.

Literature: *Axianassa intermedia* Schmitt, 1924a: 77, Curaçao. - Schmitt 1936: 375, Aruba. - Rodríguez 1980: 206, Curaçao. - Kensley & Heard 1990: 559, Curaçao.

Remark: A key to *Axianassa* species is in Anker & Pachelle (2016).

Family Laomediidae Borradaile, 1903

Naushonia ?crangonoides Kingsley, 1897

Distribution: IOV (Los Roques). 0-14 m. WA.

Literature: *Naushonia crangonoides* - Rodríguez 1986: tab. 2, Los Roques [Det. with hesitation].

Naushonia draconis Anker, 2014

Distribution: ICA (Guadeloupe). 16 m. Only/Antilles.

Literature: *Naushonia draconis* Anker, 2014: 761, Guadeloupe.

Remark: Also reported from Cuba in Komai & Anker (2015).

Naushonia portoricensis (Rathbun, 1901)

Distribution: ICA (St Martin). 0-10 m. WA.

Literature: *Naushonia portoricensis* - Komai & Anker 2015: 348, Saint-Martin.



Figure 125: *Naushonia portoricensis*. Saint-Martin Island, RNN 2012 Inventory, UF32500, det. A. Anker. Photo Arthur Anker.

Family Upogebiidae Borradaile, 1903

Pomatogebia operculata (Schmitt, 1924)

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Barthélemy, Antigua, Barbados, Grenada), IOV (Tortuga). 1-56 m. WA.

Literature: *Upogebia (Gebiopsis) operculata* Schmitt, 1924b: 91, Barbados.

Upogebia (Calliadne) operculata - Schmitt 1935: 197, St Thomas, Barbados.

Pomatogebia operculata - Dworschak 1992: 228, St Croix. - Williams 1993: 10, St Croix, St John, St Barthélemy, Antigua, Barbados, Grenada. - Lira *et al.* 2002: 145, Tortuga. - Lira 2004: tab. 1, Tortuga.

Upogebia acanthura (Coelho, 1973)

Distribution: ICA (St Kitts, Montserrat, Barbados, Grenada), IOV (Curaçao). 6-359 m. WA.

Literature: *Upogebia acanthura* - Williams 1993: 16, between St Kitts, Montserrat (Redonda), Barbados, Grenada, Curaçao.

Upogebia affinis (Say, 1818)

Distribution: ICA (Barbados), IOV (Los Roques, Bonaire, Aruba). 1-38 m. WA.

Literature: *Upogebia affinis* - Schmitt 1924b: 90, Barbados. - Schmitt 1936: 375, Bonaire, Aruba. - Chace 1956: 151, Los Roques. - Rodríguez 1980: 207, Los Roques.

Upogebia casis Williams, 1993

Distribution: ICA (Saba, Nevis, Antigua, Dominica, Martinique). 1-50 m. WA.

Literature: *Upogebia casis* Williams, 1993: 27, Saba, Nevis, Antigua, Dominica, Martinique.

Upogebia corallifora Williams & Scott, 1989

Distribution: VGI (St Croix), ICA (?Barbados). 1-20 m. WA.

Literature: *Upogebia corallifora* - Williams 1993: 41, St Croix, ?Barbados.

Upogebia omissa Gomes Corrêa, 1968

Distribution: ICA (Trinidad), IOV (Margarita). 1-9 m. WA.

Literature: *Upogebia omissa* - Williams 1993: 54, Trinidad, Margarita. - Anker *et al.* 2006: 686, Margarita.

Upogebia omissago Williams, 1993

Distribution: IOV (Tortuga). 6-70 m. WA.

Literature: *Upogebia omissago* - Lira 2004: 52, tab. 1, Tortuga.

Upogebia vasquezi Ngoc-Ho, 1989

Distribution: VGI (St Croix), ICA (Barbuda, Antigua, Martinique, Barbados, Tobago), IOV (Tortuga, Bonaire, Curaçao, Aruba). 1-20 m. WA.

Literature: *Upogebia vasquezi* - Williams 1993: 67, St Croix, Barbuda, Antigua, Martinique, Barbados, Tobago, Bonaire, Curaçao, Aruba. - Hernández *et al.* 2005: 119, Tortuga.

INFRA ORDER ACHELATA SCHOLTZ & RICHTER, 1995

Family Palinuridae Latreille, 1802

Justitia longimana (H. Milne Edwards, 1837)

Distribution: VGI (St Croix), ICA (St Barthélemy, Guadeloupe, Dominica, Martinique), IOV (Margarita, Blanquilla, Curaçao, Aruba). 8-150 m. Pantropical.

Literature: *Palinurus longimanus* H. Milne Edwards, 1837 (1834-1840): 294, 'Habite les Antilles'. - Bouvier 1925: 442, St Croix. - Schmitt 1935: 173, St Croix.

Panulirus inermis - Rathbun 1920a: 10, Aruba. - Monod 1939: 558, Guadeloupe - See Remark.

Justitia longimana - Holthuis & Zaneveld 1958: 17, Curaçao. - Rodríguez 1980: 203, Curaçao.

Justitia longimanus - Holthuis 1991: 109, Guadeloupe, Martinique, Margarita, Curaçao. - Paulmier 1993: 21, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 29, Guadeloupe. - Scelzo & Varela 1988: 36, Blanquilla. - Questel 2014: 13, St Barthélemy.

Fieldworks: *Justitia longimana* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, MNHN-IU-2013-6685, GR40, 53 m. - Martinique, photos in situ Y. Buske, La Baleine 06/11/2008, La Perle 04/02/2011, Nahoon 28/01/2012.

Remark: *Panulirus inermis* (Pocock, 1890) is a potential synonym of *Panulirus echinatus* Smith, 1869 (cf. Holthuis 1991: 136), a species distributed in Brazil, central and eastern Atlantic, but not in the Caribbean. Therefore Monod (1939) record in Guadeloupe probably belongs to *J. longimanus*, as he himself suggested "On pourrait, en présence de ce spécimen, songer au *Palinurus longimanus*...". The same probably apply for Aruba record in Rathbun (1920).

Palinurellus gundlachi von Martens, 1878

Distribution: VGI (St John), ICA (St Martin, ?Guadeloupe, Isla de Aves, Martinique, Barbados), IOV (Curaçao). 1-10 m. WA.

Literature: *Scyllarus gundlachi* - A. Milne-Edwards 1880: 64, St John (Flanagan Passage).

Phyllamphion reinhardtii Belloc, 1959: not seen, Guadeloupe [type locality]. - A potential synonym (?) of *P. gundlachi* in Holthuis (1991: 168).

Palinurellus gundlachi - Rodríguez 1980: 203, Barbados. - García *et al.* 1998: 27, Isla de Aves. - Holthuis 1991: 168, ?Guadeloupe, Martinique, Barbados, Curaçao. - Carré 2005: 23, Martinique.

Fieldworks: *Palinurellus gundlachi* - Saint-Martin, RNN Inventory 2012, UF31915, det. Anker, STM-011, Basse Espagnole. - Martinique 2014, photo in situ Y. Buske, Grande Anse (molt), Case Pilote, det. Y. Buske.



Figure 126: *Palinurellus gundlachi*. Martinique, Case Pilote, 2014, det. Y. Buske. Photo Yan Buske.

Palinustus truncatus A. Milne-Edwards, 1880

Distribution: ICA (Grenada). 120-298 m. WA.

Literature: *Palinustus truncatus* A. Milne-Edwards, 1880: 66, Grenada (Carriacou). - Rodríguez 1980: 203, Grenada (Carriacou). - Holthuis 1991: 125, fig. 234, Grenada (Carriacou).

Palinurus truncatus - Bouvier 1925: 441, Grenada (Carriacou).

Panulirus argus (Latreille, 1804)

Distribution: VGI (St Thomas), ICA (St Martin, St Barthélemy, Saba, St Eustatius, Guadeloupe, Isla de Aves, Martinique, Barbados, Tobago, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Orchila, Las Aves, Bonaire, Curaçao, Aruba). 1-90 m. ATL.

Literature: *Palinurus americanus* H. Milne Edwards, 1837 (1834-1840): 298, 'Habite les Antilles'.

Panulirus argus - H. Milne Edwards 1837 (1834-1840): 300, 'Habite les Antilles'. - Rathbun 1920a: 10, Saba, Curaçao, Aruba. - Schmitt 1924b: 86, Barbados (Pelican Island). - Schmitt 1935: 172, St Thomas. - Schmitt 1936: 373, Aruba. - Monod 1939: 559, Guadeloupe. - Chace 1956: 151, Los Roques. - Holthuis & Zaneveld 1958: 20, St Martin

(St Maarten), Saba, St Eustatius, Las Aves archipelago, Bonaire (Klein Bonaire), Curaçao, Aruba. - Holthuis 1991: 134, Martinique, Curaçao, Aruba. - Rodríguez 1980: 202, Orchila. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: 27, Isla de Aves. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites). - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annexe 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 13, St Barthélemy. - Faasse 2016: 52, St Eustatius. - DORIS 2018: WebPages, Guadeloupe, Martinique, Bonaire. - OGATT 2018: webpage, Tobago, Trinidad.

Senex argus - Doflein 1899: 178, Martinique.

Panulirus species - Schmitt 1924a: 73, Curaçao [This is probably the natant stage of *Panulirus argus* (Latreille) found to be of frequent occurrence at Curaçao by Miss Rathbun (1920)].

Fieldworks: *Panulirus argus* - Saint-Martin, RNN Inventory 2012, no UF [from MNHN-SPN (TAXREF)]. - Guadeloupe, KARUBENTHOS 2012, photo market Pointe-à-Pitre, A. Waren; det. E. Macpherson, Besse 2013, MNHN-IU-2013-6690, st. GR10, 29 m; MNHN-IU-2013-4276, st. GR24, 16 m; MNHN-IU-2013-6687, st. GM 06, 1 m; MNHN-IU-2013-6688, st. GM 23, 6 m; MNHN-IU-2013-6689, st. GR46, 2 m. - Martinique 2009-2015, photos in situ Y. Buske, Arlet Bourg, Nord Cap enragé, Pointe Vierge; BIOSPHERES 2015, coll. R. Ferry & Y. Buske.

Panulirus guttatus (Latreille, 1804)

Distribution: ICA (St Martin, St Barthélemy, Saba, St Eustatius, Guadeloupe, Isla de Aves, Martinique), IOV (Cubagua, Blanquilla, Tortuga, Los Roques, Curaçao, Bonaire). 1-20 m. WA.

Literature: *Panulirus guttatus* - H. Milne Edwards 1837 (1834-1840): 297 'Habite les Antilles'. - Holthuis & Zaneveld 1958: 18, St Martin (Maarten), Saba, St Eustatius, Bonaire, Curaçao. - Holthuis 1991: 138, St Martin, St Eustatius, Martinique, Trinidad, Los Roques, Bonaire, Curaçao. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: 27, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annexe 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Marechal & Paulay 2013: 32,

St Martin [RNN Inventory 2012]. - Questel 2014: 13, St Barthélemy. - Faasse 2016: 52, St Eustatius. - DORIS 2018: WebPages, Guadeloupe (Saintes), Martinique.

Fieldworks: *Panulirus guttatus* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013; MNHN-IU-2013-6683, st. GR08, 22 m; MNHN-IU-2013-6684, st. GR49, 15 m. - Martinique 2008, La Baleine, photo in situ Y. Buske.

Panulirus laevicauda (Latreille, 1817)

Distribution: ICA (Martinique), IOV (Cubagua, Curaçao, Aruba). 2-50 m. WA.

Literature: *Panulirus laevicauda* - Holthuis & Zaneveld 1958: 19, Curaçao. - Holthuis 1991: 145, Martinique. - Rodríguez 1980: 203, Curaçao, Aruba. - Abele & Kim 1986: 28, Curaçao. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Family Scyllaridae Latreille, 1825

Arctides guineensis (Spengler, 1799)

Distribution: ICA (Martinique). 1-20 m. WA.

Literature: *Arctides guineensis* - Holthuis 1991: 176, Martinique. - Holthuis 2006: 422, Martinique.

Bathyarctus faxoni (Bouvier, 1917)

Distribution: ICA (Anguilla, Barbuda, Guadeloupe). 229-457 m. WA.

Literature: *Scyllarus faxoni* - Bouvier 1925: 447, Guadeloupe. - Lyons 1970: 35, Barbuda, Anguilla, Guadeloupe.

Bathyarctus faxoni - Poupin & Corbari 2016: 34, Guadeloupe.

Parribacus antarcticus (Lund, 1793)

Distribution: VGI, ICA (St Martin, Guadeloupe, Martinique, Barbados), IOV (Blanquilla, Los Roques, Bonaire). 1-8 m. Pantropical.

Literature: *Ibacus parrae* H. Milne Edwards, 1837 (1834-1840): 288, 'Habite les Antilles' - Accepted as *P. antarcticus* in Holthuis (1991).

Parribacus antarcticus - Schmitt 1924b: 87, Barbados. - Holthuis & Zaneveld 1958: 15, Bonaire (Klein Bonaire). - Rodríguez 1980: 196, Virgin Islands, Los Roques, Bonaire. - Scelzo & Varela 1988: 37, Blanquilla. - Holthuis 1991: 210, Martinique, Barbados. - Carré 2005: 23, Martinique.



Figure 127: *Panulirus guttatus*. Martinique, 'La Baleine', 2008. Photo Yan Buske.



Figure 128: *Scyllarides aequinoctialis*. Martinique, 2015, det. Y. Buske. Photo Yan Buske.

Fieldworks: *Parribacis antarcticus* - Saint-Martin, RNN Inventory 25/4/2012, UF32688, photo Dstm_7686; UF32689, photo Dstm_7694. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin & Macpherson, st. GR35, 15 m, 1 sp. MNHN-IU-2013-6666. - Martinique, photo in situ Y. Buske; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Scyllarides aequinoctialis (Lund, 1793)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, St Barthélemy, St Eustatius, Antigua, Montserrat, Guadeloupe, Dominica, Martinique, Grenada), IOV (Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 1-180 m. WA.

Literature: *Scyllarus aequinoxialis* (sic) - H. Milne Edwards 1867: 285, 'Habite les Antilles'.

Scyllarides aequinoctialis - Rathbun 1920a: 10, St Martin. - Holthuis & Zaneveld 1958: 15, St Martin (St Maarten), St Eustatius, Bonaire, Curaçao. - Lyons 1970: St Thomas, St Croix, St Martin, St Eustatius, Antigua, Montserrat, Dominica, Martinique, Grenada, Bonaire, Curaçao. - Rodríguez 1980: 198, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - Holthuis 1991: 183, St Thomas, Martinique, Grenada, Aruba, Bonaire, Curaçao. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annexe 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 14, St Barthélemy.

Fieldworks: *Scyllarides aequinoctialis* - Saint-Martin, RNN Inventory 25/4/2012, UF32453, photo Dstm_7664. - Martinique 2014-2015, det. and photo in situ Y. Buske.

Scyllarides brasiliensis Rathbun, 1906

Distribution: ICA (?Dominica). 22-38 m. WA.

Literature: *Scyllarides brasiliensis* - Holthuis 1991: 185, ?Dominica [with doubt as this species is mostly from Brazil].

Scyllarides nodifer (Stimpson, 1866)

Distribution: ICA (Guadeloupe, Isla de Aves, Martinique). 2-91 m. WA.

Literature: *Scyllarides nodifer* - García *et al.* 1998: 27, Isla de Aves.

Fieldworks: *Scyllarides nodifer* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013 (note J. Poupin, probably a juvenile of this species), MNHN-IU-2013-6680, st. GM 09, 1 m; MNHN-IU-2013-6681, st. GR13, 11 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Scyllarus americanus (Smith, 1869)

Distribution: VGI (St Thomas), ICA (Guadeloupe). 1-46 m. WA.

Literature: *Arctus americanus* - A. Milne-Edwards 1880: 64, Guadeloupe.

Scyllarus americanus - Schmitt 1935: 174, St Thomas.

Not *Scyllarus americanus* - Bouvier 1925: 449, St John (Flanagan Passage) - Accepted as *S. chacei* in Holthuis (1960: 152).

Scyllarus chacei Holthuis, 1960

Distribution: VGI (St Thomas, St John), ICA (Guadeloupe). 11-329 m. WA.

Literature: *Scyllarus americanus* - Bouvier 1925: 448, pl. 7, fig. 3, St John (Flanagan Passage) - Not *S. americanus* (Smith, 1869) accepted as *S. chacei* in Holthuis (1960: 152).

Scyllarus chacei - Lyons 1970: 27, fig. 10, St Thomas. - Poupin & Corbari 2016: 34, Guadeloupe.

Scyllarus depressus (Smith, 1881)

Distribution: ICA (Trinidad). 29-263 m. WA (continental).

Literature: *Scyllarus depressus* - Lyons 1970: 30, Trinidad.

Scyllarus planorbis Holthuis, 1969

Distribution: ICA (Trinidad), IOV (Testigos, Margarita). 18-99 m. WA (continental).

Literature: *Scyllarus planorbis* Holthuis, 1969a: 150, tab. 1, off Trinidad, Testigos, Margarita.

INFRA ORDER POLYCHELIDA SCHOLTZ & RICHTER, 1995

Family Polychelidae Wood-Mason, 1875

Cardus crucifer (Thomson, 1873)

Distribution: VGI (St Croix), ICA (Anguilla, St Martin, St Barthélemy, Saba, St Kitts, Antigua, Montserrat, Guadeloupe, Dominica, Isla de Aves, Martinique). 549-2 195 m. ATL.

Literature: *Polycheles crucifera* - Bate 1888: 127, Anguilla (Sombrero).

Polycheles crucifer - Faxon 1896: 155, St Croix, Dominica. - Bouvier 1925: 428, St Croix (Frederickstadt), Guadeloupe, Dominica. - Schmitt 1935: 171, St Croix.

Cardus crucifer - Galil 2000: 294, Anguilla (Sombrero), Isla de Aves (Aves Ridge), St Martin, St Barthélemy, Saba, St Kitts, Antigua, Montserrat, Dominica, Martinique. - Poupin & Corbari 2016: 35, Guadeloupe.



Figure 129: *Cardus crucifer*. Guadeloupe, KARUBENTHOS 2015, st. CP4644, 898-835 m, MNHN-IU-2013-19167. Photo Joseph Poupin.

Pentacheles validus A. Milne-Edwards, 1880

Distribution: ICA (Dominica, Martinique, St Vincent). 839-3 365 m. Pantropical.

Literature: *Pentacheles validus* A. Milne-Edwards, 1880: 65, Dominica, Martinique.

Polycheles validus - Bouvier 1925: 434, Dominica, Martinique, St Vincent (Bequia).

Polycheles perarmatus Holthuis, 1952

Distribution: ICA (Grenada), IOV (Testigos). 41-650 m. ATL.

Literature: *Polycheles perarmatus* - Galil 2000: 335, between Grenada, Testigos.

Polycheles typhlops Heller, 1862

Distribution: ICA (Nevis, Guadeloupe, Dominica, St Lucia, St Vincent, Barbados, Grenada), IOV (Testigos, Curaçao). 77-2195 m. Pantropical.

Literature: *Pentacheles agassizii* A. Milne-Edwards, 1880: 65, Nevis, St Lucia, St Vincent (Grenadines), Barbados, Grenada. Accepted as *P. typhlops* in Galil (2000).

Polycheles typhlops - Bouvier 1925: 433, Nevis, St Lucia, St Vincent (Grenadines), Grenada, Barbados. - Galil 2000: 356, Dominica, Barbados, Grenada, Testigos, Curaçao [between Grenada, Testigos and between Curaçao and Venezuela]. - Poupin & Corbari 2016: 35, Guadeloupe.

Stereomastis sculpta (Smith, 1880)

Distribution: ICA (Guadeloupe, Dominica, Martinique, St Vincent, Grenada, Tobago), IOV (Testigos, Bonaire, Curaçao). 200-4000 m. Pantropical.

Literature: *Polycheles sculptus* - Faxon 1896: 155, Martinique, St Vincent, Grenada. - Bouvier 1925: 438, Guadeloupe, Dominica. - Galil 2000: 342, St Vincent (Grenadines), Grenada, Tobago, Testigos, Bonaire, Curaçao [between Grenada, Testigos, and between Curaçao, Bonaire and Venezuela coast].

Stereomastis sculpta - Poupin & Corbari 2016: 35, Guadeloupe.

Willemoesia forceps A. Milne-Edwards, 1880

Distribution: ICA (off Isla de Aves), IOV (off Blanquilla, Los Roques, Curaçao, Aruba). 1760-4064 m. ATL.

Literature: *Willemoesia forceps* - Gore 1984: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Curaçao, Aruba. - Galil 2000: 361, between Los Roques and Venezuela.

Willemoesia leptodactyla (Thomson, 1873)

Distribution: ICA (off Isla de Aves), IOV (off Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 2396-5124 m. Pantropical.

Literature: *Willemoesia indica* - Gore 1984: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba. *Willemoesia indica* Alcock, 1901 accepted as *W. leptodactyla* in Galil (2000: 365).

Willemoesia leptodactyla - Galil 2000: 365, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba [same as Gore 1984].

INFRA ORDER ANOMURA MACLEAY, 1838

Superfamily Chirostyloidea Ortmann, 1892

Family Chirostyliidae Ortmann, 1892

Gastroptychus spinifer (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Guadeloupe, ?Martinique, St Lucia, Grenada, Barbados). 225-2412 m. WA.

Literature: *Ptychogaster spinifer* A. Milne-Edwards, 1880: 64, St Croix (Frederickstadt), Guadeloupe, St Lucia, Grenada (Carriacou), Barbados. - A. Milne-Edwards & Bouvier 1897: 118, 'Antilles'. - Schmitt 1935: 181, St Croix, Guadeloupe, Barbados.

Gastroptychus sp. - Paulmier 1993: 23, Martinique. - Gervain *et al.* 2002: 34, Guadeloupe. - Both probably *G. spinifer*, based on photographs published (det. J. Poupin, May 2015).

Gastroptychus spinifer - Poupin & Corbari 2016: 36, Guadeloupe.

Uroptychus armatus (A. Milne-Edwards, 1880)

Distribution: ICA (Grenada). 298 m. ?WA, ?Only/ICA (see Remark).

Literature: *Diptychus armatus* A. Milne-Edwards, 1880: 63, Grenada (Carriacou). - A. Milne-Edwards & Bouvier 1897: 132, Grenada (Carriacou).

Remark: This species occurs probably also in Florida, based on Abele & Kim (1986: 35; 'Florida from P.A. McLaughlin personal communication').

Uroptychus fenneri Baba & Wicksten, 2017

Distribution: ICA (Guadeloupe, Barbados, Grenada). 201-915 m. WA

Literature: *Uroptychus nitidus* variety A, Chace, 1942: 14, Barbados, Grenada. - Poupin & Corbari 2016: 36, Guadeloupe.

Uroptychus fenneri Baba & Wicksten, 2017: 261, Guadeloupe, Barbados, Grenada [Same as Poupin & Corbari 2016].

Uroptychus intermedius (A. Milne-Edwards, 1880)

Distribution: ICA (Grenada). 298 m. Only/ICA.

Literature: *Diptychus intermedius* A. Milne-Edwards, 1880: 63, Grenada (Carriacou). - A. Milne-Edwards & Bouvier 1897: 127, Grenada (Carriacou).

Uroptychus jamaicensis Benedict, 1902

Distribution: ICA (Dominica). 677-1249 m. Only/Antilles.

Literature: *Uroptychus jamaicensis* Benedict, 1902: 294, off Dominica. - Chace 1942: 20, Dominica.

Uroptychus janiceae Baba & Wicksten, 2017

Distribution: ICA (Guadeloupe). 457-828 m. WA

Literature: *Uroptychus nitidus* variety B, Chace, 1942 - Poupin & Corbari 2016: 38, Guadeloupe.

Uroptychus janiceae Baba & Wicksten, 2017: 265, Guadeloupe [Same as Poupin & Corbari 2016].

Uroptychus minutus Benedict, 1902

Distribution: ICA (Trinidad). 134 m. WA.

Literature: *Uroptychus minutus* Benedict, 1902: 296, off Trinidad. - Baba & Wicksten 2015: 216, Trinidad [Redescription of syntypes, NMNH 7833].

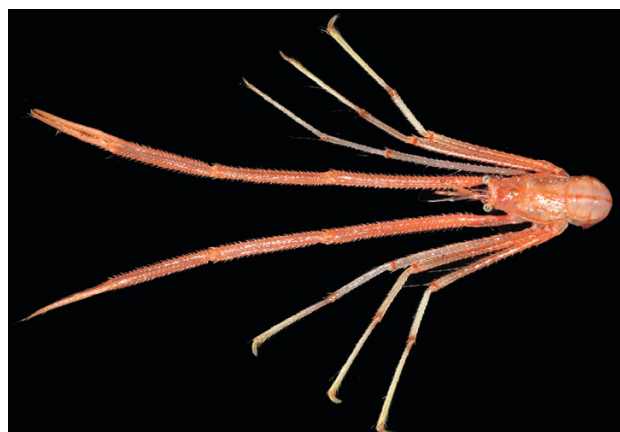


Figure 130: *Gastroptychus spinifer*. Guadeloupe, KARUBENTHOS 2015, st. CP4648, 388-368 m, MNHN-IU-2013-19188. Photo Joseph Poupin.

Uroptychus nitidus (A. Milne-Edwards, 1880)

Distribution: VGI (St Thomas, St Croix), ICA (Anguilla, St Kitts, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Grenada, Grenada, Barbados). 161-1 342 m. WA.

Literature: *Diptychus nitidus* A. Milne-Edwards, 1880: 62, St Croix (Frederickstadt) St Kitts, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Grenada (Carriacou), Barbados [in part cf. Chace (1942); Baba & Wicksten (2017: 277, some spp. are *U. reedae* n. sp.)].

Uroptychus nitidus - Henderson 1888: 174, off Culebra, St Thomas, Anguilla (off Sombbrero).

Uroptychus nitidus (typical form) - Schmitt 1935: 182, St Croix, Barbados. - Chace 1942: 11, St Croix, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent. - Baba & Wicksten 2017: 253, Dominica, Martinique, St Vincent.

Remark: *Uroptychus nitidus* is a species complex revised by Baba & Wicksten (2017) including three species, *U. fenneri*, *U. janiceae*, and *U. nitidus*, all in Lesser Antilles (ICA).

Uroptychus princeps Benedict, 1902

Distribution: ICA (St Lucia, St Vincent). 514 m. Only/ICA.

Literature: *Uroptychus princeps* Benedict, 1902: 296, between St Lucia, St Vincent.

Uroptychus reedae Baba & Wicksten, 2017

Distribution: ICA (St Kitts, Grenada, Barbados, Grenada). 194-457 m. WA.

Literature: *Diptychus nitidus* - A. Milne-Edwards 1880: 62, Lesser Antilles, in part cf. Baba & Wicksten (2017).

Uroptychus uncifer - Chace 1942: 20, Lesser Antilles, in part cf. Baba & Wicksten (2017).

Uroptychus reedae Baba & Wicksten, 2017: 277, St Kitts, Grenada (Carriacou), Barbados, Grenada.

Uroptychus rugosus (A. Milne-Edwards, 1880)

Distribution: ICA (Dominica, St Vincent, Barbados). 174-549 m. WA.

Literature: *Diptychus rugosus* A. Milne-Edwards, 1880: 63, Dominica, St Vincent, Grenadines, Barbados. - A. Milne-Edwards & Bouvier 1897: 124, Dominica, St Vincent (Grenadines), Barbados. - Chace 1942: 28, Dominica, St Vincent (Grenadines).

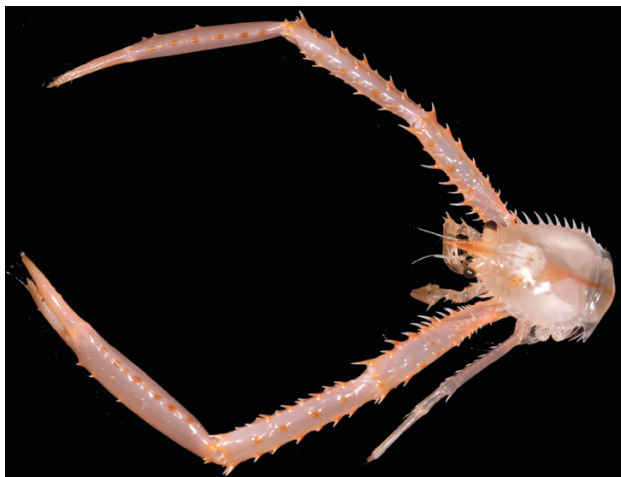


Figure 131: *Uroptychus spinosus*. Guadeloupe, KARUBENTHOS 2015, st. DW4628, 320-260 m, MNHN-IU-2013-19121. Photo Joseph Poupin.

Uroptychus rugosus - Baba *et al.* 2008: 41, Dominica, St Vincent (Grenadines), Barbados.

Uroptychus ?spiniger Benedict, 1902

Distribution: ICA (?Guadeloupe). 338-708 m. Only/Antilles.

Literature: *Uroptychus ?spiniger* - Poupin & Corbari 2016: 38, Guadeloupe.

Remark: According to K. Baba (com. pers., based on photograph only, August 2015) the best candidate for this specimen (without chelipeds) is *U. spiniger*, especially for armature of carapace lateral margin and pereopods 2-4.

Uroptychus spinosus (A. Milne-Edwards & Bouvier, 1894)

Distribution: ICA (Guadeloupe). 265-421 m. Only/Antilles.

Literature: *Uroptychus spinosus* - Poupin & Corbari 2016: 38, Guadeloupe.

Remark: This species is known only from Cuba and Guadeloupe.

Uroptychus uncifer (A. Milne-Edwards, 1880)

Distribution: ICA (?St Kitts, Guadeloupe, St Vincent, Barbados). 154-485 m. WA.

Literature: *Diptychus uncifer* A. Milne-Edwards, 1880: 63, St Vincent, Barbados. - A. Milne-Edwards & Bouvier 1897: 140, St Vincent, Barbados.

Diptychus nitidus - A. Milne-Edwards 1880: 62, St Kitts, St Vincent (Grenadines), Barbados, Grenada. - In part not *U. nitidus* (A. Milne-Edwards, 1880) but *U. uncifer* (cf. Baba *et al.* 2008: 45).

Uroptychus uncifer - Schmitt 1935: 182, St Vincent, Barbados. - Chace 1942: 18, St Kitts, St Vincent (Grenadines), Barbados, Grenada [in part cf. Baba & Wicksten (2017: 277) some spp. are *U. reedae* n. sp.]. - Poupin & Corbari 2016: 38, Guadeloupe.

Family Eumunididae A. Milne-Edwards & Bouvier, 1900

Eumunida picta Smith, 1883

Distribution: ICA (Guadeloupe, Martinique). 200-600 m. WA.

Literature: *Eumunida picta* - Paulmier 1993: 22, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 34, Guadeloupe. - Poupin & Corbari 2016: 39, Guadeloupe.

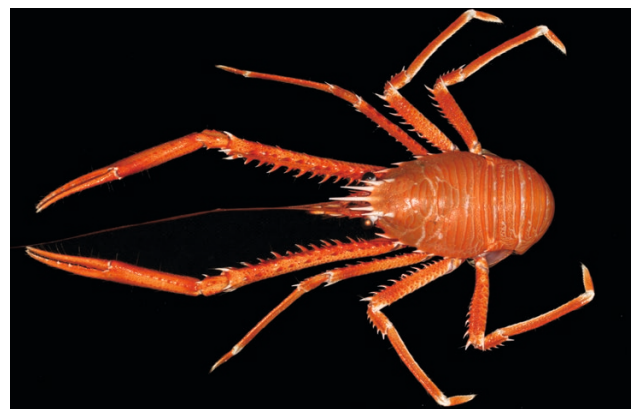


Figure 132: *Eumunida picta*. Guadeloupe, KARUBENTHOS 2015, st. DW4609, 535-673 m, MNHN-IU-2013-19053. Photo Joseph Poupin.

Superfamily Galattheoidea Samouelle, 1819

Family Munididae Ah Yong, Baba, Macpherson, Poore, 2010

Agononida longipes (A. Milne-Edwards, 1880)

Distribution: ICA (St Kitts, Guadeloupe, Martinique, St Lucia, St Vincent, Barbados, Grenada), IOV (Curaçao). 40-730 m. WA.

Literature: *Munida longipes* A. Milne-Edwards 1880: 50, St Kitts, St Lucia, Barbados. - A. Milne-Edwards & Bouvier 1897: 44, St Kitts, St Lucia, Barbados. - Schmitt 1935: 178, Curaçao. - Chace 1942: 47, Guadeloupe, Martinique, Barbados, St Vincent (Grenadines), Grenada. - Abele & Kim 1986: 35, Curaçao. - de Melo-Filho & de Melo 1992b: 514, Barbados [Lectotype]. - Poupin 1994: 36, Guadeloupe. *Munida cf. longipes* - Paulmier 1993: 22, Guadeloupe, Martinique. *Agononida longipes* - Poupin & Corbari 2016: 39, Guadeloupe.

Agononida schroederi (Chace, 1939)

Distribution: ICA (Guadeloupe). 274-531 m. WA.

Literature: *Munida schroederi* - Chace 1942: 50, Guadeloupe. - Poupin 1994: 37, Guadeloupe.

Agononida ?schroederi - Poupin & Corbari 2016: 39, Guadeloupe [Det. from photos only, specimens indicated in MNHN-IU-2013-19130 but 19130 is an error and must be corrected into 19190].

Anomoeomunida caribensis (Mayo, 1972)

Distribution: ICA (Guadeloupe, Barbuda). 11-38 m, extended herein to 60 m (KARUBENTHOS 2012, st. GD69). WA.

Literature: *Phylladorhynchus caribensis* Mayo, 1972: 523, Barbuda.

Fieldwork: *Anomoeomunida caribensis* - Guadeloupe, KARUBENTHOS 2012 (3-60 m), det. E. Macpherson, Besse 2013, 1 male, MNHN-IU-2013-4992, st. GB08, 17 m; 1 ovigerous female, MNHN-IU-2013-4128, st. GB31, 15 m; 1 male, MNHN-IU-2013-4196, 1 ovigerous female, 1 juvenile, MNHN-IU-2013-4906, st. GD21, 40 m; 1 male, MNHN-IU-2013-4253, 1 male, 1 female, MNHN-IU-2013-4907, st. GD66, 33 m; 1 male, MNHN-IU-2013-4213, 1 male, 2 ovigerous females, MNHN-IU-2013-4972, st. GD69, 60 m; 1 male, 4 females, MNHN-IU-2013-4953, st. GD71, 3 m; 1 sp. MNHN-IU-2013-4987, 1 sp. MNHN-IU-2013-4967, st. GS10, 23 m; 1 male, 1 female, MNHN-IU-2013-4966, st. GS19, 8 m.

Munida affinis A. Milne-Edwards, 1880

Distribution: ICA (St Kitts, Guadeloupe). 42-914 m. WA.

Literature: *Munida affinis* A. Milne-Edwards, 1880: 48, St Kitts. - A. Milne-Edwards & Bouvier 1897: 53, St Kitts. - Chace 1942: 55, St Kitts. - Poupin & Corbari 2016: 40, Guadeloupe.

Munida angulata Benedict, 1902

Distribution: ICA (Guadeloupe), IOV (Tortuga, Aruba). 38-166 m, extended herein to 6 m (KARUBENTHOS 2012, st. GB07, 6 m). WA.

Literature: *Munida angulata* - Haig 1956: 4, Tortuga, Aruba. - Rodríguez 1980: 211, Tortuga, Aruba. - Lira 2004: tab. 1, Tortuga.

Fieldwork: *Munida angulata* - Guadeloupe, KARUBENTHOS 2012 (8-110 m; det. E. Macpherson, workshop Besse 2013), st. GB02, 04 May 2012, 16° 21.97' N, 61° 37.98' W, 11 m,

MNHN-IU-2013-4218; st. GB03, 05 May 2012, 16° 21.72' N, 61° 36.35' W, 22 m, MNHN-IU-2013-4204, 4211; st. GB06, 08 May 2012, 16° 22.9' N, 61° 45.94' W, 23 m, MNHN-IU-2013-4122, 4209, 4969; st. GD09, 08 May 2012, 16° 07.41' N, 61° 46.64' W, 40 m, MNHN-IU-2013-4223; st. GB07, 09 May 2012, 16° 06.07' N, 61° 46.37' W, 6 m, MNHN-IU-2013-4188; st. GB10, 11 May 2012, 16° 05.95' N, 61° 47.5' W, 8 m, MNHN-IU-2013-4993; st. GB12, 14 May 2012, 16° 25.61' N, 61° 32.57' W, 14 m, MNHN-IU-2013-4250, MNHN-IU-2013-4963; st. GB16, 16 May 2012, 16° 27.34' N, 61° 32.07' W, 19 m, MNHN-IU-2013-4228; st. GB17, 16 May 2012, 16° 23.26' N, 61° 31.79' W, 13 m, MNHN-IU-2013-4125, 4179; st. GB18, 17 May 2012, 16° 25.99' N, 61° 32.92' W, 45 m, MNHN-IU-2013-4186; st. GB20, 18 May 2012, 16° 26.78' N, 61° 32.41' W, 16 m, MNHN-IU-2013-4175; st. GB26, 23 May 2012, 16° 22.28' N, 61° 38.14' W, 29 m, MNHN-IU-2013-4126; st. GB28, 24 May 2012, 16° 21.6' N, 61° 34.73' W, 26 m, MNHN-IU-2013-4155; st. GB33, 27 May 2012, 16° 07.87' N, 61° 12.52' W, 50 m, MNHN-IU-2013-4219; st. GB36, 28 May 2012, 16° 09.45' N, 61° 10.5' W, 16 m, MNHN-IU-2013-4123; st. GD17, 11 May 2012, 16° 12.55' N, 61° 47.12' W, 30 m, MNHN-IU-2013-4968; st. GD20, 12 May 2012, 16° 15.54' N, 61° 48.71' W, 35 m, MNHN-IU-2013-4970; st. GD21, 12 May 2012, 16° 15.55' N, 61° 48.8' W, 40 m, MNHN-IU-2013-4195; st. GD35, 17 May 2012, 16° 22.77' N, 61° 34.19' W, 66 m, MNHN-IU-2013-4202; st. GD66, 27 May 2012, 16° 08.17' N, 61° 17.32' W, 33 m, MNHN-IU-2013-4203, 4252; st. GD67, 27 May 2012, 16° 08' N, 61° 17' W, 110 m, MNHN-IU-2013-4989; st. GD68, 27 May 2012, 16° 09.03' N, 61° 17.31' W, 33 m, MNHN-IU-2013-4216; st. GD69, 28 May 2012, 16° 15.97' N, 61° 10.18' W, 60 m, MNHN-IU-2013-4973; st. GN18, 12 May 2012, 16° 11.98' N, 61° 47.57' W, 40 m, MNHN-IU-2013-4127; st. GR17, 10 May 2012, 16° 08.07' N, 61° 46.71' W, 13 m, MNHN-IU-2013-4991; st. GR27, 15 May 2012, 16° 22.57' N, 61° 31.74' W, 8 m, MNHN-IU-2013-4136; st. GR32, 18 May 2012, 16° 26.78' N, 61° 32.41' W, 16 m, MNHN-IU-2013-4198; st. GS05, 05 May 2012, 16° 21.72' N, 61° 36.35' W, 22 m, MNHN-IU-2013-4964; st. GS06, 06 May 2012, 16° 21.75' N, 61° 36.07' W, 23 m, MNHN-IU-2013-4189, 4205; st. GS07, 07 May 2012, 16° 08.43' N, 61° 46.92' W, 12 m, MNHN-IU-2013-4965; st. GS08, 08 May 2012, 16° 22.9' N, 61° 45.94' W, 23 m, MNHN-IU-2013-4971; st. GS16, 14 May 2012, 16° 25.61' N, 61° 32.57' W, 25 m, MNHN-IU-2013-4225; st. GS18, 15 May 2012, 16° 23.74' N, 61° 32.07' W, 49 m, MNHN-IU-2013-4187; st. GS19, 15 May 2012, 16° 22.57' N,



Figure 133: *Munida affinis*. Guadeloupe, KARUBENTHOS 2015, st. CP4648, 388-368 m, MNHN-IU-2013-19186. Photo Joseph Poupin.

61° 31.74' W, 8 m, MNHN-IU-2013-4249; st. GS20, 16 May 2012, 16° 27.34' N, 61° 32.07' W, 19 m, MNHN-IU-2013-4208; st. GS21, 16 May 2012, 16° 23.26' N, 61° 31.79' W, 14 m, MNHN-IU-2013-4248; st. GS22, 17 May 2012, 16° 25.99' N, 61° 32.92' W, 45 m, MNHN-IU-2013-4251; st. GS29, 23 May 2012, 16° 22.28' N, 61° 38.14' W, 29 m, MNHN-IU-2013-4952; st. GS31, 24 May 2012, 16° 21.6' N, 61° 34.73' W, 29 m, MNHN-IU-2013-4173.

Munida benedicti Chace, 1942

Distribution: ICA (Saba, St Kitts, Guadeloupe, Martinique, St Vincent, Grenada). 173-430 m. WA.

Literature: *Munida stimpsoni* A. Milne-Edwards, 1880: 47, in part, Saba, Martinique, St Vincent. - A. Milne-Edwards & Bouvier 1897: 52, in part, same. - All not *M. stimpsoni*, but *M. benedicti* (cf. Baba *et al.* 2008: 89).

Munida benedicti Chace, 1942: 66, Saba, St Kitts, Guadeloupe, Martinique, St Vincent, Grenada.

Munida chacei de Melo-Filho & de Melo, 1992

Distribution: VGI (St Croix). 446 m. Only/VGI.

Munida stimpsoni A. Milne-Edwards, 1880: 47, in part, St Croix. - A. Milne-Edwards & Bouvier 1897: 52, same. - Both not *Munida stimpsoni* but *M. chacei* (cf. Baba *et al.* 2008: 89).

Munida chacei de Melo-Filho & de Melo, 1992b: 517, St Croix.

Munida constricta A. Milne-Edwards, 1880

Distribution: ICA (St Kitts, Nevis, Dominica, St Lucia, St Vincent, Grenada). 200-849 m. WA.

Literature: *Munida constricta* A. Milne-Edwards, 1880: 52, St Kitts, Nevis, Dominica, St Lucia, Grenada (Carriacou). - A. Milne-Edwards & Bouvier 1897: 32, St Lucia, Nevis, Dominica, Grenada. - Chace 1942: 34, St Vincent. - de Melo-Filho & de Melo 1992b: 516, St Lucia [Lectotype].

Munida evermanni Benedict, 1901

Distribution: ICA (St Kitts, Guadeloupe, Martinique, St Lucia, St Vincent, Grenada). 232-548 m. WA.

Literature: *Munida stimpsoni* A. Milne-Edwards, 1880: 47, in part, St Kitts, St Lucia, St Vincent (Grenadines). - A. Milne-Edwards & Bouvier 1897: 52, same - Both not *Munida stimpsoni* but *M. evermanni* (cf. Baba *et al.* 2008: 95).

Munida evermanni - Chace 1942: 64, St Kitts, Martinique, St Lucia, St Vincent (Grenadines), Grenada.

Munida flinti Benedict, 1902

Distribution: ICA (Martinique, Grenada). 11-630 m. WA.

Literature: *Munida stimpsoni* A. Milne-Edwards, 1880: 48, in part, Grenada. - A. Milne-Edwards & Bouvier 1897: 48, same. - Both not *Munida stimpsoni* but *M. flinti* (cf. Baba *et al.* 2008: 95).

Munida flinti - Chace 1942: 57, Grenada. - Paulmier & Gervain 1994: 10, Martinique.

Munida forceps A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe). 73-950 m. WA.

Literature: *Munida forceps* - Poupin 1994: 35, Guadeloupe. - Poupin & Corbari 2016: 40, Guadeloupe.

Munida iris A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe, Barbados). 43-613 m. WA.

Literature: *Munida iris* A. Milne-Edwards, 1880: 49, Barbados. - A. Milne-Edwards & Bouvier 1897: 21, Barbados. - Poupin 1994: 35, Guadeloupe.

?*Munida iris* - Schmitt 1924b: 87, Barbados [with doubt, juveniles without chelipeds].

Munida irrasa A. Milne-Edwards, 1880

Distribution: VGI (St Croix), ICA (Anguilla, Guadeloupe, Dominica, St Lucia, St Vincent, Grenada, Barbados), IOV (Margarita, Tortuga). 20-914 m. WA.

Literature: *Munida irrasa* A. Milne-Edwards, 1880: 49, St Croix (Frederickstadt), Dominica, St Vincent (Grenadines), Barbados, Grenada. - Schmitt 1924b: 87, Barbados. - Chace 1942: 46, Grenada, Barbados. - Haig 1956: 3, Tortuga. - Rodríguez 1980: 211, Tortuga. - de Melo-Filho & de Melo 1992b: 514, Grenada [Lectotype]. - Lira 2004: tab. 1, Tortuga.

Munida caribaea - A. Milne-Edwards & Bouvier 1897: 25, Anguilla (Sombbrero), St Lucia, Grenada (Carriacou), Barbados. - Monod 1939: 500, Guadeloupe. - Türkay 1968: 249, Margarita - *Munida caribaea* Stimpson, 1860 is accepted as *M. irrasa* (cf. Baba *et al.* 2008: 101).

Munida microphthalma A. Milne-Edwards, 1880

Distribution: VGI (St Thomas), ICA (?Guadeloupe, Martinique, St Vincent). 195-2 165 m. ATL.

Literature: *Munida microphthalma* A. Milne-Edwards, 1880: 51, in part, Martinique, St Vincent. - Henderson 1888: 127, north of Culebra, St Thomas. - A. Milne-Edwards & Bouvier 1897: 32, in part Martinique, St Vincent. - Chace 1942: 40, St Vincent, Martinique. - de Melo-Filho & de Melo 1992b: 515, St Vincent [Lectotype].

Munida?microphthalma - Poupin & Corbari 2016: 40, Guadeloupe [det. from photo, specimen in MNHN-IU-2013-18893].



Figure 134: *Munida forceps*. Guadeloupe, KARUBENTHOS 2015, st. DW4588 or CP4588, 416-251 m, MNHN-IU-2013-18986. Photo Joseph Poupin.

Munida miles A. Milne-Edwards, 1880

Distribution: VGI (St Croix), ICA (St Kitts, Guadeloupe, Martinique, Montserrat, St Vincent, Barbados, Grenada). 185-885 m. WA.

Literature: *Munida miles* A. Milne-Edwards, 1880: 51, Martinique, Barbados. - A. Milne-Edwards & Bouvier 1897: 35, Barbados [but not St Lucia]. - Chace 1942: 36, St Croix, St Kitts, Montserrat, Martinique, St Vincent (Grenadines), Barbados, Grenada [but not St Lucia, st. 215 that is *M. sanctipauli* instead, cf. de Melo-Filho & de Melo (1992a)]. - de Melo-Filho & de Melo 1992b: 515, Barbados [Lectotype]. - Poupin 1994: 36, Guadeloupe. - Poupin & Corbari 2016: 42, Guadeloupe.



Figure 135: *Munida miles*. Guadeloupe, KARUBENTHOS 2015, st. DW4588, 416-251 m, MNHN-IU-2013-18983. Photo Joseph Poupin.

Munida nuda Benedict, 1902

Distribution: ICA (St Vincent). 68-424 m. WA.

Literature: *Munida nuda* - Chace 1942: 40, St Vincent.

Munida pusilla Benedict, 1902

Distribution: ICA (St Eustatius, Guadeloupe, Trinidad). 18-159 m (perhaps to ?243 m, cf. *M. aff. pusilla* KARUBENTHOS 2015, st. CP4624, 242/243 m). WA.

Literature: *Munida pusilla* - Williams 1984: 236, Trinidad. - Faasse 2016: 52, St Eustatius [Photo of a specimen (fig. 5)]. - Poupin & Corbari 2016: 42, Guadeloupe [from KARUBENTHOS 2012, det. E. Macpherson, workshop Besse 2013].

Munida ?pusilla/spinifrons - Poupin & Corbari 2016: 42, Guadeloupe 2015 [from KARUBENTHOS 2015, det. J. Poupin from photo; specimen in MNHN-IU-2013-19114; *Munida pusilla* and *M. spinifrons* are very similar and can be confounded, cf. Baba & Camp (1988)].

Munida robusta A. Milne-Edwards, 1880

Distribution: ICA (Grenada). 298 m. Only/ICA.

Literature: *Munida robusta* A. Milne-Edwards, 1880: 48, Grenada (Carriacou). - A. Milne-Edwards & Bouvier 1897: 42, same.

Munida sanctipauli Henderson, 1885

Distribution: VGI (St Croix), ICA (Guadeloupe, St Lucia). 400-900 m. ATL.

Literature: *Munida sanctipauli* - Chace 1942: 38, St Croix. - Poupin 1994: 37, Guadeloupe. - Poupin & Corbari 2016: 43, Guadeloupe.

Munida miles - Chace 1942: 37, St Lucia. - Not *M. miles* A. Milne-Edwards, 1880, but *M. sanctipauli* (cf. de Melo-Filho & de Melo 1992a: 763).

Munida simplex Benedict, 1902

Distribution: ICA (Guadeloupe). 59-440 m. WA.

Fieldwork: *Munida simplex* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, workshop Besse 2013, MNHN-IU-2013-4130, GN07, 150 m.

Munida stimpsoni A. Milne-Edwards, 1880

Distribution: VGI (St Thomas, St Croix), ICA (Saba, St Kitts, Guadeloupe, Dominica, Martinique, St Vincent, Grenada). 172-896 m. WA.

Literature: *Munida stimpsoni* A. Milne-Edwards, 1880: 47, in part, Saba. - A. Milne-Edwards & Bouvier 1897: 48, in part, Saba [see Chace 1942; Baba *et al.* 2008]. - Schmitt 1935: 178, St Thomas, St Croix. - Chace 1942: 57, St Croix, Saba, St Kitts, Guadeloupe, Dominica, Martinique, St Vincent (Grenadines), Grenada. - de Melo-Filho & de Melo 1992b: 513, St Croix, Saba, St Kitts, Guadeloupe, Dominica, St Vincent (Grenadines) [Lectotype from Saba].

Munida ?stimpsoni - Poupin 1994: 38, Guadeloupe.

Munida striata Chace, 1942

Distribution: VGI (St Croix), ICA (Guadeloupe). 274-476 m. WA.

Literature: *Munida striata* Chace, 1942: 61, St Croix, Guadeloupe. - Poupin & Corbari 2016: 43, Guadeloupe.



Figure 136: *Munida striata*. Guadeloupe, KARUBENTHOS 2015, st. CP4648, 388-368 m, MNHN-IU-2013-19187. Photo Joseph Poupin.

Munida subcaeca Bouvier, 1922

Distribution: VGI (St Croix). 842-1 700 m. ATL.

Literature: *Munida subcaeca* - Chace 1942: 43, St Croix. - de Melo-Filho & de Melo 1992b: 516, St Croix.

Munida valida Smith, 1883

Distribution: IOV (Curaçao). 9-2 297 m. WA.

Literature: *Munida valida* - Williams 1984: 238, Curaçao. - Abele & Kim 1986: 36, Curaçao.

Family Munidopsidae Ortmann, 1898

Galacantha rostrata A. Milne-Edwards, 1880

Distribution: ICA (St Vincent, Tobago). 610-2 912 m. Pantropical.

Literature: *Galacantha rostrata* A. Milne-Edwards, 1880: 52, St Vincent (Bequia). - A. Milne-Edwards & Bouvier 1897: 60, St Vincent (Bequia).

Munidopsis rostrata - Chace 1942: 75, St Vincent (Bequia). - Mayo 1974: 266, Tobago.

***Galacantha spinosa* A. Milne-Edwards, 1880**

Distribution: ICA (Guadeloupe, Dominica). 402-1 050 m. WA.

Literature: *Galacantha spinosa* A. Milne-Edwards, 1880: 53, Dominica. - A. Milne-Edwards & Bouvier 1897: 56, Dominica. - Poupin & Corbari 2016: 43, Guadeloupe.

Munidopsis spinosa - Chace 1942: 76, Dominica.



Figure 137: *Galacantha spinosa*. Guadeloupe, KARUBENTHOS 2015, st. CP4522, 716-650 m, MNHN-IU-2013-18808. Photo Laure Corbari.

***Leiogalatea agassizii* (A. Milne-Edwards, 1880)**

Distribution: ICA (Guadeloupe, St Lucia, St Vincent, Barbados). 300-1 642 m. ATL.

Literature: *Galathea agassizii* A. Milne-Edwards, 1880: 47, St Lucia, Barbados. - A. Milne-Edwards & Bouvier 1897: 17, St Lucia, St Vincent, Barbados. - Chace 1942: 31, St Lucia, St Vincent, Barbados.

Leiogalatea agassizii - Poupin & Corbari 2016: 44, Guadeloupe.

***Munidopsis abbreviata* (A. Milne-Edwards, 1880)**

Distribution: ICA (Guadeloupe, Martinique, Tobago), IOV (Orchila). 919-1 342 m. WA.



Figure 138: *Munidopsis barbarae*. Guadeloupe, KARUBENTHOS 2015, st. DW4604, 23 June 2015, 16° 0.96' N, 61° 13.27' W, 542-411 m, MNHN-IU-2014-13822 or 13823. Photo Thierry Magniez.

Literature: *Galathodes abbreviatus* A. Milne-Edwards, 1880: 55, Martinique, Guadeloupe.

Munidopsis abbreviata - A. Milne-Edwards & Bouvier 1897: 91, Guadeloupe, Martinique. - Chace 1942: 77, Guadeloupe, Martinique. - Mayo 1974: 42, Guadeloupe, Tobago, Orchila. - Poupin 1994: 38, Guadeloupe. - Poupin & Corbari 2016: 44, Guadeloupe.

***Munidopsis abdominalis* (A. Milne-Edwards, 1880)**

Distribution: ICA (St Kitts, Guadeloupe, St Vincent, Barbados). 366-720 m. WA.

Literature: *Elasmonotus abdominalis* A. Milne-Edwards, 1880: 61, Barbados. - A. Milne-Edwards & Bouvier 1897: 101, Barbados.

Munidopsis abdominalis - Chace 1942: 98, St Kitts, Barbados. - Rice & Miller 1991: 305, St Vincent, Barbados. - Poupin & Corbari 2016: 44, Guadeloupe.

***Munidopsis alaminos* Pequegnat & Pequegnat, 1970**

Distribution: ICA (Anguilla, Guadeloupe, Dominica, Barbados). 457-842 m. WA.

Literature: *Munidopsis alaminos* - Pequegnat & Pequegnat 1971: 18, Dominica. - Mayo 1974: 62, Anguilla, Guadeloupe, Dominica. - Rice & Miller 1991: 305, Barbados. - Poupin & Corbari 2016: 44, Guadeloupe.

***Munidopsis aries* (A. Milne-Edwards, 1880)**

Distribution: ICA (Isla de Aves, St Vincent), IOV (Blanquilla, Curaçao, Aruba). 71-5 320 m. Pantropical.

Literature: *Orophorhynchus aries* A. Milne-Edwards, 1880: 58, St Vincent (Bequia). - A. Milne-Edwards & Bouvier 1897: 111, St Vincent (Bequia).

Munidopsis aries - Gore 1983a: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Curaçao, Aruba.

***Munidopsis armata* (A. Milne-Edwards, 1880)**

Distribution: VGI (St Thomas, St Croix), ICA (Anguilla, Martinique), IOV (Orchila, Curaçao). 275-1 446 m. WA.

Literature: *Elasmonotus armatus* A. Milne-Edwards, 1880: 61, St Croix (Frederickstadt). - Henderson 1888: 159, St Thomas, Anguilla (Sombbrero). - A. Milne-Edwards & Bouvier 1897: 104, St Croix (Frederickstadt).

Munidopsis armata - Chace 1942: 90, St Croix, Martinique. - Mayo 1974: 72, Orchila, Curaçao.

***Munidopsis barbarae* (Boone, 1927)**

Distribution: ICA (Guadeloupe). 185-411/542 m. WA.

Literature: *Munidopsis* aff. *barbarae* - Poupin & Corbari 2016, 46, Guadeloupe (in part, Karubenthos 2015 st. DW4604 only).

Munidopsis barbarae - Rodríguez-Flores *et al.* 2018: table 1, Guadeloupe (Karubenthos 2015 specimens, st. DW4604, MNHN-IU-2014-13823, MNHN-IU-2014-13822).

***Munidopsis bermudezi* Chace, 1939**

Distribution: VGI, ICA (Isla de Aves), IOV (off Blanquilla, Curaçao, Aruba). 2 434-5 180 m. ATL.

Literature: *Munidopsis bermudezi* - Mayo 1974: 83, north Virgin Islands. - Gore 1983a: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Curaçao, Aruba.



Figure 139: *Munidopsis bradleyi*. Guadeloupe, R/V Polka, trap at 550 m. Photo Joseph Poupin.

Munidopsis bradleyi Pequegnat & Pequegnat, 1971

Distribution: ICA (St Barthélemy, St Kitts, Nevis, Guadeloupe, Dominica). 266-914 m. WA.

Literature: *Munidopsis bradleyi* - Pequegnat & Pequegnat 1971: 7, St Barthélemy, St Kitts, Nevis, Dominica. - Mayo 1974: 92, Guadeloupe, St Barthélemy, Dominica. - Poupin 1994: 38, Guadeloupe. - Gervain *et al.* 2002: 22, Guadeloupe. - Poupin & Corbari 2016: 46, Guadeloupe [minimum depth range at 266/388 m instead of 476 m previously].

Munidopsis brevimanus (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe, Barbados). 366-906 m. WA.

Literature: *Elasmonotus brevimanus* A. Milne-Edwards, 1880: 60, Barbados.

Munidopsis brevimana - Chace 1942: 96, Barbados.

Munidopsis brevimanus - Mayo 1974: 103, Barbados. - Poupin 1994: 38, Guadeloupe. - Poupin & Corbari 2016: 46, Guadeloupe.

Munidopsis corniculata Rodríguez-Flores, Macpherson & Machordom, 2018

Distribution: Lesser Antilles, ICA (Guadeloupe). 378-432 m. Only/ICA.

Literature: *Munidopsis robusta* - Poupin & Corbari 2016: 49, Guadeloupe - Not *M. robusta* (A. Milne Edwards, 1880), accepted as *M. corniculata* n. sp. in Rodríguez-Flores *et al.* (2018).

Munidopsis corniculata Rodríguez-Flores, Macpherson & Machordom, 2018: 571, Guadeloupe (same spp. than Poupin & Corbari 2016).

Munidopsis crassa Smith, 1885

Distribution: VGI (St Croix), ICA (off Isla de Aves), IOV (off Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 1 026-5 315 m. Pantropical.

Literature: *Munidopsis crassa* - Mayo 1974: 114, St Croix. - Gore 1983a: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba.

Munidopsis erinacea (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Anguilla, Nevis, Guadeloupe, Dominica, St Lucia, St Vincent, Barbados). 276-700 m. WA.

Literature: *Galathodes erinaceus* A. Milne-Edwards, 1880: 53, St Croix (Frederickstadt), Nevis, St Lucia, St Vincent.

Munidopsis erinacea - A. Milne-Edwards & Bouvier 1897: 67, St Croix (Frederickstadt), Nevis, St Lucia, St Vincent. - Schmitt 1935: 179, St Croix, Barbados. - Chace 1942: 90, St Croix, Nevis, St Lucia,

St Vincent. - Mayo 1974: 133, Anguilla, Guadeloupe, St Lucia, St Vincent (Grenadines). - Tavares & Campinho 1998: 89, Dominica. - Poupin & Corbari 2016: 47, Guadeloupe.

Munidopsis geyeri Pequegnat & Pequegnat, 1970

Distribution: ICA (off Isla de Aves), IOV (off Blanquilla). 2 600-4 151 m. ATL.

Literature: *Munidopsis geyeri* - Gore 1983a: tab. 1, Venezuela basin, off Isla de Aves, Blanquilla.

Munidopsis granulens Mayo, 1972

Distribution: Lesser Antilles, ICA (Guadeloupe). 378-432 m. WA.

Literature: *Munidopsis granulens* - Rodríguez-Flores *et al.* 2018: tab. 1, Guadeloupe.

Munidopsis karukera Macpherson, Beuck & Freiwald, 2016

Distribution: ICA (Guadeloupe). 808-1 162 m. Only/ICA.

Literature: *Munidopsis karukera* Macpherson, Beuck & Freiwald, 2016: 406, off Guadeloupe.

Munidopsis latifrons (A. Milne-Edwards, 1880)

Distribution: ICA (Barbados). 677-1 107 m. WA.

Literature: *Galathodes latifrons* A. Milne-Edwards, 1880: 57, Barbados. - A. Milne-Edwards & Bouvier 1897: 94, Barbados.

Munidopsis latifrons - Chace 1942: 87, Barbados.

Munidopsis longimanus (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Guadeloupe, Dominica, Martinique, St Lucia, Tobago), IOV (Orchila). 440-1 281 m. WA.

Literature: *Elasmonotus longimanus* A. Milne-Edwards, 1880: 60, St Croix (Frederickstadt), Dominica, Martinique, St Lucia. - A. Milne-Edwards & Bouvier 1897: 106, St Croix (Frederickstadt), Martinique, St Lucia.

Munidopsis longimana - Chace 1942: 95, St Croix, Dominica, Martinique, St Lucia.

Munidopsis longimanus - Mayo 1974: 196, St Lucia, Tobago, Orchila. - Poupin & Corbari 2016: 47, Guadeloupe.



Figure 140: *Munidopsis longimanus*. Guadeloupe, KARUBENTHOS 2015, st. ?DW4601, 632-346 m, MNHN-IU-2013-19043. Photo Joseph Poupin.

Munidopsis nitida (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Dominica, Guadeloupe). 222-3 680 m. Pantropical.

Literature: *Orophorhynchus nitidus* A. Milne-Edwards, 1880: 59, Guadeloupe.

Orophorhynchus spinosus A. Milne-Edwards, 1880: 58, Dominica - Accepted as *Munidopsis nitida* in WoRMS (2018).

Munidopsis nitida - A. Milne-Edwards & Bouvier 1897: 74, Guadeloupe, Dominica. - Mayo 1974: 208, St Croix.

Munidopsis platirostris (A. Milne-Edwards & Bouvier, 1894)

Distribution: ICA (Guadeloupe, Dominica, St Vincent, Barbados), IOV (?Curaçao). 101-842 m. WA.

Literature: *Orophorhynchus platirostris* A. Milne-Edwards & Bouvier, 1894: 286, 287 [key]. - A. Milne-Edwards & Bouvier 1897: 114, Barbados.

Munidopsis platirostris - Schmitt 1935: 180, Barbados, Curaçao [Record from Curaçao doubtful, according to Mayo (1974: 223)]. - Mayo 1974: 216, Dominica, St Vincent. - Abele & Kim 1986: 36, Dominica, Barbados. - Poupin & Corbari 2016: 47, Guadeloupe.

Munidopsis polita (Smith, 1883)

Distribution: ICA (Guadeloupe). 129-860 m. WA.

Literature: *Munidopsis polita* - Mayo 1974: 225, Guadeloupe. - Poupin 1994: 39, Guadeloupe. - Poupin & Corbari 2016: 48, Guadeloupe.

Munidopsis ramahtaylorae Pequegnat & Pequegnat, 1971

Distribution: ICA (St Barthélemy, Saba, Guadeloupe). 200-649 m. WA.

Literature: *Munidopsis ramahtaylorae* - Pequegnat & Pequegnat 1971: 11, between Saba, St Barthélemy. - Mayo 1974: 237, St Barthélemy. - Poupin & Corbari 2016: 48, Guadeloupe.

Munidopsis reynoldsi (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix). 4 086-4 348 m. WA.

Literature: *Galathodes Reynoldsi* A. Milne-Edwards, 1880: 56, St Croix (Frederickstadt).

Munidopsis reynoldsi - Schmitt 1935: 179, St Croix.

Munidopsis riveroi Chace, 1939

Distribution: ICA (St Barthélemy, Guadeloupe, Dominica). 338-732 m. WA.

Literature: *Munidopsis riveroi* - Pequegnat & Pequegnat 1971: 22, Dominica, St Barthélemy. - Mayo 1974: 245, Guadeloupe. - Poupin & Corbari 2016: 48, Guadeloupe.

Munidopsis robusta (A. Milne-Edwards, 1880)

Distribution: ICA (Grenada). 110-4 708 m. WA.



Figure 141: *Munidopsis riveroi*. Guadeloupe, KARUBENTHOS 2015, st. CP4512, 532-409 m, MNHN-IU-2013-18784. Photo Laure Corbari.

Literature: *Galathodes robusta* A. Milne-Edwards, 1880: 54, Grenada.

Munidopsis robusta - A. Milne-Edwards & Bouvier 1897: 69, Grenada.

Remark: Not *M. robusta* in Poupin & Corbari (2016: 49, Guadeloupe), accepted as *M. corniculata* n. sp. in Rodríguez-Flores, Macpherson & Machordom (2018).

Munidopsis senticosa Rodríguez-Flores, Macpherson & Machordom, 2018

Distribution: ICA (Guadeloupe). 389/413 m. Only/ICA.

Literature: *Munidopsis* aff. *barbarae* - Poupin & Corbari 2016: 46 (Guadeloupe) - Accepted in part (st. DW4573, MNHN-IU-2013-18962, 18964) as *M. senticosa* n. sp. in Rodríguez-Flores, Macpherson & Machordom (2018).

Munidopsis senticosa Rodríguez-Flores, Macpherson & Machordom, 2018: 573, Guadeloupe.

Munidopsis serratifrons (A. Milne-Edwards, 1880)

Distribution: ICA (Dominica). 543-1 966 m. WA.

Literature: *Galathodes serratifrons* A. Milne-Edwards, 1880: 55, Dominica.

Munidopsis serratifrons - A. Milne-Edwards & Bouvier 1897: 78, Dominica. - Chace 1942: 85, Dominica.

Munidopsis ?serricornis (Lovén, 1852)

Distribution: ICA (?Guadeloupe). 92-2 165 m. ATL-MED.

Literature: *Munidopsis ?serricornis* - Poupin & Corbari 2016: 49, Guadeloupe.

Remark: *Munidopsis serricornis* is considered as a species complex (Ahyong 2014; Macpherson *et al.* 2016). Poupin & Corbari (2016) record is from photograph only and must be checked with the specimen (MNHN-IU-2013-18857). Another potential candidate is *Munidopsis acuminata* Benedict, 1902, with epipods on chelipeds (not visible on photograph).

Munidopsis sharreri (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Grenada).

Literature: *Orophorhynchus Sharreri* A. Milne-Edwards, 1880: 59, St Croix.

Munidopsis sharreri - A. Milne-Edwards & Bouvier 1897: 71, St Croix, Grenada (Carriacou). - Schmitt 1935: 180, St Croix [also 'Grenadines' that must be Carriacou for Grenada].

Munidopsis sigsbei (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Anguilla, Nevis, Montserrat, Guadeloupe, Martinique, Grenada, Tobago), IOV (Orchila, Los Roques). 595-1 784 m. WA.

Literature: *Galathodes sigsbei* A. Milne-Edwards, 1880: 56, St Croix (Frederickstadt), Guadeloupe, Martinique.

Munidopsis sigsbei - Henderson 1888: 150, north Anguilla (off Sombbrero). - A. Milne-Edwards & Bouvier 1897: 83, St Croix (Frederickstadt), Guadeloupe, Martinique. - Schmitt 1935: 181, St Croix, Martinique. - Chace 1942: 82, St Croix, Grenada. - Mayo 1974: 288, Nevis, Montserrat, Martinique, Tobago, Orchila, Los Roques. - Tavares & Campinho 1998: 95, Anguilla (Sombbrero).

Munidopsis similis Smith, 1885

Distribution: ICA (St Vincent). 1940-2379 m. ATL.

Literature: *Munidopsis similis* - Mayo 1974: 299, St Vincent.

Munidopsis simplex (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Guadeloupe, Dominica, Martinique, St Vincent, Tobago), IOV (Los Roques). 116-3391 m. WA.

Literature: *Galathodes simplex* A. Milne-Edwards, 1880: 56, Guadeloupe, Dominica, Martinique, St Vincent.

Munidopsis simplex - A. Milne-Edwards & Bouvier 1897: 89, 'Antilles'. - Chace 1942: 92, Guadeloupe, St Vincent. - Mayo 1974: 312, St Croix, Martinique, Tobago, Los Roques.

Munidopsis spinifer (A. Milne-Edwards, 1880)

Distribution: ICA (St Kitts, Guadeloupe, Martinique, St Lucia, St Vincent, Barbados). 203-880 m. WA.

Literature: *Galathodes spinifer* A. Milne-Edwards, 1880: 54, St Kitts, Barbados.

Munidopsis spinifer - A. Milne-Edwards & Bouvier 1897: 64, St Kitts, Barbados. - Chace 1942: 91, St Kitts, Martinique, St Lucia, Barbados. - Mayo 1974: 324, Guadeloupe. - Rice & Miller 1991: 305, St Vincent. - Poupin & Corbari 2016: 49, Guadeloupe.

Munidopsis spinocolata (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe, Dominica). 597-1738 m. WA.

Literature: *Orophorhynchus spinocolatus* A. Milne-Edwards, 1880: 59, Dominica.

Munidopsis spinocolata - A. Milne-Edwards & Bouvier 1897: 75, Dominica. - Chace 1942: 86, Dominica. - Mayo 1974: 335, Dominica. - Poupin & Corbari 2016: 49, Guadeloupe.



Figure 142: *Munidopsis spinocolata*. Guadeloupe, KARUBENTHOS 2015, st. CP4513, 644-406 m, MNHN-IU-2013-18847. Photo Lauire Corbari.

Munidopsis squamosa (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe, Martinique, St Lucia). 212-500 m (Poupin, 1994). WA.

Literature: *Orophorhynchus squamosus* A. Milne-Edwards, 1880: 58, Martinique.

Elasmonotus squamosus - A. Milne-Edwards & Bouvier 1897: 99, Martinique, St Lucia.

Munidopsis squamosa - Poupin 1994: 39, Guadeloupe. - Poupin & Corbari 2016: 51, Guadeloupe.

Munidopsis tridens (A. Milne-Edwards, 1880)

Distribution: ICA (St Kitts). 380-476 m. WA.

Literature: *Galathodes tridens* A. Milne-Edwards, 1880: 57, St Kitts. - A. Milne-Edwards & Bouvier 1897: 96, St Kitts.

Munidopsis tridens - Chace 1942: 87, St Kitts.

Munidopsis turgida Rodríguez-Flores, Macpherson & Machordom, 2018

Distribution: ICA (Guadeloupe). 457-484 m. Only/ICA.

Literature: *Munidopsis turgida* Rodríguez-Flores, Macpherson & Machordom, 2018: 576, Guadeloupe.

Family Porcellanidae Haworth, 1825

Clastoechochus nodosus (Streets, 1872)

Distribution: ICA (St Martin), IOV (Margarita, Cubagua, Tortuga, Curaçao). 0-5 m. WA.

Literature: *Petrolisthes nodosus* Streets, 1872: 133, St Martin. - Schmitt 1924a: 73, Curaçao. - Haig 1956: 27, Cubagua, Tortuga. - Holthuis 1959: 76, St Martin. - Rodríguez 1980: 218, St Martin, Cubagua, Tortuga, Curaçao.

Clastoechochus nodosus - Lira 1997: tab. 4, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 23, tab. 2, St Martin, Cubagua, Tortuga, Curaçao.

Clastoechochus vanderhorsti (Schmitt, 1924)

Distribution: VGI (St Thomas, St Croix), ICA (Saba, Martinique, Barbados), IOV (Cubagua, Tortuga, Bonaire, Curaçao). 0-5 m. WA.

Literature: *Petrolisthes vanderhorsti* Schmitt, 1924a: 73, Curaçao. - Schmitt 1936: 374, Bonaire. - Haig 1956: 27, Cubagua. - Haig 1962: 184, St Thomas, St Croix. - Rodríguez 1980: 217, Cubagua, Curaçao.

Clastoechochus vanderhorsti - Rodríguez *et al.* 2005: 548, St Croix, Saba, Martinique, Barbados, Cubagua, Tortuga, Bonaire, Curaçao. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Saba, Martinique, Barbados, Cubagua, Tortuga, Bonaire, Curaçao.

Megalobrachium mortenseni Haig, 1962

Distribution: VGI (St John), ICA (Guadeloupe, Martinique), IOV (Margarita, Cubagua). 1-10 m. WA.

Literature: *Megalobrachium mortenseni* - Haig 1962: 189, St John. - Lira 1997: tab. 4, Margarita. - Lira *et al.* 2001: 62, Margarita. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Poupin & Lemaitre 2014: tab. 2, Guadeloupe, Margarita.

Megalobrachium poeyi (Guérin-Méneville, 1855)

Distribution: VGI (St Thomas, Jost Van Dyke), ICA (St Martin, Antigua, Barbuda, Guadeloupe, Martinique, Barbados), IOV (Coche, Margarita, Tortuga, Cubagua, Los Roques, Curaçao, Aruba). 0-149 m. WA.

Literature: *Megalobrachium granuliferum* Stimpson, 1859: 76, Barbados, St Thomas. - Doflein 1899: 182, Martinique.

Megalobrachium poeyi - A. Milne-Edwards & Bouvier 1923: 297, St Thomas. - Schmitt 1924a: 76, Curaçao. - Schmitt 1924b: 90, Barbados (Pelican Island). - Schmitt 1935: 183, St Thomas. - Schmitt 1936: 375, Aruba. - Haig 1956: 33, Cubagua. - Haig 1962: 188, St Thomas, Jost Van Dyke (Tobago, in British Virgin Islands). - Gore 1974: 704, Trinidad. - Rodríguez

1980: 219, Cubagua, Curaçao, Aruba. - Lira 1997: tab. 4, Margarita. - Lira *et al.* 2001: 58, Coche, Margarita, Tortuga. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: tab. 2, Tobago (in VGI, confused with Tobago in ICA), Antigua, Barbuda, Guadeloupe, Martinique, Barbados, Coche, Margarita, Cubagua, Curaçao, Aruba. - Lira *et al.* 2017b: 25, Los Roques.

Fieldwork: *Megalobrachium poeyi* - Saint-Martin, RNN Inventory 2012, UF32207, photo Dstm_5748, 16/4/2012; UF32381, photo Dstm_6790, 21/4/2012.

Megalobrachium roseum (Rathbun, 1900)

Distribution: ICA (Martinique), IOV (Margarita, Cubagua). 0-20 m. WA.

Literature: *Porcellanopsis rosea* - Haig 1956 : 34, Cubagua. - Rodríguez 1980: 219, Cubagua. - Lira 1997: tab. 4, Margarita.

Megalobrachium roseum - Lira *et al.* 2001: 60, Margarita. - Rodríguez *et al.* 2005: 551, Martinique, Margarita, Cubagua. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Poupin & Lemaitre 2014: tab. 2, Martinique, Margarita, Cubagua.

Megalobrachium soriatum (Say, 1818)

Distribution: ICA (Guadeloupe, Martinique, Barbados), IOV (Margarita). 0-170 m. WA.

Literature: *Porcellana soriata* - Schmitt 1924b: 90, Barbados.

Megalobrachium soriatum - Lira 1997: tab. 4, Margarita. - Lira *et al.* 2001: 56, Margarita. - Poupin & Lemaitre 2014: tab. 2, Guadeloupe, Martinique, Barbados, Margarita.

Minyocerus angustus (Dana, 1852)

Distribution: IOV (Testigos, Margarita, Cubagua, Tortuga). 0-27 m. WA (continental).

Literature: *Minyocerus angustus* - Haig 1956 : 30, Cubagua. - Gore 1974: 705, Testigos, Margarita. - Rodríguez 1980: 218, Cubagua. - Lira 1997: tab. 4, Margarita. - Rodríguez *et al.* 2005: 552, Margarita, Cubagua, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Neopisosoma angustifrons (Benedict, 1901)



Figure 143: *Neopisosoma angustifrons*. Guadeloupe, KARUBENTHOS 2012, 1 ♂ 3.2x3.6 mm, MNHN-IU-2013-5588, st. GM08. Photo Joseph Poupin/Laure Corbari.

Distribution: VGI (St John), ICA (St Martin, Saba, St Eustatius, Guadeloupe, Trinidad), IOV (Margarita, Cubagua, Tortuga, Bonaire, Curaçao, Aruba). 0-1 m. WA.

Literature: *Pisosoma angustifrons* Benedict, 1901: 135, Trinidad. - Schmitt 1924a: 74, Curaçao. - Schmitt 1936: 374, Bonaire. - Monod 1939: 559, Guadeloupe. - Haig 1956 : 15, Cubagua. - Haig 1962: 181, St John, Guadeloupe, Trinidad, Cubagua, Tortuga, Bonaire, Curaçao.

Neopisosoma angustifrons - Rodríguez 1980: 214, Margarita, Cubagua, Tortuga, Bonaire, Curaçao. - Lira 1997: tab. 4, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 10, tab. 2, St John, Saba, St Eustatius, Guadeloupe, Trinidad, Margarita, Cubagua, Tortuga, Bonaire, Curaçao, Aruba.

Fieldwork: *Neopisosoma angustifrons* - Saint-Martin, RNN Inventory 13/04/2012, UF32032, photo Dstm_4898; UF32030, photo Dstm_4948; UF32031, photo Dstm_4953.

Neopisosoma curacaoense (Schmitt, 1924)

Distribution: VGI (St Thomas, St Croix), ICA (Saba, St Martin, St Eustatius, Guadeloupe, Grenada), IOV (Cubagua, Tortuga, Bonaire, Curaçao, Aruba). 0-5 m. WA.

Literature: *Pisosoma curacaoensis* Schmitt 1924a: 74, Curaçao. - Schmitt 1935: 188, Curaçao. - Schmitt 1936: 374, Bonaire.

Neopisosoma curacaoense - Haig 1956: 15, Tortuga, Aruba. - Haig 1962: 181, St Thomas, St Croix, Tortuga, Bonaire, Curaçao, Aruba. - Rodríguez 1980: 214, Tortuga, Curaçao, Bonaire. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 10, Guadeloupe.

Fieldwork: *Neopisosoma curacaoense* - Saint-Martin, RNN Inventory 13/04/2012, UF32029, photo Dstm_4905; UF32028, photo Dstm_4961; UF32027, photo Dstm_4963.

Neopisosoma neglectum Werdning, 1986

Distribution: ICA (St Martin, Grenada), IOV (?Margarita). 0-20 m. WA.

Literature: *Neopisosoma* cf. *neglectum* - Lira 1997: tab. 4, Margarita.

Neopisosoma neglectum - Rodríguez *et al.* 2005: 553, St Martin, Grenada. - Poupin & Lemaitre 2014: tab. 2, St Martin, Grenada.

Fieldwork: *Neopisosoma neglectum* - Saint-Martin, RNN Inventory 13/04/2012, UF32006, photo Dstm_4911.



Figure 144: *Neopisosoma neglectum*. St Martin, 13/4/2012, UF32006. Photo Dstm_4911 Arthur Anker.

Neopisosoma orientale Werding, 1986

Distribution: ICA (Trinidad), IOV (Margarita). 0-20 m. WA.

Literature: *Neopisosoma orientale* - Lira 1997: tab. 4, Margarita. - Rodríguez *et al.* 2005: 554, Trinidad, Margarita. - Poupin & Lemaitre 2014: tab. 2, Trinidad, Margarita.

Pachycheles ackleianus A. Milne-Edwards, 1880

Distribution: VGI (St Thomas, St John, Tortola), ICA (Antigua, Martinique, St Lucia, Barbados), IOV (Testigos, Margarita, Los Roques, Bonaire, Curaçao). 0-66 m. WA.

Literature: *Pachycheles ackleianus* - A. Milne-Edwards & Bouvier 1923: 295, St Thomas. - Schmitt 1924b: 90, Barbados. - Schmitt 1935: 184, St Thomas, Barbados. - Haig 1962: 182, St John, Tortola. - Gore 1974: 705, Antigua, Martinique, St Lucia, Testigos, Los Roques. - Westinga & Hoetjes 1981: 142, tab. 2, Bonaire, Curaçao [Associated with sponges]. - Lira 1997: tab. 4, Margarita. - Rodríguez *et al.* 2005: 554, St Thomas, Antigua, Martinique, St Lucia, Barbados, Testigos, Margarita, Los Roques. - Lira *et al.* 2007: 45, Margarita. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Antigua, Martinique, St Lucia, Barbados, Testigos, Margarita, Los Roques.

Pachycheles chacei Haig, 1956

Distribution: IOV (Margarita). 0-20 m. WA.

Literature: *Pachycheles chacei* - Hernández & Bolaños 1995a: 76, Margarita. - Lira 1997: tab. 4, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites). - Lira *et al.* 2007: 42, Margarita. - Poupin & Lemaitre 2014: tab. 2, Margarita.

Pachycheles monilifer (Dana, 1852)

Distribution: VGI (St Thomas, St John), ICA (Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques). 0-20 m. WA-EP.

Literature: *Pachycheles monilifer* - Haig 1956 : 13, Cubagua. - Haig 1962: 183, St Thomas, St John. - Gore 1974: 707, Trinidad. - Rodríguez 1980: 213, Margarita, Cubagua. - Lira 1997: tab. 4, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites). - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2007: 42, Margarita, Cubagua, Tortuga. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Trinidad, Margarita, Cubagua, Tortuga. - Lira *et al.* 2017b: 25, Los Roques.

Pachycheles pilosus (H. Milne Edwards, 1837)

Distribution: VGI (St Thomas, Jost Van Dyke), ICA (St Martin, Guadeloupe, Isla de Aves, Barbados, Tobago), IOV (Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 0-34 m. WA.

Literature: *Porcellana pilosa* - A. Milne-Edwards & Bouvier 1923: 294, St Thomas.

Pachycheles pilosus - Schmitt 1924a: 76, Curaçao. - Schmitt 1924b: 90, Barbados. - Schmitt 1935: 184, St Thomas, Curaçao. - Schmitt 1936: 375, Bonaire, Aruba. - Monod 1939: 559, Guadeloupe. - Haig 1956: 11, Tobago, Aruba. - Haig 1962: 182, St Thomas, Jost Van Dyke (Tobago in VGI). - Rodríguez 1980: 214, Curaçao, Aruba. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Lira *et al.* 2007: 38, Isla de Aves, Tortuga, Blanquilla. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 12, tab. 2, Virgin Island, Guadeloupe, Isla

de Aves, Barbados, Blanquilla, Tortuga, Bonaire, Curaçao, Aruba (see Remark). - Lira *et al.* 2017b: 25, Los Roques.

Fieldwork: *Pachycheles pilosus* - Saint-Martin, RNN Inventory 20/04/2012, UF32349, photo Dstm_6420.

Remark: In Poupin & Lemaitre (2004), Tobago, in British Virgin Islands near Jost Van Dyke Island, has been confused with Tobago, ICA, near Trinidad.

Pachycheles riisei (Stimpson, 1859)

Distribution: VGI (St Thomas, Jost Van Dyke), ICA (Martinique, Barbados), IOV (Margarita, Cubagua, La Tortuga, Los Roques). 0-20 m. WA.

Literature: *Pisosoma Riisei* Stimpson, 1859: 75, St Thomas. - Nobili 1898: 2, St Thomas. - Schmitt 1924b: 89, Barbados.

Pachycheles riisei - Haig 1962: 182, Jost Van Dyke (Tobago). - Hernández & Bolaños 1995a: 76, Margarita. - Lira 1997: tab. 4, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Lira *et al.* 2012: tab. 1, Tortuga. - Lira *et al.* 2007: 44, Margarita, Tortuga. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands (Tobago near Trinidad confused with Tobago near Jost Van Dyke), Barbados, Margarita, Cubagua, Tortuga. - Lira *et al.* 2017b: 26, Los Roques.



Figure 145: *Pachycheles riisei*. Martinique, photo in situ, det. C. Lira from photo (April 2015, corrected from *P. jugosus*). Photo Yan Buske.

Pachycheles rugimanus A. Milne-Edwards, 1880

Distribution: VGI (St Thomas). 0-20 m. WA.

Literature: *Pachycheles rugimanus* - Schmitt 1935: 184, St Thomas. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands.

Pachycheles serratus (Benedict, 1901)

Distribution: VGI (St Thomas), IOV (Margarita, Cubagua). 0-20 m. WA.

Literature: *Pachycheles serratus* - Schmitt 1935: 185, St Thomas. - Haig 1962: 181, St Thomas. - Lira 1997: tab. 4, Margarita. - Lira *et al.* 2007: 40, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Margarita.

Pachycheles susanae Gore & Abele, 1974

Distribution: ICA (Martinique), IOV (Coche, Cubagua, Tortuga). 0-20 m. WA.

Literature: *Pachycheles susanae* - Lira 2004: tab. 1, Tortuga. - Lira *et al.* 2007: 39, Coche, Tortuga. - Rodríguez *et al.* 2005: 557,

Martinique, Cubagua. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: tab. 2, Martinique, Coche, Cubagua, Tortuga.

Parapetrolisthes tortugensis (Glassell, 1945)

Distribution: VGI (St Thomas, St John, Jost Van Dyke, Tortola), ICA (Guadeloupe), IOV (Tortuga). 8-54 m. WA.

Literature: *Parapetrolisthes tortugensis* - Haig 1956 : 22, Tortuga. - Haig 1962: 172, St Thomas, St John, Jost Van Dyke, Tortola. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 12, tab. 2, Virgin Islands, Guadeloupe, Tortuga.

Petrolisthes tortugensis - Rodríguez 1980: 217, Tortuga. - Lira 2004: tab. 1, Tortuga.

Petrolisthes amoenus (Guérin-Ménéville, 1855)

Distribution: VGI (St Croix, Jost Van Dyke), ICA (St Martin, Antigua, Guadeloupe, Martinique, St Lucia, Barbados, Grenada, Tobago, Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). 1-140 m. WA.

Literature: *Petrolisthes amoenus* - Schmitt 1924a: 74, Curaçao. - Schmitt 1924b: 89, Barbados. - Chace 1956: 152, Los Roques. - Haig 1956: 25, Tobago. - Haig 1962: 177, St Croix, Jost Van Dyke (Tobago). - Schmitt 1935: 185, Barbados, Curaçao. - Schmitt 1936: 374, Bonaire. - Gore 1974: 707, Antigua, St Lucia, Grenada. - Rodríguez 1980: 217, Curaçao, Bonaire. - Lira 1997: tab. 4, Margarita. - Rodríguez *et al.* 2005: 559, Barbados, Trinidad, Cubagua, Los Roques, Bonaire, Curaçao. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 12, tab. 2, Virgin Islands, Antigua, Guadeloupe, St Lucia, Barbados, Grenada, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao. - Lira *et al.* 2017b: 26, Los Roques.

Fieldworks: *Petrolisthes amoenus* - Saint-Martin, RNN Inventory 22/04/2012, UF32408, photo Dstm_7048 (re-det. J. Poupin 2014 from *Petrolisthes galathinus*). - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Petrolisthes armatus (Gibbes, 1850)

Distribution: VGI (St Thomas), ICA (Guadeloupe, Martinique, Trinidad), IOV (Coche, Margarita, Cubagua, Tortuga, Blanquilla, Tortuga, Curaçao). 0-60 m. ATL-EP.



Figure 146: *Petrolisthes amoenus*. Martinique, 2009. Photo Yan Buske.

Literature: *Petrolisthes armatus* - Stimpson 1859: 73, St Thomas. - Rathbun 1920a: 11, Curaçao. - Schmitt 1935: 186, St Thomas. - Haig 1962: 178, St Thomas. - Gore 1974: 709, Trinidad. - Rodríguez 1980: 217, Margarita, Curaçao. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 1997: tab. 4, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites). - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Rodríguez *et al.* 2005: 545, tab. 1, Coche, Margarita, Cubagua. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 14, tab. 2, Virgin Islands, Guadeloupe, Trinidad, Margarita, Cubagua, Blanquilla, Tortuga, Curaçao.

Petrolisthes bolivarensis Werdning & Kraus, 2003

Distribution: IOV (Cubagua). 0-2 m. WA.

Literature: *Petrolisthes bolivarensis* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.



Figure 147: *Petrolisthes caribensis*. KARUBENTHOS 2012, 1 ♂ 5.5x5.3 mm, MNHN-IU-2013-4978, st. GB32. Photo Joseph Poupin/Laure Corbari.

Petrolisthes caribensis Werdning, 1983

Distribution: ICA (St Martin, Guadeloupe, Martinique), IOV (Bonaire, Curaçao). 0-5 m. WA.

Literature: *Petrolisthes caribensis* - Poupin & Lemaitre 2014: tab. 2, St Martin, Guadeloupe, Martinique, Bonaire, Curaçao.

Fieldwork: *Petrolisthes caribensis* - Saint-Martin, RNN Inventory 2012, UF31852, photo Dstm_0206, 9/4/2012; UF31912, photo Dstm_1158, 11/4/2012; UF31968, photo Dstm_2361, 12/4/2012; UF32175, photo Dstm_3555, 19/4/2012; UF32452, photo Dstm_4060, 23/4/2012; UF32194, photo Dstm_5654, 16/4/2012; UF32386, photo Dstm_6872, 22/4/2012.

Petrolisthes dissimulatus Gore, 1983

Distribution: VGI (St Thomas, St John), ICA (Guadeloupe, Martinique, Barbados), IOV (Curaçao). 0-20 m. WA.

Literature: *Petrolisthes dissimulatus* Gore, 1983b: 94, St Thomas, St John, Barbados, Curaçao. - Rodríguez *et al.* 2005: 561, Martinique. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Guadeloupe, Martinique, Barbados, Curaçao.

Petrolisthes galathinus (Bosc, 1802)

Distribution: VGI (St Thomas, St Croix, Jost Van Dyke, St John), ICA (St Martin, Guadeloupe, Isla de Aves, Barbados, Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 0-55 m. WA-EP.

Literature: *Petrolisthes galathinus* - Nobili 1898: 2, St Thomas. - A. Milne-Edwards & Bouvier 1923: 289, St John (Flanagan Passage). - Rathbun 1920a: 11, Curaçao. - Schmitt 1924a: 73, Curaçao. - Schmitt 1924b: 88, Barbados. - Schmitt 1935: 186, St Thomas [also Culebra, Vieques]. - Schmitt 1936: 374, Aruba. - Chace 1956: 152, Los Roques. - Haig 1956 : 22, Trinidad, Cubagua. - Haig 1962: 175, St Thomas, St John, St Croix, Jost Van Dyke (Tobago, in VGI). - Gore 1974: 712, Guadeloupe. - Rodríguez 1980: 217, Margarita, Cubagua, Bonaire, Curaçao, Aruba. - Grajal & Laughlin 1984: 225, Los Roques. - Lira 1997: tab. 4, Margarita. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites). - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hiller *et al.* 2006: tab. 2, Cubagua ['White teeth' form]. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 17, tab. 2, Virgin Islands, Guadeloupe, Barbados, Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba. - Lira *et al.* 2017b: 26, Los Roques.

Fieldwork: *Petrolisthes galathinus* - Saint-Martin, RNN Inventory 2012, UF31896, photo Dstm_0538, 10/4/2012; UF32557, photo Dstm_4334, 26/4/2012; UF32191, photo Dstm_5641, 16/4/2012; UF32192, photo Dstm_5647, 16/4/2012; UF32502, photo Dstm_7150, 23/4/2012; UF32515, photo Dstm_7432, 25/4/2012; UF32557, photo Dstm_7578, 25/4/2012.

Petrolisthes gertrudae Werdning, 1996

Distribution: ICA (Guadeloupe), IOV (Bonaire). 0-20 m. WA.

Literature: *Petrolisthes gertrudae* Werdning 1996: 300, Guadeloupe, Bonaire. - Poupin & Lemaitre 2014: tab. 2, Guadeloupe, Bonaire.

Petrolisthes hispaniolensis Werdning & Hiller, 2005

Distribution: ICA (Guadeloupe). 0-20 m. Only/Antilles.

Literature: *Petrolisthes hispaniolensis* - Poupin & Lemaitre 2014: tab. 2, Guadeloupe.

Petrolisthes jugosus Streets, 1872

Distribution: VGI (St Thomas, St Croix, Jost Van Dyke), ICA (St Martin, Guadeloupe, Barbados), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao). 0-146 m. WA.

Literature: *Petrolisthes jugosus* Streets, 1872: 134, St Martin. - Schmitt 1924a: 74, Curaçao. - Schmitt 1924b: 88, Barbados. - Schmitt 1935: 186, St Thomas, St Martin, Barbados. - Schmitt 1936: 374, Bonaire. - Holthuis 1959: 76, St Martin. - Haig 1962: 180, St Thomas,

St Croix, Jost Van Dyke (Tobago, in VGI). - Scelzo & Varela 1988: 37, Blanquilla. - Lira 1997: tab. 4, Margarita. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 20, tab. 2, Virgin Islands, St Martin, Guadeloupe, Barbados, Jost Van Dyke (as Tobago in VGI, not in ICA as reported by error), Cubagua, Margarita, Blanquilla, Tortuga, Bonaire, Curaçao. - Lira *et al.* 2017b: 26, Los Roques. *Pisosoma jugosum* - Haig 1956 : 16, Tobago, Tortuga, Cubagua, Curaçao. - Rodríguez 1980: 215, Cubagua, Tortuga, Curaçao, Bonaire.

Fieldwork: *Petrolisthes jugosus* - Saint-Martin, RNN Inventory 2012 [from MNHN/SPN/TAXREF, no UF].

Petrolisthes magdalenensis Werdning, 1978

Distribution: ICA (Tobago, Trinidad), IOV (Margarita, Cubagua, Tortuga). 0-20 m. WA.

Literature: *Petrolisthes lewisi* - Lira 1997: tab. 4, Margarita. - Lira 2004: tab. 1, Tortuga. - Both probably not *P. lewisi* (Glassell, 1936), an EP species, but probably instead *P. magdalenensis*, sister species in WA.

Petrolisthes magdalenensis - Rodríguez *et al.* 2005: 563, Tobago, Trinidad [no material examined and origin of these records not retrieved in literature; perhaps from ?Werdning unpublished collections]. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: tab. 2, Tobago, Trinidad, Margarita.

Petrolisthes marginatus Stimpson, 1859

Distribution: VGI (St Thomas, St John), ICA (Saba, Isla de Aves, Dominica, Barbados, Tobago, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao). 0-20 m. ATL.

Literature: *Petrolisthes marginatus* - Stimpson 1859: 74, Barbados. - Schmitt 1924a: 73, Curaçao. - Schmitt 1924b: 88, Barbados. - Schmitt 1935: 187, Barbados, Curaçao. - Haig 1956: 26, Tobago (Buccoo Reef), Curaçao. - Haig 1962: 176, St Thomas, Jost Van Dyke (Tobago, in VGI), Barbados, Tobago, Curaçao. - Rodríguez 1980: 218, Barbados, Tobago, Los Roques, Curaçao. - Gore 1983b: 92, St John, Saba, Isla de Aves, Tobago, Trinidad, Bonaire (Klein Bonaire), Curaçao. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 1997: tab. 4, Margarita. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Isla de Aves, Dominica, Trinidad, Tobago, Margarita, Los Roques, Bonaire, Curaçao.

Petrolisthes cessacii (A. Milne-Edwards) - Gore 1974: 710, Trinidad - *Porcellana cessacii* A. Milne-Edwards, 1878 accepted as *Petrolisthes marginatus* in WoRMS (2018).

Petrolisthes politus (Gray, 1831)

Distribution: VGI (St Thomas, St John, St Croix), ICA (Antigua, Guadeloupe, Isla de Aves, Barbados, Tobago), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 0-1 m. WA.

Literature: *Porcellana polita* - A. Milne-Edwards & Bouvier 1923: 293, St Thomas.

Petrolisthes magnifica (Gibbes) - Rathbun 1920a: 11, Bonaire, Curaçao. - Schmitt 1924a: 74, Curaçao. - Schmitt 1924b: 89,



Figure 148: *Petrolisthes jugosus*. Martinique, 2012, det. J. Poupin. Photo Yan Buske.

Antigua, Barbados - *Porcellana magnifica* Gibbes, 1850 accepted as *Petrolisthes politus* in WoRMS (2018).

Petrolisthes politus - Stimpson 1859: 74, Barbados, St Thomas. - Schmitt 1935: 187, St Thomas, Curaçao. - Schmitt 1936: 374, Bonaire. - Monod 1939: 559, Guadeloupe. - Haig 1956: 21, Tobago, Curaçao. - Haig 1962: 178, St Thomas, St John, St Croix. - Rodríguez 1980: 217, Los Roques, Bonaire, Curaçao. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 1997: tab. 4, Margarita. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 20, tab. 2, Virgin Islands, Antigua, Guadeloupe, Isla de Aves, Barbados, Tobago, Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba.

Petrolisthes quadratus Benedict, 1901

Distribution: VGI (St John, St Croix), ICA (St Martin, Guadeloupe, Dominica, Barbados, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 0-1 m. WA.

Literature: *Petrolisthes quadratus* - Schmitt 1924a: 73, Curaçao. - Schmitt 1935: 187, Curaçao. - Haig 1956: 18, Cubagua, Curaçao, Aruba. - Haig 1962: 179, St John, St Croix. - Chace & Hobbs 1969: 121, Dominica, Cubagua, Curaçao, Aruba. - Rodríguez 1980: 216, Cubagua, Curaçao, Aruba. - Scelzo & Varela 1988: 37, Blanquilla. - Rodríguez *et al.* 2005: 565, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 21, tab. 2, Virgin Islands, Guadeloupe, Dominica, Barbados, Trinidad, Blanquilla, Cubagua, Tortuga, Bonaire, Curaçao, Aruba. - Lira *et al.* 2017b: 26, Los Roques.

Fieldwork: *Petrolisthes quadratus* - Saint-Martin, RNN Inventory 2012, UF31920, photo Dstm_1220, 11/4/2012; UF31974, photo Dstm_2415, 12/4/2012.

Petrolisthes rosariensis Werdning, 1978b

Distribution: ICA (Guadeloupe, Tobago). 1-35 m (35 m, from Poupin & Lemaitre 2014). WA.

Literature: *Petrolisthes rosariensis* - Werdning *et al.* 2003: 81, tab. 1 (Lesser Antilles; probably from NMNH holdings 270473 and 270474, Tobago Island, com. pers. R. Lemaitre). - Poupin & Lemaitre 2014: tab. 2, Guadeloupe.



Figure 149: *Petrolisthes politus*. Guadeloupe, KARUBENTHOS 2012, 1 ♂ 4.9x5.2 mm, MNHN-IU-2013-6858, st. GM07. Photo Joseph Poupin/Laure Corbari.

Petrolisthes sanmartini Werdning & Hiller, 2002

Distribution: ICA (St Martin). 2-3 m. WA.

Fieldwork: *Petrolisthes sanmartini* - Saint-Martin, RNN Inventory 2012, UF32409, photo Dstm_4044, 23/4/2012 [There are four spines on P3 dactyl for this species; determination is from Hiller/Werdning; a first record for Lesser Antilles].

Petrolisthes tonsorius Haig, 1960

Distribution: ICA (St Martin), IOV (Margarita, Cubagua, Tortuga). 0-20 m. WA-EP.

Literature: *Petrolisthes tonsorius* - Lira 1997: tab. 4, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites). - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hiller *et al.* 2006: tab. 2, Cubagua. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: tab. 2, Margarita.

Fieldwork: *Petrolisthes tonsorius* - Saint-Martin, RNN Inventory 2012, UF31931, photo Dstm_1238, 11/4/2012.

Petrolisthes tridentatus Stimpson, 1859

Distribution: VGI (St Thomas, St John, St Croix), ICA (?St Martin, Antigua, Barbados, Trinidad), IOV (Margarita, Cubagua). 0-20 m. WA.

Literature: *Petrolisthes tridentatus* - Stimpson 1859: 75, Barbados, St Thomas. - A. Milne-Edwards & Bouvier 1923: 291, St Thomas. - Schmitt 1924b: 88, Barbados. - Schmitt 1935: 187, St Thomas, Barbados, Trinidad. - Haig 1956: 18, Cubagua. - Haig 1962: 179, St Thomas, St John, St Croix. - Rodríguez 1980: 216, Cubagua. - Lira 1997: tab. 4, Margarita. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Antigua, Barbados, Trinidad, Margarita, Cubagua.

Fieldwork: *Petrolisthes tridentatus* - Saint-Martin, RNN Inventory 2012, UF31932, photo Dstm_1241, 11/4/2012; UF32168, photo Dstm_2833, 17/4/2012; UF32169, photo Dstm_2838, 17/4/2012; UF32075, photo Dstm_5127, 14/4/2012; UF32376, photo Dstm_6759, 20/4/2012 - Det. J. Poupin (2014) from photos only; *Petrolisthes quadratus* cannot be totally excluded.

Pisidia brasiliensis Haig in Rodrigues da Costa, 1968

Distribution: IOV (Margarita). 0-20 m. WA (continental).

Literature: *Pisidia brasiliensis* - Lira 1997: tab. 4, Margarita. - Rodríguez *et al.* 2005: 545, tab. 1, Margarita. - Poupin & Lemaitre 2014: tab. 2, Margarita.

Polyonyx gibbesi Haig, 1956

Distribution: ICA (Trinidad), IOV (off Margarita). 0-50 m. WA (continental).

Literature: *Polyonyx gibbesi* - Gore 1974: 713, off Venezuela, between Margarita, Trinidad. - Rodríguez *et al.* 2005: 568, Trinidad.

Porcellana sayana (Leach, 1820)

Distribution: VGI (St Thomas, St John, St Croix, Jost Van Dyke), ICA (St Eustatius, Antigua, Guadeloupe, Martinique, Barbados), IOV (Coche, Margarita, Tortuga, Cubagua, Blanquilla, Tortuga, Los Roques). 1-183 m. WA.

Literature: *Porcellana ocellata* - Stimpson 1859: 77, St Thomas - *Porcellana ocellata* Gibbes, 1850 accepted as *P. sayana* in WoRMS (2018).



Figure 150: *Porcellana sayana*. Guadeloupe, KARUBENTHOS 2012, 1 sp. about 8.0x7.5 mm, MNHN-IU-2013-4985, st. GR31. Photo Joseph Poupin/Laure Corbari.

Porcellana robertsoni Henderson, 1888: 111, north of Culebra, St Thomas - Accepted as *P. sayana* in WoRMS (2018).

Porcellana sayana - Henderson 1888: 109, St Thomas. - Schmitt 1924b: 90, Barbados, Antigua (English Harbor). - Schmitt 1935: 189, St Thomas. - Chace 1956: 152, Los Roques. - Haig 1956: 31, Coche, Cubagua. - Gore 1974: 715, Martinique, Margarita (Borracha), Los Roques. - Haig 1962: 186, St Thomas, St John, St Croix, Jost Van Dyke (Tobago). - Rodríguez 1980: 219, Coche, Cubagua. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 1997: tab. 4, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites). - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2012: tab. 1, Tortuga. - Poupin & Lemaitre 2014: 22, tab. 2, Virgin Islands, Antigua, Guadeloupe, Martinique, Barbados, Coche, Margarita, Cubagua, Blanquilla, Tortuga, Los Roques. - Faasse 2016: 52, St Eustatius [photo of a specimen (fig. 4)]. - Poupin & Corbari 2016: 51, Guadeloupe. - Lira *et al.* 2017b: 27, Los Roques.

Porcellana sigsbeiana A. Milne-Edwards, 1880

Distribution: VGI (St John), ICA (Guadeloupe, Trinidad), IOV (Testigos, Margarita). 15-400 m. WA.

Literature: *Porcellana sigsbeiana* A. Milne-Edwards, 1880: 35, St John (Flanagan Passage). - A. Milne-Edwards & Bouvier 1923: 292, St John (Flanagan Passage). - Schmitt 1935: 190, St John (Flanagan Passage). - Gore 1974: 716, Trinidad, Testigos, Margarita (Borracha). - Poupin & Lemaitre 2014: tab. 2, Virgin Islands, Guadeloupe, Trinidad, Margarita.

Superfamily Hippoidea Latreille, 1825

Family Albuneidae Stimpson, 1858

Albunea gibbesii Stimpson, 1859

Distribution: ICA (Martinique). 0-90 m. WA (also Ascension Island).

Literature: *Albunea gibbesii* - Carré 2005: 23, Martinique.

Albunea paretii Guérin-Méneville, 1853

Distribution: VGI (St Thomas), ICA (St Martin, St Eustatius, St Kitts, Nevis, Antigua, Guadeloupe, St Lucia, Barbados, Trinidad), IOV (Margarita, Cubagua, Curaçao). 0-101 m. WA.

Literature: *Albunea oxyophthalma* Miers, 1878: 329, St Kitts (St Christopher). - Monod 1939: 560, Guadeloupe - Accepted as *A. paretii* in Boyko (2002), WoRMS (2018).

Albunea paretii - Hernández & Bolaños 1995a: 77, Margarita. - Lira 1997: tab. 5, Margarita. - Boyko 2002: 327, St Thomas, St Martin, St Eustatius, Nevis, Antigua, Guadeloupe, St Lucia, Barbados, Trinidad, Curaçao. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Lepidopa luciae Boyko, 2002

Distribution: ICA (St Lucia, ?Barbados, Trinidad). 0-?2 m. WA.

Literature: *Lepidopa luciae* Boyko, 2002: 93, St Lucia, ?Barbados, Trinidad - ?Barbados from Schmitt (1924b: 96) as *Lepidopa richmondi* (see under *L. richmondi*).

Lepidopa richmondi Benedict, 1903

Distribution: VGI (St Thomas), ICA (St Eustatius, ?Barbados, Tobago, Trinidad), IOV (Margarita). 0-8 m. WA.

Literature: *Lepidopa scutellata* - Stimpson 1858: 230; 1859: 79, St Thomas. - Schmitt 1924b: 96, Barbados - Not *Thia scutellata* (Fabricius) in Boyko (2002: 396) but *L. richmondi* instead with this remark for Schmitt's record 'Although it is very possible that Schmitt (1924b) did have a *Lepidopa* larva, its identity cannot be determined. Given the Barbados locality, it was probably either *L. richmondi* or *L. luciae* n. sp., both of which have been collected in nearby Trinidad'.

Lepidopa richmondi - Lira 1997: tab. 5, Margarita. - Boyko 2002: 152, Virgin Islands, St Eustatius, Tobago, Trinidad.

Lepidopa venusta Stimpson, 1859

Distribution: VGI (St Thomas). 0-?2 m. WA.

Literature: *Lepidopa venusta* Stimpson, 1859: 79, St Thomas. - Schmitt 1935: 210, St Thomas. - Boyko 2002: 122, St Thomas.

Zygopa michaelis Holthuis, 1961

Distribution: IOV (Curaçao). 4-73 m. WA.

Zygopa michaelis Holthuis, 1961: 22, Curaçao. - Rodríguez 1980: 238, Curaçao. - Boyko 2002: 204, Curaçao [Types].

Family Hippidae Latreille, 1825

Emerita brasiliensis Schmitt, 1935

Distribution: IOV (Margarita, Cubagua). 0-10 m. WA.

Literature: *Emerita emerita* (Linnaeus) - Türkay 1968: 249, Margarita - Not *Emerita emerita* (Linnaeus, 1767), an IWP species but most probably *E. brasiliensis* instead (cf. Rodríguez 1980: 241).

Emerita brasiliensis - Rodríguez 1980: 240, Margarita. - Lira 1997: tab. 5, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Emerita portoricensis Schmitt, 1935

Distribution: ICA (Trinidad). 0-1 m. WA.

Literature: *Emerita portoricensis* - Schmitt 1935: 217, Trinidad. - Abele & Kim 1986: 38, Trinidad.

Emerita talpoida (Say, 1817)

Distribution: ICA (Guadeloupe, Martinique). 1-2 m. WA.

Fieldworks: *Emerita talpoida* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, st. GR11, 13 m, MNHN-IU-2013-6726; st. GM 21, 2 m, MNHN-IU-2013-4531.
Emerita talpoida. - Martinique, BIOSPHERES 2015, coll. R. Ferry, det. J. Poupin (photo n°80), December 2015.

Hippa testudinaria (Herbst, 1791)

Distribution: VGI (St Thomas, St Croix), ICA (Isla de Aves, Martinique, Barbados), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 0-2 m. ATL.

Literature: *Remipes scutellatus* - Doflein 1899: 182, Martinique - Accepted as *Hippa testudinaria* in Manning & Chace (1990), WoRMS (2018).

Hippa cubensis (Saussure, 1857) - Rathbun 1920a: 14, Curaçao. - Schmitt 1924a: 80, Curaçao. - Schmitt 1924b: 95, Barbados. - Schmitt 1935: 217, St Thomas, St Croix. - Schmitt 1936: 377, Bonaire, Curaçao, Aruba. - Chace 1956: 153, Los Roques. - Abele & Kim 1986: 38, St Thomas. - Lira 1997: tab. 5, Margarita. - Scelzo & Varela 1988: 36, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga - *Remipes cubensis* Saussure, 1857 accepted as *Hippa testudinaria* (Herbst, 1791) in WoRMS (2018).

Hippa testudinaria - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Superfamily Lithodoidea Samouelle, 1819

Family Lithodidae Samouelle, 1819

Lithodes manningi Macpherson, 1988

Distribution: ICA (Guadeloupe, Dominica). 640-777 m. WA.

Literature: *Lithodes manningi* Macpherson, 1988: 62, Dominica. Lithode 1 - Gervain *et al.* 2002: 34, Guadeloupe - R/V Polka, trap, 345-926 m, det. from photo as *L. manningi* by J. Poupin, May 2015.

Neolithodes agassizii (Smith, 1882)

Distribution: ICA (Guadeloupe, Martinique, St Lucia). 200-1 900 m. WA.

Literature: *Neolithodes agassizii* - Macpherson 1988: 33, Martinique, St Lucia.

Lithode 2 - Gervain *et al.* 2002: 34, Guadeloupe - R/V Polka, trap, 684-1499 m; det. from photo as *N. agassizii* by J. Poupin, May 2015.



Figure 151: *Emerita talpoida*. Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, st. GR11, 13 m, MNHN-IU-2013-6726. Photo Joseph Poupin/Laure Corbari.

Paralomis cubensis Chace, 1939

Distribution: ICA (Guadeloupe, Martinique). 200-730 m. WA.

Literature: *Paralomis cubensis* - Paulmier 1993: 25, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 32, Guadeloupe.

Paralomis pectinata Macpherson, 1988

Distribution: ICA (Guadeloupe), IOV (Margarita, Blanquilla). 926-1 629 m. WA.

Literature: *Paralomis pectinata* Macpherson, 1988: 103, Margarita, Blanquilla.

'Araignée' - Gervain *et al.* 2002: 35, Guadeloupe - R/V Polka, trap 926-1 202 m, det. from photo as *P. pectinata*, J. Poupin May 2015.

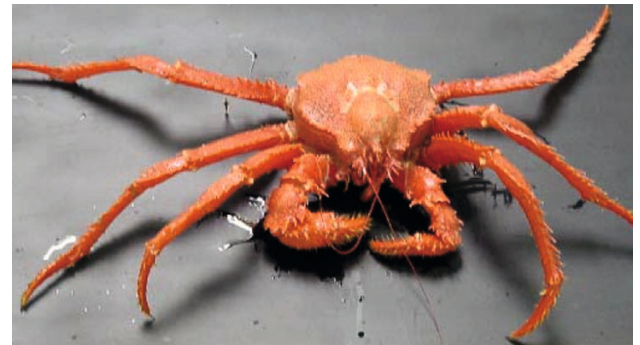


Figure 152: *Paralomis pectinata*. As 'Araignée' in Gervain *et al.* (2002: 35), Guadeloupe, R/V Polka, trap 926-1202 m, det. J. Poupin from photo, May 2015. Photo from Gervain *et al.* 2002.

Superfamily Paguroidea Latreille, 1802

Family Coenobitidae Dana, 1851

Coenobita clypeatus (Fabricius, 1787)

Distribution: VGI (St Thomas, St Croix, St John, Peter, Tortola, Virgin Gorda), ICA (St Martin, St Barthélemy, Saba, St Eustatius, St Kitts, Nevis, Barbuda, Antigua, Guadeloupe, Isla de Aves, Dominica, Martinique, St Lucia, Barbados, Trinidad), IOV (Blanquilla, Tortuga, Los Roques, Las Aves archipelago, Bonaire, Curaçao, Aruba). Littoral only. WA.

Literature: *Coenobita diogenes* - H. Milne Edwards 1837 (1834-1840): 240 'Habite les Antilles'. - Pocock 1889: 6, Dominica. - Verrill 1892: 353, Dominica - Not *Coenobita diogenes* (Linnaeus, 1767) in Chace & Hobbs (1969).

Coenobita clypeatus - Rathbun 1920a: 13, St Eustatius, Klein Bonaire, Curaçao. - Schmitt 1924a: 80, Curaçao. - Schmitt 1924b: 95, Antigua, Barbados. - Schmitt 1935: 207, Culebra, St Thomas. - Schmitt 1936: 377, Bonaire, Curaçao, Aruba. - Monod 1939: 560, Guadeloupe. - Chace & Holthuis 1948: 24, St Croix, Aves, Bonaire, Curaçao, Aruba. - Chace 1956: 153, Los Roques. - Holthuis 1959: 76, St Martin. - Chace & Hobbs 1969: 123, St Thomas, St Croix, Saba, Antigua, Guadeloupe, Dominica, Barbados, Trinidad, Los Roques, ?Las Aves archipelago, Bonaire, Curaçao, Aruba. - Hagen 1977: 42, Trinidad. - Scelzo & Varela 1988: 36, Blanquilla. - García *et al.* 1998: 27, Isla de Aves. - Yokoyama 2010: 102, St Martin. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Questel 2014: 11, St Barthélemy. - Lemaitre & Tavares 2015: tab. 2, St Thomas, St Croix, St John (Nameless Cay);



Figure 153: *Coenobita clypeatus*. Guadeloupe, KARUBENTHOS 2012, littoral at st. GM26, May 20, 2012 (MNHN-IU-2013-6717). Photo Joseph Poupin.

Norman Island (Carrot Rock); Peter Island), Tortola (Guana), Virgin Gorda (Cockroach Island), Saba, St Kitts, Nevis, Barbuda, Antigua, Dominica, St Lucia, Barbados, Trinidad, Bonaire, Curaçao [From NMNH collection, with this mention 'not south of Trinidad']. - Faasse 2016: 52, St Eustatius.

Fieldwork: *Coenobita clypeatus* - Guadeloupe, KARUBENTHOS 2012 (littoral), det. R. Lemaitre, Besse Workshop 2013, 8 spp, st. GM 02, MNHN-IU-2013-6746; 20 spp, st. GM 02, MNHN-IU-2013-6778; 1 sp, st. GM 02, MNHN-IU-2013-5341; 2 spp, st. GM 04, MNHN-IU-2013-6758; 1 sp, st. GM 04, MNHN-IU-2013-6777; 1 sp, st. GM 05, MNHN-IU-2013-6770; 1 sp, st. GM 06, MNHN-IU-2013-6768; 1 sp, st. GM 07, MNHN-IU-2013-6760; 1 sp, st. GM 16, MNHN-IU-2013-6651; 3 spp, st. GM 22, MNHN-IU-2013-6647; 1 sp, st. GM 22, MNHN-IU-2013-4567; 1 sp, st. GM 26, MNHN-IU-2013-6717; 1 sp, st. GM 31, MNHN-IU-2013-4705.

Family Diogenidae Ortmann, 1892

Allodardanus bredini Haig & Provenzano, 1965

Distribution: ICA (Nevis, Guadeloupe), IOV (Curaçao). 100-450 m. WA.

Literature: *Allodardanus bredini* Haig & Provenzano, 1965: 203, Nevis. - Poupin 1994: 30, Guadeloupe. - Lemaitre & Tavares 2015: 466, Nevis, Curaçao. - Poupin & Corbari 2016: 51, Guadeloupe.

Fieldwork: *Allodardanus bredini* - Guadeloupe, coll. Lamy, 2002-2003, traps & nets 100-300 m, det. P.A. McLaughlin, Paris MNHN, 2005.

Areopaguristes hummi (Wass, 1955)

Distribution: IOV (Cubagua). 1-22 m. WA.

Literature: *Paguristes hummi* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Areopaguristes oxyophthalmus (Holthuis, 1959)

Distribution: ICA (Guadeloupe, Trinidad). 27-494 m. WA.

Literature: *Areopaguristes oxyophthalmus* - Ayón-Parente *et al.* 2015: 502, Trinidad.

Fieldwork: *Paguristes oxyophthalmus* - Guadeloupe, KARUBENTHOS 2012 (16-160 m), det. R. Lemaitre, Besse 2013; st. GB30, 16 m, 1 sp., MNHN-IU-2013-5321; st. GD01, 80 m, 1 sp., MNHN-IU-2013-5340, photo, 9 spp, MNHN-IU-2013-4708; 1 sp., MNHN-IU-2013-4297; st. GD02, 80 m, 8 spp, MNHN-IU-2013-5028; st. GD25, 160 m, 1 sp., MNHN-IU-2013-4297; st. GD28, 110 m, 2 spp, MNHN-IU-2013-4388; st. GD31, 85 m, MNHN-IU-2013-4149; st. GD33, 130 m, 1 sp., MNHN-IU-2013-5465; st. GD35, 66 m, 1 sp., MNHN-IU-2013-4296; st. GD36, 65 m, 2 sp., MNHN-IU-2013-4687; st. GD37, 60 m, 2 spp, MNHN-IU-2013-4410, 1 sp., MNHN-IU-2013-4565; st. GD59, 88 m, 1 sp., MNHN-IU-2013-5603; st. GD69, 60 m, 3 spp, MNHN-IU-2013-4869; st. GS05, 22 m, 1 sp., MNHN-IU-2013-5476; st. GS11, 17 m, 1 sp., MNHN-IU-2013-4843; st. GS16, 25 m, 1 sp., MNHN-IU-2013-5006; st. GS18, 49 m, 3 spp, MNHN-IU-2013-5129; st. GS23, 7 m, 1 sp., MNHN-IU-2013-4848; st. GS36, 50 m, 1 sp., MNHN-IU-2013-5237.

Remark: *Paguristes oxyophthalmus* is transferred to the genus *Areopaguristes* in Ayón-Parente *et al.* (2015).

Bathynarius anomalus (A. Milne-Edwards & Bouvier, 1893)

Distribution: ICA (Guadeloupe, St Vincent, Barbados), IOV (Curaçao). 150-472 m. WA.

Literature: *Clibanarius anomalus* A. Milne-Edwards & Bouvier, 1893: 157, St Vincent (Grenadines), Barbados.

Bathynarius anomalus - Poupin 1994: 30, Guadeloupe. - Lemaitre & Tavares 2015: 467, Curaçao. - Poupin & Corbari 2016: 52, Guadeloupe.

Calcinus tibicen (Herbst, 1791)

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Martin, St Eustatius, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao). 0-33 m, extended herein to 60 m (KARUBENTHOS 2012, st. GD64). WA.

Literature: *Pagurus sulcatus* - H. Milne Edwards 1837 (1834-1840): 230, 'Habite les Antilles'.

Calcinus sulcatus - Nobili 1898: 2, St Thomas - *Calcinus sulcatus* H. Milne Edwards, 1836 accepted as *Calcinus tibicen* (Herbst, 1791) in WoRMS (2018).



Figure 154: *Calcinus tibicen*. Guadeloupe, KARUBENTHOS 2012, st GM02. Photo Joseph Poupin.

Calcinus tibicen - Rathbun 1920a: 13, St Eustatius. - Schmitt 1924a: 79, Curaçao. - Schmitt 1924b: 94, Antigua and/or Barbados. - Schmitt 1935: 198, St Thomas. - Schmitt 1936: 376, Bonaire. - Chace 1956: 152, Los Roques. - Provenzano 1961: 152, St John. - Hazlett 1966: 47, Curaçao. - Rodríguez 1980: 222, Curaçao. - Campos & Lemaitre 1994: 138, St Croix, Antigua, Barbados, Curaçao. - Scelzo & Varela 1988: 36, Blanquilla. - Lira 1997: tab. 3, Margarita. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 1, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Faasse 2016: 52, St Eustatius.

Fieldworks: *Calcinus tibicen* - Saint-Martin, RNN Inventory 9/04/2012, UF31855, photo Dstm_0227; UF31856, photo Dstm_0323. - Guadeloupe, KARUBENTHOS 2012 (2-60 m), det. R. Lemaitre, Besse 2013; st. GB35, 2 m, MNHN-IU-2013-5240, 1 sp.; st. GD52, 6 m, MNHN-IU-2013-4483, 11 spp.; st. GD64, 60 m, MNHN-IU-2013-4414, 1 sp.; st. GM 02, 1 m, MNHN-IU-2013-6840, 1 sp., MNHN-IU-2013-6743, 9 spp., MNHN-IU-2013-6761, 6 spp.; st. GM 06, 1 m, MNHN-IU-2013-6846, 6 spp., MNHN-IU-2013-6747, 8 spp., MNHN-IU-2013-5127, 5 spp., MNHN-IU-2013-5335, 2 spp., MNHN-IU-2013-6839, photo, 2 spp.; st. GM 07, 1 m, MNHN-IU-2013-6835, 2 spp.; st. GM 17, 1 m, MNHN-IU-2013-6845, 9 spp.; st. GM 20, 1 m, MNHN-IU-2013-4484, 9 spp.; st. GM 21, 2 m, MNHN-IU-2013-4403, 1 sp.; st. GM 22, 1 m, MNHN-IU-2013-6718, 3 spp.; st. GM 25, 1 m, MNHN-IU-2013-6736, 5 spp.; st. GM 31, 2 m, MNHN-IU-2013-4704, 2 spp.; st. GM 33, 6 m, MNHN-IU-2013-4672, 7 spp.; st. GM 34, 1 m, MNHN-IU-2013-5346, 5 spp.; st. GM 37, 2 m, MNHN-IU-2013-4830, 1 sp.; st. GR 01, 3 m, MNHN-IU-2013-4692, 1 sp.; st. GR 03, 6 m, MNHN-IU-2013-4702, 5 spp.; st. GR 50, 4 m, MNHN-IU-2013-4506, 1 sp.; st. GR 55, 19 m, MNHN-IU-2013-4498, 4 spp.; st. GS 30, 2 m, MNHN-IU-2013-4387, 3 spp., MNHN-IU-2013-4572, 1 sp.; st. GS 35, 3 m, MNHN-IU-2013-5246, 1 sp.; st. GS 39, 16 m, MNHN-IU-2013-4502, 1 sp. - Martinique, photo in situ Y. Buske, Mitan Epave, Anse Dufour; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Cancellus ornatus Benedict, 1901

Distribution: ICA (Antigua, Guadeloupe, Martinique, Grenada, Trinidad), IOV (Tortuga). 37-366 m. WA.

Literature: *Cancellus ornatus* - Mayo 1973: 9, tab. 1, Antigua (Sombbrero), Grenada, Trinidad, Tortuga. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Poupin & Corbari 2016: 52, Guadeloupe.

Clibanarius antillensis Stimpson, 1859

Distribution: VGI (St John), ICA (St Martin, Guadeloupe, Martinique, Barbados), IOV (Margarita, Cubagua, Tortuga, ?Los Roques, Bonaire, Curaçao). 0-6 m. WA.

Literature: *Clibanarius antillensis* Stimpson, 1859: 85, Barbados. - Schmitt 1924a: 79, Curaçao. - Schmitt 1935: 199, Curaçao. - Schmitt 1936: 375, Bonaire (Klein Bonaire), Curaçao. - Chace 1956: 153, Los Roques [with a '?' and remark that without coloration this species can be confused with *C. tricolor*]. - Provenzano 1961: 152, St John. - Hazlett 1966: 38, Curaçao. - Rodríguez 1980: 223, Curaçao. - Lira 1997: tab. 3, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Clibanarius antillensis* - Saint-Martin, RNN Inventory 2012, 14/04/2012, UF32036, photo Dstm_2258; UF32041, photo Dstm_2297; UF32071 (det. from photo with hesitation), photo Dstm_5122. - Guadeloupe, KARUBENTHOS 2012 (0-6 m), det. R. Lemaitre, Besse 2013; coll. F. Gautier no station data, MNHN-IU-2013-5114, 2 spp.; GD52, 6 m, MNHN-IU-2013-4481, 5 spp.; GM 02, 1 m, MNHN-IU-2013-5036, 1 sp.; GM 06, 1 m, MNHN-IU-2013-4244, 4 spp.; MNHN-IU-2013-5049, 1 sp.; MNHN-IU-2013-5106, 1 sp.; MNHN-IU-2013-5113, 1 sp.; MNHN-IU-2013-5125, 17 spp.; MNHN-IU-2013-5324, 1 sp.; MNHN-IU-2013-5322, 3 spp.; MNHN-IU-2013-5334, 19 spp.; MNHN-IU-2013-5441, 1 sp.; MNHN-IU-2013-6744, 17 spp.; MNHN-IU-2013-6749, ~30 spp.; MNHN-IU-2013-6748, 8 spp.; MNHN-IU-2013-6776, 28 spp.; MNHN-IU-2013-6831, 6 spp.; MNHN-IU-2013-6833, 1 sp.; GM 02, 1 m, MNHN-IU-2013-6774, 10 spp.; GM 09, 1 m, MNHN-IU-2013-5044, 8 spp.; MNHN-IU-2013-5337, 2 spp.; GM 11, 1 m, MNHN-IU-2013-6832, 1 sp.; MNHN-IU-2013-5604, 6 spp.; GM 12, 3 m, MNHN-IU-2013-5118, 1 sp.; GM 18, 1 m, MNHN-IU-2013-4141, 20 spp.; GM 24, 2 m, MNHN-IU-2013-4497, 1 sp.; MNHN-IU-2013-4582, 4 spp.; GM 25, 1 m, MNHN-IU-2013-6737, ~30 spp.; GM 26, 1 m, MNHN-IU-2013-4391, 38 spp.; MNHN-IU-2013-4579, 1 sp.; GM 27, 1 m, MNHN-IU-2013-6837, photo, 10 spp.; GM 28, 2 m, MNHN-IU-2013-6742, 2 spp.; GM 32, 0 m, MNHN-IU-2013-5111, 1 sp.; GM 37, 2 m, MNHN-IU-2013-4831, 1 sp.; MNHN-IU-2013-5259, 6 spp.; GS 30, 2 m, MNHN-IU-2013-4386, 11 spp.; MNHN-IU-2013-4573, 1 sp.

Clibanarius sclopetarius (Herbst, 1796)

Distribution: VGI (St Thomas, St John), ICA (St Martin, Guadeloupe, Martinique, Trinidad), IOV (Margarita, Bonaire, Curaçao). 0-1 m. WA.

Literature: *Pagurus tuberculosis* - H. Milne Edwards 1837 (1834-1840): 229 'Habite les Antilles'. - Doflein 1899: 178, Martinique - Accepted as *Clibanarius sclopetarius* (Herbst, 1796) in WoRMS (2018).

Clibanarius sclopetarius - Stimpson 1859: 85, Trinidad. - Nobili 1898: 2, St Thomas.

Clibanarius cubensis - Schmitt 1936: 376, Bonaire. - Provenzano 1961: 152, St John. - Hazlett 1966: 41, Curaçao. - Lira 1997: tab. 3, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites) - *Clibanarius cubensis* (de Saussure, 1858) accepted as *Clibanarius sclopetarius* (Herbst, 1796) in WoRMS (2018).



Figure 155: *Clibanarius sclopetarius*. Martinique, October 2015. Photo Yan Buske.

Fieldworks: *Clibanarius scolopetarius* - Saint-Martin, RNN Inventory 2012, 15/04/2012, UF32122, photo Dstm_5454; 16/04/2012, UF32163, photo Dstm_2768, UF32162, photo Dstm_2773. - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaitre, Besse 2013; st. GM05, 1 m, MNHN-IU-2013-6740, 1 sp.; MNHN-IU-2013-6762, 1 sp.; MNHN-IU-2013-6841, 1 sp.; st. GM15, 1 m, MNHN-IU-2013-6639. - Martinique, photo in situ Y. Buske October 2015, det. J. Poupin February 2016.

Clibanarius symmetricus (Randall, 1840)

Distribution: ICA (Tobago, Trinidad), IOV (Margarita, Curaçao). 0-1 m. WA.

Literature: *Clibanarius vittatus* - Hazlett 1966: 45, Curaçao. - Lira 1997: tab. 3, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites) - Probably not *Clibanarius vittatus* (Bosc, 1802), distributed with certainty only in southeastern coast of the United States and Gulf of Mexico, but *C. symmetricus* instead (cf. Negri *et al.* 2014; Lemaitre & Tavares 2015).

Clibanarius symmetricus - Negri *et al.* 2014: 848, Tobago, Trinidad, Margarita.

Remark: This species is affiliated to *Clibanarius vittatus* (Bosc, 1802) and was for a long time confounded with it until it was resurrected by Negri *et al.* (2014).

Clibanarius tricolor (Gibbes, 1850)

Distribution: VGI (St John), ICA (St Martin, St Eustatius, Guadeloupe, Isla de Aves, Martinique, Barbados), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Curaçao). 1-6 m, extended herein to 20-130 m (from KARUBENTHOS 2012 stations). WA.

Literature: *Clibanarius tricolor* - Schmitt 1924b: 94, Barbados (Pelican Island). - Schmitt 1935: 200, Barbados. - Provenzano 1961: 153, St John. - Hazlett 1966: 18, Curaçao. - Rodríguez 1980: 224, Curaçao. - Scelzo & Varela 1988: 36, Blanquilla. - Lira 1997: tab. 3, Margarita. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 1, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Faasse 2016: 52, St Eustatius.



Figure 156: *Clibanarius tricolor*. Guadeloupe, KARUBENTHOS 2012, st. GM02, intertidal. Photo Joseph Poupin.

Fieldworks: *Clibanarius tricolor* - Saint-Martin, RNN Inventory 2012, 9/04/2012, UF31860, photo Dstm_0315; 10/04/2012, UF31858, photo Dstm_0800. - Guadeloupe, KARUBENTHOS 2012 (usually 1-6 m, but with unusual depths at st. GD64, 60 m, st. GN26, 130 m, and st. GR02, 20 m), det. R. Lemaitre, Besse 2013; st. GD41, 2 m, MNHN-IU-2013-5327, 1 sp.; st. GD52, 6 m, MNHN-IU-2013-4482, 1 sp.; st. GD64, 60 m, MNHN-IU-2013-4467, 1 sp.; st. GM02, 1 m, MNHN-IU-2013-5035, 5 spp.; MNHN-IU-2013-4867, 1 sp.; MNHN-IU-2013-4680, 1 sp.; st. GM06, 1 m, MNHN-IU-2013-5325, 1 sp.; MNHN-IU-2013-5108, 1 sp.; MNHN-IU-2013-5048, 24 spp.; MNHN-IU-2013-6745, 1 sp.; st. GM07, MNHN-IU-2013-5619, 20 spp.; st. GM07, 1 m, MNHN-IU-2013-5032, 5 spp.; MNHN-IU-2013-4246, 30 spp.; st. GM08, 1 m, MNHN-IU-2013-5047, 28 spp.; st. GM09, 1 m, MNHN-IU-2013-6781, 7 spp.; MNHN-IU-2013-5336, 100+ spp.; st. GM17, 1 m, MNHN-IU-2013-6706, 22 spp.; st. GM18, 1 m, MNHN-IU-2013-4142, 10 spp.; MNHN-IU-2013-5017, 2 spp.; st. GM22, 1 m, MNHN-IU-2013-5123, 2 spp.; st. GM25, 1 m, MNHN-IU-2013-4584, 1 sp.; MNHN-IU-2013-6735, 11 spp.; st. GM31, 2 m, MNHN-IU-2013-4706, ~40 spp.; st. GM33, 6 m, MNHN-IU-2013-4673, 14 spp.; st. GM34, 1 m, MNHN-IU-2013-5347, 100+ spp.; st. GM37, 2 m, MNHN-IU-2013-4832, 1 sp.; st. GN26, 130 m, MNHN-IU-2013-4392, 1 sp. - MNHN-IU-2013-4585, 1 sp.; st. GR01, 3 m, MNHN-IU-2013-5333, 6+ spp.; MNHN-IU-2013-4693, 14 spp.; st. GR02, 20 m, MNHN-IU-2013-5098, 1 sp.; st. GR50, 4 m; MNHN-IU-2013-4667, 1 sp.; st. GS35, 3 m, MNHN-IU-2013-4833, 7 spp.; MNHN-IU-2013-5247, 3 spp. - Martinique 2010, photo in situ Y. Buske, det. J. Poupin (juveniles).

Remark: Without color this species can be confused with *Clibanarius antillensis*. *Clibanarius tricolor* is usually collected in the intertidal to a few meters but some lots are reported herein at unusual depths, between 20-130 m (KARUBENTHOS 2012, det. R. Lemaitre).

Dardanus fucosus Biffar & Provenzano, 1972

Distribution: ICA (?Martinique, Guadeloupe), IOV (Margarita, Cubagua). 1-365 m. WA.

Literature: *Dardanus fucosus* - Lira 1997: tab. 3, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldworks: *Dardanus fucosus* - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaitre, Besse 2013, st. GD31, 85 m, MNHN-IU-2013-4150, 1 sp.; st. GD37, 60 m, MNHN-IU-2013-4411, 1 sp.

Dardanus? fucosus - Martinique, photo in situ Y. Buske, Anse Dufour, det. from photo only J. Poupin.

Dardanus insignis (de Saussure, 1857)

Distribution: ICA (Guadeloupe, Barbados). 22-318 m. WA.

Literature: *Pagurus insignis* Saussure, 1857: 503, Guadeloupe. - Saussure 1858: 37/453, Guadeloupe.

Aniculus petersii A. Milne-Edwards, 1880: 40, Barbados - Accepted as *Dardanus insignis* (de Saussure, 1858) in WoRMS (2018).

Pagurus striatus Latreille var. *petersii* - A. Milne-Edwards & Bouvier 1893: 162, Barbados.

Dardanus insignis - Poupin 1994: 31, Guadeloupe. - Poupin & Corbari 2016: 52, Guadeloupe.



Figure 157: *Dardanus venosus*. Martinique, Arlet Bourg, Aliotis, 2008-2010. Photo Yan Buske.

Fieldworks: *Dardanus insignis* - Guadeloupe, coll. Lamy, 2002-2003, traps & nets 100-300 m, det. P. A. McLaughlin, Paris MNHN, 2005; KARUBENTHOS 2012, det. R. Lemaitre, Besse 2013 as *Dardanus ?insignis*, 'Appears to be a juvenile of *D. insignis*; left P3 propodus without longitudinal ridge', st. GD01, 80 m, MNHN-IU-2013-5461.

Dardanus venosus (H. Milne Edwards, 1848)

Distribution: VGI (St Thomas, St John), ICA (St Martin, Saba, St Eustatius, Guadeloupe, Martinique, Barbados), IOV (Margarita, Los Roques, Bonaire, Curaçao). 1-225 m. WA.

Literature: *Pagurus venosus* H. Milne Edwards, 1848 (1834-1840): 61, Guadeloupe. - Stimpson 1859: 82, St Thomas.

Dardanus venosus - Rathbun 1920a: 13, Bonaire, Curaçao. - Schmitt 1924b: 95, Barbados. - Schmitt 1935: 201, Guadeloupe. - Schmitt 1936: 376, Bonaire. - Chace 1956: 153, Los Roques. - Provenzano 1961: 153, St John. - Bullis & Thompson 1965: 9, off Saba [R/V Oregon, st. 2633]. - Türkay 1968: 250, Margarita. - Rodríguez 1980: 225, Los Roques. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Faasse 2016: 52, St Eustatius.

Fieldworks: *Dardanus venosus* - Saint-Martin, RNN Inventory 2012, 22/04/2012, UF32322, photo Dstm_7004. - Guadeloupe, KARUBENTHOS 2012 (1-80 m), det. R. Lemaitre, Besse 2013; st. GD01, 80 m, MNHN-IU-2013-5461, 1 sp.; st. GD02, 80 m MNHN-IU-2013-5029, 2 spp.; MNHN-IU-2013-4845, 1 sp.; st. GD11, 14 m, MNHN-IU-2013-5016, 1 sp.; st. GD17, 30 m, MNHN-IU-2013-6709, 1 sp.; st. GD22, 16 m, MNHN-IU-2013-4404, 1 sp.; st. GM 09, 1 m, MNHN-IU-2013-6830, 1 sp.; st. GM 31, 2 m, MNHN-IU-2013-6707, 1 sp.; st. GR02, 20 m, MNHN-IU-2013-6716, 1 sp.; st. GR25, 29 m, MNHN-IU-2013-6708, 1 sp.; st. GR27, 8 m, MNHN-IU-2013-5434, 1 sp. - Martinique 2008-2012, photo in situ Y. Buske, Arlet Bourg, Aliotis, det. J. Poupin.

Isocheles sawayai Forest & de Saint Laurent, 1968

Distribution: IOV (Margarita). 1-10 m. WA (continental).

Literature: *Isocheles wurdemanni* - Lira 1997: tab. 3, Margarita - Not *Isocheles wurdemanni* Stimpson, 1859 but most probably *I. sawayai* instead (see Remark).

Isocheles sawayai - Galindo *et al.* 2008: 49, Margarita.

Remark: *Isocheles wurdemanni* is probably restricted to the Gulf of Mexico with records from Venezuela being those of southern congener, *Isocheles sawayai* Forest & de Saint Laurent, 1968 (see Felder *et al.* 2009: note 188). Following note 188 in Felder *et al.* (2009) and report of *I. sawayai* from Margarita in Galindo *et al.* (2008), the record of *I. wurdemanni* from Margarita in Lira (1997) is attributed herein to *I. sawayai*.

Paguristes angustithecus McLaughlin & Provenzano, 1974

Distribution: IOV (Margarita, Cubagua). 25-91 m. WA.

Literature: *Paguristes angustitheca* - Lira 1997: tab. 3, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Paguristes anomalus Bouvier, 1918

Distribution: VGI (St John), ICA (Barbados), IOV (Curaçao). 0-5 m. WA.

Literature: *Paguristes anaryballus* Provenzano, 1969: 730, Curaçao - Accepted as *Paguristes anomalus* Bouvier, 1918 in WoRMS (2018).

Paguristes anomalus - Provenzano 1961: 154, St John. - McLaughlin & Provenzano 1974a: 215, Barbados, Curaçao [Include type material of *P. anaryballus* from Curaçao].

Paguristes cadenati Forest, 1954

Distribution: ICA (St Martin, St Barthélemy, St Eustatius, Guadeloupe, Martinique), IOV (Los Roques, Blanquilla, Curaçao). 1-88 m. WA.

Literature: *Paguristes cadenati* Forest, 1954: 353, Martinique. - Hazlett 1966: 56, Curaçao. - Rodríguez 1980: 230, Guadeloupe, Curaçao. - Grajal & Laughlin 1984: 225, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 11, St Barthélemy. - Faasse 2016: 52, St Eustatius. - Poupin & Corbari 2016: 53, Guadeloupe.

Fieldworks: *Paguristes cadenati* - Saint-Martin, RNN Inventory, 10/04/2012, UF31876, photo Dstm_0580; 20/04/2012, UF32305, photo Dstm_3720. - Martinique 2008-2010, 2015, photo in situ Y. Buske, Anse Dufour, det. J. Poupin.

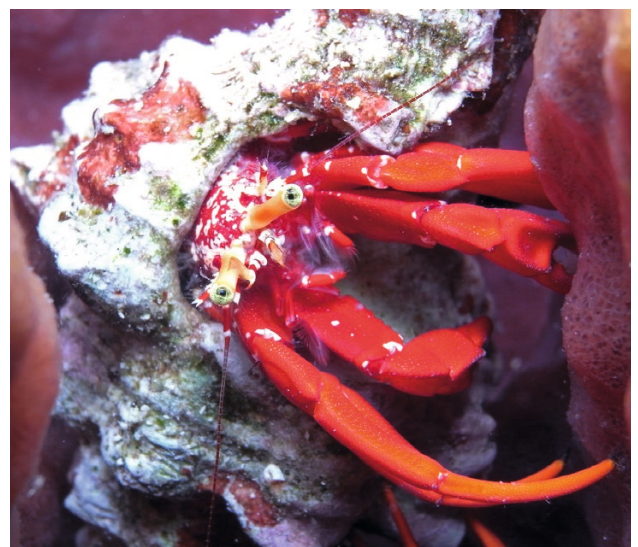


Figure 158: *Paguristes cadenati*. Martinique, Anse Dufour, 2008-2010. Photo Yan Buske.

Paguristes depressus Stimpson, 1859

Distribution: VGI (St Thomas, Jost Van Dyke, Tortola). 1-4 m. WA.

Literature: *Paguristes depressus* Stimpson, 1859: 87, St Thomas. - A. Milne-Edwards & Bouvier 1893: 49, St Thomas. - Schmitt 1935: 202, St Thomas. - Bullis & Thompson 1965: 9, off Jost Van Dyke, Tortola [R/V *Oregon*, st. 2613, 27 fathoms, 49 m]

Paguristes erythropros Holthuis, 1959

Distribution: ICA (St Barthélemy, Guadeloupe, Martinique). 1-150 m, extended herein to 160 m (KARUBENTHOS 2012, st. GN05). WA.

Literature: *Paguristes erythropros* - Questel 2014: 11, St Barthélemy.

Fieldworks: *Paguristes erythropros* - Guadeloupe, coll. Lamy, 2003, traps 150-300 m, det. P. A. McLaughlin, Paris MNHN, 2005; KARUBENTHOS 2012, det. R. Lemaitre, Besse 2013, st. GR25, 29 m, 1 sp. MNHN-IU-2013-6642, 2 spp. MNHN-IU-2013-6643; st. GN05, 160 m, 2 spp. MNHN-IU-2013-6843. - Martinique 2010, photo in situ Y. Buske, Grande Anse, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Paguristes grayi Benedict, 1901

Distribution: VGI (St John), ICA (Antigua), IOV (Curaçao). 0-6 m. WA.

Literature: *Paguristes grayi* - Schmitt 1924a: 79, Curaçao. - Schmitt 1924b: 94, Antigua. - Schmitt 1935: 202, Antigua, Curaçao. - Provenzano 1961: 154, St John. - Hazlett 1966: 60, Curaçao. - Rodríguez 1980: 219, Virgin Islands, Curaçao.

Paguristes inconstans McLaughlin & Provenzano, 1975

Distribution: ICA (Anguilla, Guadeloupe, St Vincent). 36-338 m. WA.

Literature: *Paguristes inconstans* - McLaughlin & Provenzano 1974b: 919, Anguilla (off Sombrero), St Vincent (Grenadines). - Poupin & Corbari 2016: 54, Guadeloupe.

Fieldwork: *Paguristes inconstans* - Guadeloupe, coll. Lamy, 2002, Port Louis, traps & nets 100-150 m, det. P. A. McLaughlin, Paris MNHN, 2005.



Figure 159: *Paguristes inconstans*. Guadeloupe, KARUBENTHOS 2015, st. DW4593, 152-133 m, MNHN-IU-2013-19011. Photo Joseph Poupin.

Paguristes lymani A. Milne-Edwards & Bouvier, 1893

Distribution: ICA (Guadeloupe, Barbados, Grenada). 27-1 600 m. WA.

Literature: *Paguristes lymani* A. Milne-Edwards & Bouvier, 1893: 49, Guadeloupe, Barbados, Grenada.

Fieldwork: *Paguristes lymani* - Guadeloupe, coll. Lamy, 2003, traps 100-150 m, det. P. A. McLaughlin, Paris MNHN, 2005.

Paguristes moorei Benedict, 1901

Distribution: ICA (Guadeloupe). 24-217 m. WA.

Fieldwork: *Paguristes moorei* - Guadeloupe, coll. Lamy, 2003, traps 100-150 m, det. P. A. McLaughlin, Paris MNHN, 2005.

Paguristes paraganensis McLaughlin & Provenzano, 1975

Distribution: IOV (Tortuga). 5-67 m. WA (continental).

Literature: *Paguristes paraganensis* - McLaughlin & Provenzano 1974b: 893, near Tortuga.

Paguristes perplexus McLaughlin & Provenzano, 1974

Distribution: IOV (Margarita, Cubagua). 1-91 m. WA (continental).

Literature: *Paguristes perplexus* - Lira 1997: tab. 3, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Paguristes planatus A. Milne-Edwards & Bouvier, 1893

Distribution: ICA (Barbados). 162 m. Only/ICA

Literature: *Paguristes planatus* A. Milne-Edwards & Bouvier, 1893: 43, Barbados.

Remark: This species seems to be known only from type specimens collected by R/V Hassler off Barbados. *Paguristes holguinensis* is an affiliated species described off Cuba, in shallow water (Manjón-Cabeza *et al.*, 2012).

Paguristes puncticeps Benedict, 1901

Distribution: VGI (St John), ICA (St Martin, St Eustatius, Guadeloupe, Martinique), IOV (Blanquilla, Tortuga, Los Roques). 1-31 m. WA.

Literature: *Paguristes puncticeps* - Provenzano 1961: 154, St John. - Rodríguez 1980: 219, Virgin Islands, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Faasse 2016: 52, St Eustatius.

Fieldworks: *Paguristes puncticeps* - Saint-Martin, RNN Inventory 2012, 12/04/2012, UF31948, photo Dstm_2443; UF31902, photo Dstm_2508; 23/4/2012, UF32450, photo Dstm_4152; 10/04/2012, UF31880 (*Paguristes ?puncticeps*), photo Dstm_0584. - Guadeloupe, KARUBENTHOS 2012 (1-30 m), det. R. Lemaitre, Besse 2013; st. GD17, 30 m, MNHN-IU-2013-5631, 1 sp.; st. GM20, 1 m, MNHN-IU-2013-4485, 1 sp.; st. GR01, 3 m, MNHN-IU-2013-5043, 1 sp.; MNHN-IU-2013-6838, 1 sp.; MNHN-IU-2013-4696, 1 sp.; st. GR04, 23 m, MNHN-IU-2013-6712, 1 sp.; st. GR05, 5 m, MNHN-IU-2013-6739, 1 sp.; st. GR09, 15 m, MNHN-IU-2013-6866, 1 sp.; MNHN-IU-2013-6836, 1 sp.; st. GR10, 29 m, MNHN-IU-2013-6713, 1 sp.; st. GR11, 13 m, MNHN-IU-2013-6769, 1 sp.; st. GR12, 21 m, MNHN-IU-2013-6738, 1 sp.; st. GR23, 20 m, MNHN-IU-2013-6641, 1 sp.; st. GR24, 16 m, MNHN-IU-2013-5041, 1 sp.; st. GR27, 8 m, MNHN-IU-2013-6711, 2 sp.; st. GR35, 15 m, MNHN-IU-2013-4710, 1 sp.; MNHN-IU-2013-4499, 1 sp. - Martinique 2009, photo in situ Y. Buske, Arlet Bourg, Grande Anse, det. J. Poupin.

***Paguristes sayi* A. Milne-Edwards & Bouvier, 1893
*sensu lato***

Distribution: ICA (Barbados, Guadeloupe). 150-527 m. Only/ICA.

Literature: *Paguristes sayi* A. Milne-Edwards & Bouvier, 1893: 55, Barbados. - Poupin 1994: 31, Guadeloupe [Probably 2 distinct species; see Remark].

Remark: *Paguristes sayi* was described from Barbados (150-527 m) and retrieved later around Guadeloupe (Poupin 1994; R/V *Polka*, 500 m, det. by J. Forest). No other records were retrieved in the literature for this species. Among Guadeloupe specimens collected by R/V *Polka*, J. Forest (com. pers. in 1993, MNHN) had recognized 2 forms including *P. sayi* typical (500 m), and *Paguristes* aff. *sayi* (550 m; see photo) probably a new species, being the same as one specimen collected by the R/V *Albatross* in Bahamas attributed to *Paguristes sayi* by Benedict (1901: 144, pl. 4, fig. 2).



Figure 160: *Paguristes* aff. *sayi* (?n. sp.). Guadeloupe, R/V *Polka*, trap 550 m (see Remark for *Paguristes sayi*). Photo Joseph Poupin.

***Paguristes sericeus* A. Milne-Edwards, 1880**

Distribution: VGI (St John), ICA (?St Martin, ?Guadeloupe). 1-128 m. WA.

Literature: *Paguristes sericeus* A. Milne-Edwards, 1880: 44, St John (Flanagan Passage). - Schmitt 1935: 203, St John (Flanagan Passage). - Provenzano 1961: 155, St John.

Fieldworks: *Paguristes ?sericeus* - Saint-Martin, RNN Inventory 2012, UF31880 photo STM-005 [with doubt, based on photo (J. Poupin), this specimen seems to be *P. wassi*, also collected during the same inventory (UF31881)].

Paguristes aff. *sericeus* - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaitre, Besse 2013 as '*Paguristes* sp. 1 Group A', st. GD01, 80 m, MNHN-IU-2013-4232; '*Paguristes* sp. 2 Group A', st. GN14, 150 m, MNHN-IU-2013-4691, photo, 2 spp.; '*Paguristes* sp. 1 Group B', st. GN14, 150 m, MNHN-IU-2013-4866; st. GN05, 160 m, MNHN-IU-2013-5112.

***Paguristes spectabilis* McLaughlin & Provenzano, 1975**

Distribution: ICA (Trinidad). 137-430 m. WA (continental).

Literature: *Paguristes spectabilis* - McLaughlin & Provenzano 1974b: 886, off Trinidad. - Lemaitre & Tavares 2015: 469, Trinidad [Type material].

***Paguristes spinipes* A. Milne-Edwards, 1880**

Distribution: ICA (Guadeloupe, Martinique, St Lucia, St Vincent, Barbados, Grenada), IOV (Curaçao). 70-640 m. WA.

Literature: *Paguristes spinipes* A. Milne-Edwards, 1880: 44, Grenada. - A. Milne-Edwards & Bouvier 1893: 33, Martinique, St Vincent, Barbados, Grenada. - Lemaitre & Tavares 2015: 472, St Lucia, Curaçao. - Poupin & Corbari 2016: 54, Guadeloupe.

Fieldwork: *Paguristes* cf. *spinipes* - Guadeloupe, coll. Lamy, 2003, traps 300 m, det. P. A. McLaughlin, Paris MNHN, 2005.



Figure 161: *Paguristes spinipes*. Guadeloupe, KARUBENTHOS 2015, st. DW4586, 251-204 m, MNHN-IU-2013-19006. Photo Joseph Poupin.

***Paguristes tortugae* Schmitt, 1933**

Distribution: VGI (St John), ICA (St Martin, St Barthélemy, Barbuda, ?Guadeloupe, Martinique), IOV (Margarita). 0-91 m. WA.

Literature: *Paguristes tortugae* - Provenzano 1961: 155, St John. - McLaughlin & Provenzano 1974a: 171, canal St Barthélemy, Barbuda. - Lira 1997: tab. 3, Margarita. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes).

Fieldworks: *Paguristes tortugae* - Saint-Martin, RNN Inventory, 25/04/2012, UF32577, photo Dstm_7615; 26/04/2012, UF32561, photo Dstm_4479.

Paguristes cf. *tortugae* - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaitre, Besse 2013, st. GD64, 60 m, MNHN-IU-2013-4468, 1 ov. female.

***Paguristes triangulatus* A. Milne-Edwards & Bouvier, 1893**

Distribution: ICA (Barbados, Trinidad). 12-150 m. WA.

Literature: *Paguristes triangulatus* A. Milne-Edwards & Bouvier, 1893: 40, Barbados. - Felder *et al.* 2009: 1069, Barbados, Trinidad.

***Paguristes wassi* Provenzano, 1961**

Distribution: VGI (St John), ICA (St Martin, Guadeloupe). 1-60 m. WA.

Literature: *Paguristes wassi* Provenzano, 1961: 155, St John.

Fieldworks: *Paguristes wassi* - Saint-Martin, RNN Inventory 2012, 10/04/2012, UF31881, photo Dstm_0587. - Guadeloupe, KARUBENTHOS 2012 (5-40 m), det. R. Lemaitre, Besse 2013, st. GD21, 40 m, MNHN-IU-2013-6710, photo, 1 sp.; st. GR05, 5 m, MNHN-IU-2013-6842, photo, 1 sp.; st. GR09, 15 m, MNHN-IU-2013-6865, 2 spp.

Petrochirus diogenes (Linnaeus, 1758)

Distribution: VGI (St Thomas, St John), ICA (St Martin, St Barthélemy, St Eustatius, Guadeloupe, Martinique, Barbados, Tobago, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Curaçao). 1-128 m, extended herein to 160 m (KARUBENTHOS 2012, st. GN05). WA.

Literature: *Pagurus granulatus* - H. Milne Edwards 1837 (1834-1840): 225, 'Habite les Antilles'. - Doflein 1899: 178, Martinique - *Pagurus granulatus* Olivier, 1812 accepted as *Petrochirus diogenes* (Linnaeus, 1758) in WoRMS (2018).

Cenobita diogenes - Stimpson 1859: 82, St Thomas, Barbados.

Petrochirus bahamensis - Schmitt 1924a: 80, Curaçao. - Schmitt 1924b: 95, Barbados (Pelican Island) - *Petrochirus bahamensis* (Herbst, 1791) accepted as *Petrochirus diogenes* (Linnaeus, 1758) in WoRMS (2018).

Petrochirus diogenes - Provenzano 1961: 153, St John. - Rodríguez 1980: 228, Curaçao. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 1997: tab. 3, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Questel 2014: 11, St Barthélemy. - Faasse 2016: 52, St Eustatius. - OGATT 2018: webpage, Tobago, Trinidad.

Fieldworks: *Petrochirus diogenes* - Saint-Martin, RNN Inventory 2012, 13/04/2012, UF31938, photo Dstm_1783. - Guadeloupe, Port Louis, Pointe d'Antigue, photo in situ L. Charles, det. J. Poupin; KARUBENTHOS 2012 (3-160 m), det. R. Lemaitre, Besse 2013, st. GD33, 130 m, MNHN-IU-2013-6638; st. GN05, 160 m, MNHN-IU-2013-6765; st. GR01, 3 m, MNHN-IU-2013-6844. - Martinique 2009-2011, photo in situ et det. Y. Buske, Anse Madame, La Baleine, Anse Miton, estuary of Pilote river; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

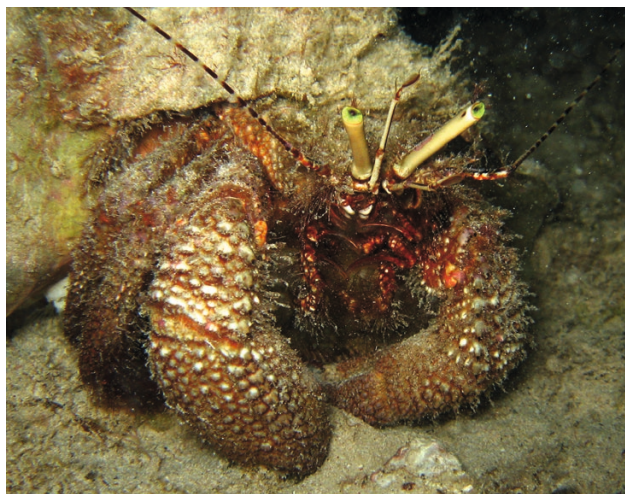


Figure 162: *Petrochirus diogenes*. Guadeloupe, Port Louis, Pointe d'Antigue. Photo Laurent Charles.

Family Paguridae Latreille, 1802

Agaricochirus alexandri (A. Milne-Edwards & Bouvier, 1893)

Distribution: VGI (St Croix), ICA (?Guadeloupe, Montserrat, St Lucia, Barbados, Grenada), IOV (Testigos, Los Roques, Tortuga). 36-241 m. WA.

Literature: *Pylopagurus Alexandri* A. Milne-Edwards & Bouvier, 1893: 87, St Croix.

Agaricochirus alexandri - McLaughlin 1982a: 830, St Croix, Montserrat, St Lucia, Barbados, Lost Roques, between Testigos/Grenada, Tortuga. - Lira 2004: tab. 1, Tortuga.

Agaricochirus?alexandri - Poupin & Corbari 2016: 55, Guadeloupe [Det. from photo only, with hesitation, *A. boletifer* can be also considered; specimens must be checked in MNHN-IU-2013-18917, 19012].

Agaricochirus boletifer (A. Milne-Edwards & Bouvier, 1893)

Distribution: ICA (St Vincent). 76-174 m. WA.

Literature: *Pylopagurus boletifer* A. Milne-Edwards & Bouvier, 1893: 84, St Vincent.

Agaricochirus erosus (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe, Martinique, St Lucia, Barbados). 84-347 m. WA.

Literature: *Eupagurus erosus* A. Milne-Edwards, 1880: 42, Martinique, Barbados.

Pylopagurus erosus - A. Milne-Edwards & Bouvier 1893: 89, Martinique, Barbados.

Agaricochirus erosus - McLaughlin 1982a: 830, tab. 1, Martinique, St Lucia. - Poupin & Corbari 2016: 55, Guadeloupe.



Figure 163: *Agaricochirus erosus*. Guadeloupe, KARUBENTHOS 2015, st. CP4595 or DW4595, 211-208 m, MNHN-IU-2013-19021. Photo Joseph Poupin.

Agaricochirus gibbosimanus (A. Milne-Edwards, 1880)

Distribution: ICA (?Guadeloupe, Martinique, St Vincent). 200-800 m. WA.

Literature: *Eupagurus gibbosimanus* A. Milne-Edwards, 1880: 42, Martinique, St Vincent.

Pylopagurus gibbosimanus - A. Milne-Edwards & Bouvier 1893: 99, Martinique, St Vincent ['logé dans une éponge siliceuse solide'].

Agaricochirus gibbosimanus - McLaughlin 1982a: 831, tab. 1, Martinique, St Vincent.

Agaricochirus?gibbosimanus - Poupin & Corbari 2016: 55, Guadeloupe [Det. with hesitation, from photo only, specimen must be checked in MNHN-IU-2013-18922].

Anapagurus marginatus* A. Milne-Edwards & Bouvier, 1893 *incertae sedis

Distribution: ICA (Barbados). 133-134 m. ?Only/ICA.

Literature: *Anapagurus marginatus* A. Milne-Edwards & Bouvier, 1893: 123, Barbados.

Remark: This is a species *incertae sedis*, provisionally listed under the genus *Anapagurus* but not in that genus according to García-Gómez (1994).

***Anisopagurus bartletti* (A. Milne-Edwards, 1880)**

Distribution: ICA (Anguilla, St Lucia, St Vincent, Grenada, Barbados). 49-555 m. WA.

Literature: *Eupagurus Bartletti* A. Milne-Edwards, 1880: 41, St Vincent, Barbados, Grenada.

Pylopagurus Bartletti - A. Milne-Edwards & Bouvier 1893: 91, St Vincent, Barbados.

Anisopagurus bartletti - Lemaître & McLaughlin 1996: 92, tab. 1, Anguilla, St Lucia, St Vincent, Barbados.

***Anisopagurus pygmaeus* (Bouvier, 1918)**

Distribution: ICA (St Martin, Guadeloupe), IOV (Curaçao). 15-16 m. WA.

Literature: *Pagurus pygmaeus* - Hazlett 1966: 72, Curaçao. - Rodríguez 1980: 233, Curaçao.

Anisopagurus pygmaeus - Lemaître & McLaughlin 1996: 104, tab. 2, Curaçao.

Fieldworks: *Anisopagurus pygmaeus* - Saint-Martin, RNN Inventory 2012, det. R. Lemaître from photos, 21/04/2012, UF32395, photo Dstm_6837; UF32394, photo Dstm_6840; UF32397, photo Dstm_6844. - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaître (com. pers., mail 19 August 2015), 1 male 0.9 mm, 1 ov. female 1.3 mm [with 5 large eggs], st. GB23, 16° 30.04' N, 61° 28.79' W, 16 m, 19 May 2012, MNHN-IU-2013-5317; 3 males 0.7-1.0 mm, st. GB31, 16° 09.71' N, 61° 07.73' W, 15 m, 26 May 2012, MNHN-IU-2013-5472.

Remark: According to R. Lemaître (com. pers.) that has examined the color photographs from St Martin (RNN Inventory) and determined the specimens from Guadeloupe (KARUBENTHOS 2012), this species can be easily confused with *Clibanarius tricolor* with similar coloration and also occurring in the shallow water habitat.

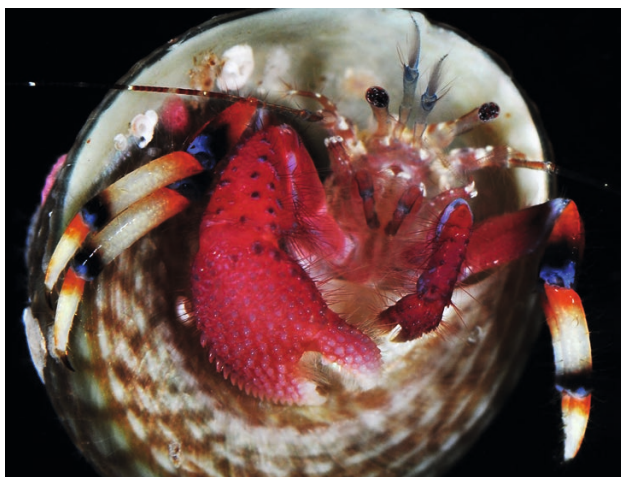


Figure 164: *Anisopagurus pygmaeus*. Saint-Martin, 21/4/2012, UF32395. Photo Arthur Anker.

***Anisopagurus vossi* Lemaître & McLaughlin, 1996**

Distribution: ICA (Barbados). 76-307 m. WA.

Literature: *Anisopagurus vossi* Lemaître & McLaughlin, 1996: 108, tab. 5, Barbados.

***Catapaguroides microps* A. Milne-Edwards & Bouvier, 1892**

Distribution: ICA (Barbados), IOV (Orchila, Los Roques). 718-2818 m. ATL.

Literature: *Catapaguroides microps* - Lemaître & Tavares 2015: 480, Barbados, Orchila, Los Roques.

***Catapagurus gracilis* (Smith, 1881)**

Distribution: ICA (Dominica, Barbados). 85-733 m. WA.

Literature: *Catapagurus gracilis* - A. Milne-Edwards & Bouvier 1893: 132, Barbados. - Lemaître & Tavares 2015: 483, Dominica, Barbados.

Catapagurus gracilis var. *intermedius* A Milne-Edwards & Bouvier, 1893: 137, Dominica, Barbados - Accepted as *Catapagurus gracilis* in Lemaître & Tavares (2015).

***Catapagurus sharreri* A. Milne-Edwards, 1880**

Distribution: ICA (Barbados). 80-500 m. WA.

Literature: *Catapagurus sharreri* A. Milne-Edwards, 1880: 46, Barbados. - A. Milne-Edwards & Bouvier 1893: 127, Barbados.

***Enneobranthus flavioculatus* García-Gómez, 1988**

Distribution: ICA (Barbados, Grenada, Trinidad), IOV (Testigos). 46-241 m. WA.

Literature: *Spiropagurus dispar?* - A. Milne-Edwards & Bouvier 1893: 118, Barbados. - Not *Iridopagurus dispar* (Stimpson, 1859) but *Enneobranthus flavioculatus* new species. in García-Gómez (1988).

Enneobranthus flavioculatus García-Gómez, 1988: 46, Barbados, between Grenada/Testigos, Trinidad.

***Iridopagurus caribbensis* (A. Milne-Edwards & Bouvier, 1893)**

Distribution: VGI (St John), ICA (St Martin, Nevis, Guadeloupe, Martinique), IOV (Margarita, Cubagua, Curaçao). 8-50 m extended herein to 150 m (KARUBENTHOS 2012, st. GN14). WA.



Figure 165: *Iridopagurus ?caribbensis*. Martinique, in situ, 2010-2012, probably *I. caribbensis* although typical color pattern of the chelae is not visible. Photo Yan Buske.

Literature: *Spiropagurus caribbensis* A. Milne-Edwards & Bouvier, 1893: 116, St John (Flanagan Passage) [part cf. García-Gómez 1983: not pl. 8, fig. 27-29].

Iridopagurus caribbensis - Saint Laurent-Dechancé 1966: 167, St John (Flanagan Passage), Guadeloupe. - García-Gómez 1983: 17, St John (Flanagan Passage), Nevis, Martinique, Margarita, Cubagua, Curaçao. - Carré 2005: 23, Martinique. - Lira 1997: tab. 3, Margarita. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldworks: *Iridopagurus caribbensis* - Saint-Martin, RNN Inventory 2012, 20/04/2012, UF32304, photo Dstm_3703; UF32304, photo Dstm_3785. - Guadeloupe, KARUBENTHOS 2012 (3-150 m), det. R. Lemaitre, Besse 2013, st. GB10, 8 m, MNHN-IU-2013-43891; st. GB13, 10 m, MNHN-IU-2013-4700, photo, 1; st. GD01, 80 m, MNHN-IU-2013-47071, MNHN-IU-2013-42971; st. GD02, 80 m, MNHN-IU-2013-5343, MNHN-IU-2013-502711; st. GD15, 50 m, MNHN-IU-2013-50091; st. GD17, 30 m, MNHN-IU-2013-48611; st. GD22, 16 m, MNHN-IU-2013-4291; st. GD27, 120 m, MNHN-IU-2013-4147; st. GD32, 80 m, MNHN-IU-2013-4293; st. GD36, 65 m, MNHN-IU-2013-46862; st. GD50, 22 m, MNHN-IU-2013-46888, MNHN-IU-2013-46817, MNHN-IU-2013-4469; st. GD66, 33 m, MNHN-IU-2013-5253 (det. E. Macpherson); st. GD71, 3 m, MNHN-IU-2013-54821; st. GN10, 125 m, MNHN-IU-2013-5261 (det. E. Macpherson & C. Carmona-Suárez); st. GN14, 150 m, MNHN-IU-2013-48651, MNHN-IU-2013-56081; st. GN16, 75 m, MNHN-IU-2013-52611; st. GR01, 3 m, MNHN-IU-2013-46942; st. GR02, 20 m, MNHN-IU-2013-5099; st. GR24, 16 m, MNHN-IU-2013-4470; st. GS21, 14 m, MNHN-IU-2013-44084; st. GS29, 29 m, MNHN-IU-2013-4839; st. GS31, 29, MNHN-IU-2013-46761. - Martinique 2010-2012, photo in situ Y. Buske, det. J. Poupin [with hesitation, *I. reticulatus* also possible because color pattern of cheliped is not visible on photographs]; BIOSPHERES 2015, coll. R. Ferry, photo n°61, det. J. Poupin, December 2015.

Iridopagurus dispar (Stimpson, 1859) *incertae sedis*

Distribution: VGI (St John), ICA (Barbados), IOV (Curaçao). 3-4 m. WA.

Literature: *Spiropagurus dispar* Stimpson, 1859: 88, Barbados.



Figure 166: *Iridopagurus reticulatus*. Martinique. Photo Yan Buske.

Iridopagurus dispar - Provenzano 1961: 165, St John. - Saint Laurent-Dechancé 1966: 162, Barbados, Curaçao. - García-Gómez 1983: 14, Barbados.

Remark: According to García-Gómez (1983: 16) this is a species *incertae sedis* with type material apparently lost.

Iridopagurus globulus de Saint Laurent-Dechancé, 1966

Distribution: ICA (Barbados). 73-431 m. WA.

Literature: *Iridopagurus globulus* - García-Gómez 1983: 29, Barbados.

Iridopagurus iris (A. Milne-Edwards, 1880)

Distribution: ICA (?Guadeloupe, St Vincent, Barbados, Grenada, Trinidad, Tobago). 64-713 m. WA.

Literature: *Spiropagurus iris* A. Milne-Edwards, 1880: 44, Barbados. - A. Milne-Edwards & Bouvier 1893: 112, Barbados, Grenada [part cf. García-Gómez 1983: not pl. 8, fig. 14-25].

Iridopagurus iris - Saint Laurent-Dechancé 1966: 159, Barbados. - García-Gómez 1983: 16, St Vincent, Barbados, Grenada, Tobago, Trinidad.

Fieldwork: *Iridopagurus? iris* - Guadeloupe, KARUBENTHOS 2015, st. DW4647, 29 June 2015, 15° 50.29' N, 61° 26.24' W, 263-264 m, MNHN-IU-2013-19183 [Det. J. Poupin, based on photograph only; to be checked with the specimen].

Iridopagurus margaritensis García-Gómez, 1983

Distribution: VGI (St John), ICA (Anguilla, St Kitts, St Eustatius, Guadeloupe, Martinique), IOV (Margarita, Tortuga, Curaçao). 11-91 m. WA.

Literature: *Iridopagurus margaritensis* García-Gómez, 1983: 28, St John, Anguilla, between St Kitts St Eustatius, Martinique, Margarita, Curaçao. - Lira 1997: tab. 3, Margarita. - Lira 2004: tab. 1, Tortuga.

Fieldwork: *Iridopagurus margaritensis* - Guadeloupe, KARUBENTHOS 2012 (8-50 m), det. R. Lemaitre, Besse 2013; st. GD63, 20 m, MNHN-IU-2013-5002, 2 spp, MNHN-IU-2013-4928, 1 sp.; st. GD66, 33 m, MNHN-IU-2013-5253, 1 sp.; st. GS11, 17 m, MNHN-IU-2013-4853; st. GS18, 49 m, MNHN-IU-2013-5234, 1 sp.; st. GS19, 8 m, MNHN-IU-2013-5001, 2 spp., MNHN-IU-2013-4908, 1 sp.; st. GS24, 12 m, MNHN-IU-2013-5444, 1 sp.; st. GS36, 50 m, MNHN-IU-2013-5238, 5 spp.

Iridopagurus reticulatus García-Gómez, 1983

Distribution: VGI (St John, St Croix), ICA (St Martin, St Eustatius, Antigua, Guadeloupe, Martinique, Barbados), IOV (Margarita, Bonaire, Curaçao). 1-38 m, extended herein to 80 m (KARUBENTHOS 2012, st. GD23). WA.

Literature: *Iridopagurus reticulatus* García-Gómez, 1983: 36, St John, St Croix, Antigua, Barbados, Margarita, Bonaire, Curaçao. - Lira 1997: tab. 3, Margarita. - Faasse 2016: 52, St Eustatius.

Fieldworks: *Iridopagurus reticulatus* - Saint-Martin, RNN Inventory, 20/04/2012, UF32300, photo Dstm_3713; UF32300, photo Dstm_3779; 26/04/2012, UF32553, photo Dstm_4419. - Guadeloupe, KARUBENTHOS 2012 (1-80 m), det. R. Lemaitre, Besse 2013, st. GB07?, 6 m, MNHN-IU-2013-4286, 1 sp.; st. GB13, 10 m, MNHN-IU-2013-4234, 1 sp.; st. GB19, 11 m, MNHN-IU-2013-5122, 1 sp.; st. GD09, 40 m, MNHN-IU-2013-5243, 6 spp.; st. GD11, 14 m,

MNHN-IU-2013-5612, 1 sp.; st. GD13, 5 m, MNHN-IU-2013-4471, 3 spp.; st. GD23, 80 m, MNHN-IU-2013-5616, 1 sp.; st. GD37, 60 m, MNHN-IU-2013-4409, 1 sp.; st. GD52, 6 m, MNHN-IU-2013-4479, 1 sp.; st. GD65, 20 m, MNHN-IU-2013-5611, 1 sp., MNHN-IU-2013-5474, 2 spp.; st. GD66, 33 m, MNHN-IU-2013-4241, 1 sp.; st. GD71, 3 m, MNHN-IU-2013-5483, 3 spp.; st. GM08, 1 m, MNHN-IU-2013-4594, 2 spp.; st. GM28, 2 m, MNHN-IU-2013-4679, 1 sp.; st. GR50, 4 m, MNHN-IU-2013-4488, 1 sp.; st. GS16, 25 m, MNHN-IU-2013-4235, 1 sp.; st. GS22?, 45 m, MNHN-IU-2013-4282, 1 sp.; st. GS28, 5 m, MNHN-IU-2013-4477, 1 sp.; st. GS35, 3 m, MNHN-IU-2013-4836, 1 sp., MNHN-IU-2013-5244, 1 sp.; st. GS39, 16 m, MNHN-IU-2013-4501, 2 spp. - **Martinique**, photo in situ Y. Buske, det. J. Poupin, based on comparison with excellent internet photo for Florida at <http://www.jaxshells.org/cra5.htm>; BIOSPHERES 2015, R. Ferry (photo n°96?), det. J. Poupin.

***Iridopagurus violaceus* de Saint Laurent-Dechancé, 1966**

Distribution: ICA (Nevis, Antigua, Guadeloupe, St Lucia, Barbados, St Vincent, Trinidad, Tobago), IOV (Margarita, Tortuga). 18-256 m. WA.

Literature: *Iridopagurus violaceus* - García-Gómez 1983: 26, Nevis, Antigua, St Lucia, Barbados, St Vincent (Grenadines), Tobago, Trinidad, Margarita. - Lira 1997: tab. 3, Margarita. - Lira 2004: tab. 1, Tortuga.

Fieldwork: *Iridopagurus violaceus* - **Guadeloupe**, KARUBENTHOS 2012 (11-120 m), det. R. Lemaitre, Besse 2013; st. GB25, 25 m, MNHN-IU-2013-5323, 1 sp.; st. GB28, 26 m, MNHN-IU-2013-5460, 2 spp.; st. GD01, 80 m, MNHN-IU-2013-5096, 1 sp.; st. GD31, 85 m, MNHN-IU-2013-4148, 5 spp., MNHN-IU-2013-4578, 1 sp.; st. GN22, 120 m, MNHN-IU-2013-5115, 1 sp.; st. GR16, 27 m, MNHN-IU-2013-4153, 1 sp.; st. GS07, 12 m, MNHN-IU-2013-5600, 2 spp.; st. GS09, 11 m, MNHN-IU-2013-5638, 1 sp.; st. GS10, 23 m, MNHN-IU-2013-5614, 2 spp.; st. GS11, 17 m, no MNHN number (photo Poupin, preserved) 1 sp.

***Leptopagurus rhabdotus* Lemaitre, Felder & Poupin, 2017**

Distribution: ICA (Dominica), IOV (Curaçao). 50-224 m. Only/ICA/IOV.

Literature: *Leptopagurus rhabdotus* Lemaitre, Felder & Poupin, 2017: 154, Dominica, Curaçao.

***Manucomplanus spinulosus* (Holthuis, 1959)**

Distribution: IOV (Testigos, Margarita, Tortuga, Aruba). 24-108 m. WA.

Literature: *Pagurus impressus zilchi* Türkay, 1968: 250, Margarita - Accepted as *Manucomplanus spinulosus* in WoRMS (2018).

Manucomplanus spinulosus - Lemaitre & McLaughlin 1996: 120, tab. 7, between Testigos/Margarita, Margarita, Tortuga, off Aruba.

***Munidopagurus macrocheles* A. Milne-Edwards, 1880**

Distribution: ICA (Guadeloupe). 262-320 m. WA.

Literature: *Munidopagurus macrocheles* - Poupin & Corbari 2016: 56, Guadeloupe.

Fieldwork: *Munidopagurus macrocheles* - **Guadeloupe**, coll. Lamy, 2002-2003, traps & nets 100-300 m, det. P. A. McLaughlin, Paris MNHN, 2005.

***Nematopaguroides karukera* Lemaitre, Felder & Poupin, 2017**

Distribution: ICA (Guadeloupe). 1-80 m. Only/ICA.

Literature: *Nematopaguroides karukera* Lemaitre, Felder & Poupin, 2017: 160, Guadeloupe.

***Ostraconotus spatulipes* A. Milne-Edwards, 1880**

Distribution: ICA (Barbados). 137-256 m. WA.

Literature: *Ostraconotus spatulipes* - A. Milne-Edwards & Bouvier 1893: 169, Barbados.

***Pagurellus jenniferae* Lemaitre, Felder & Poupin, 2017**

Distribution: IOV (Curaçao). 224-246.5 m. Only/IOV.

Literature: *Pagurellus jenniferae* Lemaitre, Felder & Poupin, 2017: 166, Curaçao.

***Pagurina bifida* Lemaitre, Felder & Poupin, 2017**

Distribution: ICA (Guadeloupe). 10 m. Only/ICA.

Literature: *Pagurina bifida* Lemaitre, Felder & Poupin, 2017: 170, Guadeloupe.

***Paguriscus robustus* Lemaitre, Felder & Poupin, 2017**

Distribution: ICA (Guadeloupe). 19 m. Only/ICA.

Literature: *Paguriscus robustus* Lemaitre, Felder & Poupin, 2017: 175, Guadeloupe.

***Paguruncio parvulus* Lemaitre, Felder & Poupin, 2017**

Distribution: IOV (Curaçao). 91.4-224 m. Only/IOV.

Literature: *Paguruncio parvulus* Lemaitre, Felder & Poupin, 2017: 179, Curaçao.

***Pagurus abditus* Lemaitre, Felder & Poupin, 2017**

Distribution: IOV (Curaçao). 91-115.8 m. Only/IOV.

Literature: *Pagurus abditus* Lemaitre, Felder & Poupin, 2017: 182, Curaçao.



Figure 167: *Munidopagurus macrocheles*. Guadeloupe, KARUBENTHOS 2015, st. CP4636, 262-262 m, MNHN-IU-2013-19144. Photo Joseph Poupin.

Pagurus brevidactylus (Stimpson, 1859) *sensu lato*

Distribution: VGI (St John), ICA (St Martin, Guadeloupe, Martinique, Barbados), IOV (Margarita, Cubagua, Los Roques, Curaçao). 1-73 m. WA.

Literature: *Eupagurus brevidactylus* Stimpson, 1859: 91, Barbados.

Pagurus miamensis - Provenzano 1961: 158, St John. - Hazlett 1966: 63, Curaçao. - Rodríguez 1980: 233, Curaçao. - Grajal & Laughlin 1984: 226, Los Roques - *Pagurus miamensis* Provenzano, 1959 accepted as *Pagurus brevidactylus* (Stimpson, 1859) in WoRMS (2018).

Pagurus brevidactylus - Lemaitre *et al.* 1982: 675, tab. 2, St John. - Grajal & Laughlin 1984: 225, Los Roques. - Lira 1997: tab. 3, Margarita. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Pagurus brevidactylus* - **Saint-Martin**, RNN Inventory, 10/04/2012, UF31875, photo Dstm_0679; 14/04/2012, UF32086, photo Dstm_5172; 19/04/2012, UF32283, photo Dstm_6251; 20/04/2012, UF32302, photo Dstm_3727; 25/04/2012, UF32496, photo Dstm_7442; 26/04/2012, UF32532, photo Dstm_4397. - **Guadeloupe**, KARUBENTHOS 2012 (1-50 m), det. R. Lemaitre, Besse 2013; st. GB01, 6 m, MNHN-IU-2013-5010, 4 spp., MNHN-IU-2013-5620, 3 spp.; st. GB02, 11 m, MNHN-IU-2013-5045, 1 sp.; st. GB07, 6 m, MNHN-IU-2013-4285, 4 spp.; st. GB07, 6 m, MNHN-IU-2013-4298, 4 spp.; st. GB08, 17 m, MNHN-IU-2013-4999, 1 sp.; st. GB09, 6 m, MNHN-IU-2013-4300, 1 sp., MNHN-IU-2013-4494, ~8 spp.; st. GB10, 8 m, MNHN-IU-2013-5265, 6++ spp., MNHN-IU-2013-4390, 3 spp., MNHN-IU-2013-4563, 1 sp.; st. GB12, 14 m, MNHN-IU-2013-4284, 10 spp.; st. GB13, 10 m, MNHN-IU-2013-4699, 1 sp.; st. GB15, 8 m, MNHN-IU-2013-4304, 1 sp., MNHN-IU-2013-4247, 8 spp.; st. GB17, 13 m, MNHN-IU-2013-5013, 1 sp.; st. GB19, 11 m, MNHN-IU-2013-5120, 10 spp.; st. GB21, 8 m, MNHN-IU-2013-5024, 2 spp., MNHN-IU-2013-5447, 7 spp., MNHN-IU-2013-4491, 2 spp.; st. GB23, 16 m, MNHN-IU-2013-5315, 2 spp.; st. GB24, 25 m, MNHN-IU-2013-5003, 3 spp.; st. GB30, 16 m, MNHN-IU-2013-5311, 1 sp., MNHN-IU-2013-5319, 1 sp.; st. GB32, 4 m, MNHN-IU-2013-4589, 1 sp.; st. GB33, 50 m, MNHN-IU-2013-5306, 2 spp.; st. GB35, 2 m, MNHN-IU-2013-5239, 4 spp.; st. GB36, 16 m, MNHN-IU-2013-4399, 2 spp.; st. GD08, 35 m, MNHN-IU-2013-5312, 1 sp.; st. GD09, 40 m, MNHN-IU-2013-5242, 3 spp.; st. GD41, 2 m, MNHN-IU-2013-5326, 1 sp.; st. GD52, 6 m, MNHN-IU-2013-5011, 6 spp., MNHN-IU-2013-4480, 8 spp.; st. GD66, 33 m, MNHN-IU-2013-4242, 3 spp.; st. GD71, 3 m, MNHN-IU-2013-5627, 4 spp.; st. GM 06, 1 m, MNHN-IU-2013-4245, 1 sp., MNHN-IU-2013-5313, 1 sp., MNHN-IU-2013-5126, 3 spp.; st. GM07, 1 m, MNHN-IU-2013-5031, 1 sp.; st. GM08, 1 m, MNHN-IU-2013-5436, 1 sp.; st. GM 12, 3 m, MNHN-IU-2013-5119, 1 sp., MNHN-IU-2013-4856, 2 spp.; st. GM 16, 1 m, MNHN-IU-2013-5329, 1 sp.; st. GM 17, 1 m, MNHN-IU-2013-4683, 3 spp.; st. GM20, 1 m, MNHN-IU-2013-4486, ~14 spp.; st. GM 25, 1 m, MNHN-IU-2013-4495, 5 spp.; st. GM 32, 0-1 m, MNHN-IU-2013-5110, 1 sp., MNHN-IU-2013-4684, 5 spp.; st. GM 33, 6 m, MNHN-IU-2013-4674, 1 sp.; st. GM 34, 1 m, MNHN-IU-2013-5348, 8 spp.; st. GR01, 3 m, MNHN-IU-2013-4695, 7 spp., MNHN-IU-2013-5463, 1 sp.; st. GR03, 6 m, MNHN-IU-2013-5314, 1 sp., MNHN-IU-2013-5097, 1

sp., MNHN-IU-2013-4857, 4 spp., MNHN-IU-2013-4703, 1 sp.; st. GR06, 15 m, MNHN-IU-2013-6834, 1 sp., MNHN-IU-2013-5342, 1 sp.; st. GR10, 29 m, MNHN-IU-2013-5021, 3 spp.; st. GR12, 21 m, MNHN-IU-2013-5023, 1 sp.; st. GR27, 8 m, MNHN-IU-2013-4475, 2 spp.; st. GR39, 5 m, MNHN-IU-2013-5332, 1 sp.; st. GR49, MNHN-IU-2013-5007, 1 sp.; st. GR50, MNHN-IU-2013-4668, 8 spp.; st. GR50, MNHN-IU-2013-4487, 1 sp.; st. GR55, MNHN-IU-2013-4500, 2 spp.; st. GS01, MNHN-IU-2013-5100, 2 spp.; st. GS01, MNHN-IU-2013-5262, 1 sp.; st. GS03, MNHN-IU-2013-5451, 2 spp.; st. GS04, MNHN-IU-2013-4858, 5 spp.; st. GS05, MNHN-IU-2013-5475, 2 spp.; st. GS07, MNHN-IU-2013-5599, 5 spp.; st. GS07, MNHN-IU-2013-5103, 3 spp.; st. GS08, MNHN-IU-2013-5248, 3 spp.; st. GS1, MNHN-IU-2013-5452, 2 spp.; st. GS11, MNHN-IU-2013-4842, 2 spp.; st. GS11, MNHN-IU-2013-4851, 3 spp.; st. GS12, MNHN-IU-2013-4473, 16 spp.; st. GS12, MNHN-IU-2013-4854, 1 sp.; st. GS13, MNHN-IU-2013-5251, 1 sp.; st. GS13, MNHN-IU-2013-5309, 1 sp.; st. GS16, MNHN-IU-2013-4236, spp.; st. GS17, MNHN-IU-2013-4413, 3 spp.; st. GS17, MNHN-IU-2013-4294, 14 spp.; st. GS17, MNHN-IU-2013-4295, photo, 1 sp.; st. GS19, MNHN-IU-2013-5258, ~10 spp.; st. GS20, MNHN-IU-2013-4397, 1 sp.; st. GS21, MNHN-IU-2013-4303, 1 sp.; st. GS21, MNHN-IU-2013-4406, ~10 spp.; st. GS21, MNHN-IU-2013-6645, 3 spp.; st. GS23, MNHN-IU-2013-4847, 1 sp.; st. GS24, MNHN-IU-2013-4393, 16 spp.; st. GS25, MNHN-IU-2013-4698, 1 sp.; st. GS26, MNHN-IU-2013-4288, spp.; st. GS28, MNHN-IU-2013-4478, 3 spp.; st. GS29, MNHN-IU-2013-4837, 1 sp.; st. GS30, MNHN-IU-2013-4385, 1 sp.; st. GS30, MNHN-IU-2013-4701, 1 sp.; st. GS31, MNHN-IU-2013-4677, 5 spp.; st. GS35, MNHN-IU-2013-4834, 4 spp.; st. GS35, MNHN-IU-2013-5245, 1 sp.; st. GS36, MNHN-IU-2013-5263, 3 spp. - **Martinique**, BIOSPHERES 2015, coll. and photo R. Ferry, det. J. Poupin from photo.

Remark: *Pagurus brevidactylus*, as it is currently accepted, is a complex of species with several cryptic species confused under this name (cf. Lemaitre & Tavares 2015: 492).



Figure 168: *Pagurus brevidactylus*. Guadeloupe, KARUBENTHOS 2012, st. GR03, 6 m, MNHN-IU-2013-5097. Photo Joseph Poupin/Laure Corbari.

Pagurus criniticornis (Dana, 1852)

Distribution: IOV (Margarita, Cubagua). 2-50 m. WA.

Literature: *Pagurus criniticornis* - Lira 1997: tab. 3, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Pagurus curacaoensis (Benedict, 1892)

Distribution: ICA (Guadeloupe), IOV (Curaçao). 367-655 m. WA.

Literature: *Eupagurus curacaoensis* Benedict, 1892: 21, probably Curaçao although not formally indicated.

Phimochirus sp. - Poupin 1994: 33, Guadeloupe - From R/V *Polka*, 550 m, coll. J. Poupin 1993, det. J. Forest, MNHN, accepted as *P. curacaoensis* by R. Lemaitre (2010, com. pers.).

Pagurus leptonyx Forest & de Saint Laurent, 1968

Distribution: IOV (Margarita). 13-18 m. WA (continental).

Literature: *Pagurus leptonyx* - Lira 1997: tab. 3, Margarita.

Pagurus ?longicarpus Say, 1817

Distribution: ?IOV (Margarita). 1-200 m. WA.

Literature: *Pagurus* cf. *longicarpus* - Lira 1997: tab. 3, Margarita.

Remark: *Pagurus longicarpus* s.s. is distributed with certainty from Nova-Scotia to Florida and Gulf of Mexico, between 1-200 m (Felder *et al.* 2009). Its occurrence in Venezuela (IOV) must be confirmed.

Pagurus maclaughlinae García-Gómez, 1982

Distribution: ICA (Guadeloupe), IOV (Margarita, Cubagua, Curaçao). 1-5 m extended herein to 80 m (KARUBENTHOS 2012, st. GD32). WA.

Literature: *Pagurus maclaughlinae* - Lemaitre *et al.* 1982: 691, tab. 9, Curaçao. - Hernández *et al.* 1999: tab. 1, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Pagurus maclaughlinae* - Guadeloupe, KARUBENTHOS 2012 (2-80 m), det. R. Lemaitre Besse, 2013, st. GB04, 23 m, MNHN-IU-2013-4280, 1 sp.; st. GB07, 6 m, MNHN-IU-2013-4299, 1 sp., MNHN-IU-2013-4575, 1 sp.; st. GB12, 14 m, MNHN-IU-2013-6644, 1 sp.; st. GB36, 16 m, MNHN-IU-2013-4400, 1 sp.; st. GD13, 5 m, MNHN-IU-2013-4472, 2 spp.; st. GD17, 30 m, MNHN-IU-2013-4281, 1 sp.; st. GD22, 16 m, MNHN-IU-2013-4290, 1 sp.; st. GD32, 80 m, MNHN-IU-2013-4292, 1 sp.; st. GD66, 33 m, MNHN-IU-2013-4240, 1 sp.; st. GM24, 2 m, MNHN-IU-2013-4496, 1 sp.; st. GS12, 6 m, MNHN-IU-2013-4474, 2 spp.; st. GS16, 25 m, MNHN-IU-2013-4237, 3 spp., MNHN-IU-2013-4587, 1 sp.; st. GS20, 19 m, MNHN-IU-2013-4305, 1 sp.; st. GS22, 45 m, MNHN-IU-2013-4283, 1 sp.; st. GS26, 16 m, MNHN-IU-2013-4287, 1 sp.

Pagurus cf. *maclaughlinae* García-Gómez, 1982 - Guadeloupe, KARUBENTHOS 2012 (1-23 m), det. R. Lemaitre, Besse 2013; st. GB19, 11 m, MNHN-IU-2013-5131, 1 sp.; st. GD46, 10 m, MNHN-IU-2013-4697, 3 spp.; st. GD49, 3 m, MNHN-IU-2013-5124, 3 spp.; st. GD53, 4 m, MNHN-IU-2013-4841, 3 spp.; st. GM03, 1 m, MNHN-IU-2013-6715, 18 spp.; st. GM05, MNHN-IU-2013-5331, 1 sp., MNHN-IU-2013-4859, 1 sp., MNHN-IU-2013-5330, 1 sp., MNHN-IU-2013-4682, photo, 4 spp.; st. GM15, 1 m, MNHN-IU-2013-6763, ~30 spp., MNHN-IU-2013-5467, 1 sp.; st. GM29, 1 m, MNHN-IU-2013-5037, 10 spp.; st. GR39, 5 m, MNHN-IU-2013-4504, 3 spp.; st. GR46, 2 m, MNHN-IU-2013-4670, 3 spp.; st. GR50, 4 m, MNHN-IU-2013-5025, 1 sp.; st. GS08, 23 m,

MNHN-IU-2013-5249, 1 sp.; st. GS12, 6 m, MNHN-IU-2013-4855, 2 spp.; st. GS28, 5 m, MNHN-IU-2013-4476, 15 spp.

Remark: Several specimens det. by R. Lemaitre (Besse 2013) as *Pagurus* cf. *maclaughlinae* García-Gómez, 1982 but registered as *P. maclaughlinae* in Paris MNHN collection. According to R. Lemaitre (com. pers.) they are near *P. maclaughlinae* but differ in more elongate, more spinose chelipeds (especially right), chela more slender and triangular, P4 dactyl broader. These differences are perhaps in the range of intra-specific variations for *P. maclaughlinae*?

Pagurus marshi Benedict, 1901

Distribution: VGI (St Croix, St John), ICA (Guadeloupe, Barbados), IOV (Los Roques, Curaçao). 0-2 m, extended herein to 8 m (KARUBENTHOS 2012, st. GS14). WA.

Literature: *Pagurus marshi* - Schmitt 1924a: 80, Curaçao. - Schmitt 1935: 205, Curaçao. - Chace 1956: 153, Los Roques [Also *Pagurus* sp.]. - Provenzano 1961: 159, St John. - Hazlett 1966: 82, Curaçao. - Rodríguez 1980: 232, Curaçao. - Lemaitre *et al.* 1982: 680, tab. 5, St Croix, Barbados. - Grajal & Laughlin 1984: 225, Los Roques.

Fieldwork: *Pagurus marshi* - Guadeloupe, KARUBENTHOS 2012 (1-8 m), det. R. Lemaitre, Besse 2013, st. GM08, 1 m, MNHN-IU-2013-5430, 1 sp.; st. GM17, 1 m, MNHN-IU-2013-5338, 1 sp.; st. GS14, 8 m, MNHN-IU-2013-5455, 1 sp.

Pagurus protuberocarpus McLaughlin, 1982

Distribution: IOV (Testigos, Margarita, Aruba). 11-64 m. WA (continental).

Literature: *Pagurus protuberocarpus* McLaughlin, 1982b: 664, tab. 1, between Testigos/Margarita, south of Aruba.

Pagurus provenzanoi Forest & de Saint Laurent, 1968

Distribution: ICA (Anguilla, St Martin, St Barthélemy, Barbuda, Nevis, Guadeloupe, Martinique). 5-100 m. WA.

Literature: *Pagurus provenzanoi* - Lemaitre *et al.* 1982: 672, Anguilla, St Martin, St Barthélemy, Barbuda, Nevis, Guadeloupe. - Carré 2005: 23, Martinique.

Fieldworks: *Pagurus provenzanoi* - Saint-Martin, RNN Inventory, 13/04/2012, UF31904, photo Dstrm_1868; 26/04/2012, UF32468,



Figure 169: *Pagurus provenzanoi*. Martinique, 2010/2015. Photo Yan Buske.

photo Dstm_4368; 25/04/2012, UF32495, photo Dstm_7445 - Guadeloupe, KARUBENTHOS 2012 (1-50 m), det. R. Lemaitre, Besse 2013; st. GB06, 23 m, MNHN-IU-2013-5642, 1 sp.; st. GB12, 14 m, MNHN-IU-2013-4151, 1 sp.; st. GB13, 10 m, MNHN-IU-2013-4233, 3 spp., MNHN-IU-2013-5481, 7 spp.; st. GB16, 19 m, MNHN-IU-2013-5456, 1 sp.; st. GB20, 16 m, MNHN-IU-2013-5328, 7 spp.; st. GB23, 16 m, MNHN-IU-2013-5316, 1 sp.; st. GB33, 50 m, MNHN-IU-2013-5470, 1 sp.; st. GB36, 16 m, MNHN-IU-2013-4401, 2 spp., MNHN-IU-2013-4576, 1 sp.; st. GD08, 35 m, MNHN-IU-2013-5094, 1 sp.; st. GD17, 30 m, MNHN-IU-2013-4860, 3 spp., MNHN-IU-2013-5630, 6 spp., MNHN-IU-2013-5360, 1 sp.; st. GD20, 35 m, MNHN-IU-2013-5468, 5 spp.; st. GD65, 20 m, MNHN-IU-2013-5610, 5 spp.; st. GM08, 1 m, MNHN-IU-2013-5431, 1 sp., MNHN-IU-2013-5437, 1 sp.; st. GM34, 1 m, MNHN-IU-2013-5349, 1 sp.; st. GR10, 29 m, MNHN-IU-2013-5020, 2 spp.; st. GR17, 13 m, MNHN-IU-2013-4230, 3 spp., MNHN-IU-2013-4581, 1 sp.; st. GR23, 20 m, MNHN-IU-2013-5039, 1 sp., MNHN-IU-2013-5339, 1-2 spp.; st. GR24, 16 m, MNHN-IU-2013-4384, 1 sp., MNHN-IU-2013-5042, 1 sp.; st. GR38, 5 m, MNHN-IU-2013-5429, 1 sp.; st. GR54, 16 m, MNHN-IU-2013-5432, 1 sp.; st. GS04, 11 m, MNHN-IU-2013-5635, 6 spp. to be checked because recorded as *Pagurus brevidactylus* in Paris MNHN; st. GS05, 22 m, MNHN-IU-2013-5457, 1 sp.; st. GS06, 23 m, MNHN-IU-2013-5644, 2 spp., MNHN-IU-2013-4863, 1 sp.; st. GS09, 11 m, MNHN-IU-2013-5639, 9 spp.; st. GS14, 8 m, MNHN-IU-2013-5345, 1 sp.; st. GS16, 25 m, MNHN-IU-2013-5004, 7 spp.; st. GS19, 8 m, MNHN-IU-2013-5256, 3 spp.; st. GS24, 16 m, MNHN-IU-2013-5632, 5 spp., MNHN-IU-2013-5109, 1-2 spp., MNHN-IU-2013-5443, 8 spp. - MNHN-IU-2013-5231, 1 sp.; st. GS26, 16 m, MNHN-IU-2013-5440, 1 sp.; st. GS36, 50 m, MNHN-IU-2013-5236, 2 spp. - **Martinique** 2010, 2015, photo in situ Y. Buske, det. J. Poupin from photo; BIOSPHERES 2015, coll. R. Ferry, det. J. Poupin from photo, December 2015.

Pagurus scopaopsis Lima & Lemaitre, 2016

Distribution: IOV (off Tortuga, Orchila). 60-73 m. WA (continental).
Literature: *Pagurus scopaopsis* Lima & Lemaitre, 2016: 446, off Tortuga, Orchila.
Remark: This record included because in the vicinity of IOV, at 10° 44' N, 66° 07' W, which is 10-15 km from Venezuelan coastline and about 100 km south of Orchila and 60 km west of Tortuga.

Pagurus stimpsoni (A. Milne-Edwards & Bouvier, 1893)

Distribution: ICA (Martinique), IOV (Margarita, Cubagua, Bonaire, Curaçao, Aruba). 1-30 m (to ?512 m). WA.
Literature: *Pagurus bonairensis* Schmitt, 1936: 376, Bonaire, Aruba. - Hazlett 1966: 76, Curaçao. - Rodríguez 1980: 232, Bonaire, Curaçao - *Pagurus bonairensis* Schmitt, 1936 accepted as *Pagurus stimpsoni* in WoRMS (2018).
Pagurus hendersoni - Carré 2005: 23, Martinique - *Pagurus hendersoni* Wass, 1963 accepted as *Pagurus stimpsoni* in WoRMS (2018).
Pagurus stimpsoni - Lemaitre *et al.* 1982: 687, tab. 8, Margarita, Bonaire. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Phimochirus holthuisi (Provenzano, 1961)

Distribution: VGI (St John), ICA (St Martin, Guadeloupe, Martinique), IOV (Tortuga). 1-210 m. WA.
Literature: *Pylopagurus holthuisi* Provenzano, 1961: 162, St John. *Phimochirus holthuisi* - McLaughlin 1981b: 342, tab. 5, off Venezuelan coast, west of Tortuga. - Abele & Kim 1986: 34, Virgin Islands. - Carré 2005: 23, Martinique.
Fieldworks: *Phimochirus holthuisi* - Saint-Martin, RNN Inventory 19/04/2012, UF32282, photo Dstm_6245; 20/04/2012, UF32303, photo Dstm_3696, UF32303, photo Dstm_6541. - **Guadeloupe**, KARUBENTHOS 2012 (6-40 m), det. R. Lemaitre, Besse 2013; st. GB09, 6 m, MNHN-IU-2013-4492, 1 sp., MNHN-IU-2013-6652, 1 sp.; st. GD09, 40 m, MNHN-IU-2013-5241, 1 sp.; st. GS05, 22 m, MNHN-IU-2013-5034, 1 sp.; st. GS06, 23 m, MNHN-IU-2013-4864, 1 sp.; st. GS26, 16 m, MNHN-IU-2013-5438, 1 sp.; st. GS29, 29 m, MNHN-IU-2013-4838, 1 sp.



Figure 170: *Phimochirus holthuisi*. Guadeloupe, KARUBENTHOS 2012, st. GB09, 6 m, MNHN-IU-2013-6652. Photo Joseph Poupin/Laure Corbari.

Phimochirus leurocarpus McLaughlin, 1981

Distribution: IOV (Tortuga). 38-202 m. WA.
Literature: *Phimochirus leurocarpus* - McLaughlin 1981b: 356, tab. 8, west of Tortuga.

Phimochirus occlusus (Henderson, 1888)

Distribution: VGI (Tortola, Anegada). 103-640 m. WA.
Literature: *Phimochirus occlusus* - McLaughlin 1981b: 360, tab. 9, north Tortola, west Anegada.

Phimochirus operculatus (Stimpson, 1859)

Distribution: ICA (St Barthélemy, Guadeloupe, Martinique), IOV (Curaçao). 1-15 m extended herein to 22 m (KARUBENTHOS 2012, st. GB03). WA.
Literature: *Pylopagurus operculatus* - Hazlett 1966: 86, Curaçao. - Rodríguez 1980: 234, Curaçao. - Questel 2014: 13, St Barthélemy. *Phimochirus operculatus* - McLaughlin 1981b: 336, tab. 3, Curaçao.
Fieldworks: *Phimochirus operculatus* - **Guadeloupe**, KARUBENTHOS 2012 (1-22 m), det. R. Lemaitre Besse 2013; st. GB03, 22 m, MNHN-IU-2013-4849, 1 sp.; st. GM34, 1 m, MNHN-IU-2013-5235, 1 sp.; st. GR49, 15 m, MNHN-IU-2013-4490, photo, 1 sp.,

MNHN-IU-2013-4580, 1 sp.; st. GR55, 19 m, MNHN-IU-2013-4678, 1 sp. - Martinique 2010, photo in situ Y. Buske, Arlet Bourg, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Phimochirus randalli (Provenzano, 1961)

Distribution: VGI (St John), ICA (Anguilla, Guadeloupe, Dominica), IOV (Bonaire). 15-91 m. WA.

Literature: *Pylopagurus randalli* Provenzano, 1961: 159, St John. *Phimochirus randalli* - McLaughlin 1981b: 340, tab. 4, north Anguilla (Sombbrero), west of Guadeloupe, Dominica, Bonaire. - Abele & Kim 1986: 34, St John. - Lemaitre & McLaughlin 2003: 476, St John [Type specimen, NMNH 106353].

Fieldwork: *Phimochirus randalli* - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaitre Besse 2013, GS31, 29 m, MNHN-IU-2013-5018, 1 sp.

Protoniopagurus bioperculatus Lemaitre & McLaughlin, 1996

Distribution: ICA (Guadeloupe), IOV (Curaçao). 91-585 m. WA.

Literature: *Protoniopagurus bioperculatus* - Poupin & Corbari 2016: 56, Guadeloupe.

Remark: This species is also known from Curaçao, from unpublished field observations made by CURASUB submersible at 246 m (R. Lemaitre, com. pers.)



Figure 171: *Protoniopagurus bioperculatus*. Guadeloupe, KARUBENTHOS 2015, in siliceous sponge, st. DW4634, 310-304 m, MNHN-IU-2013-19141. Photo Joseph Poupin.

Pusillopagurus polulus Lemaitre, Felder & Poupin, 2017

Distribution: IOV (Curaçao). 15.2-115.8 m. Only/IOV.

Literature: *Pusillopagurus polulus* Lemaitre, Felder & Poupin, 2017: 187, Curaçao.

Pylopaguropsis mollymullerae Lemaitre, 2017

Distribution: IOV (Bonaire). 11-14 m. Only/IOV.

Literature: *Pylopaguropsis mollymullerae* Lemaitre, 2017: 144, Bonaire.

Remark: Color photographs and a video are available at ZooKeys (<https://doi.org/10.3897/zookeys.646.11132>).



Figure 172: *Pylopagurus discoidalis*. Guadeloupe, KARUBENTHOS 2015, in scaphopod shell, st. DW4597, 210-208 m, MNHN-IU-2013-19026. Photo Joseph Poupin.

Pylopagurus discoidalis (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (Montserrat, Guadeloupe, St Lucia, St Vincent, Barbados), IOV (Curaçao). 11-1 020 m. WA.

Literature: *Eupagurus discoidalis* A. Milne-Edwards, 1880: 41, St Croix, Montserrat, Guadeloupe, St Lucia, St Vincent, Barbados.

Pylopagurus discoidalis - A. Milne-Edwards & Bouvier 1893: 76, St Croix, Montserrat, Guadeloupe, St Lucia, St Vincent, Barbados. - McLaughlin & Lemaitre 2001: 451, Guadeloupe, Montserrat, St Lucia, St Vincent, Barbados. - Lemaitre & Tavares 2015: 496, Curaçao. - Poupin & Corbari 2016: 56, Guadeloupe.

Fieldwork: *Pylopagurus discoidalis* - Guadeloupe, coll. Lamy, 2002-2003, traps & nets 100-300 m, det. P. A. McLaughlin, Paris MNHN, 2005.

Pylopagurus gorei McLaughlin & Lemaitre, 2001

Distribution: ICA (St Lucia). 417-787 m. WA.

Literature: *Pylopagurus gorei* McLaughlin & Lemaitre, 2001: 468, St Lucia.

Pylopagurus macgeorgei McLaughlin & Lemaitre, 2001

Distribution: ICA (St Lucia, Barbados). 453-715 m. WA.

Literature: *Pylopagurus macgeorgei* McLaughlin & Lemaitre, 2001: 464, St Lucia, Barbados.

Pylopagurus pattiae Lemaitre & Campos, 1993

Distribution: ICA (Guadeloupe, Tobago), IOV (Margarita, Blanquilla, Tortuga). 20-82 m. WA.

Literature: *Pylopagurus pattiae* - McLaughlin & Lemaitre 2001: 448, Tobago, Margarita, Blanquilla, Tortuga.

Fieldwork: *Pylopagurus pattiae* - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaitre Besse 2013, st. GD31, 85 m, MNHN-IU-2013-4306, 1 sp.

Rhodochirus rosaceus (A. Milne-Edwards & Bouvier, 1893)

Distribution: ICA (St Vincent, Grenada, Tobago, Trinidad). 95-200 m. WA.

Literature: *Pylopagurus rosaceus* A. Milne-Edwards & Bouvier, 1893: 97, Grenada.

Rhodochirus rosaceus - McLaughlin 1981b: 330, tab. 1, St Vincent, between Grenada/Trinidad, Tobago.

Spathapagurus longimanus (Wass, 1963)

Distribution: ICA (Guadeloupe, Martinique). 15-69 m. WA.

Fieldworks: *Spathapagurus longimanus* - Guadeloupe, KARUBENTHOS 2012, det. R. Lemaitre, Besse 2013, st. GD17, 30 m, MNHN-IU-2013-4862, 2 spp.; st. GD48, 27 m, MNHN-IU-2013-5344, 1 sp. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Tomopaguopsis problematica (A. Milne-Edwards & Bouvier, 1893)

Distribution: ICA (Barbados). 13-528 m. WA.

Literature: *Eupagurus? problematicus* A. Milne-Edwards & Bouvier, 1893: 151, Barbados.

Tomopaguopsis problematica - Felder *et al.* 2009: 1 070, Barbados.

Remark: The genus *Tomopaguopsis* is discussed in Lemaitre *et al.* (2014: 66) with a key to the 5 species included.

Tomopagurus chacei (Wass, 1963)

Distribution: ICA (Grenada, Tobago, Trinidad). 75-360 m. WA.

Literature: *Tomopagurus chacei* - McLaughlin 1981a: 25, tab. 6, between Grenada/Tobago & Trinidad.

Tomopagurus rubropunctatus A. Milne-Edwards & Bouvier, 1893

Distribution: ICA (Guadeloupe, Barbados). 73-238 m. WA.

Literature: *Tomopagurus rubropunctatus* A. Milne-Edwards & Bouvier, 1893: 71, Barbados. - Poupin & Corbari 2016: 58, Guadeloupe.

Tomopagurus wassi McLaughlin, 1981

Distribution: ICA (Guadeloupe, St Lucia). 75-360 m, extended to 358/403 (Poupin & Corbari 2016). WA.

Literature: *Tomopagurus wassi* McLaughlin, 1981a: 23, off St Lucia. - Poupin & Corbari 2016: 58, Guadeloupe.

Fieldwork: *Tomopagurus wassi* - Guadeloupe, coll. Lamy, 2002-2003, traps & nets 100-300 m, det. P.A. McLaughlin, Paris MNHN, 2005.

Xylopagurus rectus A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe, Dominica). 170-311 m, extended to 367/389 m (Poupin & Corbari 2016). WA.



Figure 173: *Xylopagurus rectus*. Guadeloupe, R/V Polka, traps 250 m, extracted from tubular cavity in the illustrated piece of sun-dried wood. Photo Joseph Poupin.

Literature: *Xylopagurus rectus* A. Milne-Edwards, 1880: 37, Dominica. - A. Milne-Edwards & Bouvier 1893: 108, Dominica [In part, see Lemaitre (1995)]. - Poupin 1994: 33, Guadeloupe. - Lemaitre 1995: 5, Guadeloupe, Dominica. - Gervain *et al.* 2002: 21, Guadeloupe. - Poupin & Corbari 2016: 58, Guadeloupe.

Fieldwork: *Xylopagurus rectus* - Guadeloupe, coll. Lamy, 2002-2003, traps & nets 100-300 m, det. P.A. McLaughlin, Paris MNHN, 2005.

Remark: See Lemaitre (1995) for differences between this species and *Xylopagurus tenuis*.

Xylopagurus tenuis Lemaitre, 1995

Distribution: ICA (St Vincent). 139-366 m. Only/Antilles.

Literature: *Xylopagurus rectus* A. Milne-Edwards, 1880: 37, St Vincent. - A. Milne-Edwards & Bouvier 1893: 108, St Vincent. - Schmitt 1935: 207, St Vincent [in part, fig. 67 specimen illustrated after A. Milne-Edwards & Bouvier (1893)] - All, in part not *X. rectus* but *X. tenuis* instead (see Lemaitre 1995).

Xylopagurus tenuis Lemaitre, 1995: 9, 19, St Vincent [in part with this comment 'The illustrations presented by A. Milne-Edwards (1883), and by A. Milne-Edwards and Bouvier (1893), do represent *X. rectus* sensu stricto. However, examination of the type material has revealed that the male from off St. Vincent (station 223) actually represents *X. tenuis*, new species'].

Family Parapaguridae Smith, 1882

Oncopagurus bicristatus (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix), ICA (St Lucia). 270-1 070 m. ATL.

Literature: *Eupagurus bicristatus* A. Milne-Edwards, 1880: 43, St Croix (Frederickstadt), St Lucia. - A. Milne-Edwards & Bouvier 1893: 154, St Croix.

Oncopagurus bicristatus - Lemaitre 2014: 217, St Croix (Frederickstadt).

Oncopagurus gracilis (Henderson, 1888)

Distribution: ICA (Dominica, Martinique, St Lucia, Barbados). 146-900 m. ATL.

Literature: *Sympagurus arcuatus* A. Milne-Edwards & Bouvier, 1893: 67, Dominica, St Lucia, Martinique - Accepted as *Oncopagurus gracilis* in WoRMS (2018).

Sympagurus gracilis - Lemaitre 1989: 99, Barbados [cf. table, with 'sp 9' being *S. gracilis*].

Oncopagurus gracilis - Lemaitre 2014: 252, St Lucia.

Paragiopagurus pilimanus (A. Milne-Edwards, 1880)

Distribution: VGI (north of Virgin Islands), ICA (Saba, St Kitts, Guadeloupe, ?Barbados), IOV (Curaçao). 36-2 034 m. WA.

Literature: *Eupagurus pilimanus* A. Milne-Edwards, 1880: 43, St Kitts, Guadeloupe, ?Barbados [In part, the specimen from Barbados is probably *Sympagurus pictus* Smith, 1883 (cf. Lemaitre 2004, 2013)].

Sympagurus pilimanus - A. Milne-Edwards & Bouvier 1893: 63, St Kitts, Guadeloupe [In part, others places are for *S. pictus* Smith (cf. Lemaitre 2004, 2013)]. - Bullis & Thompson 1965: 10, off Saba [RV Oregon, st. 2639]. - Poupin 1994: 34, Guadeloupe. - Lemaitre 1989: 94, north of Virgin Islands [From Johnson Smithsonian Deep-Sea Expedition, st. 100, 18° 40.15' N, 64° 50.15' W, 4 March 1933].

Paragiopagurus pilimanus - Lemaitre 2013: 408, Guadeloupe, Curaçao. - Poupin & Corbari 2016: 59.

Fieldwork: *Paragiopagurus pilimanus* - Guadeloupe, coll. Lamy, 2002-2003, traps & nets 200-300 m, det. P. A. McLaughlin, Paris MNHN, 2005.

Parapagurus alaminos Lemaitre, 1986

Distribution: ICA (?Guadeloupe, Tobago), IOV (Los Roques). 850-3360 m. ATL.

Literature: *Parapagurus alaminos* Lemaitre, 1986: 527, Tobago, Los Roques [Indicated as Caribbean Sea (RSMAS) which must include specimens from R/V *Pillsbury*, st. 844, Tobago (NMNH 310805), st. 747, Los Roques (NMNH 310817), consulted at NMNH Invertebrate collections (2017)].

Parapagurus ?alaminos - Poupin & Corbari 2016: 59, Guadeloupe [Photo determination, to be checked with specimen in MNHN-IU-2013-18767].

Parapagurus pilosimanus Smith, 1879

Distribution: ICA (Guadeloupe, Martinique, St Lucia). 102-3864 m. ATL

Literature: *Eupagurus jacobii* A. Milne-Edwards, 1880: 42, Guadeloupe, Martinique, St Lucia - Accepted as *Parapagurus pilosimanus* in WoRMS (2018).

Parapagurus pilosimanus - A. Milne-Edwards & Bouvier 1893: 28, Guadeloupe, Martinique, St Lucia. - Poupin 1994: 33, Guadeloupe. - Poupin & Corbari 2016: 59, Guadeloupe.

Remark: *Parapagurus pilosimanus* is a species complex with 4 species in WA: *P. pilosimanus*, *P. nudus*, *P. scaber*, and *P. alaminos* (cf. Lemaitre 1986). At least 2 species occur in Lesser Antilles, *P. pilosimanus* and *P. alaminos*, both illustrated in color in Lemaitre & Tavares (2015).

Sympagurus pictus Smith, 1883

Distribution: ICA (Barbados, Grenada, Trinidad). 180-2322 m. WA.

Literature: *Sympagurus pictus* - A. Milne-Edwards & Bouvier 1893: 60, Barbados. - Lemaitre 1989: 93, between Grenada/Trinidad [R/V *Pillsbury*, P-478, 2 August 1966, 598 m, 11° 32' N, 62° 07.2' W].



Figure 174: *Paragiopagurus pilimanus*. Guadeloupe, KARUBENTHOS 2015, st. DW4611, 263-242 m, MNHN-IU-2013-19056. Photo Joseph Poupin.

Family Pylochelidae Spence Bate, 1888

Cheiroplatea scutata Ortmann, 1892

Distribution: ICA (Guadeloupe). 485-496 m. WA.

Literature: *Cheiroplatea scutata* - Poupin & Corbari 2016: 60, Guadeloupe.

Remark: This species was recognized by R. Lemaitre (in Poupin & Corbari 2016) from photographs made during KARUBENTHOS 2015. It is the sole species in the genus and cannot be confused with any related species. It lives in a tubular cavity in wood or stone, unnoticed during KARUBENTHOS 2015. This is the only record of the species since its description from an unknown place and depth in the Gulf of Mexico.



Figure 175: *Cheiroplatea scutata*. Guadeloupe, KARUBENTHOS 2015, st. DW4639, 485-496 m, MNHN-IU-2013-19149. Photo Joseph Poupin.

Mixtopagurus paradoxus A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe, St Lucia, Barbados). 194-595 m. WA

Literature: *Mixtopagurus paradoxus* A. Milne-Edwards, 1880: 39, Barbados. - A. Milne-Edwards & Bouvier 1893: 24, Guadeloupe, Barbados. - Forest 1987: 220, Guadeloupe, Barbados, St Lucia. - Poupin 1994: 32, Guadeloupe.

Pylocheles agassizi A. Milne-Edwards, 1880

Distribution: VGI (St Croix), ICA (Guadeloupe, Montserrat, St Lucia, Barbados, St Vincent, Grenada). 250-963 m. WA.

Literature: *Pylocheles agassizii* A. Milne-Edwards, 1880: 38, Barbados. - A. Milne-Edwards 1883: pl. 10, Barbados. - A. Milne-Edwards & Bouvier 1893: 20, St Croix, Barbados, St Lucia. - Faxon 1896: 155, St Croix, Montserrat, St Vincent (Grenadines). - Forest 1987: 48, St Lucia, Barbados. - Poupin & Corbari 2016: 60, Guadeloupe.

INFRA ORDER BRACHYURA LATREILLE, 1802

Superfamily Homolodromioidea Alcock, 1899

Family Homolodromiidae Alcock, 1899

Dicranodromia alphonsei Martin & Guinot, in Guinot, 1995

Distribution: ICA (Guadeloupe). 273 m. Only/ICA.

Literature: *Dicranodromia ovata* A. Milne-Edwards, 1880: Guadeloupe - Pro-parte not *Dicranodromia ovata* A. Milne-Edwards, 1880, cf. Martin & Guinot, in Guinot (1995).

Dicranodromia alphonsei Martin & Guinot, in Guinot, 1995: 261, Guadeloupe.

Dicranodromia felderi Martin, 1990

Distribution: ICA (St Kitts, Dominica, Grenada). 543-948 m. WA.

Literature: *Dicranodromia felderi* Martin, 1990: 709, Dominica, Grenada. - Guinot 1995: 250, Dominica. - Tavares & Lemaitre 2014: 509, St Kitts, Dominica.

Dicranodromia ovata A. Milne-Edwards, 1880

Distribution: ICA (?Martinique, Barbados). 328 m. Only/ICA.

Literature: *Dicranodromia ovata* A. Milne-Edwards, 1880: 32, pro-parte, Barbados only. - A. Milne-Edwards & Bouvier 1902: 15, pro-parte, Barbados only. - Rathbun 1937: 60, pro-parte, Barbados only. - Guinot 1995: 242, ? off Martinique, Barbados.

Remark: Guinot (1995: 248) considers that *D. ovata* sensu stricto is known with certainty only from Barbados.

Homolodromia monstrosa Martin, Christiansen & Trautwein, 2001

Distribution: VGI (St Croix), ICA (Saba, St Eustatius, St Kitts, Nevis, Antigua, Barbuda, Guadeloupe, Dominica). 375-918 m. WA.

Literature: *Homolodromia monstrosa* Martin, Christiansen & Trautwein, 2001: 314, Saba 'identity questionable'. - Tavares & Lemaitre 2014: 512 'tentatively assigned to *H. monstrosa*', St Croix, Saba, St Eustatius, St Kitts, Nevis, Antigua, Barbuda, Dominica. - Poupin & Corbari 2016: 61, Guadeloupe.

Remark: This species much resembles *Homolodromia paradoxa* A. Milne-Edwards, 1880 and there is still some confusion to separate both species confidently (see Tavares & Lemaitre 2014).



Figure 176: *Homolodromia monstrosa*. Guadeloupe, KARUBENTHOS 2015, st. CP4512, 532-409 m, MNHN-IU-2013-18781. Photo Laure Corbari.

Homolodromia paradoxa A. Milne-Edwards, 1880

Distribution: VGI (St Thomas), ICA (Nevis, Guadeloupe). 375-933 m. WA.

Literature: *Homolodromia paradoxa* A. Milne-Edwards, 1880: 33, Nevis. - A. Milne-Edwards 1883: Nevis. - A. Milne-Edwards & Bouvier 1902: 11, Nevis. - Rathbun 1937: 58, Nevis. - Guinot 1995: 192, Nevis. - Martin *et al.* 2001: 314, Nevis [Redescription of type]. - Tavares & Lemaitre 2014: 511, Nevis (type) and 'tentatively assigned to *H. paradoxa*' from St Thomas, Guadeloupe (Marie-Galante).

Remark: See under *H. monstrosa*.

Superfamily Homoloidea De Haan, 1839

Family Homolidae De Haan, 1839

Homola minima Guinot & Richer de Forges, 1995

Distribution: ICA (Guadeloupe, Barbados). 55-683 m. WA.

Literature: *Homola spinifrons* - A. Milne-Edwards 1880: 33, Barbados - Not *Homola spinifrons* Leach, 1816, cf. Guinot & Richer de Forges (1995: 326).

Homola minima - Tavares & Lemaitre 2014: 514, Barbados. - Poupin & Corbari 2016: 63, Guadeloupe.

Homola vigil A. Milne-Edwards, 1880

Distribution: ICA (Anguilla, St Kitts, Nevis, Guadeloupe, Martinique). 125-804 m. WA.

Literature: *Homola vigil* A. Milne-Edwards, 1880: 33, Guadeloupe, Martinique. - A. Milne-Edwards & Bouvier 1902: 28, Guadeloupe, Martinique. - Poupin 1994: 40, Guadeloupe. - Guinot & Richer de Forges 1995: 330, Guadeloupe, Martinique. - Tavares & Lemaitre 2014: 518, Anguilla (Anegada Passage, Dog Island), St Kitts (St Christopher), Nevis, Martinique. - Poupin & Corbari 2016: 63, Guadeloupe.

Thelxiope vigil - Rathbun 1937: 66, Guadeloupe, Martinique.

Homola barbata - Paulmier 1993: 23, Guadeloupe, Martinique [R/V Polka]. - Paulmier & Gervain 1994: 10, tab. 2, Martinique [R/V Polka] - Not *Homola barbata* (Fabricius, 1793), an EP species, cf. Guinot & Richer de Forges (1995: 325) with all specimens of R/V Polka attributed to *H. vigil* (without citing Paulmier's contributions).

Homologenus rostratus (A. Milne-Edwards, 1880)

Distribution: VGI (St Croix, St Thomas), ICA (Isla de Aves). 600-1829 m. WA.

Literature: *Homolopsis rostratus* A. Milne-Edwards, 1880: 34, St Thomas, St Croix.

Homologenus rostratus - A. Milne-Edwards & Bouvier 1902: 30, between St Thomas, St Croix. - Rathbun 1933: 108, St Thomas, St Croix. - Rathbun 1937: 70, St Thomas, St Croix, off Isla de Aves (R/V Albatross at 15° 24' 40N, 63° 31' 30W). - Guinot & Richer de Forges 1995: 471 St Thomas, St Croix. - Tavares & Lemaitre 2014: 520, St Croix, St Thomas, Isla de Aves [Isla de Aves from R/V Albatross, NMNH 7802, same as Rathbun (1937)].



Figure 177: *Lamoha noar*. Guadeloupe, R/V Polka, trap at 350 m. Photo Joseph Poupin.

Lamoha noar (Williams, 1974)

Distribution: VGI (St Croix), ICA (Guadeloupe). 512-732 m. WA.

Literature: *Hypsophrys noar* - Poupin 1994: 40, Guadeloupe. - Guinot & Richer de Forges 1995: 447, Guadeloupe. - Tavares & Lemaitre 2014: 521, St Croix.

Family Latreilliidae Stimpson, 1858

Latreillia elegans Roux, 1830

Distribution: IOV (south of Los Roques). 35-474 m. ATL-MED.

Literature: *Latreillia manningi* Williams, 1982 : 237, Los Roques (off Venezuela, south of Los Roques) [USNM 172324, 1 F ov. off Venezuela, R/V *Oregon*, st. 4465, 17 October 1963, 10° 45' N, 66° 37' W, 229 m] - Accepted as *Latreillia elegans* Roux, 1830 in WoRMS (2018).

Remark: Synonymy between *Latreillia manningi* Williams, 1982 and *Latreillia elegans* Roux, 1830 is not accepted in Felder *et al.* (2009: note 241) who prefer to separate the WA species (*L. manningi*) from the EA-MED species (*L. elegans*) until 'comparative molecular studies can clarify its status'. Castro *et al.* (2003: 612) must be consulted for synonymy between the two species with this conclusion 'The differences between the two populations [WA and EA-MED] are thus seen as minor and overlapping and do not warrant the separation of *L. elegans* into two separate species'.

Superfamily Raninoidea De Haan, 1839

Family Raninidae De Haan, 1839

Lysirude nitidus (A. Milne-Edwards, 1880)

Distribution: ICA (Grenada). 119-823 m. WA.

Literature: *Raninoides nitidus* A. Milne-Edwards, 1880: 34, Grenada. - A. Milne-Edwards & Bouvier 1923: 297, Grenada. - Rathbun 1937: 16, Grenada.

Ranilia constricta (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe), IOV (Testigos, Margarita, Curaçao). 20-365 m. ATL.

Literature: *Ranilia constricta* - Soto 1986: 7/83, between Margarita/Testigos. - Stepp 2014: 17, Curaçao [Fossil remains]. - Poupin &



Figure 178: *Ranilia constricta*. Guadeloupe, KARUBENTHOS 2015, st. CP4624, 242-243 m, MNHN-IU-2013-19110. Photo Joseph Poupin.

Corbari 2016: 64, Guadeloupe. - Luque *et al.* 2017: 58, Curaçao [Fossil remains].

Raninoides laevis (Latreille, 1825)

Distribution: ICA (Barbados), IOV (Margarita, ?Tortuga). 18-200 m. WA.

Literature: *Raninoides laevis* (sic) - Rathbun 1921: 66, Barbados. - Rathbun 1937: 8, Barbados. - Taissoun 1982-1983: 58, Margarita. *Raninoides* sp. - Lira 2004: tab. 1, Tortuga - Arbitrarily placed herein under *R. laevis*.

Raninoides lamarcki A. Milne-Edwards & Bouvier, 1923

Distribution: ICA (Guadeloupe), IOV (Margarita, Curaçao). 46-366 m. WA.

Literature: *Raninoides lamarcki* - Türkay 1968: 251, Margarita. - Stepp 2014: 20, Curaçao [Fossil remains]. - Poupin & Corbari 2016: 64, Guadeloupe. - Luque *et al.* 2017: 58, Curaçao [Fossil remains].

Raninoides louisianensis Rathbun, 1933

Distribution: IOV (Testigos, Margarita). 30-300 m, to ?677 m. WA.

Literature: *Raninoides louisianensis* - Taissoun 1982-1983: 61, Testigos, Margarita.

Symethis variolosa (Fabricius, 1793)

Distribution: ICA (Guadeloupe). 18-137 m. WA.

Fieldwork: *Symethis variolosa* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, Besse 2013, 2 spp., st. GD51, 15 m, MNHN-IU-2013-4541, 5906.



Figure 179: *Symethis variolosa*. Guadeloupe, KARUBENTHOS 2012, st. GD51, 15 m, MNHN-IU-2013-4541, det. J. Poupin. Photo Joseph Poupin.

Superfamily Dromioidea De Haan, 1833

Family Dromiidae De Haan, 1833

Dromia erythropus (Georges Edwards in Gatesby, 1771)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, St Eustatius, Isla de Aves, Dominica, Martinique, Barbados), IOV (Margarita, Cubagua, Tortuga, Bonaire, Curaçao). 1-360 m. WA.

Literature: *Dromia lator* - Streets 1872: 133, St Martin - Accepted as *Dromia erythropus* in WoRMS (2018).

Dromia erythropus - Rathbun 1920a: 14, Curaçao. - Rathbun 1921: 65 Barbados. - Rathbun 1924: 13, Curaçao. - Rathbun 1936: 388,

Bonaire. - Rathbun 1937: 31, St Thomas, St Croix, St Eustatius, Dominica, Barbados, Bonaire, Curaçao. - Holthuis 1959: 76, St Martin. - García *et al.* 1998: 27, tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldworks: *Dromia erythropus* - Saint-Martin, RNN Inventory 18/4/2012, UF32266, photo Dstm_6068. - Martinique, photo in situ Y. Buske, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Hypoconcha arcuata Stimpson, 1858

Distribution: VGI (St Thomas), ICA (Grenada), IOV (Testigos, Margarita, Cubagua). 1-80 m. WA.

Literature: *Hypoconcha arcuata* - Stimpson 1859: 72, St Thomas. - Bullis & Thompson 1965: 10, between Grenada, Testigos [RV Oregon st. 2772]. - Lira *et al.* 2015: 154, Margarita, Cubagua.

Hypoconcha parasitica (Linnaeus, 1763)

Distribution: VGI (St Thomas), ICA (St Martin), IOV (Margarita, Coche, Cubagua). 1-83 m. WA.

Literature: *Hypoconcha sabulosa* - Henderson 1888: 17, St Thomas - Accepted as *Hypoconcha parasitica* in WoRMS (2018).

Hypoconcha parasitica - Lira *et al.* 2015: 155, Margarita, Coche, Cubagua.

Fieldwork: *Hypoconcha parasitica* - Saint-Martin, RNN Inventory 20/04/2012, UF32367, photo Dstm_6676.

Moreiradromia antillensis (Stimpson, 1858)

Distribution: VGI (St Thomas, St Croix, St John), ICA (St Martin, ?Guadeloupe, Dominica, Martinique, Grenada), IOV (Margarita, Cubagua). 1-330 m. WA.

Literature: *Dromidia antillensis* - Stimpson, 1859: 71, St Thomas. - A. Milne-Edwards 1880: 31, St John (Flanagan Passage), Grenada. - A. Milne-Edwards & Bouvier 1902: 22, Grenada. - Rathbun 1920a: 15, St Martin. - Rathbun 1921: 66, Barbados. - Rathbun 1933: 108, St Thomas, St Croix. - Rathbun 1937: 33, St Thomas, St Croix, St Martin, Grenada. - Chace 1956: 153, Los Roques. - Rodríguez 1980: 250, Margarita. - Taissoun 1982-1983: 56, Margarita. - Paulmier 1993: 23, Martinique. - Debelius 2001: 80, Dominica.

Dromia vulgaris - Doflein 1899: 182, Martinique - *Dromia vulgaris* H. Milne Edwards, 1837 is accepted as *Dromia personata* in WoRMS (2018). *Dromia personata* is distributed in the EA only, therefore Doflein's record from Martinique is probably not *D. personata* but *M. antillensis* instead.

Cryptodromia antillensis - Hernández *et al.* 1999: tab. 1, Margarita (Laguna de Las Marites).

Moreiradromia antillensis - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Moreiradromia ?antillensis - Poupin & Corbari 2016: 60, Guadeloupe [Det. from photos only, to be checked with specimens in MNHN-IU-2013-18946, 18916].

Family Dynomenidae Ortmann, 1892

Acanthodromia erinacea A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe, St Vincent). 160-304/310 m. WA.

Literature: *Acanthodromia erinacea* A. Milne-Edwards, 1880: 31, Guadeloupe, St Vincent. - A. Milne-Edwards & Bouvier 1902: 23, Guadeloupe, St Vincent. - Rathbun 1937: 55, Guadeloupe, St Vincent. - McLay 1999: 535, Guadeloupe. - Poupin & Corbari 2016: 61, Guadeloupe.

Superfamily Cyclodorippoidea Ortmann, 1892

Family Cyclodorippidae Ortmann, 1892

Clythrocerus granulatus (Rathbun, 1898)

Distribution: VGI (St Thomas), ICA (Trinidad). 29-1 036 m. WA.

Literature: *Cyclodorippe granulata* Rathbun, 1898: 293, Trinidad.

Clythrocerus granulatus - Rathbun 1937: 119, north off St Thomas, Trinidad. - Rodríguez 1980: 252, Trinidad. - Tavares 1996a: 248, north off St Thomas, Trinidad.

Clythrocerus nitidus (A. Milne-Edwards, 1880)

Distribution: ICA (Barbados, Grenada). 12-531 m. WA.

Literature: *Cyclodorippe nitida* A. Milne-Edwards, 1880: 24, Grenada.

Clythrocerus nitidus - A. Milne-Edwards & Bouvier 1902: 90, Grenada. - Rathbun 1937: 109, Grenada. - Tavares 1996a: 253, Barbados, Grenada.

Cyclodorippe agassizii A. Milne-Edwards, 1880

Distribution: VGI (St Thomas, St John), ICA (St Vincent, Grenada). 232-402 m. WA.

Literature: *Cyclodorippe agassizii* A. Milne-Edwards, 1880: 25, St Vincent (Grenadines). - A. Milne-Edwards & Bouvier 1902: 94, St Vincent (Grenadines). - Rathbun 1937: 105, Grenada (Carriacou). - Tavares 1996a: 263, north off St Thomas/St John, Grenada.

Cyclodorippe antennaria A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe, Dominica, Martinique, St Lucia, Barbados, St Vincent, Grenada). 90-686 m. WA.

Literature: *Cyclodorippe antennaria* A. Milne-Edwards, 1880: 25, Dominica, Martinique, St Vincent, Barbados. - Faxon 1896: 144, St Vincent (Grenadines), Grenada, Barbados. - A. Milne-Edwards & Bouvier 1902: 99, Dominica, Martinique, St Vincent,



Figure 180: *Acanthodromia erinacea*. Guadeloupe, KARUBENTHOS 2015, st. DW4634, 310-304 m, MNHN-IU-2013-19139. Photo Joseph Poupin.

Barbados. - Rathbun 1937: 104, Dominica, St Vincent (Grenadines), Barbados, Grenada. - Tavares 1996a: 266, Dominica, Martinique, St Lucia, Barbados, St Vincent (Grenadines), Grenada. - Poupin & Corbari 2016: 64, Guadeloupe.

***Cyclodorippe bouvieri* Rathbun, 1934**

Distribution: ICA (Guadeloupe). 279-459 m. WA.

Literature: *Cyclodorippe bouvieri* - Poupin & Corbari 2016: 65, Guadeloupe.



Figure 181: *Cyclodorippe bouvieri*. Guadeloupe, KARUBENTHOS 2015, st. DW4630, 428-379 m, MNHN-IU-2013-19130. Photo Joseph Poupin.

***Deilocerus perpusillus* (Rathbun, 1901)**

Distribution: ICA (Barbados). 27-220 m. WA.

Literature: *Cyclodorippe perpusillus* - Rathbun 1921: 66, Barbados. *Clythrocerus perpusillus* - Rathbun 1937: 111, Barbados. *Deilocerus perpusillus* - Rodríguez 1980: 253, Barbados. - Tavares 1996a: 281, Barbados.

***Simodorippe tylota* Chace, 1940**

Distribution: ICA (Guadeloupe). 105-396 m. WA. (see Tavares 1996a).

Literature: *Simodorippe tylota* - Poupin & Corbari 2016: 65, Guadeloupe.



Figure 182: *Simodorippe tylota*. Guadeloupe, KARUBENTHOS 2015, st. DW4616, 372-325 m, MNHN-IU-2013-19075. Photo Joseph Poupin.

Family Cymonomidae Bouvier, 1898

***Curupironomus agassizi* (A. Milne-Edwards & Bouvier, 1899)**

Distribution: ICA (Guadeloupe). 128-549 m. WA.

Literature: *Curupironomus agassizi* - Poupin & Corbari 2016: 65, Guadeloupe.

***Cymonomoides cubensis* (Chace, 1940)**

Distribution: ICA (Guadeloupe). 475-1 006 m. WA.

Literature: *Cymonomoides cubensis* - Poupin & Corbari 2016: 65, Guadeloupe.

***Cymonomoides guinotae* (Tavares, 1991)**

Distribution: ICA (Guadeloupe). 406-1 005 m. WA.

Literature: *Cymonomoides guinotae* - Poupin & Corbari 2016: 66, Guadeloupe.

***Cymonomus leblondi* Tavares, 1994**

Distribution: ICA (Guadeloupe). 600-690 m. Only/ICA.

Literature: *Cymonomus* sp. nov. - Poupin 1994: 39, Guadeloupe. *Cymonomus leblondi* Tavares, 1994: 204, Guadeloupe. - Poupin & Corbari 2016: 66, Guadeloupe.



Figure 183: *Cymonomus leblondi*. Guadeloupe, KARUBENTHOS 2015, st. DW4510, 660-690 m, MNHN-IU-2013-18856. Photo Laure Corbari.

***Cymonomus quadratus* A. Milne-Edwards, 1880**

Distribution: VGI (St Croix), ICA (Guadeloupe, Dominica, St Vincent, Grenada). 185-930 m. WA.

Literature: *Cymonomus quadratus* A. Milne-Edwards, 1880: 26, St Croix, Guadeloupe, Dominica, Grenada. - A. Milne-Edwards & Bouvier 1902: 81, Guadeloupe, Dominica, Grenada. - Rathbun 1933: 106, St Croix. - Rathbun 1937: 98, St Croix, Guadeloupe, Dominica, St Vincent, Grenada.

***Cymopolus asper* A. Milne-Edwards, 1880**

Distribution: ICA (Montserrat). 271 m. Only/ICA.

Literature: *Cymopolus asper* A. Milne-Edwards, 1880: 27, Montserrat. - A. Milne-Edwards & Bouvier 1902: 74, Montserrat. - Rathbun 1937: 99, Montserrat.

Remark: It seems that this species has never been retrieved since its original description from Montserrat. The syntype is in Paris MNHN (Cleva *et al.* 2007: 257, MNHN-B13479).

Superfamily Aethroidea Dana, 1851

Family Aethridae Dana, 1851

Hepatus pudibundus (Herbst, 1785)

Distribution: VGI (St Thomas, St John), ICA (Guadeloupe, Martinique), IOV (Margarita, Cubagua). 2-160 m. WA.

Literature: *Hepatus fasciatus* - H. Milne Edwards 1837 (1834-1840): 117, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 53, Guadeloupe - *Hepatus fasciatus* Latreille, 1803 accepted as *H. pudibundus* in WoRMS (2018).

Hepatus tuberculatus - Desbonne, in Desbonne & Schramm 1867: 53, Guadeloupe - *Hepatus tuberculatus* Saussure, 1858 accepted as *H. pudibundus* in WoRMS (2018).

Hepatus princeps - Rathbun 1937: 235, part western Atlantic records only, St Thomas, St John, Guadeloupe, Martinique 'type locality' - *Hepatus princeps* (Herbst, 1794) accepted as *H. pudibundus* in Williams (1984: 280).

Hepatus pudibundus - Rodríguez 1980: 265, Margarita. - Taissoun 1984-1985: 128, Margarita. - Hernández *et al.* 1999: tab. 1, Margarita. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldwork: *Hepatus pudibundus* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013; 1 sp., MNHN-IU-2013-4441, st. GD46, 10 m; 1 sp., MNHN-IU-2013-4523, st. GD49, 3 m; 2 spp., MNHN-IU-2013-4421, 1 sp., MNHN-IU-2013-6699, st. GN29, 5 m; 3 spp., MNHN-IU-2013-6703, st. GN31, 4 m (also listed in MNHN Crustacean collections 2018: MNHN-IU-2013-4451, 6700, 6887, 6888, 6889, 6890, 6891).

Osachila antillensis Rathbun, 1916

Distribution: VGI (St Croix), ICA (Montserrat, Guadeloupe, Dominica, Martinique, St Vincent, Barbados, Grenada). 80-300 m. WA.

Literature: *Osachila antillensis* - Rathbun 1933: 104, St Croix. - Rathbun 1937: 251, St Croix, Montserrat, Dominica, Barbados, Grenada. - Poupin 1994: 41, Guadeloupe. - Poupin & Corbari 2016: 66, Guadeloupe.

Remark: *Osachila antillensis* is very similar to *Osachila tuberosa* Stimpson, 1871 also present in Guadeloupe. The distinction between the two species in Rathbun (1924: 248, pl. 77, fig. 2-3) is based on the aspect of the carapace 'wholly eroded' (*O. antillensis*) or 'partly eroded' (*O. tuberosa*). Otherwise these two species are very similar and perhaps conspecific?



Figure 184: *Osachila antillensis*. Guadeloupe, KARUBENTHOS 2012, 1 ♀ 18.1x20.1 mm, MNHN-IU-2013-14513, st. GN22, 120 m. Photo J. Poupin.

Osachila tuberosa Stimpson, 1871

Distribution: VGI (St Croix), ICA, (Anguilla, Montserrat, Guadeloupe, Dominica, Martinique, St Vincent, Barbados, Grenada), IOV (Curaçao). 40-280 m. WA.

Literature: *Osachila tuberosa* - A. Milne-Edwards 1880: 20, St Croix, Anguilla (Sombbrero), Montserrat, Dominica, St Vincent, Barbados, Grenada. - A. Milne-Edwards & Bouvier 1923: 304, St Croix, Montserrat, Dominica, St Vincent, Grenada, Barbados. - Rodríguez 1980: 265 between Curaçao/Falcon State. - Paulmier 1993: 24, Martinique.

Fieldwork: *Osachila tuberosa* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013; 1 sp., MNHN-IU-2013-4546, st. GN16, 75 m; 3 spp., MNHN-IU-2013-6730, st. GN24, 130 m.

Remark: See under *Osachila antillensis*.

Superfamily Calappoidea De Haan, 1833

Family Calappidae De Haan, 1833

Acanthocarpus alexandri Stimpson, 1871

Distribution: ICA (Saba, St Kitts, Guadeloupe, St Lucia, St Vincent). 57-1 034 m. WA.

Literature: *Acanthocarpus alexandri* - A. Milne-Edwards 1880: 19, Saba, St Lucia, St Vincent (Grenadines). - Faxon 1896: 144, St Kitts. - A. Milne-Edwards & Bouvier 1902: 126, Saba, St Lucia, St Vincent (Grenadines). - Rathbun 1937: 224, Saba, St Kitts. - Poupin & Corbari 2016: 67, Guadeloupe.

Acanthocarpus bispinosus A. Milne-Edwards, 1880

Distribution: ICA (St Vincent). 201-405 m. WA.

Literature: *Acanthocarpus bispinosus* A. Milne-Edwards, 1880: 19, St Vincent (Grenadines). - A. Milne-Edwards & Bouvier 1902: 127, St Vincent (Grenadines). - Rathbun 1937: 224, St Vincent (Grenadines).

Calappa cinerea Holthuis, 1958

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Isla de Aves), IOV (Testigos, Margarita, Cubagua, Tortuga, Bonaire). ?0-10 m. Only/Antilles.

Literature: *Calappa cinerea* Holthuis, 1958: 147, tab. 14, St Thomas, St Croix, St Martin, Margarita, Bonaire. - Rodríguez 1980: 262, Isla de Aves, Margarita. - Taissoun 1984-1985: 151, Testigos, Margarita. - García *et al.* 1998: 27, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Calappa flammea (Herbst, 1794)

Distribution: Lesser Antilles, IOV (Margarita). 1-262 m. WA (continental).

Literature: *Calappa flammea* - Taissoun 1984-1985: 128, Margarita.

Calappa galloides Stimpson, 1859

Distribution: VGI (St Croix), ICA (St Martin, St Barthélemy, Guadeloupe, Dominica, Martinique, Barbados), IOV (Tortuga, Bonaire, Curaçao). 2-220 m. ATL.

Literature: *Calappa squamosa* Desbonne, in Desbonne & Schramm, 1867: 51, Guadeloupe [MNHN dry collection, n°160-161, B-18809] - Accepted as *Calappa galloides* Stimpson, 1859 in WoRMS (2018).



Figure 185: *Calappa galloides*. Martinique, 'Cap enragé', 2013. Photo Yan Buske.

Calappa galloides - Streets 1872: 133, St Martin. - Questel 2014: 10, St Barthélemy. - Stepp 2014: 22, Curaçao [Fossil remains]. - Luque *et al.* 2017: 59, Curaçao [Fossil remains].

Calappa gallus - Rathbun 1920a: 15, St Martin, Curaçao. - Rathbun 1921: 66, Barbados. - Rathbun 1924: 13, Curaçao. - Rathbun 1936: 388, Bonaire. - Rathbun 1937: 214, part Atlantic records only, St Croix, St Martin, Dominica, Barbados, Bonaire, Curaçao. - Holthuis 1959: 76, St Martin. - Lira 2004: tab. 1, Tortuga - All not *Calappa gallus* (Herbst, 1803), see Remark.

Fieldworks: *Calappa galloides* - Saint-Martin, RNN Inventory, 20/04/2012, UF32365, photo Dstm_6649; UF32369, photo Dstm_6694. - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, specimen damaged (no abdomen, no legs) 1 female 37.5x44.8 mm, MNHN-IU-2013-6704, st. GM 18, 1 m; 1 juv., MNHN-IU-2013-4454, st. GD21, 40 m; 1 male 20.5x24.9 mm, MNHN-IU-2013-6705, st. GD69, 60 m, photo; 1 juv, MNHN-IU-2013-4512, st. GS21, 6 m - Remarks (August 2016): MNHN-IU-2013-4519 recorded as *C. galloides* in Paris collection is probably *Cyclozodion tuberatum* instead and MNHN-IU-2013-4451 recorded as *Hepatus pudibundus* is probably a juvenile of *Calappa galloides*. - Martinique, specimen in MNHN, campaign IGMAR 3, st. 402 (sonde 23), dredge 14° 41.89' N, 60° 51.57' W, IFREMER 11/09/1994, G. Paulmier, det. M. Tavares 2007 (as *Calappa gallus*); 2013, photo in situ Y. Buske, Cap enragé, det. J. Poupin from photo.



Figure 186: *Calappa ocellata*. Martinique, 2013, two specimens mating. Photo Yan Buske.

Remark: This species is closely related to the IWP *Calappa gallus* (Herbst, 1803). Rathbun (1937: 214) has considered that the two species were synonyms but Manning & Chace (1990: 45) have re-established the distinction between the two and attributed all records from the Atlantic to *C. galloides*.

Calappa nitida Holthuis, 1958

Distribution: Lesser Antilles, ICA (?Guadeloupe, off Grenada), IOV (Testigos, Margarita). 1-1 246 m (Góes & Fernandes-Góes 2007). WA (continental?).

Literature: *Calappa nitida* - Bullis & Thompson 1965 : 10, between Grenada, Testigos [R/V *Oregon*, st. 2772]. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Taissoun 1984-1985: 145, Margarita (Los Frailes).

Remark: According to Góes & Fernandes-Góes (2007) and Coelho *et al.* (2008) this species is widely distributed from 'Antilles'/West Indies, Venezuela to Brazil, collected from shallow to 1 246 m! The record from Guadeloupe is suspect (reference not seen and no specimen examined). It could be another species of the '*Calappa flammea* group' (see Holthuis 1958), such as *Calappa ocellata* Holthuis, 1958.

Calappa ocellata Holthuis, 1958

Distribution: VGI (St Thomas, St Croix, St John), ICA (St Martin, St Barthélemy, Saba, St Eustatius, Guadeloupe, Dominica, Martinique), IOV (Margarita, Tortuga, Bonaire, Curaçao, Aruba). 5-80 m. WA.

Literature: *Calappa marmorata* - H. Milne Edwards 1837 (1834-1840): 104, '*Habite les Antilles*'. - Desbonne, in Desbonne & Schramm 1867: 51, Guadeloupe. - Doflein 1899: 182, Martinique - All probably *Calappa ocellata*, see Remark.

Calappa flammea - Faxon 1896: 144, Saba Bank. - Rathbun 1920a: 15, St Martin, Bonaire, Curaçao, Aruba. - Rathbun 1933: 103, in part, St Thomas. - Rathbun 1936: 388, Bonaire. - Rathbun 1937: 198, in part, St Thomas, St Croix, St John, St Martin, Saba, Dominica, Bonaire, Curaçao, Aruba. - Monod 1939: 561, Guadeloupe (La Désirade). - Lira 2004: tab. 1, Tortuga. - Questel 2014: 10, St Barthélemy. - All these records probably not *C. flammea* (Herbst, 1794) but *C. ocellata* instead (cf. synonymy and places in Holthuis 1958) common in the Caribbean while *C. flammea* is still not reported there with certainty.

Calappa ocellata Holthuis, 1958: 147, tab. 14, St Croix, St Martin, St Eustatius, Guadeloupe, Margarita, Bonaire, Curaçao, Aruba. - Carré 2005: 23, Martinique (also *Calappa* sp., *Calappa flammea/ocellata*). - Questel 2014: 11, St Barthélemy.

Fieldworks: *Calappa ocellata* - Saint-Martin, RNN Inventory, 15/04/2012, UF31918, photo Dstm_5358; 20/04/2012, UF32352, photo Dstm_6481, UF32366, photo Dstm_6661 - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, 1 female 34.7x49.8 mm, MNHN-IU-2013-6723, st. GM 37, 2 m; ?1 juvenile, MNHN-IU-2013-4450, st. GD19, 8 m; 1 female 41.2x58.2 mm, MNHN-IU-2013-6698, st. GR38, 5 m. - Martinique 2014, photo in situ Y. Buske, det. J. Poupin from photo.

Remark: In Ng *et al.* (2008: 49) *Calappa marmorata* is *incertae sedis*. According to places of collection and description in Desbonne (1867: 51) '*Quatre fortes dents angulaires sur les prolongements latéraux et deux dents larges et obtuses sur le bord postérieur de ces prolongements*' records of *C. marmorata* in Guadeloupe and Martinique are most probably *C. ocellata*.

Calappa sulcata Rathbun, 1898

Distribution: ICA (off Grenada), IOV (Testigos, Margarita). 2-200 m. WA (continental?).

Literature: *Calappa sulcata* Holthuis, 1958: 147, tab. 14, Margarita. - Bullis & Thompson 1965 : 10, between Grenada, Testigos [R/V *Oregon*, st. 2772]. - Rodríguez 1980: 262, Margarita. - Taissoun 1984-1985: 154, Margarita (Los Frailes).

Calappula tortugae (Rathbun, 1933)

Distribution: ICA (Anguilla), IOV (Margarita, Aruba). 13-238 m. WA.

Literature: *Calappa tortugae* - Williams & Child 1989: 106, Anguilla (Sombrero)], Aruba (Islas Los Monjes). - Ewers-Saucedo *et al.* 2016: tab. S1, Margarita.

Remark: new genus *Calappula* is from Galil (1997). The geminate species in EP is *Calappula saussurei* (Rathbun, 1898).

Cryptosoma balguerii (Desbonne, in Desbonne & Schramm, 1867)

Distribution: VGI (St Thomas, St John), Lesser Antilles, ICA (St Martin, Antigua, Guadeloupe, Martinique, Barbados), IOV (Curaçao). 3-230 m. WA.

Literature: *Mursia balguerii* Desbonne, in Desbonne & Schramm, 1867: 52, Guadeloupe.

Cycloes bairdii - Rathbun 1921: 67, Barbados. - Rathbun 1938: 225, part Atlantic records only, St Thomas, Antigua, Barbados - Not *Cryptosoma bairdii* (Stimpson, 1860), an EP species. Most of the WA records of *C. bairdii* are *C. balguerii* instead (cf. Galil & Clark 1996).

Cryptosoma balguerii - Galil & Clark 1996: 184, Curaçao. - Ewers-Saucedo *et al.* 2016, tab. S1, St John.

Fieldworks: *Cryptosoma balguerii* - Saint-Martin, RNN Inventory 25/04/2012, UF32517, photo Dstm_7386; UF32494, photo Dstm_7436. - Guadeloupe, KARUBENTHOS 2012 (1-160 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4521, MNHN-IU-2013-5270, st. GD02, 80 m; MNHN-IU-2013-4465, MNHN-IU-2013-5062, MNHN-IU-2013-5904, 5905, st. GD09, 40 m; MNHN-IU-2013-4455, st. GD12, 45 m; MNHN-IU-2013-4457, st. GD15, 50 m; MNHN-IU-2013-4452, st. GD26, 60 m; MNHN-IU-2013-4418, st. GD29, 4 m; MNHN-IU-2013-4508, st. GD31, 85 m; MNHN-IU-2013-4913, st. GD34, 80 m; MNHN-IU-2013-4514, MNHN-IU-2013-4435, st. GD35, 66 m; MNHN-IU-2013-4522, st. GD36, 65 m; MNHN-IU-2013-4448, st. GD55, 85 m; MNHN-IU-2013-4466, st. GD66, 33 m; MNHN-IU-2013-4453, st. GD69, 60 m; MNHN-IU-2013-4436, st. GM 09, 1 m; MNHN-IU-2013-4520, st. GN05, 160 m; MNHN-IU-2013-4517, st. GN14, 150 m; MNHN-IU-2013-4513, st. GS10, 23 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Cyclozodion angustum (A. Milne-Edwards, 1880)

Distribution: VGI (St Thomas, St Croix, Virgin Gorda), Lesser Antilles, ICA (Anguilla, Guadeloupe, Barbados, Grenada), IOV (Margarita). 94-421 m. WA.

Literature: *Calappa angusta* A. Milne Edwards 1880:18a, St Croix, Anguilla (Sombrero), Barbados, Grenada. - A. Milne-Edwards & Bouvier 1902: 123, St Croix, Anguilla (Sombrero), Barbados, Grenada. - Rathbun 1921: 66, Barbados. - Rathbun 1933: 103, Barbados, Grenada. - Rathbun

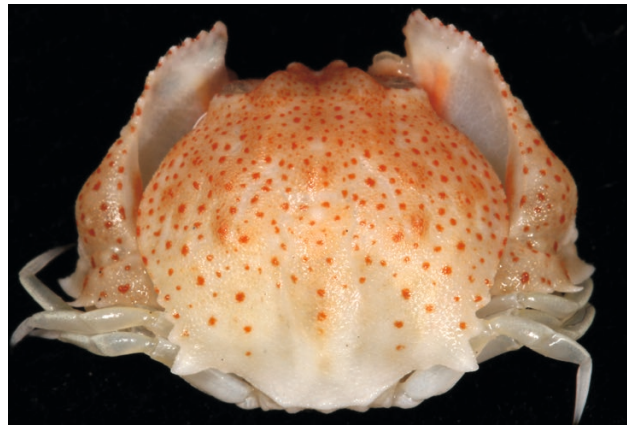


Figure 187: *Cyclozodion angustum*. Guadeloupe, KARUBENTHOS 2015, st. DW4586, 251-204 m, MNHN-IU-2013-19003. Photo Joseph Poupin.

1937: 210, St Thomas, St Croix, Barbados, Grenada. - Türkay 1968: 251, Margarita.

Cyclozodion angustum - Williams & Child 1989: 110, Virgin Gorda, Anguilla, Barbados. - Poupin & Corbari 2016: 67, Guadeloupe.

Cyclozodion tuberatum Williams & Child, 1989

Distribution: ICA (Guadeloupe). 31-640 m. WA.

Literature: *Cyclozodion tuberatum* - Poupin & Corbari 2016: 69, Guadeloupe.

Remark: Juveniles of this species can be confused with *C. angustum* (see Poupin & Corbari 2016).

Superfamily Trichopeltarioidea Tavares & Cleva, 2010

Family Trichopeltariidae Tavares & Cleva, 2010

Trichopeltarion dextrum (Rathbun, 1898)

Distribution: ICA (St Vincent). 203-422 m. Only/Antilles (and off Yucatan).

Literature: *Peltarion dextrum* - Soto 1979: 165, St Vincent.

Trichopeltarion dextrum - Tavares & Cleva 2010: 132, Lesser Antilles [in distribution, from Soto 1979].

Trichopeltarion nobile A. Milne-Edwards, 1880

Distribution: ICA (St Lucia, Guadeloupe). 274-786 m. WA.

Literature: *Trichopeltarion nobile* A. Milne-Edwards, 1880: 20, St Lucia. - Rathbun 1930: 168, St Lucia. - Poupin 1994: 46, Guadeloupe. - Gervain *et al.* 2002: 26, Guadeloupe. - Tavares & Cleva 2010: 145, Guadeloupe, St Lucia. - Poupin & Corbari 2016: 69, Guadeloupe.

Superfamily Carpilioidea Ortmann, 1893

Family Carpiliidae Ortmann, 1893

Carpilius corallinus (Herbst, 1783)

Distribution: VGI (St Thomas, St Croix, Tortola), ICA (St Martin, St Barthélemy, Guadeloupe, Isla de Aves, Dominica, Martinique, Barbados, Tobago, Trinidad), IOV (Blanquilla, Tortuga, Bonaire, Curaçao). 2-46 m. WA.

Literature: *Carpilius corallinus* - H. Milne Edwards 1834-1840: 381, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 26, Guadeloupe. - A. Milne-Edwards 1873-1881: 239, Guadeloupe. - Pocock 1889: 6, Dominica. - Rathbun 1920a: 18, St Martin, Bonaire, Curaçao. - Rathbun 1924: 14, Curaçao. - Holthuis 1959: 76, St Martin. - Rathbun 1930: 240, St Thomas, St Martin, Guadeloupe, Dominica, Bonaire, Curaçao. - Rathbun 1933: 53, St Thomas. - Rathbun 1936: 383, Bonaire. - Collins & Morris 1976: 126, Barbados [Fossil remains]. - Scelzo & Varela 1988: 36, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Wetzler *et al.* 2003: tab. 1, Tortola (Guana). - Lira 2004: tab. 1, Tortuga. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 11, St Barthélemy. - OGATT 2018: webpage, Tobago, Trinidad. - Luque *et al.* 2017: 55, Barbados [Fossil remains].

Fieldworks: *Carpilius corallinus* - St Croix, NMNH Invertebrate collections 2017, NMNH 265091, 265092, coll. M. L. Reaka, 1983. - Guadeloupe, KARUBENTHOS 2012, Besse 2013, det. J. Poupin, 1 sp., MNHN-IU-2013-6812, st. GM06, 1 m, photo; 1 sp., MNHN-IU-2013-6880, st. GM14, 1 m, photo; 1 sp., MNHN-IU-2013-6813, st. GM34, 1 m, photo; also Pointe à Pitre market, photo A. Waren. - Martinique 2012/2015, photos in situ and det. Y. Buske.



Figure 188: *Trichopeltarion nobile*. Guadeloupe, 1993, R/V Polka, trap at 500 m. Photo Joseph Poupin.



Figure 189: *Carpilius corallinus* - Guadeloupe, KARUBENTHOS 2012, Pointe-à-Pitre market. Photo Anders Waren.

Superfamily Dorippoidea MacLeay, 1838

Family Ethusidae Guinot, 1977

Ethusa americana A. Milne-Edwards, 1880

Distribution: VGI (St Thomas), IOV (Los Roques). 3-95 m. WA.

Literature: *Ethusa mascarone americana* - Rathbun 1933: 105, St Thomas. - Rathbun 1937: 78, St Thomas. - Chace 1956: 154, Los Roques. - Rodríguez 1980: 252, Los Roques.

Remark: *Ethusa mascarone* (Herbst, 1785) is restricted to the EA-MED (see Udekem d'Acoz 1999: 203) and *E. americana* is from WA (Felder *et al.* 2009).

Ethusa ?microphthalma Smith, 1881

Distribution: ICA (?Guadeloupe). 20-752 m. WA.

Literature: *Ethusa ?microphthalma* - Poupin & Corbari 2016: 69, Guadeloupe [Det. from photos to be checked with specimens in MNHN-IU-2013-18889, 18833].

Ethusa truncata A. Milne-Edwards & Bouvier, 1899

Distribution: ICA (Trinidad). 133-218 m. WA (continental).

Literature: *Ethusa truncata* - Rathbun 1937: 85, Trinidad. - Rodríguez 1980: 252, Trinidad.

Ethusina abyssicola Smith, 1884

Distribution: ICA (off Isla de Aves), IOV (off Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 860-4 026 m. ATL.

Literature: *Ethusina abyssicola* - Gore 1983a: tab. 1, Venezuela Basin, off Isla de Aves, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba.

Superfamily Eriphioidea MacLeay, 1838

Family Eriphiidae MacLeay, 1838

Eriphia gonagra (Fabricius, 1781)

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Martin, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados, Trinidad), IOV (Margarita, Cubagua, Tortuga, Bonaire, Curaçao, Aruba). 0-3 m. WA.

Literature: *Eriphia gonagra* - Desbonne, in Desbonne & Schramm 1867: 26, Guadeloupe. - A. Milne-Edwards 1873-1881: 338,



Figure 190: *Eriphia gonagra*. Guadeloupe, KARUBENTHOS 2012, MNHN-IU-2013-14498, st. GM22, 1 m, 1 ♀ ov. 11.5x16.0 mm. Photo Joseph Poupin/Laure Corbari.

'Antilles'. - Rathbun 1920a: 23, Aruba. - Rathbun 1921: 75, Antigua, Barbados. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 545, St John, St Croix, Guadeloupe, Antigua, Barbados, Trinidad, Aruba. - Rathbun 1933: 75, St Thomas, St John, St Croix. - Rathbun 1936: 386, Bonaire, Klein Bonaire, Aruba. - Holthuis 1959: 76, St Martin. - Rodríguez 1980: 370, Trinidad, Margarita, Tortuga, Aruba. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Koh & Ng 2008: 330, St Thomas.

Fieldwork: *Eriphia gonagra* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 male juvenile 4.8x6.4 mm, MNHN-IU-2013-16273, st. GM08, 1 m; 3 males, 2 ov. females, MNHN-IU-2013-14498, st. GM22, 1 m, 1 ov. female 11.5x16 mm, 1 male 8.4x12.6 mm.

Family Menippidae Ortmann, 1893

Menippe nodifrons Stimpson, 1859

Distribution: VGI (St Thomas), ICA (Trinidad), IOV (Margarita, Cubagua). 0-3 m. ATL.

Literature: *Menippe nodifrons* - Rathbun 1930: 479, St Thomas, Trinidad. - Rathbun 1933: 69, St Thomas. - Rodríguez 1980: 366, Margarita. - Hernández *et al.* 1999: tab. 2, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Family Oziidae Dana, 1851

Ozius reticulatus (Desbonne, in Desbonne & Schramm, 1867)

Distribution: VGI (St John, St Croix), ICA (St Martin, Guadeloupe, Isla de Aves, Martinique, Barbados), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Bonaire, Curaçao). 0-3 m. WA.

Literature: *Lagostoma reticulata* Desbonne, in Desbonne & Schramm, 1867: 34, Guadeloupe. - Carré 2005: 23, Martinique.

Ozius reticulatus - A. Milne-Edwards 1873-1881: 278, Guadeloupe, Martinique. - Rathbun 1920a: 23, Curaçao. - Rathbun 1921: 72, Barbados. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 542, St John, St Croix, Guadeloupe, Curaçao. - Rathbun 1933: 74, St John, St Croix, Guadeloupe. - Rathbun 1936: 386, Bonaire. - Rodríguez 1980: 369, Margarita, Curaçao. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Ozius reticulatus* - Saint-Martin, RNN Inventory 13/4/2012, UF32023, photo Dstm_4981. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013; st. GM02, 1 m, 1 male, MNHN-IU-2013-16291, 2 spp. MNHN-IU-2014-10120; st. GM09, 1 m, 1 female 8.3x12.8 mm, MNHN-IU-2013-16292; st. GM18, 1 m, 1 sp., MNHN-IU-2014-10121; st. GM33, 6 m, 1 juv. 3.1x4.7 mm, MNHN-IU-2013-16293; st. GM34, 1 m, 1 sp., MNHN-IU-2014-10123; st. GM37, 1 male 13.1x20.8 mm, MNHN-IU-2014-10119, 1 sp. MNHN-IU-2014-10122.

Superfamily Goneplacoidea MacLeay, 1838

Family Chasmocarcinidae Serène, 1964

Chasmocarcinus cylindricus Rathbun, 1901

Distribution: ICA (Guadeloupe, Barbados, Trinidad). 9-1967 m. WA.

Literature: *Chasmocarcinus cylindricus* - Ng & Castro 2016: 19, Guadeloupe, Barbados, Trinidad [Guadeloupe, from KARUBENTHOS 2012: 2 males, MNHN-IU-2013-9002, 3 males, 4 females, MNHN-IU-2013-9003 (photographed), Anse à la Barque, st. GD12, 16° 05.52' N, 61° 46.59' W, 45 m, 09.05.2012; 1 male, 1 female, MNHN-IU-2013-9001 (photographed), Anse à la Barque, st. GD15, 16° 05.39' N, 61° 41.48' W, 50 m, 10.05.2012; 1 male, MNHN-IU-2013-9000, Îlot Cochon, st. GD46, 16° 13.02' N, 61° 32.89' W, 10 m, 20.05.2012; 15 males, 19 females, MNHN-IU-2013-13077; 1 female, MNHN-IU-2013-8998, st. GD47, 16° 12.95' N, 61° 33.03' W, 13 m, 20.05.2012; 10 juveniles, MNHN-IU-2013-8999, st. GD48, 16° 11.21' N, 61° 32.51' W, 27 m, 20.05.2012; 79 males, 93 females, 1 juvenile, MNHN-IU-2013-13078; 7 males, 9 females, MNHN-IU-2013-13076, st. GD56, 16° 18.73' N, 61° 32.29' W, 18 m, 20.05.2012].

Fieldwork: *Chasmocarcinus cylindricus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 female 3.7x4.8 mm, st. GN18, 40 m, MNHN-IU-2013-16278 - See Remark.

Remark: This species can be confused with *Chasmocarcinus chacei* Felder & Rabalais, 1986. *Chasmocarcinus cylindricus* has been described from Puerto Rico (7-172 fathoms, 13-315 m) and it is also known from Jamaica. The specimen examined by J. Poupin in 2013 has a 'well-defined raised ridge on the anterolateral margin' while this ridge is lacking in *C. chacei* (cf. Felder & Rabalais 1986). Much more specimens of this species, also collected during KARUBENTHOS 2012 (not seen by J. Poupin in 2013) were examined by Ng & Castro (2016) who have confirmed *C. cylindricus*.

Chasmocarcinus typicus Rathbun, 1898

Distribution: ICA (Anguilla, Trinidad). 9-380 m. WA

Literature: *Chasmocarcinus typicus* Rathbun, 1898: 286, Trinidad. - Rathbun 1918: 56, Trinidad. - A. Milne-Edwards & Bouvier 1923: 343, Trinidad. - Ng & Castro 2016: 14, Anguilla, Trinidad.

Chasmocarcinus chacei Felder & Rabalais, 1986: 549, Anguilla [1 exuviae, NMNH 228470, 296 m, questionable record] - Not *Chasmocarcinus chacei* fide Ng & Castro (2016: 18, 'this record actually represents *C. typicus*')

Deltopelta obliqua (Rathbun, 1898)

Distribution: VGI (US Virgin Is.). 177-855 m. WA.

Literature: *Deltopelta obliqua* - Ng & Castro 2016: 31, US Virgin Is. - *Chasmocarcinus obliquus* Rathbun, 1898 accepted as *D. obliqua* n. comb. in Ng & Castro (2016).

Family Euryplacidae Stimpson, 1871

Euryplax nitida Stimpson, 1859

Distribution: ICA (St Thomas, Trinidad), IOV (Margarita, Cubagua, Curaçao, Aruba). 4-90 m. WA.

Literature: *Euryplax nitida* - Rathbun 1918: 34, St Thomas. - Rathbun 1920a: 23, Curaçao, Aruba. - Rathbun 1933: 78, St Thomas. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Castro & Ng 2010: 47, Trinidad, Margarita, Cubagua, Curaçao.

Frevillea barbata A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe, Barbados, Grenada). ?subtidal/55-300 m. WA.

Literature: *Goneplax barbata* - Rathbun 1918: 26, Grenada. - Rathbun 1921: 75, Barbados.

Frevillea barbata - Poupin 1994: 48, Guadeloupe. - Poupin & Corbari 2016: 70, Guadeloupe.

Remark: See comment in Poupin & Corbari (2016) for potential synonymy between *Frevillea barbata*, *F. hirsuta* (Borradaile, 1916) and *F. rosaea* A. Milne-Edwards, 1880.

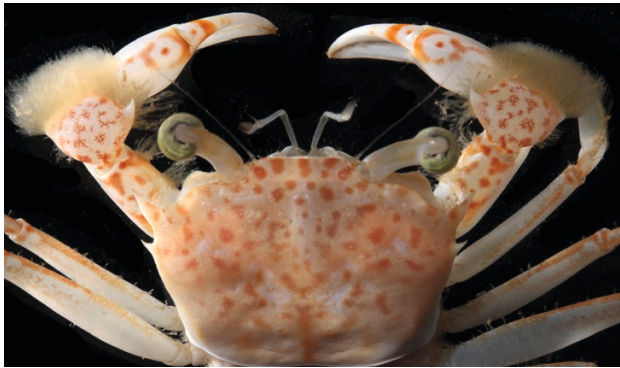


Figure 191: *Frevillea barbata*. Guadeloupe, KARUBENTHOS 2015, st. CP4624, 242-243 m, MNHN-IU-2013-19111. Photo Joseph Poupin.

Frevillea hirsuta (Borradaile, 1916)

Distribution: ICA (?Guadeloupe). 73-476 m. WA.

Literature: *Frevillea barbata* - Poupin 1994, 48, Guadeloupe - ?Not *Frevillea barbata* A. Milne-Edwards, 1880 but *Frevillea hirsuta* (Borradaile, 1916) in Castro & Ng (2010: 53); see Remark.

Frevillea hirsuta - Castro & Ng 2010: 53, Guadeloupe [Include specimen in Poupin 1994].

Remark: In Castro & Ng (2010) it is not clear why the record of *F. barbata* from Guadeloupe in Poupin (1994) is corrected into *F. hirsuta*. These authors also indicate that no confident diagnostic characters are currently available to separate *F. barbata*, *F. hirsuta* and *F. rosaea* (see also Poupin & Corbari 2016: 70).

Frevillea rosaea A. Milne-Edwards, 1880

Distribution: ICA (St Vincent). 159-476 m. WA.

Literature: *Frevillea rosaea* A. Milne-Edwards, 1880: 15, St Vincent. - A. Milne-Edwards & Bouvier 1923: 337, St Vincent. - Castro & Ng 2010: 56, St Vincent.

Goneplax rosaea - Rathbun 1918: 27, St Vincent.

Remark: Perhaps a synonym of *Frevillea barbata* and/or *F. hirsuta* (see Castro & Ng 2010; Poupin & Corbari 2016).

Nancyplax vossi Lemaitre, García-Gómez, von Sternberg & N. H. Campos, 2001

Distribution: ICA (Trinidad), IOV (Bonaire). 55-155 m. WA (continental).

Literature: *Nancyplax vossi* Lemaitre, García-Gómez, von Sternberg & N. H. Campos, 2001a: 954, Trinidad, Bonaire (off south coast).

Trizocarcinus tacitus Chace, 1940

Distribution: ICA (Guadeloupe, St Vincent, Barbados). 183-885 m. WA.

Literature: *Trizocarcinus tacitus* Chace, 1940: 41, Barbados. - Guinot 1969b: 516, Barbados. - Poupin 1994: 49, Guadeloupe. - Gervain *et al.* 2002: 28, Guadeloupe. - Castro & Ng 2010: 110, Guadeloupe, St Vincent.



Figure 192: *Trizocarcinus tacitus*. Guadeloupe, R/V Polka, 1993, trap at 405 m, 1 ♀ 20.6 mm x 29.4 mm (MNHN-B30602). Photo Joseph Poupin.

Family Goneplacidae MacLeay, 1838

Bathyplax typhla A. Milne-Edwards, 1880

Distribution: VGI (St Croix), ICA (Guadeloupe, St Lucia). 220-1 106 m. WA.

Literature: *Bathyplax typhlus* A. Milne-Edwards, 1880: 16, St Croix, St Lucia. - A. Milne-Edwards & Bouvier 1923: 333, St Croix, St Lucia. - Tavares 1996b: 416, Guadeloupe.

Bathyplax typhla - Rathbun 1918: 20, St Croix, St Lucia. - Rathbun 1933: 77, St Croix. - Chace 1940: 43, St Croix, St Lucia. - Poupin 1994: 47, Guadeloupe. - Poupin & Corbari 2016: 70, Guadeloupe.

Goneplax sigsbei (A. Milne-Edwards, 1880)

Distribution: ICA (Barbados, Grenada). 168-300 m. WA.

Literature: *Frevillea sigsbei* A. Milne-Edwards, 1880: 16, Grenada. - A. Milne-Edwards & Bouvier 1923: 337, Grenada.

Goneplax sigsbei - Rathbun 1918: 27, Grenada. - Guinot 1969b: 521, Barbados.

Family Mathildellidae Karasawa & Kato, 2003

Neopilumnoplax americana (Rathbun, 1898)

Distribution: ICA (Guadeloupe). 128-805 m. WA.

Literature: *Pilumnoplax americana* - Chace 1940: 43, Guadeloupe.



Figure 193: *Neopilumnoplax gervaini*. Guadeloupe, R/V Polka, 1993, trap at 250 m. Photo Joseph Poupin.

Remark: Tavares & Guinot (1996) when describing *Neopilumnoplax gervaini* from Guadeloupe, a species closely affiliated to *Neopilumnoplax americana*, have not examined the male of *N. americana* from R/V Blake, Guadeloupe in Chace (1940) and do not mention Chace (1940) in their references. Therefore, it is possible that Chace's '*N. americana*' from Guadeloupe is conspecific with *N. gervaini*, but that must be confirmed by comparison of the specimens.

Neopilumnoplax gervaini Tavares & Guinot, 1996

Distribution: ICA (Guadeloupe, Martinique). 148-500 m. Only/ICA.

Literature: *Neopilumnoplax* sp. - Paulmier 1993: 28, Martinique. *Neopilumnoplax* aff. *americanus* - Poupin 1994: 48, Guadeloupe. *Neopilumnoplax gervaini* Tavares & Guinot, 1996: 226, Guadeloupe, Martinique [same as Paulmier (1993); Poupin (1994)].

Family Progeryonidae Števcíř, 2005

Paragalene danieleae Tavares & Melo, 2010

Distribution: ICA (Guadeloupe). 250 m. Only/ICA.

Literature: *Paragalene danieleae* Tavares & Melo, 2010: 336, Guadeloupe.

Superfamily Leucosioidea Samouelle, 1819

Family Leucosiidae Samouelle, 1819

Acanthilia intermedia (Miers, 1886)

Distribution: VGI (St Thomas), ICA (St Eustatius, Guadeloupe, Martinique), IOV (Margarita). 10-329 m. WA.

Literature: *Iliacantha intermedia* - Rathbun 1937: 186, St Thomas. - Rodríguez 1980: 259, St Thomas. - Taissoun 1986-1988: 126, Margarita. - Carré 2005: 23, Martinique.

Acanthilia sp. - Faasse 2016: 52, St Eustatius [Arbitrarily listed herein under *A. intermedia*].

Fieldworks: *Acanthilia intermedia* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, 1 sp., MNHN-IU-2013-4601,

st. GD16, 10 m, photo. - Martinique, photo in situ Y. Buske, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Callidactylus asper Stimpson, 1871

Distribution: ICA (Anguilla, Guadeloupe). 25-91 m updated herein to 10-95 m (KARUBENTHOS 2012, st. GD16, GD58). WA.

Literature: *Callidactylus asper* A. Milne-Edwards, 1880: 22, Anguilla (Sombbrero). - A. Milne-Edwards & Bouvier 1902: 113, Anguilla (Sombbrero).

Fieldwork: *Callidactylus asper* - Guadeloupe, KARUBENTHOS 2012 (10-95 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4795, st. GD01, 80 m; MNHN-IU-2013-4571, 4600, 5271, st. GD02, 80 m; MNHN-IU-2013-4752, st. GD05, 80 m; MNHN-IU-2013-4742, st. GD09, 40 m; MNHN-IU-2013-4604, st. GD16, 10 m; MNHN-IU-2013-4597, st. GD34, 80 m; MNHN-IU-2013-4619, 4735, st. GD35, 66 m; MNHN-IU-2013-5210, st. GD37, 60 m; MNHN-IU-2013-4745, st. GD50, 22 m; MNHN-IU-2013-4715, st. GD55, 85 m; MNHN-IU-2013-4750, 4712, st. GD58, 95 m; MNHN-IU-2013-4724, st. GD59, 88 m; MNHN-IU-2013-4755, st. GD69, 60 m.

Ebalia cariosa (Stimpson, 1860)

Distribution: ICA (St Martin). 1-131 m. WA.

Fieldwork: *Ebalia cariosa* - Saint-Martin, RNN Inventory 17/04/2012, UF32225, photo Dstm_5882.

Ebalia stimpsoni A. Milne-Edwards, 1880

Distribution: ICA (Anguilla, St Martin, Guadeloupe, Martinique, Barbados). 4-160 m. WA.

Literature: *Ebalia stimpsoni* A. Milne-Edwards, 1880: 22, Barbados. - A. Milne-Edwards & Bouvier 1902: 118, Anguilla (Sombbrero). - Rathbun 1921: 67, Barbados. - Rathbun 1933: 100, Barbados. - Rathbun 1937: 124, Barbados. - Carré 2005: 23, Martinique.

Fieldworks: *Ebalia stimpsonii* - Saint-Martin, RNN Inventory 19/04/2012, UF32341, photo Dstm_6312; 20/4/2012, UF32364, photo Dstm_6643. - Guadeloupe, KARUBENTHOS 2012 (4-85 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4947, st. GB06, 23 m; MNHN-IU-2013-4732, st. GB07, 6 m; MNHN-IU-2013-4728, st. GB13, 10 m; MNHN-IU-2013-4663, st. GB22, 12 m; MNHN-IU-2013-4756, st. GD10, 54 m; MNHN-IU-2013-4730, st. GD12, 45 m; MNHN-IU-2013-4723, st. GD15, 50 m; MNHN-IU-2013-4726, st. GD21, 40 m; MNHN-IU-2013-4608, st. GD23, 80 m; MNHN-IU-2013-4945, st. GD29, 4 m; MNHN-IU-2013-4665, 4721, st. GD31, 85 m; MNHN-IU-2013-4553, st. GD50, 22 m; MNHN-IU-2013-4551, st. GD51, 15 m; MNHN-IU-2013-4603, st. GR20, 8 m; MNHN-IU-2013-4719, st. GS08, 23 m; MNHN-IU-2013-4738, st. GS10, 23 m; MNHN-IU-2013-4796, st. GS12, 6 m; MNHN-IU-2013-4749, st. GS22, 45 m; MNHN-IU-2013-4741, st. GS24, 16 m; MNHN-IU-2013-4718, st. GS26, 16 m.

Iliacantha liodactylus Rathbun, 1898

Distribution: VGI (St John), ICA (Guadeloupe, Trinidad), IOV (Margarita). 9-130 m updated herein to 3-160 m (KARUBENTHOS 2012, st. GD49, GD25). WA.

Literature: *Iliacantha liodactylus* Rathbun, 1898: 291, St John, Trinidad. - Rathbun 1937: 186, St John, Trinidad. - Rodríguez 1980: 258, St John, Trinidad. - Taissoun 1986-1988: 123, Margarita.

Fieldwork: *Iliacantha liodactylus* - Guadeloupe, KARUBENTHOS 2012 (3-160 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4729, st. GD12, 45 m; MNHN-IU-2013-4549, st. GD25, 160 m; MNHN-IU-2013-4616, st. GD28, 110 m; MNHN-IU-2013-6734, 6750, st. GD27, 120 m; MNHN-IU-2013-4606, st. GD36, 65 m; MNHN-IU-2013-4554, st. GD49, 3 m; MNHN-IU-2013-4716, st. GD55, 85 m; det. J. Poupin, 1 male 9.5x8.5 mm, MNHN-IU-2013-6809, st. GD46, 10 m.

***Iliacantha sparsa* Stimpson, 1871**

Distribution: ICA (Guadeloupe, Barbados). 20-80 m, updated herein to 95 m (st. GD71, GD60). WA.

Literature: *Iliacantha sparsa* - Rathbun 1937: 190, Barbados.

Fieldwork: *Iliacantha sparsa* - Guadeloupe, KARUBENTHOS 2012 (3-95 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4751, st. GD05, 80 m; MNHN-IU-2013-4722, st. GD15, 50 m; MNHN-IU-2013-4747, st. GD20, 35 m; MNHN-IU-2013-4714, st. GD23, 80 m; MNHN-IU-2013-4720, 5066, st. GD31, 85 m; MNHN-IU-2013-4598, 4912, st. GD34, 80 m; MNHN-IU-2013-4620, 5067, st. GD35, 66 m; MNHN-IU-2013-5208, st. GD37, 60 m; MNHN-IU-2013-4717, st. GD55, 85 m; MNHN-IU-2013-4713, st. GD58, 95 m; MNHN-IU-2013-4725, st. GD59, 88 m; MNHN-IU-2013-4562, st. GD60, 95 m; MNHN-IU-2013-4949, st. GD71, 3 m; MNHN-IU-2013-4746, st. GN15, 35 m.

***Iliacantha subglobosa* Stimpson, 1871**

Distribution: ICA (Montserrat, Guadeloupe, Dominica, Barbados). 16-915 m. WA.

Literature: *Iliacantha subglobosa* - A. Milne-Edwards 1880: 21, Montserrat, Dominica, Barbados. - A. Milne-Edwards & Bouvier 1902: 113, Montserrat, Barbados. - Rathbun 1921: 67, Barbados. - Rathbun 1937: 185, Montserrat, Dominica, Barbados. - Poupin & Corbari 2016: 70, Guadeloupe.

***Lithadia cadaverosa* Stimpson, 1871**

Distribution: ICA (?St Martin, Guadeloupe, Martinique). 46-62 m, updated herein to 3-130 m (KARUBENTHOS 2012, st. GD33). WA.

Fieldworks: *Lithadia ?cadaverosa* - Saint-Martin, RNN Inventory 2012, UF32090, photo Dstm_5196, 14/04/2012; photographs



Figure 194: *Iliacantha liodactylus*. Guadeloupe, KARUBENTHOS 2012, st. GD46, 10 m, 1 ♂ 9.5 x 8.5 mm. Photo Joseph Poupin.

determined (? A. Anker/G. Paulay) as *Lithadia cumingii*, an EP species, corrected herein into *L. ?cadaverosa*: UF31940, photo Dstm_1403, photo Dstm_2337, 11-12/04/2012; UF32337, photo Dstm_6290, 19/04/2012; UF32362, photo Dstm_6631, 20/04/2012.

***Lithadia cadaverosa* - Guadeloupe, KARUBENTHOS 2012 (3-130 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4737, st. GB10, 8 m; MNHN-IU-2013-4731, st. GD27, 120 m; MNHN-IU-2013-4564, st. GD33, 130 m; MNHN-IU-2013-4736, st. GD42, 3 m; MNHN-IU-2013-4574, st. GD43, 4 m; MNHN-IU-2013-4757, st. GD55, 85 m; MNHN-IU-2013-4734, st. GS18, 49 m; MNHN-IU-2013-4566, st. GS28, 5 m; MNHN-IU-2013-4548, st. GS36, 50 m. - Martinique, photo in situ Y. Buske October 2015, det. J. Poupin February 2016.**

Remark: The dorsal aspect of the carapace is rather variable on specimens examined from St Martin and Guadeloupe. There is the possibility that some of them are instead *Lithadia granulosa* A. Milne-Edwards, 1880 described from St Croix.

***Lithadia granulosa* A. Milne-Edwards, 1880**

Distribution: VGI (St Croix). 20-210 m. WA.

Literature: *Lithadia granulosa* A. Milne-Edwards, 1880: 22, St Croix. - A. Milne-Edwards & Bouvier 1902: 116, St Croix. - Rathbun 1933: 101, St Croix. - Rathbun 1937: 140, St Croix.

Remark: According to A. Milne-Edwards & Bouvier (1902: 116) it is 'très voisine de la *L. cadaverosa*'. Additional specimens are needed to clarify its status and differences with *L. cadaverosa*. Felder *et al.* (2009: note 263) have a new record for the Gulf of Mexico.

***Myropsis quinquespinosa* Stimpson, 1871**

Distribution: ICA (Guadeloupe, Martinique, Grenada, Barbados), IOV (Curaçao). 84-1 048 m. WA.

Literature: *Myropsis constricta* A. Milne-Edwards, 1880: 21, Barbados. - A. Milne-Edwards & Bouvier 1902: 110, Barbados - Accepted as *Myropsis quinquespinosa* Stimpson, 1871 in WoRMS (2018).

Myropsis goliath A. Milne-Edwards, 1880: 21, Grenada (Carriacou) - Accepted as *Myropsis quinquespinosa* Stimpson, 1871 in WoRMS (2018).



Figure 195: *Myropsis quinquespinosa*. Guadeloupe, KARUBENTHOS 2015, st. CP4624, 242-243 m, MNHN-IU-2013-19113. Photo Joseph Poupin.

Myropsis quinquespinosa - A. Milne-Edwards 1880: 21, Martinique, Grenada. - A. Milne-Edwards & Bouvier 1902: 110, Martinique, Grenada. - Rathbun 1937: 164, Martinique, Barbados, Grenada (Carriacou). - Paulmier 1993: 24, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, Martinique. - Poupin 1994: 41 - Guadeloupe. - Gervain *et al.* 2002: 23, Guadeloupe. - Stepp 2014: 28, Curaçao [Fossil remains]. - Poupin & Corbari 2016: 71, Guadeloupe. - Luque *et al.* 2017: 59, Curaçao [Fossil remains].

Persephona crinita Rathbun, 1931

Distribution: ICA (Trinidad). 5-90 m. WA.

Literature: *Persephona crinita* - Rathbun 1933: 165, Trinidad.

Persephona lichtensteinii Leach, 1817

Distribution: ICA (Trinidad). 9-35 m. WA.

Literature: *Persephona finneganae* - Rathbun 1937: 161, Trinidad - *Persephona finneganae* Rathbun, 1931 accepted as *Persephona lichtensteinii* Leach, 1817 (cf. Magalhães *et al.* 2016).

Persephona mediterranea (Herbst, 1794)

Distribution: ICA (Guadeloupe), IOV (Margarita). 4-55 m. WA.

Literature: *Guaia punctata* - H. Milne Edwards 1837 (1834-1840): 127, 'Habite les Antilles' - In part not *Persephona punctata* (Linnaeus, 1758) but *Persephona mediterranea* in Magalhães *et al.* (2016).

Persephona mediterranea - Powers 1977: 39, Guadeloupe. - Human *et al.* 2013: 132, Lesser Antilles [see Remark]. - Magalhães *et al.* 2016: online, 'Antilles' [1 male OUMNH 13775, ?Lesser Antilles].

Persephona aquilonaris - Taissoun 1986-1988: 132, Margarita - Not *Persephona aquilonaris* Rathbun, 1933, corrected herein into *Persephona mediterranea* (Herbst, 1794) based on color pattern illustrated in Taissoun (1986-1988: 133) which matches very well color pattern of *P. mediterranea* as illustrated in Magalhães *et al.* (2016: fig. 6D-F). *Persephona aquilonaris* has a different color pattern (also illustrated in Magalhães *et al.* 2016: fig. 6A-C).

Remark: The color pattern of the specimen photographed in Human *et al.* (2013), probably from the Gulf of Mexico, seems to be that of *Persephona aquilonaris* Rathbun, 1933 rather than of *P. mediterranea* (based on color photographs in Magalhães *et al.* 2016: fig. 6). According to Magalhães *et al.* (2016): 'P. aquilonaris and P. mediterranea should be treated as separate species. In general, P. aquilonaris applies to most populations distributed from New Jersey to Texas, with P. mediterranea applying to primarily those populations known to be distributed from the Antilles and Caribbean through southern Brazil, albeit with a slight overlap of the 2 species in tropical waters of the eastern Gulf of Mexico.'

Persephona punctata (Linnaeus, 1758)

Distribution: ICA (Guadeloupe, Trinidad), IOV (Margarita, Tortuga). 7-73 m. WA.

Literature: *Guaia punctata* - H. Milne Edwards 1837 (1834-1840): 127, 'Habite les Antilles' - In part only in Magalhães *et al.* (2016). - Desbonne, in Desbonne & Schramm 1867: 53, Guadeloupe.

Persephona cf. punctata punctata - Collins & Morris 1976: 116, Trinidad [Fossil remains].

Persephona punctata - Taissoun 1986-1988: 130, Margarita, Tortuga. - Luque *et al.* 2017: 70, Trinidad [Fossil remains].

Remark: A color photograph of this species is in Magalhães *et al.* (2016: fig. 5c) with full synonymy and geographic distribution.

Randallia curacaoensis Rathbun, 1922

Distribution: IOV (Curaçao). depth range unknown, probably shallow water. Only/IOV.

Literature: *Randallia curacaoensis* Rathbun, 1922: 103, Curaçao. - Rathbun 1924: 13, Curaçao. - Rathbun 1937: 182, Curaçao. - Rodríguez 1980: 257, Curaçao.

Remark: It seems that this species has never been retrieved since its description, with the type (1 ov. female) being in Amsterdam Museum. Gailil (2003: table 1) places it in *Randallia* s.s. 'pending further revision'.

Speloeophorus elevatus Rathbun, 1898

Distribution: ICA (Guadeloupe). 2-83 m. WA.

Literature: *Ebalia mamillosa* Desbonne, in Desbonne & Schramm, 1867: 54, Guadeloupe - Accepted as ?*Speloeophorus elevatus* by Rathbun (1937).

Speloeophorus elevatus - Rathbun 1937: 145, Guadeloupe, from *Ebalia mamillosa* Desbonne with hesitation (?).

Speloeophorus inflatus Telford, 1980

Distribution: ICA (Barbados). Low intertidal. Only/ICA.

Literature: *Speloeophorus inflatus* Telford, 1980: 213, Barbados.

Speloeophorus microspeos Telford, 1980

Distribution: ICA (?Guadeloupe, Barbados). 7-15 m. ?Only/ICA.

Literature: *Speloeophorus microspeos* Telford, 1980: 14, Barbados.

Fieldwork: *Speloeophorus ? microspeos* - Guadeloupe, Karubenthos 2012, det. D.L. Felder May 2018, MNHN-IU-2013-4555, st. GR35 (15 m).

Remark: Guadeloupe specimen has a prominent posterior rectangular flange in the intestinal region, as in *S. microspeos*, while this part is bilobed in *S. pontifer* (see Telford 1980 for differences between the 2 species).

Speloeophorus nodosus (Bell, 1855)

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe). 3-30 m. WA.

Literature: *Speloeophorus nodosus* - Rathbun 1937: 146, St Thomas, Guadeloupe

Fieldworks: *Speloeophorus nodosus* - Saint-Martin, RNN Inventory 2012, det. ?A. Anker, 19/04/2012, UF32340, photo Dstm_6299; 20/4/2012, UF32370, photo Dstm_6706; 25/04/2012, UF32491, photo Dstm_7374; 04/2012, UF0, photo Dstm_7006. - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, MNHN-IU-2013-4568, st. GS25, 16 m.

Speloeophorus pontifer (Stimpson, 1871)

Distribution: ICA (Guadeloupe, Martinique, Barbados), IOV (Margarita, Cubagua). 1-229 m. WA.

Literature: *Ebalia fossa* Desbonne, in Desbonne & Schramm, 1867: 55, Guadeloupe - Accepted with hesitation as *Speloeophorus pontifer* (Stimpson, 1871) by Rathbun (1937), see Remark.

Lithadia pontifera (sic) Stimpson, 1871: 115, Barbados.

Speloeophorus pontifer - Rathbun 1933: 100, Barbados. - Rathbun 1937: 144, ?Guadeloupe, Barbados. - Bolaños *et al.* 2000: 27, Margarita (Los Frailes). - Carré 2005: 23, Martinique. - Lira *et al.* 2015: 156, Margarita, Cubagua.

Fieldwork: *Speloeophorus pontifer* - Guadeloupe, KARUBENTHOS 2012 (3-88 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4607, st. GD57, 6 m; MNHN-IU-2013-5080, st. GS32, 2 m; *Speloeophorus ?pontifer* (juveniles) det. J. Poupin, D. Felder, 1 sp. 4.4x5.5 mm, st. GD59, 88 m, MNHN-IU-2013-4793; 3 spp. juv., st. GS13, 50 m, MNHN-IU-2013-4754 (1 sp. st. GD42, 3 m, MNHN-IU-2013-4753 first attributed to this species is in fact *Lithadia cadaverosa*, det. D. Felder, May 2018).

Remark: Rathbun (1937) has tentatively listed *Ebalia fossa* Desbonne, 1867 under *Lithadia pontifera* Stimpson, 1871 with indication that the type of *E. fossa* is probably not extant.

Uhlias limbatus Stimpson, 1871

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, ?Martinique), IOV (Tortuga). 4-64 m. WA.

Literature: *Uhlias limbatus* Stimpson, 1871: 118, St Thomas. - Rathbun 1937: 150, St Thomas. - Lira *et al.* 2003, Tortuga. - Lira 2004: tab. 1, Tortuga.

Fieldworks: *Uhlias limbatus* - Saint-Martin, RNN Inventory 2012, 16/04/2012, UF32206, photo Dstm_5730; 18/04/2012, UF32232, photo Dstm_3296; 21/04/2012, UF32383, photo Dstm_6821; 22/04/2012, UF32388, photo Dstm_6876; 26/04/2012, UF32563, photo Dstm_4474. - Guadeloupe, KARUBENTHOS 2012 (2-25 m), det. E. Macpherson, Besse 2013, MNHN-IU-2013-4739, st. GB12, 14 m;



Figure 197: *Uhlias ?limbatus*. Martinique, 2012, det. J. Poupin from photo. Photo Yan Buske.

MNHN-IU-2013-4602, st. GB25, 25 m; MNHN-IU-2013-4552, st. GD50, 22 m; MNHN-IU-2013-4550, st. GD51, 15 m; MNHN-IU-2013-4733, 4758, st. GM 06, 1 m; MNHN-IU-2013-4599, st. GR03, 6 m; MNHN-IU-2013-4727, st. GS03, 6 m; MNHN-IU-2013-4605, st. GS33, 14 m; MNHN-IU-2013-4617, st. GS38, 2 m.

Uhlias ?limbatus - Martinique 2012, photo in situ Y. Buske, det. J. Poupin.

Superfamily Majoidea Samouelle, 1819

Family Epialtidae MacLeay, 1838

Acanthonyx petiverii H. Milne Edwards, 1834

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Martin, Guadeloupe, Martinique), IOV (Margarita, Los Roques, Cubagua, Bonaire, Curaçao). 1-29 m. WA-EP.

Literature: *Acanthonyx petiverii* H. Milne Edwards, 1834-1840: 343, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 4, Guadeloupe. - A. Milne-Edwards 1873-1881: 143, Guadeloupe, Martinique. - Rathbun 1920a: 27, Klein Bonaire, Curaçao. - Rathbun 1924: 19, Curaçao. - Rathbun 1925: 142, St Thomas, St John, St Croix, Bonaire, Curaçao. - Rathbun 1936: 380, Bonaire, Curaçao. - Monod 1939: 566, Guadeloupe. - Chace 1956: 159, Los Roques. - Rodríguez 1980: 278, Margarita. - Marcano & Bolaños 2001: 74, Cubagua. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Carmona-Suárez & Poupin 2016: 355, St Martin, Guadeloupe.

Apiomithrax violaceus (A. Milne-Edwards, 1868)

Distribution: IOV (Margarita). 1-180 m. ATL.

Literature: *Apiomithrax violaceus* - Lira *et al.* 2010: 419, Margarita.

Chorinus heros (Herbst, 1790)

Distribution: VGI (St Croix), ICA (Guadeloupe, Martinique, Barbados), IOV (Margarita, Cubagua). 1-50 m. WA.

Literature: *Chorinus heros* - H. Milne Edwards 1834-1840: 315, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 18, Guadeloupe. - A. Milne-Edwards 1873-1881: 86, Guadeloupe, Martinique, Barbados. - Rathbun 1925: 305, St Croix,

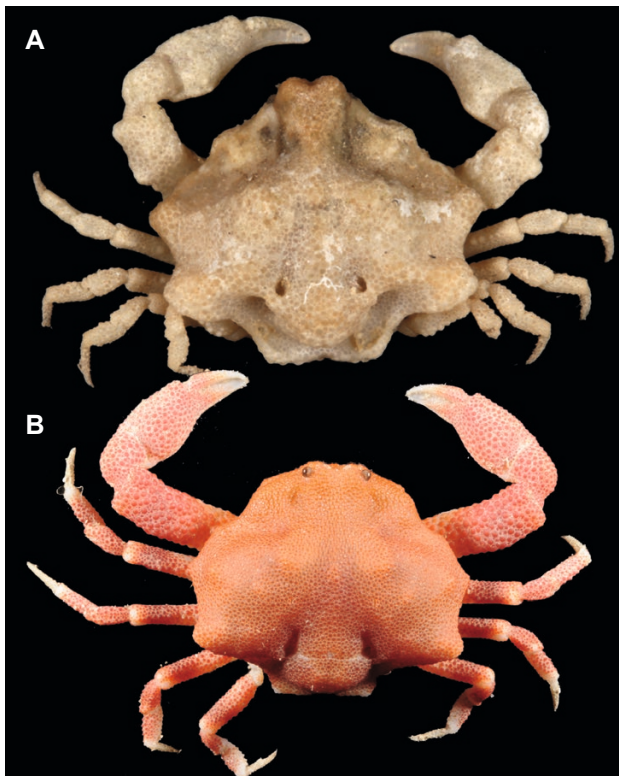


Figure 196: A: *Speloeophorus pontifer*. Guadeloupe, KARUBENTHOS 2012, MNHN-IU-2013-5080, st. GS32, 2 m. B: *Speloeophorus ?microspeos*. Guadeloupe, KARUBENTHOS 2012, MNHN-IU-2013-4555, st. GR35, 15 m, 1 ♀ 12.6x14.7 mm. Photos Joseph Poupin.

Barbados. - Rodríguez 1980: 283, Margarita. - Marcano & Bolaños 2001 : 73, Cubagua. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Carmona-Suárez & Poupin 2016: 356, Guadeloupe.

Epialtus bituberculatus H. Milne Edwards, 1834

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe), IOV (Margarita, Cubagua, Bonaire). 1-2 m. WA.

Literature: *Epialtus bituberculatus* - Desbonne, in Desbonne & Schramm 1867: 3, Guadeloupe. - A. Milne-Edwards 1873-1881: 139, Guadeloupe, St Thomas. - Rathbun 1936: 380, Bonaire. - Rodríguez 1980: 280, Margarita. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano & Bolaños 2001: 75, Cubagua. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Carmona-Suárez & Poupin 2016: 355, St Martin, Guadeloupe.

Epialtus brasiliensis Dana, 1852

Distribution: IOV (Cubagua). Depth range unknown, shallow water. WA (continental).

Literature: *Epialtus brasiliensis* - Marcano & Bolaños 2001: 75, Cubagua. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Epialtus dilatatus A. Milne-Edwards, 1878

Distribution: VGI (St Thomas), ICA (Guadeloupe), IOV (Bonaire, Curaçao). 2-22 m. WA.

Literature: *Epialtus dilatatus* A. Milne-Edwards, 1873-1881: 140, St Thomas. - Rathbun 1925: 153, St Thomas. - Rathbun 1936: 380, Bonaire. - Rodríguez 1980: 281, St Thomas, Bonaire, Curaçao. - Carmona-Suárez & Poupin 2016: 356, Guadeloupe.

Epialtus longirostris Stimpson, 1860

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe). 3-54 m. WA.

Literature: *Epialtus longirostris* Stimpson, 1860: 199, St Thomas. - A. Milne-Edwards 1873-1881: 141, St Thomas. - Rathbun 1925: 150, St Thomas. - Carmona-Suárez & Poupin 2016: 356, St Martin, Guadeloupe.

Epialtus portoricensis Rathbun, 1923

Distribution: ICA (?St Martin, Guadeloupe). ?1-27 m. Only/Antilles.

Literature: *Epialtus portoricensis* - Carmona-Suárez & Poupin 2016: 356, ?Saint-Martin, Guadeloupe.

Remark: This species is very close to *Epialtus longirostris* Stimpson, 1860 and perhaps a synonym (see Carmona-Suárez & Poupin 2016).

Esopus crassus A. Milne-Edwards, 1875

Distribution: ICA (Guadeloupe, Barbados). 183-403 m. WA.

Literature: *Esopus crassus* A. Milne-Edwards, 1875: 90, Barbados. - A. Milne-Edwards 1880: 2, Barbados. - A. Milne-Edwards & Bouvier 1923: 389, Barbados. - Rathbun 1925: 192, Barbados. - Poupin & Corbari 2016: 71, Guadeloupe.

Herbstia depressa Stimpson, 1860

Distribution: VGI (St Thomas), ICA (Barbados), IOV (Curaçao). Depth range unknown, shallow water. WA.

Literature: *Herbstia depressa* Stimpson, 1860: 185, St Thomas. - A. Milne-Edwards 1873-1881: 77, St Thomas. - Rathbun 1924: 19,

Curaçao. - Rathbun 1921: 81, Barbados. - Rathbun 1925: 298, St Thomas, Barbados, Curaçao.

Hoploplites armatus (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe, St Vincent, Grenada, Barbados). 161-708 m. WA.

Literature: *Nibilia armata* A. Milne-Edwards, 1880a: 4, St Vincent (Grenadines), Barbados. - A. Milne-Edwards 1880 (1873-1881): 348, 'Antilles'. - A. Milne-Edwards & Bouvier 1923: 386, St Vincent, Grenada (Carriacou).

Hoploplites armata - Rathbun 1925: 307, St Vincent, Barbados.

Hoploplites armatus - Poupin & Corbari 2016: 72, Guadeloupe.

Leptopisa setirostris (Stimpson, 1871)

Distribution: VGI (St Thomas), ICA (Guadeloupe), IOV (Los Roques). 1-80 m. WA.

Literature: *Leptopisa setirostris* - Rathbun 1925: 375, St Thomas. - Chace 1956: 160, Los Roques. - Rodríguez 1980: 277, Los Roques. - Lira *et al.* 2013: tab. 1, Los Roques. - Carmona-Suárez & Poupin 2016: 358, Guadeloupe.

Libinia ferreirae Brito Capello, 1871

Distribution: IOV (Margarita). 1-35 m. WA (continental).

Literature: *Libinia ferreirae* - Rodríguez 1980: 282, Margarita [also Barbados in distribution, but see Remark].



Figure 198: *Esopus crassus*. Guadeloupe, KARUBENTHOS 2015, st. DW4638, 312-305 m, MNHN-IU-2013-19150. Photo Joseph Poupin.



Figure 199: *Hoploplites armatus*. Guadeloupe, KARUBENTHOS 2015, st. DW4634, 310-304 m, MNHN-IU-2013-19138. Photo Joseph Poupin.

Remark: In Tavares & Santana (2012) this species is reported only along the American coast from Costa Rica, Colombia, Venezuela, Guyana, Brazil, to Uruguay. Mention of Barbados, undocumented, in Rodríguez (1980) is therefore doubtful.

Macrocoeloma concavum Miers, 1886

Distribution: ICA (Guadeloupe). 2-60 m. WA.

Literature: *Macrocoeloma concavum* - Carmona-Suárez & Poupin 2016: 358, Guadeloupe.

Macrocoeloma diplacanthum (Stimpson, 1860)

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe), IOV (Tortuga, Los Roques, Bonaire, Curaçao). 1-29 m. WA.

Literature: *Pericera diplacantha* Stimpson, 1860: 183, St Thomas. - Desbonne, in Desbonne & Schramm 1867: 15, Guadeloupe. - A. Milne-Edwards 1873-1881: 55, St Thomas, Guadeloupe.

Macrocoeloma diplacanthum - Rathbun 1924: 21, Curaçao. - Rathbun 1925: 478, St Thomas, St Croix, Guadeloupe, Curaçao. - Rathbun 1936: 382, Bonaire. - Rodríguez 1980: 291, Tortuga. - Marcano & Bolaños 2001: 79, Los Roques. - Lira 2004: tab. 1, Tortuga. - Lira *et al.* 2013: tab. 1, Tortuga, Los Roques. - Carmona-Suárez & Poupin 2016: 358, Guadeloupe.

Macrocoeloma eutheca (Stimpson, 1871)

Distribution: VGI (St Croix), ICA (Guadeloupe, Barbados). 30-215 m. WA.

Literature: *Pericera eutheca* - A. Milne-Edwards 1880: 1, St Croix. *Macrocoeloma eutheca* - A. Milne-Edwards & Bouvier 1923: 395, St Croix. - Rathbun 1921: 87, Barbados. - Rathbun 1925: 484, St Croix, Barbados. - Carmona-Suárez & Poupin 2016: 358, Guadeloupe. *Macrocoeloma? eutheca* - Poupin & Corbari 2016: 72, Guadeloupe [det. from photo to be confirmed with specimen in MNHN-IU-2013-18945].

Macrocoeloma intermedium Rathbun, 1901

Distribution: ICA (Guadeloupe, Dominica, Barbados), IOV (Los Roques). 62-298 m. WA.

Literature: *Macrocoeloma intermedium* - Rathbun 1921: 87, Barbados. - Rathbun 1925: 486, Dominica. - Lira *et al.* 2013: tab. 1, Los Roques. - Carmona-Suárez & Poupin 2016: 359, Guadeloupe. - Poupin & Corbari 2016: 72, Guadeloupe.

Macrocoeloma laevigatum (Stimpson, 1860)

Distribution: VGI (St Thomas), ICA (Guadeloupe). 1-31 m. WA.

Literature: *Pericera laevigata* Stimpson, 1860: 181, St Thomas. - A. Milne-Edwards 1873-1881: 56, St Thomas, Guadeloupe. *Pericera curvicornis* Desbonne, in Desbonne & Schramm 1867: 14, Guadeloupe - Accepted as *Macrocoeloma laevigatum* (Stimpson, 1860) in WoRMS (2018).

Macrocoeloma laevigatum - Rathbun 1925: 483, St Thomas, Guadeloupe. - Carmona-Suárez & Poupin 2016: 359, Guadeloupe.

Macrocoeloma nodipes (Desbonne, in Desbonne & Schramm, 1867)

Distribution: VGI (?St Thomas), ICA (Antigua, Guadeloupe, Martinique), IOV (Bonaire, ?Curaçao). 1-48 m. WA.

Literature: *Pericera nodipes* Desbonne, in Desbonne & Schramm, 1867: 15, Guadeloupe.

Macrocoeloma trispinosum nodipes - Rathbun 1921: 87, Antigua. - Rathbun 1925: 468, Guadeloupe, Antigua. - Rathbun 1936: 382, Bonaire.

Macrocoeloma trispinosum variety - Rathbun 1925: 468, St Thomas, Curaçao [Specimen illustrated pl. 168, fig. 1 is probably *M. nodipes*, cf. Carmona-Suárez & Poupin (2016)].

Macrocoeloma nodipes - Carmona-Suárez & Poupin 2016: 359, Guadeloupe, Martinique.

Macrocoeloma subparallelum (Stimpson, 1860)

Distribution: VGI (St Thomas), ICA (Guadeloupe, Barbados), IOV (Blanquilla). 1-25 m. WA.

Literature: *Pericera subparallela* Stimpson, 1860: 186, St Thomas. *Pericera vilpini* Desbonne, in Desbonne & Schramm, 1867: 12, Guadeloupe [with this remark: *Tous les caractères de ce Pericera s'assimilent si bien avec ceux donnés par M. Stimpson à son Pericera subparallela, que je n'ai pas hésité à les considérer comme appartenant à la même espèce*].

Pericera subparallela - A. Milne-Edwards 1873-1881: 54, St Thomas, Guadeloupe.

Macrocoeloma subparallelum - Nobili 1898: 1, St Thomas. - Rathbun 1921: 87, Barbados. - Rathbun 1925: 480, St Thomas, Guadeloupe, Barbados. - Monod 1939: 561, Guadeloupe. - Rodríguez 1980: 293, St Thomas, Guadeloupe, Barbados. - Scelzo & Varela 1988: 36, Blanquilla. - Lira *et al.* 2013: tab. 1, Blanquilla. - Carmona-Suárez & Poupin 2016: 359, Guadeloupe.

Macrocoeloma trispinosum (Latreille, 1825)

Distribution: VGI (St Thomas), Lesser Antilles, ICA (St Martin, Antigua, Guadeloupe, Martinique, St Lucia), IOV (Margarita, Cubagua, Blanquilla, ?Tortuga, Los Roques, Curaçao). 1-82 m. WA.

Literature: *Pericera trispinosa* - H. Milne Edwards 1834-1840: 336, 'Habite les Antilles'. - A. Milne-Edwards 1873-1881: 52, 'Antilles'. *Macrocoeloma diacantha* - Rathbun 1920a: 29, Curaçao - *Macrocoeloma diacantha* (A. Milne-Edwards, 1875) accepted as *Macrocoeloma trispinosum* in WoRMS (2018).



Figure 200: *Macrocoeloma nodipes*. Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske. Photo Joseph Poupin.

Macrocoeloma trispinosum - Nobili 1898: 1, St Thomas. - Rathbun 1921: 87, Antigua. - Rathbun 1924: 21, Curaçao. - Rathbun 1925: 466, St Thomas, Antigua, St Lucia, Curaçao. - Rodríguez 1980: 282, Virgin Islands, St Lucia, Curaçao. - Hernández *et al.* 1999: tab. 2, Margarita. - Scelzo & Varela 1988: 36, Blanquilla. - Marcano & Bolaños 2001: 79, Cubagua. - Lira 2004: tab. 1, Tortuga [as *M. trispinosum* cf. *nodipes*]. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2013: tab. 1, Margarita, Cubagua, Tortuga, Blanquilla, Los Roques. - Carmona-Suárez & Poupin 2016: 360, St Martin, Guadeloupe, Martinique.

***Microlissa bicarinata* (Aurivillius, 1889)**

Distribution: ICA (St Barthélemy, Guadeloupe, Barbados). 4-23 m. WA.

Literature: *Lissa bicarinata* Aurivillius, 1889: 54, St Barthélemy. - Rathbun 1921: 82, Barbados. - Rathbun 1925: 332, St Barthélemy. - Pretzmann 1961: 176, St Barthélemy [type in Naturhistoriska riksmuseet, Stockholm].

Microlissa bicarinata - Carmona-Suárez & Poupin 2016: 360, Guadeloupe.

***Microlissa brasiliensis* (Rathbun, 1924)**

Distribution: ICA (Guadeloupe). 1-85 m. WA.

Literature: *Microlissa brasiliensis* - Carmona-Suárez & Poupin 2016: 360, Guadeloupe.

***Microlissa longirostris* (Pretzmann, 1961)**

Distribution: ICA (St Martin). ?-61 m. WA.

Literature: *Lissa longirostris* Pretzmann, 1961: 12, St Martin.

***Mocosoa crebripunctata* Stimpson, 1871**

Distribution: ICA (Guadeloupe). 20-131 m. WA.

Literature: *Mocosoa crebripunctata* - Poupin & Corbari 2016: 73, Guadeloupe.



Figure 202: *Rochinia hystrix*. Guadeloupe, R/V Polka, 1993, trap at 400 m. Photo Joseph Poupin.

***Nibilia antilocapra* (Stimpson, 1871)**

Distribution: ICA (Guadeloupe, St Vincent, Barbados), IOV (Margarita). 71-342 m. WA.

Literature: *Herbstia* sp. - Desbonne, in Desbonne & Schramm 1867: 17, Guadeloupe [*Les pêcheurs en trouvent assez souvent dans les nasses avec le Pericera cornuta*] - Listed as *N. antilocapra* in Rathbun (1925).

Nibilia erinacea A. Milne-Edwards, 1878 (1873-1881): 133, Guadeloupe (canal des Saintes, Marie-Galante) - Accepted as *Nibilia antilocapra* (Stimpson, 1871) in WoRMS (2018).

Nibilia antilocapra - Rathbun 1925: 290, St Vincent, Barbados. - Hernández-Ávila *et al.* 2008: 687, Margarita.

Nibilia ?antilocapra - Poupin & Corbari 2016: 73, Guadeloupe [Photo det., to be confirmed by examination of specimens in MNHN-IU-2013-18921, 18967, 18963].

***Pelia mutica* (Gibbes, 1850)**

Distribution: VGI (St Thomas), ICA (?St Martin, St Eustatius, Martinique, Guadeloupe), IOV (Cubagua). 1-51 m. WA.

Literature: *Pelia mutica* - Rathbun 1925: 278, St Thomas. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Carmona-Suárez & Poupin 2016: 361, ?St Martin, Guadeloupe, Martinique. - Faasse 2016: 52, St Eustatius.

Remark: Differences between this species and *Pelia rotunda* A. Milne-Edwards, 1875 are not clear and the later is perhaps a synonym of *P. mutica*. See also Rathbun (1925) and under *P. rotunda*.

***Pelia rotunda* A. Milne-Edwards, 1875**

Distribution: ICA (?St Martin, Guadeloupe). 1-190 m. WA.

Literature: *Pelia rotunda* - Carmona-Suárez & Poupin 2016: 361, ?St Martin, Guadeloupe.

Remark: The characters used to distinguish this species from *Pelia mutica* (Gibbes) in Rathbun (1925: 278) are: carapace very



Figure 201: *Mocosoa crebripunctata*. Guadeloupe, KARUBENTHOS 2015, st. DW4631, 90-95 m MNHN-IU-2013-19133. Photo Joseph Poupin.

high on the median line, rostrum more deflexed; carapace wider at hepatic regions than in *P. mutica*. Rathbun (1925: 279) indicates also that '*P. rotunda*: differs little from *P. mutica* ... perhaps not specifically distinct'.

Picroceroides tubularis Miers, 1886

Distribution: VGI (St Thomas), ICA (Barbados). 20-110 m. WA.

Literature: *Picroceroides tubularis* - Rathbun 1921: 88, Barbados. - Rathbun 1925: 354, St Thomas.

Rochinia hystrix (Stimpson, 1871)

Distribution: ICA (St Kitts, Guadeloupe, Martinique, St Lucia, St Vincent, Barbados). 150-708 m. WA.

Literature: *Amathia hystrix* - A. Milne-Edwards 1880: 2, St Kitts, Martinique, St Lucia, St Vincent, Barbados.

Anamathia hystrix - Faxon 1896: 153, Barbados.

Scyramathia hystrix - A. Milne-Edwards & Bouvier 1923: 380, St Kitts, St Lucia, St Vincent, Barbados.

Rochinia hystrix - Rathbun 1925: 214, Martinique, St Lucia, St Vincent, Barbados. - Poupin 1994: 42, Guadeloupe. - Pettan 2013: 56, Martinique. - Pettan & Tavares 2014: 307, Martinique, Barbados. - Poupin & Corbari 2016: 73, Guadeloupe.

Rochinia tanneri (Smith, 1883)

Distribution: ICA (Guadeloupe). 128-351 m. WA.

Literature: *Rochinia tanneri* - Poupin 1994: 43, Guadeloupe. - Poupin & Corbari 2016: 75, Guadeloupe.

Rochinia umbonata (Stimpson, 1871)

Distribution: ICA (Guadeloupe, Martinique, St Vincent). 161-915 m. WA.

Literature: *Scyra umbonata* - A. Milne-Edwards 1880: 2, St Vincent.

Scyramathia umbonata - A. Milne-Edwards & Bouvier 1923: 381, St Vincent.

Rochinia umbonata - Rathbun 1925: 222, St Vincent. - Paulmier 1993: 26, Guadeloupe, Martinique [specimen on photo pl. 30, fig. 1 is probably *Rochinia tanneri* instead]. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 43, Guadeloupe. - Pettan 2013: 73, Guadeloupe. - Poupin & Corbari 2016: 75, Guadeloupe. - Tavares *et al.* 2016: 1066, Guadeloupe.

Sphenocarcinus corrosus A. Milne-Edwards, 1878

Distribution: ICA (Guadeloupe, Montserrat, Barbados, Grenada). 165-365 m. WA.

Literature: *Sphenocarcinus corrosus* A. Milne-Edwards, 1878 (1873-1881): 136, Barbados. - A. Milne-Edwards 1880: 4, Barbados. - A. Milne-Edwards & Bouvier 1923: 378, Montserrat, Barbados, Grenada. - Rathbun 1925: 187, Barbados. - Poupin & Corbari 2016: 75, Guadeloupe.

Stenocionops coelatus (A. Milne-Edwards, 1878)

Distribution: ICA (St Martin, Guadeloupe, Martinique, St Lucia, Barbados), IOV (Margarita, Cubagua, Tortuga). 25-508 m (depth range from: A. Milne-Edwards & Bouvier 1923; Rathbun 1925). WA.

Literature: *Pericera cornuta* - H. Milne-Edwards 1834-1840: 335, '*Habite la mer des Antilles*'. - Streets 1872: 131, St Martin. - Desbonne,

in Desbonne & Schramm 1867: 3/12, Guadeloupe [*'on le trouve assez souvent dans les nasses que les pêcheurs tendent à de grandes profondeurs*']. - A. Milne-Edwards 1873-1881: 51, '*Antilles*'. - Doflein 1899: 179, Martinique. - Holthuis 1959: 76, St Martin - See Remark for synonymy

Pericera coelata - A. Milne-Edwards 1880: 1, Barbados.

Stenocionops coelata - A. Milne-Edwards & Bouvier 1923: 393, Barbados [*'Rathbun la tient pour une simple variété de S. furcata dont elle est très proche*'].

Stenocionops furcata coelata - Rathbun 1925: 450, St Lucia, Barbados. - Rodríguez 1980: 290, St Lucia, Barbados. - Marcano & Bolaños 2001: 79, Cubagua. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Lira 2004: tab. 1, Tortuga.

Stenocionops coelatus - Lira *et al.* 2013: tab. 1, Margarita, Tortuga. - Carmona-Suárez & Poupin 2016: 360, Guadeloupe. - Poupin & Corbari 2016: 75, Guadeloupe.

Remark: *Stenocionops coelata* is sometimes considered as a synonym or subspecies of *Stenocionops furcatus* (Olivier, 1791) (e.g. Melo 1999; Felder *et al.* 2009). However, Rathbun (1925), Williams (1984) and Santana *et al.* (2004) indicate that *S. furcatus coelatus* has a restricted distribution within the range of *S. furcatus*, being limited to an area from off Beaufort, North Carolina, to Barbados in the West Indies. While more studies are needed to confirm the specific status of *S. coelatus* it is separated herein from *S. furcatus*, mostly based on its distribution in the Lesser Antilles. For that reason the Lesser Antilles records of *Pericera cornuta*, same as *Cancer cornuto* Herbst, 1804 that are junior synonyms of *Stenocionops furcata* (Olivier) in WoRMS (2018), are attributed herein to *S. coelatus*.

Stenocionops furcatus (Olivier, 1791)

Distribution: VGI (St Thomas), ICA (Dominica, Barbados). 2-180 m. WA.

Literature: *Stenocionops furcata* - Rathbun 1921: 86, Barbados.

Stenocionops furcatus - Rathbun 1925: 449, St Thomas, Dominica, Barbados.



Figure 203: *Sphenocarcinus corrosus*. Guadeloupe, KARUBENTHOS 2015, st. CP4623, 217-182 m, MNHN-IU-2013-19106. Photo Joseph Poupin.

Remark: Records of *Stenocionops furcatus* in the Lesser Antilles are perhaps of *Stenocionops coelatus* instead (see under that species).

Stenocionops spinosissimus (Saussure, 1857)

Distribution: ICA (Guadeloupe, Dominica, Martinique), IOV (Margarita). 25-627/677 m. WA.

Literature: *Pericera spinosissima* Saussure, 1857: 501, 'Antilles'. - Desbonne, in Desbonne & Schramm 1867: 12, Guadeloupe. - A. Milne-Edwards 1873-1881: 51, Guadeloupe.

Stenocionops spinosissima - Rathbun 1925: 455, Guadeloupe, Dominica. - Gervain *et al.* 2002: 25, Guadeloupe.

Stenocionops spinosissimus - Paulmier 1993: 24, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, Martinique. - Poupin 1994: 44, Guadeloupe. - Hernández-Ávila *et al.* 2009: 1477, Margarita [Artisanal fishery, 190 m]. - Lira *et al.* 2013: tab. 1, Margarita. - Poupin & Corbari 2016: 76, Guadeloupe.

Stilbomastax margaritifera (Monod, 1939)

Distribution: ICA (Guadeloupe). 15-38 m. WA.

Literature: *Tyche margaritifera* Monod, 1939: 561, Guadeloupe.

Trachymaia cornuta A. Milne-Edwards, 1880

Distribution: VGI (St Thomas, St Croix), ICA (Nevis, Barbados). 150-620 m. WA.

Literature: *Trachymaia cornuta* A. Milne-Edwards, 1880: 3, St Croix, Barbados. - A. Milne-Edwards 1873-1881: 352, Barbados. - A. Milne-Edwards & Bouvier 1923: 382, St Thomas, Nevis. - Rathbun 1925: 229, St Thomas, St Croix, Nevis, off Barbados.

Tyche emarginata White, 1847

Distribution: VGI (St Thomas), ICA (Guadeloupe), IOV (Cubagua). 2-37 m. WA.

Literature: *Platyrinchus trituberculatus* Desbonne, in Desbonne & Schramm 1867: 3, Guadeloupe - Accepted as *Tyche emarginata* in WoRMS (2018).

Tyche emarginata - A. Milne-Edwards 1873-1881: 126, Guadeloupe. - Rathbun 1925: 508, St Thomas, Guadeloupe. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Carmona-Suárez & Poupin 2016: 361, Guadeloupe.

Family Inachidae MacLeay, 1838

Anomalothir frontalis (A. Milne-Edwards, 1879)

Distribution: ICA (Montserrat, Guadeloupe, Dominica, Barbados). 131-421 m. WA.

Literature: *Anomalopus frontalis* A. Milne-Edwards, 1879: 189, Barbados. - A. Milne-Edwards 1880: 8, Montserrat, Guadeloupe, Dominica, Barbados. - A. Milne-Edwards & Bouvier 1923: 368, Montserrat, Guadeloupe, Dominica, Barbados. - Rathbun 1925: 25, Montserrat, Guadeloupe, Dominica, Barbados.

Anomalothir frontalis - Poupin & Corbari 2016: 76, Guadeloupe.

Anomalothir furcillatus (Stimpson, 1871)

Distribution: VGI (St Croix), ICA (Guadeloupe, Dominica, St Vincent, Grenada). 50-690 m. WA.

Literature: *Anomalopus furcillatus* - A. Milne-Edwards 1880: 8, St Croix, Dominica, St Vincent, Grenada.

Anomalothir furcillatus - A. Milne-Edwards & Bouvier 1923: 368, St Croix, Dominica, St Vincent, Grenada. - Rathbun 1925: 24, St Croix (Frederickstadt), Guadeloupe, Grenada. - Rathbun 1933: 6, St Croix. - Poupin & Corbari 2016: 77, Guadeloupe.

Coryrhynchus algicola Stebbing, 1914

Distribution: ICA (Guadeloupe). 8-66 m. WA.

Literature: *Coryrhynchus algicola* - Carmona-Suárez & Poupin 2016: 361, Guadeloupe.

Coryrhynchus riisei (Stimpson, 1860)

Distribution: VGI (St Thomas), ICA (St Barthélemy, Guadeloupe, Martinique, Barbados, Trinidad), IOV (Margarita). 1-140 m. WA.

Literature: *Podocheila riisei* Stimpson, 1860: 196, St Thomas. - Aurivillius 1889: 34, St Barthélemy. - A. Milne-Edwards 1873-1881: 193, St Thomas, Guadeloupe. - Rathbun 1925: 33, St Thomas. - Rathbun 1933: 7, St Thomas. - Williams 1984: 302, Trinidad. - Marcano & Bolaños 2001: 73, Margarita. - Carré 2005: 23, Martinique.

Driope falcipoda Desbonne, in Desbonne & Schramm, 1867: 2, Guadeloupe - Accepted as *Coryrhynchus riisei* in WoRMS (2018).

Podocheila spatulifrons A. Milne-Edwards, 1879 (1873-1881): 192, Guadeloupe - Accepted as *Coryrhynchus riisei* in WoRMS (2018).

Podocheila hyopglypha - Rathbun 1921: 80, Barbados - *Podocheila hyopglypha* Stimpson, 1871 accepted as *Coryrhynchus riisei* (Stimpson, 1860) in WoRMS (2018).

Pisosoma riisei - Schmitt 1935: 188, St Thomas.

Coryrhynchus riisei - Coelho 2006: 681, St Thomas. - Carmona-Suárez & Poupin 2016: 362, Guadeloupe.

Coryrhynchus sidneyi (Rathbun, 1924)

Distribution: ICA (Guadeloupe). 1-187 m. WA.



Figure 204: *Anomalothir furcillatus*. Guadeloupe, KARUBENTHOS 2015, st. DW4615, 270-226 m, MNHN-IU-2013-19068. Photo Joseph Poupin.

Literature: *Coryrhynchus sidneyi* - Carmona-Suárez & Poupin 2016: 362, Guadeloupe.

***Dorhynchus furcatus* (A. Milne-Edwards, 1880)**

Distribution: ICA (Grenada). 532 m. Only/ICA.

Literature: *Lispognathus furcatus* A. Milne-Edwards, 1880: 9, Grenada.

Lispognathus furcillatus A. Milne-Edwards, 1881 (1873-1881): 349, Grenada.

Remark: Both records accepted as *Dorhynchus furcatus* in WoRMS (2018). This species apparently never collected since its original description from the Lesser Antilles.

***Dorhynchus thomsoni* C.W. Thomson, 1873**

Distribution: ICA (Grenada). 100-2080 m. Pantropical.

Literature: *Lispognathus thomsoni* - A. Milne-Edwards & Bouvier 1923: 363, Grenada.

Achaeopsis thomsoni - Rathbun 1925: 29, Grenada.

Remark: Both accepted as *Dorhynchus thomsoni* in WoRMS (2018).

***Ericerodes botti* (Türkay, 1968)**

Distribution: IOV (Margarita). No depth range, probably shallow water. Only/IOV.

Literature: *Podochela botti* Türkay, 1968: 255, Margarita.

Ericerodes botti - Coelho 2006: 683, Margarita [Examination of the holotype].

Remark: This species apparently reported only in Coelho (2006) since its description. It not included in contributions for the Venezuelan fauna, including Margarita Island, such as in Rodríguez (1980), Hernández *et al.* (1999) or Lira *et al.* (2013). The holotype male is deposited in the Senckenberg Museum Frankfurt collection (SMF 4352).

***Ericerodes gracilipes* (Stimpson, 1871)**

Distribution: ICA (Guadeloupe, Barbados). 2-120 m. WA.

Literature: *Podochela gracilipes* - Rathbun 1921: 81, Barbados. - Rathbun 1925: 47, Barbados.

Ericerodes gracilipes - Carmona-Suárez & Poupin 2016: 362, Guadeloupe [From KARUBENTHOS 2012, st. GD35, 66 m, 1 ov. female 8.3x4.8 mm MNHN-IU-2013-4199, identification verified by D. Felder, May 2018]].



Figure 205: *Podochela curvirostris*. Guadeloupe, KARUBENTHOS 2015, st. CP4623, 217-182 m, MNHN-IU-2013-19105. Photo Joseph Poupin.

***Eucinetops blakianus* Rathbun, 1896**

Distribution: ICA (Guadeloupe), IOV (Bonaire). 3-6 m. WA.

Literature: *Eucinetops blakianus* - Rathbun 1936: 380, Bonaire. - Rodríguez 1980: 270, Bonaire. - Carmona-Suárez & Poupin 2016: 362, Guadeloupe.

***Podochela curvirostris* (A. Milne-Edwards, 1879)**

Distribution: ICA (Montserrat, Guadeloupe, St Vincent, Barbados, Grenada). 134-448 m. WA.

Literature: *Anisonotus curvirostris* A. Milne-Edwards, 1879 (1873-1881): 196, Barbados. - A. Milne-Edwards 1880: 10, Montserrat, St Vincent (Grenadines), Barbados. - A. Milne-Edwards & Bouvier 1923: 364, Montserrat, St Vincent (Grenadines), Barbados.

Podochela curvirostris - Rathbun 1925: 50, Grenada (Carriacou), Barbados - Carmona-Suárez & Poupin 2016: 363, Guadeloupe. - Poupin & Corbari 2016: 77, Guadeloupe.

***Podochela grossipes* Stimpson, 1860**

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Martinique, St Lucia). 1-37 m.

Literature: *Podochela grossipes* Stimpson, 1860: 195, St Thomas. - A. Milne-Edwards 1873-1881: 190, St Thomas, St Lucia. - Aurivillius 1889: 34, Martinique. - Doflein 1899: 178, Martinique. - Rathbun 1925: 45, St Thomas, Martinique, St Lucia. - Monod 1939: 561, Guadeloupe. - Rodríguez 1980: 271, St Thomas, Martinique, St Lucia. - Coelho 2006: 685, Guadeloupe, St Thomas, St Lucia, Martinique. - Carmona-Suárez & Poupin 2016: 364, St Martin, Guadeloupe, Martinique.

***Podochela macrodera* Stimpson, 1860**

Distribution: VGI (St Thomas), ICA (St Martin, St Eustatius, Guadeloupe), IOV (Cubagua, Curaçao). 1-91 m. WA.

Literature: *Podochela macrodera* Stimpson, 1860: 196, St Thomas. - A. Milne-Edwards 1873-1881: 191, St Thomas, Guadeloupe. - Rathbun 1894: 50, St Thomas. - Rathbun 1920a: 27, St Martin, St Eustatius. - Rathbun 1924: 19, Curaçao. - Rathbun 1925: 44, St Thomas, St Martin, St Eustatius, Guadeloupe, Curaçao. - Coelho 2006: 685, St Thomas, St Martin, St Eustatius, Guadeloupe. - Rodríguez 1980: 271, Curaçao. - Marcano & Bolaños 2001: 72, Cubagua. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Carmona-Suárez & Poupin 2016: 364, Guadeloupe.



Figure 206: *Aepinus septemspinus*. Guadeloupe, KARUBENTHOS 2012, MNHN-IU-2013-11301, st. GD02, 80 m, 1 ♀ ov. 5.8x4.1 mm. Photo Joseph Poupin.

Family Inachoididae Dana, 1851

Aepinus septemspinosus (A. Milne-Edwards, 1878)

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe). 10-85 m. WA.

Literature: *Aepinus septemspinosus* - Rathbun 1925: 92, St Thomas. - Carmona-Suárez & Poupin 2016: 364, St Martin, Guadeloupe [1 female ov. 5.8x4.1 mm, KARUBENTHOS 2012, Guadeloupe, st. GD02, 80 m, MNHN-IU-2013-11301].

Anasimus fugax A. Milne-Edwards, 1880

Distribution: VGI (St Croix), ICA (Barbados). 64-210 m (from Rathbun, 1933). WA.

Literature: *Anasimus fugax* A. Milne-Edwards, 1880: 9, St Croix, Barbados. - A. Milne-Edwards 1880 (1873-1881): 350, Barbados. - A. Milne-Edwards & Bouvier 1923: 366, St Croix, Barbados. - Rathbun 1925: 64, Barbados. - Rathbun 1933: 9, St Croix.

Anasimus latus Rathbun, 1894

Distribution: ICA (Trinidad). 26-274 m. WA (continental).

Literature: *Anasimus latus* - Rathbun 1925: 65, Trinidad.

Arachnopsis filipes Stimpson, 1871

Distribution: ICA (Dominica, Barbados). 27-238 m. WA.

Literature: *Arachnopsis filipes* - A. Milne-Edwards 1880: 6, Dominica, Barbados. - A. Milne-Edwards & Bouvier 1923: 370, Dominica, Barbados. - Rathbun 1921: 81, Barbados. - Rathbun 1925: 89, Barbados.

Batrachonotus fragosus Stimpson, 1871

Distribution: VGI (St Thomas), ICA (Guadeloupe, Barbados), IOV (Margarita, Cubagua, Curaçao). 1-247 m. WA.

Literature: *Batrachonotus brasiliensis* - Rathbun 1920a: 27, Curaçao - *Batrachonotus brasiliensis* Rathbun, 1894 accepted as *Batrachonotus fragosus* in WoRMS (2018).

Batrachonotus fragosus - Rathbun 1921: 81, Barbados. - Rathbun 1925: 123, St Thomas, Curaçao. - Monod 1939: 566, Guadeloupe. - Rodríguez 1980: 273, St Thomas, Curaçao. - Lira *et al.* 2015: 156, Margarita, Cubagua. - Carmona-Suárez & Poupin 2016: 364, Guadeloupe.

Collodes ?obesus A. Milne-Edwards, 1878

Distribution: . ICA (?Guadeloupe). 91-99 m ?to 164/211 m. WA.

Literature: *Collodes ?obesus* - Poupin & Corbari 2016: 78, Guadeloupe [Photo det. only, specimens must be examined in MNHN-IU-2013-19009, 19022].

Collodes ?robustus Smith, 1881

Distribution: ICA (?Guadeloupe). 27-683 m. WA.

Literature: *Collodes ?robustus* - Poupin & Corbari 2016: 78, Guadeloupe [Photo det. only, specimens must be examined in MNHN-IU-2013-18899, 19040].

Collodes inermis A. Milne-Edwards, 1878

Distribution: ICA (Martinique). 1-40 m. WA.

Literature: *Collodes inermis* - Aurivillius 1899: 36, Martinique. - Rathbun 1901: 56, Martinique. - Rathbun 1925: 119, Martinique.

Collodes trispinosus Stimpson, 1871

Distribution: ICA (Guadeloupe, Barbados). 7-247 m. WA.

Literature: *Collodes depressus* - A. Milne-Edwards & Bouvier 1923: 371, Barbados - *Collodes depressus* A. Milne-Edwards, 1878 accepted as *Collodes trispinosus* in WoRMS (2018).

Collodes trispinosus - Carmona-Suárez & Poupin 2016: 365, Guadeloupe.

Euprognatha acuta A. Milne-Edwards, 1880

Distribution: ICA (St Kitts, Martinique, St Vincent, Barbados, Grenada). 27-707 m. WA.

Literature: *Euprognatha acuta* A. Milne-Edwards, 1880: 7, St Kitts, St Vincent (Grenadines), Grenada. - A. Milne-Edwards 1873-1881: 348, St Kitts, St Vincent, Barbados. - A. Milne-Edwards & Bouvier 1923: 376, St Kitts, St Vincent (Grenadines), Barbados. - Santana & Tavares 2008: 318, Martinique, St Vincent, Barbados [Treated as a synonym of *E. rastellifera*].

Euprognatha rastellifera acuta - Rathbun 1925: 96, St Kitts, Martinique, Barbados, Grenada.

Remark: See Felder *et al.* (2009) for questionable specific status of this species. It is sometimes treated as a subspecies of *E. rastellifera*, together with *E. marthae* (*E. rastellifera acuta* and *E. rastellifera marthae*). These authors suggest that *E. rastellifera* is perhaps a unique polymorphic species.

Euprognatha gracilipes A. Milne-Edwards, 1878

Distribution: VGI (St Croix), ICA (Guadeloupe, Dominica, Barbados). 51-368 m. WA.

Literature: *Euprognatha gracilipes* - A. Milne-Edwards 1880: 7, St Croix, Dominica, Barbados. - A. Milne-Edwards & Bouvier 1923: 375, St Croix, Dominica, Barbados. - Rathbun 1921: 81, Barbados. - Rathbun 1925: 101, Saint Croix, Barbados. - Santana & Tavares 2008: 318, St Croix, Dominica, Barbados. - Carmona-Suárez & Poupin 2016: 365, Guadeloupe. - Poupin & Corbari 2016: 78, Guadeloupe.



Figure 207: *Euprognatha gracilipes*. Guadeloupe, KARUBENTHOS 2015, st. DW4613, 210-240 m, MNHN-IU-2013-19060. Photo Joseph Poupin.

Euprognatha rastellifera Stimpson, 1871

Distribution: VGI (St Croix, St John), ICA (St Kitts, Guadeloupe, Martinique, St Vincent, Barbados, Grenada). 10-708 m. WA.

Literature: *Euprognatha inermis* A. Milne-Edwards, 1878 (1873-1881): 183, Guadeloupe. - A. Milne-Edwards 1880: 7, St John

(Flanagan Passage), St Vincent (Grenadines). - A. Milne-Edwards & Bouvier 1923: 374, Guadeloupe, St Vincent (Grenadines) [... j'ai sous les yeux le type décrit et figuré par A. Milne-Edwards et je crois bien qu'en fait cette espèce ne diffère de la précédente (E. rastellifera) que par son front plus ou moins saillant et plus étroit. Si cette partie du corps présente des variations chez les Euprognathes, il y aura vraisemblablement lieu d'identifier cette espèce avec la précédente] - Accepted as *Euprognatha rastellifera* in WoRMS (2018).

Euprognatha rastellifera - A. Milne-Edwards 1880: 7, St Croix, Martinique, St Vincent, Grenada, Barbados. - A. Milne-Edwards & Bouvier 1923: 373, St Croix, Guadeloupe, Martinique, St Vincent, Barbados, Grenada. - Carmona-Suárez & Poupin 2016: 365, Guadeloupe.

Euprognatha rastellifera spinosa - Santana & Tavares 2008: 318, St Kitts [as a synonym of *E. rastellifera*] - *Euprognatha rastellifera spinosa* Rathbun, 1894 accepted as *E. rastellifera* in WoRMS (2018).

Remark: Several lots (MNHN-IU-2013, 4120, 4131, 4137, 5584, 5587), attributed to *E. rastellifera* in Carmona-Suárez & Poupin (2016: Fig. 3L) corrected into *Batrachonotus fragosus* Stimpson, 1871 by D.L. Felder (com. pers. May 2018).

Inachoides forceps A. Milne-Edwards, 1879

Distribution: VGI (St Thomas), ICA (Guadeloupe). 2-70 m. WA.

Literature: *Inachoides obtusus* A. Milne-Edwards, 1879 (1873-1881): 199, Guadeloupe - Accepted as *Inachoides forceps* in Santana & Tavares (2009).

Inachoides laevis - Rathbun 1925: 63, St Thomas - Not *Inachoides laevis* Stimpson, 1860, restricted to Pacific coast of Americas (see Santana & Tavares 2009: 63).

Pyromaia acanthina Lemaitre, N. H. Campos & Bermúdez, 2001

Distribution: ICA (Guadeloupe). 196-321 m ?extended to 111-660 m (Guadeloupe KARUBENTHOS 2015). WA.

Literature: *Pyromaia acanthina* - Carmona-Suárez & Poupin 2016: 366, Guadeloupe [a female, somewhat intermediate between *Pyromaia propinqua* Chace, 1940 and *P. acanthina* Lemaitre, N. H. Campos & Bermúdez, 2001; male pleopod needed to be sure].

Pyromaia ?acanthina - Poupin & Corbari 2016: 79, Guadeloupe [Det. from photos only, perhaps two species; specimens must be examined in MNHN-IU-2013-18892, 18915; 19031, 19073].

Pyromaia arachna Rathbun, 1924

Distribution: ICA (Guadeloupe). 170-384 m. WA.

Literature: *Pyromaia arachna* - Poupin 1994: 42, Guadeloupe.

Pyromaia cuspidata Stimpson, 1871

Distribution: ICA (Guadeloupe), IOV (Cubagua). 27-549 m. WA.

Literature: *Pyromaia cuspidata* - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Poupin & Corbari 2016: 79, Guadeloupe.

Pyromaia tuberculata (Lockington, 1877)

Distribution: IOV (Cubagua). 6-121 m. IWP (WA-Invasive).

Literature: *Pyromaia tuberculata* - Marcano & Bolaños 2001: 75, Cubagua. - Hernández-Ávila *et al.* 2007: appendix, Cubagua [from Marcano & Bolaños 2001].

Remark: *P. tuberculata* is EP, introduced to Japan and New Zealand, and invasive in southwestern Atlantic (cf. Lemaitre *et al.* 2001b; Luppi & Spivak 2002).

Pyromaia vogelsangi Türkay, 1968

Distribution: IOV (Margarita). No depth range, shallow water. Only IOV.

Literature: *Pyromaia vogelsangi* Türkay, 1968: 254, Margarita.

Remark: This species apparently never listed since its description and not included in further revisions of the Venezuelan fauna, including Margarita Island (Rodríguez 1980; Hernández *et al.* 1999; Lira *et al.* 2013). According to Türkay it is affiliated to *Pyromaia arachna* Rathbun, 1924. The specimens 1 male holotype (SMF 4344), 2 males, 2 females paratypes (SMF 4345) are in the Senckenberg Museum Frankfurt collections (SMF).

Stenorhynchus seticornis (Herbst, 1788)

Distribution: VGI (St Thomas, St Croix, St John), ICA (St Martin, St Barthélemy, St Eustatius, Guadeloupe, Dominica, Martinique, Barbados, Grenada, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao). 1-366 m, but mostly shallow water. WA.

Literature: *Cancer seticornis* Herbst, 1788 (1782-1804): 229, Guadeloupe [Guadeloupe not indicated in vol. 1, dated 1788, but in vol. 3 dated 1803].

Cancer sagittarius Fabricius, 1793: 442, (part) Guadeloupe - Accepted as *Stenorhynchus seticornis* in WoRMS (2018).

Leptopodia sagittaria (Fabricius) - H. Milne Edwards 1834-1840: 276/321, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 1, Guadeloupe. - A. Milne-Edwards 1880: 6, St Croix, St John (Flanagan Passage), Barbados. - A. Milne-Edwards & Bouvier 1923: 361, St Croix, St John (Norman), Barbados.

Leptopodia sagittaria var. *modesta* A. Milne-Edwards, 1873-1881: 172, Martinique.

Stenorhynchus sagittarius (Fabricius) - Rathbun 1920a: 26, Curaçao. - Rathbun 1921: 80, Barbados. - Rathbun 1924: 19, Curaçao.

Stenorhynchus seticornis - Rathbun 1925: 18, St. Thomas, St Martin, Dominica, Curaçao. - Rathbun 1933: 6, St Thomas, St Croix. - Rathbun 1936: 380, Bonaire. - Monod 1939: 561, Guadeloupe. - Chace 1956: 159, Los Roques. - Türkay 1968: 254, Margarita. - Rodríguez 1980: 270, Cubagua, Tortuga. - Scelzo & Varela 1988: 37, Blanquilla. - Goeke



Figure 208: *Pyromaia cuspidata*. Guadeloupe, KARUBENTHOS 2015, st. CP4624, 242-243 m, MNHN-IU-2013-19112. Photo Joseph Poupin.

1989: 626, St Thomas, Barbados, Grenada, Trinidad, Curaçao. - Poupin 1994: 44, Guadeloupe. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano & Bolaños 2001: 72, Cubagua. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [from Bourgeois-Lebel (1982), not seen]. - Questel 2014: 12, St Barthélemy. - Faasse 2016: 52, St Eustatius. - Carmona-Suárez & Poupin 2016: 366, St Martin, Guadeloupe, Martinique.
 ?*Stenorhynchus 'debilis/seticornis'* - Carmona-Suárez & Poupin 2016: 366, Guadeloupe - Several specimens identified as *S. debilis* based on the presence of a small spine at tip of basal antennal article but *Stenorhynchus debilis* (Smith, 1871) is the EP geminate species of *S. seticornis* (?invasive in WA); differences between these two species must be reevaluated.

Stenorhynchus yangi Goeke, 1989

Distribution: ICA (Guadeloupe, Barbados). 31-450 m. WA.
Literature: *Stenorhynchus yangi* - Goeke 1989: 630, Barbados. - Poupin 1994: 45, Guadeloupe. - Carmona-Suárez & Poupin 2016: 367, Guadeloupe. - Poupin & Corbari 2016: 77, Guadeloupe.

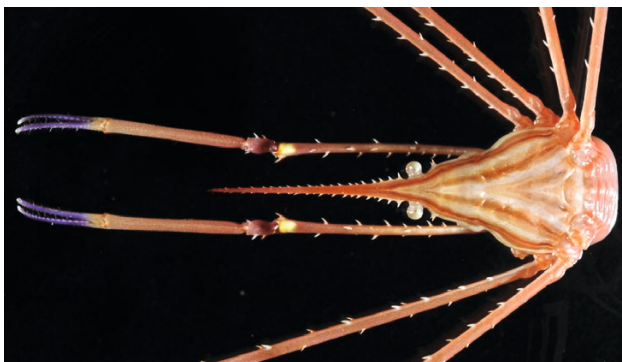


Figure 209: *Stenorhynchus yangi*. Guadeloupe, KARUBENTHOS 2015, st. DW4586, 251-204 m, MNHN-IU-2013-18879. Photo Joseph Poupin.

Family Majidae Samouelle, 1819

Temnonotus granulatus A. Milne-Edwards, 1875

Distribution: ICA (Guadeloupe, Barbados). 183-478 m. WA.
Literature: *Temnonotus simplex* A. Milne-Edwards, 1875: 84, Barbados. - A. Milne-Edwards & Bouvier 1923: 393, Barbados. - Rathbun 1925: 342, Barbados. - Accepted as *T. granulatus* in Santana & Tavares (2010: 147).
Temnonotus granulatus A. Milne-Edwards, 1875 (1873-1881): 83, Barbados. - A. Milne-Edwards 1880: 2, Barbados. - A. Milne-Edwards & Bouvier 1923: 392, Barbados. - Rathbun 1925: 341, Barbados. - Carmona-Suárez & Poupin 2016: 378, Guadeloupe. - Poupin & Corbari 2016: 79, Guadeloupe.

Thersandrus compressus (Desbonne, in Desbonne & Schramm, 1867)

Distribution: ICA (St Martin, Guadeloupe, Martinique). 1-27 m. WA.

Literature: *Sisypheus compressus* Desbonne, in Desbonne & Schramm, 1867: 20, Guadeloupe ['*parmi les algues*']. - A. Milne-Edwards 1873-1881: 124, Guadeloupe.
Thersandrus compressus - Rathbun 1925: 343, Guadeloupe. - Carmona-Suárez & Poupin 2016: 378, St Martin, Guadeloupe, Martinique.

Family Mithracidae MacLeay, 1838

Amphithrax hemphilli (Rathbun, 1892)

Distribution: ICA (St Martin, Antigua, Guadeloupe, Barbados), IOV (Curaçao). 1-60 m. WA.

Literature: *Mithrax hemphilli* - Rathbun 1921: 83, Antigua. - Rathbun 1925: 395, Guadeloupe. - Collins & Morris 1976: 118, Barbados [Fossil remains]. - Wagner 1990: 23, Curaçao. - Luque *et al.* 2017: 55, Barbados [Fossil remains].

Fieldwork: *Amphithrax hemphilli* - Saint-Martin, RNN Inventory 10/04/2012, UF31892, photo Dstm_0717.

Remark: Genus *Amphithrax* is from 'Corrigendum' by Windsor & Felder (2017).

Amphithrax leucomelas Desbonne, in Desbonne & Schramm, 1867 *incertae sedis*

Distribution: ICA (Guadeloupe). No depth range, shallow water. Only/ICA.

Literature: *Mithrax leucomelas* Desbonne, in Desbonne & Schramm, 1867: 11, Guadeloupe. - A. Milne-Edwards 1873-1881: 97, Guadeloupe [... *semble se rapprocher du Mithrax depressus, mais les caractères indiqués par I. Desbonne ne sont pas suffisants pour permettre de réunir ces deux espèces*].

Mithrax(?) leucomelas - Rathbun 1925: 421, Guadeloupe ['*Nothing is known of this species, except the original description by Desbonne. Schramm himself could not find the specimen described*'].
Schramm himself could not find the specimen described].

Remark: This is a species *incertae sedis* with poor diagnose and no voucher. Perhaps a synonym of *Mithrax hispidus*? Genus *Amphithrax* is from 'Corrigendum' by Windsor & Felder (2017).

Amphithrax aculeatus (Herbst, 1790)

Distribution: VGI (St Thomas), ICA (St Martin, St Barthélemy, Antigua, Guadeloupe, ?Martinique, Barbados), IOV (Margarita, Tortuga, Los Roques, Curaçao, Aruba). 1-5 m. WA.



Figure 210: *Amphithrax aculeatus/pilosus*. Guadeloupe, KARUBENTHOS 2012, st. GM02, 1 m, MNHN-IU-2013-5929. Photo Joseph Poupin/Laure Corbari.

Literature: *Mithrax aculeatus* - Stimpson 1860: 188, St Thomas. - H. Milne Edwards 1834-1840: 321, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 5, Guadeloupe. - A. Milne-Edwards 1873-1881: 102, St Thomas, Guadeloupe, Barbados - These references following synonymy in Wagner (1990) but see Remark for non elucidated status of *M. aculeatus* (Herbst, 1790).

Mithrax (Mithrax) pilosus - Rathbun 1925: 394, St Thomas, St Barthélemy, Guadeloupe, Barbados. - Chace 1956: 160, Los Roques [Juvenile, with a ?].

Mithrax pilosus - Nobili 1898: 1, St Thomas [coll. Duchassaing]. - Rathbun 1921: 83, Antigua, Barbados. - Wagner 1990: 25, St Thomas, St Martin/Maarten, Guadeloupe (La Désirade), Curaçao, Aruba. - Lira 2004: tab. 1, Tortuga. - Lira *et al.* 2013: tab. 1, Margarita, Los Roques, Tortuga. - Carmona-Suárez & Poupin 2016: 373, Guadeloupe, Martinique.

Remark: In Ng *et al.* (2008) *Mithrax pilosus* Rathbun, 1892 is a synonym of *M. aculeatus* (Herbst, 1790). The identity of Herbst' species is, however, not clear and *M. pilosus* is considered as perhaps valid in Carmona-Suárez & Poupin (2016). To simplify, the opinion of Ng *et al.* (2008) is followed herein. Genus *Amphithrax* is from 'Corrigendum' by Windsor & Felder (2017).

Amphithrax verrucosus (H. Milne Edwards, 1832)

Distribution: VGI (St Thomas, St John), ICA (St Martin, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados, Grenada, Trinidad, Tobago), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-24 m. WA.

Literature: *Mithrax verrucosus* H. Milne Edwards, 1832: 13, Martinique. - H. Milne Edwards 1834-1840: 321, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 6, Guadeloupe. - A. Milne-Edwards 1873-1881: 102, Guadeloupe, Martinique. - Rathbun 1921: 83, Antigua, Barbados.

Mithrax (Mithrax) verrucosus - Rathbun 1924: 20, Curaçao. - Rathbun 1925: 400, St Thomas, Guadeloupe, Curaçao. - Rathbun 1936: 381, Bonaire, Aruba. - Chace 1956: 160, Los Roques. - Collins & Morris 1976: 119, Barbados [Fossil remains].

Mithrax verrucosus - Scelzo & Varela 1988: 37, Blanquilla. - Wagner 1990: 29, St Thomas, St John, Guadeloupe, Grenada, Trinidad, Tobago, Bonaire, Klein Bonaire, Aruba. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano

& Bolaños 2001: 77, Cubagua. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2013: tab. 1, Isla de Aves, Margarita, Cubagua, Blanquilla, Tortuga, Los Roques. - Carmona-Suárez & Poupin 2016: 373, St Martin, Guadeloupe, Martinique.

Mithrax aculeatus (Herbst, 1790) (as *Mithrax verrucosus* in H. Milne Edwards, 1832) - Luque *et al.* 2017: 55, Barbados [Fossil remains].

Remark: See Carmona-Suárez & Poupin (2016) for differences between *Mithrax verrucosus* H. Milne Edwards, 1832 and *Mithrax aculeatus* (Herbst, 1790).

Hemus cristulipes A. Milne-Edwards, 1875

Distribution: ICA (Guadeloupe), IOV (Margarita, Cubagua, Curaçao). 15-69 m. WA.

Hemus cristulipes - Rathbun 1920a: 27, Curaçao. - Rathbun 1924: 19, Curaçao. - Rathbun 1925: 345, Curaçao. - Rodríguez 1980: 277, Curaçao. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2013: tab. 1, Margarita, Cubagua. - Carmona-Suárez & Poupin 2016: 369, Guadeloupe.

Maguimithrax spinosissimus (Lamarck, 1818)

Distribution: VGI (St Thomas), ICA (St Martin, St Barthélemy, St Eustatius, Guadeloupe, Dominica, Isla de Aves, Martinique, Barbados), IOV (Los Roques, Bonaire, Curaçao). 1-179 m. WA.

Literature: *Mithrax spinosissimus* - H. Milne Edwards 1832: 12, Martinique [connu sous le nom de *Cabouca*]. - H. Milne Edwards 1834-1840: 321, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 4, Guadeloupe [il se prend souvent dans les nasses que les pêcheurs mouillent à d'assez grandes profondeurs]. - A. Milne-Edwards 1873-1881: 100, Guadeloupe [... cette espèce atteint parfois une taille considérable]. - Pocock 1889: 6, Dominica. - Aurivillius 1899: 57 St Barthélemy. - Rathbun 1920a: 28, St Martin. - Rathbun 1921: 82, Barbados. - Wagner 1990: 14, St Thomas, St Martin/Maarten, Guadeloupe, Curaçao, Bonaire. - García *et al.* 1998: tab. 1, Isla de Aves. - Marcano & Bolaños 2001: 77, Los Roques. - Lira *et al.* 2013: Tab. 1, Los Roques, Isla de Aves. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 13, St Barthélemy. - Stepp 2014: 31, Curaçao [Fossil remains]. - Faasse 2016: 52, St Eustatius [Plus additional record of a *Mithrax* sp.].



Figure 211: *Amphithrax verrucosus*. Guadeloupe, KARUBENTHOS 2012, st. GM02, 1 m, 1 ♂ MNHN-IU-2013-5934. Photo Joseph Poupin.



Figure 212: *Maguimithrax spinosissimus*. Martinique. Photo Yan Buske.

Mithrax (Mithrax) spinosissimus - Rathbun 1925: 383, St Thomas, St Martin, Guadeloupe, Martinique. - Collins & Morris 1976: 118, Barbados [Fossil remains]. - Carré 2005: 23, Martinique.

Mithrax hispidus - Doflein 1899: 179, Martinique - Not *Mithrax hispidus* (Herbst, 1790) but *Mithrax spinosissimus* (Lamarck, 1818) in Rathbun (1925).

Maguimithrax spinosissimus - Carmona-Suárez & Poupin 2016: 370, Guadeloupe, Martinique. - Luque *et al.* 2017: 55, 59, Barbados, Curaçao [Fossil remains].

Remark: This species is reported by Desbonne (1867) and A. Milne Edwards (1873-80) as sometimes of very big size and common around Guadeloupe and Martinique where it is caught by traps, in deep waters. It has been transferred from *Damithrax* to *Maguimithrax* by Klompmaker *et al.* (2015).

Microphrys weddelli H. Milne Edwards, 1851 *incertae sedis*

Distribution: ICA (Guadeloupe). No depth range, shallow water. WA-EP.

Literature: *Microphrys weddelli* - A. Milne-Edwards 1873-1881: 60, Guadeloupe [*Habite les côtes du Pérou et la mer des Antilles, Guadeloupe*; see Remark]. - Rathbun 1925: 496, Guadeloupe.

Remark: Sequence data are needed to define the exact status of this species, currently the type species of the genus *Microphrys* (see Windsor & Felder 2014). Its WA-EP geographic distribution is uncommon. A. Milne-Edwards (1881: 60) has this comment "*Cette espèce a été décrite et figurée par M. Milne Edwards, d'après plusieurs exemplaires trouvés sur les côtes du Pérou par M. Weddell ; depuis cette époque, le Muséum d'histoire naturelle en a reçu quelques individus, qui avaient été recueillis par M. Duchassaing sur les fonds rocheux de la Guadeloupe. Je n'ai pas pu découvrir entre ces crustacés, provenant de points géographiquement si éloignés, aucune différence constante, et je les rapporte tous à la même espèce ; on pourra, d'ailleurs, se rendre facilement compte de ces similitudes en consultant les figures que je donne des Microphrys Weddellii de la mer des Antilles*". A. Milne-Edwards conclusion is supported by Rathbun (1925: 496) after examining specimens of *M. weddelli* from distant geographic places (Ecuador, Chili, Peru, and Guadeloupe).

Mithraculus cinctimanus Stimpson, 1860

Distribution: VGI (St Thomas), ICA (St Martin, Antigua, Barbuda, Guadeloupe, Dominica, Martinique, Barbados, Tobago), IOV (Margarita, Los Roques, Bonaire, Curaçao). 1-4 m. WA.

Literature: *Mithraculus cinctimanus* Stimpson, 1860: 186, St Thomas. - A. Milne-Edwards 1873-1881: 112, St Thomas, Guadeloupe. - Rathbun 1924: 21, Curaçao. - Wagner 1990: 33, St Thomas, Barbuda, Guadeloupe, Dominica, Barbados, Tobago, Bonaire, Curaçao. - Bolaños *et al.* 2000: 26, Los Roques. - Marcano & Bolaños 2001: 76, Los Roques. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Lira *et al.* 2013: tab. 1, Margarita (Los Frailes), Los Roques. - Carmona-Suárez & Poupin 2016: 370, St Martin, Guadeloupe, Martinique.

Mithrax affinis Desbonne, in Desbonne & Schramm, 1867: 10, Guadeloupe - Accepted as *Mithraculus cinctimanus* in WoRMS (2018).

Mithrax cinctimanus - Rathbun 1920a: 28, St Martin, Curaçao.

Mithrax (Mithraculus) cinctimanus - Rathbun 1921: 85, Antigua. - Rathbun 1925: 438, St Thomas, St Martin, Antigua, Curaçao.

Mithraculus coryphe (Herbst, 1801)

Distribution: VGI (St Thomas, St John, St Croix), ICA (Anguilla, St Martin, St Barthélemy, Saba, St Eustatius, Barbuda, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados, Grenada, Tobago, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-60 m. WA.

Literature: *Mithrax sculptus* - Desbonne, in Desbonne & Schramm 1867: 9, Guadeloupe - Not *Mithraculus sculptus* (Lamarck, 1818) but *Mithraculus coryphe* cf. Rathbun (1925: 426).

Mithrax (Mithraculus) coryphe - Rathbun 1921: 84, Antigua, Barbados. - Rathbun 1925: 426, St Thomas, Antigua, Barbados, Trinidad, Curaçao. - Rathbun 1933: 31, St Croix. - Rathbun 1936: 382, Bonaire, Klein Bonaire, Curaçao, Aruba. - Chace 1956: 161, Los Roques.

Mithrax coryphe - Rathbun 1924: 20, Curaçao. - Rodríguez 1980: 288, Margarita, Curaçao. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 2004: tab. 1, Tortuga.

Mithraculus coryphe - Wagner 1990: 36, St Thomas, St John, Anguilla, St Martin/Maarten, St Barts/Barthélemy, Saba, St Eustatius, Barbuda, Antigua, Guadeloupe (La Désirade), Isla de Aves, Martinique, Barbados, Grenada, Tobago, Trinidad, Bonaire, Curaçao. - García *et al.* 1998: 27, tab. 1, Isla de Aves. - Marcano & Bolaños 2001: 77, Cubagua. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2013: tab. 1, Isla de Aves, Margarita, Cubagua, Los Roques, Tortuga. - Carmona-Suárez & Poupin 2016: 370, St Martin, Guadeloupe.

Mithraculus forceps A. Milne-Edwards, 1875

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Martinique, Barbados, Tobago, Trinidad), IOV (Testigos, Coche, Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-90 m. WA.

Literature: *Mithrax forceps* - Rathbun 1920a: 29, Curaçao, Aruba. - Rathbun 1924: 20, Curaçao. - Rodríguez 1980: 288, Los Roques, Margarita, Cubagua, Coche. - Grajal & Laughlin 1984: 227, Los Roques. - Lira 2004: tab. 1, Tortuga.

Mithrax (Mithraculus) forceps - Rathbun 1921: 85, Barbados. - Rathbun 1925: 431, St Thomas, Barbados, Curaçao, Aruba. - Rathbun 1936: 382, Klein Bonaire, Curaçao, Aruba. - Monod 1939: 566, Guadeloupe. - Chace 1956: 161, Los Roques. - Türkay 1968: 254, Margarita.

Mithraculus forceps - Wagner 1990: 48, St Thomas, St Maarten/Martin, Tobago, Trinidad, Margarita, Bonaire, Aruba, Curaçao. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano & Bolaños 2001: 76, Cubagua. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2013: tab. 1, Testigos, Margarita, Cubagua, Los Roques, Tortuga. - Carmona-Suárez & Poupin 2016: 372, Saint-Martin, Guadeloupe, Martinique.

Mithraculus sculptus (Lamarck, 1818)

Distribution: VGI (St Thomas, St Croix), ICA (Anguilla, St Martin, St Barthélemy, St Eustatius, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados, Tobago), IOV (Margarita, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-55 m. WA.

Literature: *Mithrax sculptus* - H. Milne Edwards 1832: 14, Martinique. - H. Milne Edwards 1834-1840: 322, 'Habite les Antilles'. - Nobili 1898: 1, St Thomas. - Doflein 1899: 179, Martinique. - Rathbun 1920a: 29, Curaçao, Aruba. - Rathbun 1924: 20, Curaçao. - Rodríguez 1980: 288, Tortuga, Los Roques, Curaçao, Aruba. - Grajal & Laughlin 1984: 227, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 2004: tab. 1, Tortuga.

Mithrax minutus - Desbonne, in Desbonne & Schramm 1867: 10, Guadeloupe. - A. Milne-Edwards 1873-1881: 105, St Thomas, Guadeloupe, Martinique - *Mithrax minutus* Saussure, 1858 accepted as *Mithraculus sculptus* in WoRMS (2018).

Mithrax coronatus - A. Milne-Edwards 1873-1881: 106, St Thomas, Guadeloupe. - Nobili 1898: 1, St Thomas - *Mithraculus coronatus* White, 1847 accepted as *Mithraculus sculptus* in WoRMS (2018).

Mithrax (Mithraculus) sculptus - Rathbun 1921: 84, Antigua, Barbados. - Rathbun 1925: 422, St Thomas, Antigua, Barbados, Curaçao. - Rathbun 1936: 381, Klein Bonaire, Curaçao, Aruba. - Chace 1956: 161, Los Roques.

Mithraculus sculptus - Wagner 1990: 43, St Thomas, St Croix, Anguilla, St Martin/Maarten, St Eustatius, Guadeloupe, Isla de Aves, Martinique, Tobago, Bonaire, Aruba. - García *et al.* 1998: 27, Isla de Aves. - Marcano & Bolaños 2001: 77, Margarita. - Lira *et al.* 2013: tab. 1, Margarita, Tortuga, Blanquilla, Los Roques. - Questel 2014: 12, St Barthélemy. - Carmona-Suárez & Poupin 2016: 372, St Martin, Guadeloupe.

Not *Mithraculus sculptus* (Lamarck, 1818) in Desbonne (1867: 9, Guadeloupe) but *M. coryphe* cf. Rathbun (1925: 426).

Mithrax hispidus (Herbst, 1790)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados), IOV (Testigos, Coche, Margarita, Cubagua, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 1-65 m. WA.

Literature: *Mithrax hispidus* - H. Milne Edwards 1834-1840: 322, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 7, Guadeloupe. - A. Milne-Edwards 1873-1881: 93, Guadeloupe, Martinique. - Nobili 1898: 1, St Thomas. - Rathbun 1924: 20, Curaçao. - Luque *et al.* 2017: 55, Barbados [Fossil remains].

Mithrax (Mithrax) hispidus - Rathbun 1925: 406, Curaçao, Guadeloupe. - Collins & Morris 1976: 119, Barbados [Fossil remains]. - Scelzo &

Varela 1988: 37, Blanquilla. - Wagner 1990: 17, St Thomas, St Martin/Maarten, Guadeloupe, Martinique, Tobago, Bonaire, Klein Bonaire, Curaçao, Aruba. - García *et al.* 1998: 27, Isla de Aves. - Carré 2005: 23, Martinique. - Lira *et al.* 2013: tab. 1, Isla de Aves, Testigos, Margarita, Cubagua, Coche (Islote Lobos), Los Roques.

Mithrax laevimanus Desbonne, in Desbonne & Schramm, 1867: 7, Guadeloupe. - A. Milne-Edwards 1873-1881: 94, Guadeloupe [*Cette espèce ressemble beaucoup au M. hispidus ... n'a encore été trouvée que sur les côtes de la Guadeloupe*] - Accepted as *Mithrax hispidus* in WoRMS (2018).

Mithrax (Mithrax) laevimanus - Rathbun 1925: 419, Guadeloupe.

Mithrax ... - Desbonne, in Desbonne & Schramm 1867: 8, Guadeloupe [*ressemble beaucoup à M. laevimanus ... commun dans la rade de Pointe à Pitre*] - Accepted as *Mithrax hispidus* in A. Milne-Edwards (1873-1881: 93).

Mithrax depressus A. Milne-Edwards, 1875 (1873-1881): 96, Guadeloupe. - Rathbun 1920a: 28, St Martin, Curaçao. - Rathbun 1921: 83, Antigua. - Accepted as *Mithrax hispidus* in WoRMS (2018).

Mithrax caribbaeus Rathbun, 1920b: 23, St Thomas [horns longer and less truncate than in *M. hispidus*]. - Rathbun 1921: 83, Barbados. - Rathbun 1924: 20, Curaçao. - Rathbun 1925: 409, St Thomas, Barbados, Curaçao. - Rathbun 1933: 30, St Croix. - Rathbun 1936: 381, Bonaire. - Holthuis 1959: 76, St Martin. - Collins & Morris 1976: 120, Barbados [Fossil remains]. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano & Bolaños 2001: 78, Cubagua. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua - Accepted as *Mithrax hispidus* (Herbst, 1790) in WoRMS (2018).

Damithrax hispidus - Carmona-Suárez & Poupin 2016: 367, St Martin, Guadeloupe.

Remark: *Mithrax hispidus* is a species complex including *M. pleuracanthus* Stimpson, 1871 and *M. tortugae* Rathbun, 1920. These species can be difficult to recognize, especially for juveniles. Wagner (1990) considers that the two later are synonyms of *M. hispidus* while Windsor & Felder (2009) separate them by using both molecular biology and morphological characters. Generic rank of this species follows the 'Corrigendum' by Windsor & Felder (2017).



Figure 213: *Mithraculus sculptus*. Guadeloupe, KARUBENTHOS 2012, st. GM11, 1 m, MNHN-IU-2013-6619. Photo Joseph Poupin/Laure Corbari.



Figure 214: *Mithrax pleuracanthus*. Martinique 2015, coll. R. Ferry & Y. Buske. Photo Joseph Poupin.

Mithrax pleuracanthus Stimpson, 1871

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Martinique, Barbados), IOV (Blanquilla, Los Roques, Bonaire, Curaçao). 1-51 m. WA.

Literature: *Mithrax pleuracanthus* - A. Milne-Edwards 1873-1881: 95, Guadeloupe, Martinique. - Rathbun 1921: 83, Barbados. - Rathbun 1924: 20, Curaçao. - Scelzo & Varela 1988: 37, Blanquilla.

Mithrax (Mithrax) pleuracanthus - Rathbun 1925: 411, St Thomas, St Martin, Curaçao. - Rathbun 1936: 381, Bonaire. - Chace 1956: 161 Los Roques. - Lira *et al.* 2013: tab. 1, Los Roques.

Damithrax pleuracanthus - Carmona-Suárez & Poupin 2016: 368, St Martin, Guadeloupe, Martinique.

Remark: A species of the *M. hispidus* complex (see under that species). Wagner (1990) considers *Mithrax pleuracanthus* as a 'smooth' form of *M. hispidus* but the 2 species are separated by Windsor & Felder (2009). Generic rank of this species follows the 'Corrigendum' by Windsor & Felder (2017).

Mithrax tortugae (Rathbun, 1920)

Distribution: ICA (?St Martin, Guadeloupe, Martinique), IOV (Bonaire, Curaçao). No depth range, shallow water. WA.

Literature: *Mithrax (Mithrax) tortugae* - Rathbun 1924: 20, Curaçao. - Rathbun 1925: 417, Curaçao. - Rathbun 1936: 381, Bonaire.

Mithrax tortugae - Rodríguez 1980: 285, Curaçao. - Carré 2005: 23, Martinique.

Damithrax tortugae - Carmona-Suárez & Poupin 2016: 368, ?St Martin, Guadeloupe.

Remark: A species of the *M. hispidus* complex (see under that species). Generic rank of this species follows the 'Corrigendum' by Windsor & Felder (2017).

Nemausa acuticornis (Stimpson, 1871)

Distribution: VGI (St Croix, St John), ICA (Montserrat, Martinique, Barbados, St Vincent), IOV (Curaçao). 1-103 m. WA.

Literature: *Mithrax acuticornis* - A. Milne-Edwards & Bouvier 1923: 390, St Croix, St John (Flanagan Passage), Montserrat, St Vincent (Grenadines). - Rathbun 1921: 82, Barbados. - Rathbun 1924: 20, Curaçao.

Mithrax (Mithrax) acuticornis - Rathbun 1925: 388, St Croix, St John (Flanagan Passage) [probably only material examined but not the localities indicated for *Nemausa rostrata* A. Milne-Edwards, 1875, currently accepted as *N. cornuta*; see Remark].

Nemausa acuticornis - Carré 2005: 23, Martinique.

Fieldwork: *Nemausa acuticornis* - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: This species is treated as a synonym of *Nemausa cornuta* (Saussure, 1857) by Wagner (1990) but this opinion is not accepted by Felder *et al.* (2009: note n°308): 'While we adopt many of the synonymies suggested by Wagner (1990), we defer on treatment of *Nemausa acuticornis* as a junior synonym of *N. cornutus*, pending more thorough comparative study'. Similarity between *N. acuticornis* and *N. cornuta* explains why *Nemausa rostrata* A. Milne-Edwards, 1875 is synonymized with one or the other in literature.

Nemausa aff. acuticornis (Stimpson, 1871)

Distribution: ICA (Guadeloupe). 9 m. ?Only/ICA.

Literature: *Mithrax* sp. (aff. *acuticornis*) - Carmona-Suárez & Poupin 2016: 374, Guadeloupe [from KARUBENTHOS 2012, 1 female ov. 26.4 x 24.2 mm MNHN-IU-2013-4437; 1 female MNHN-IU-2013-6754].

Remark: These 2 *Mithrax* are atypically setose. They can belong to a 'setose' form of *N. acuticornis* or to a new species. Specimen MNHN-IU-2018-4437 examined by D.L. Felder, May 2018 (com. pers.), attributed to an '?atypical form of *Nonaia holderi* (Stimpson, 1871)'.

Nemausa cornuta (Saussure, 1857)

Distribution: VGI (St Croix, St John), ICA (St Martin, Montserrat, Guadeloupe, Dominica, Martinique, St Vincent, Barbados, Tobago), IOV (Margarita). <1-1 077 m (60-450 m around Guadeloupe). WA.

Literature: *Mithrax cornutus* Saussure, 1857: 501, 'Antilles'. - A. Milne-Edwards 1873-1881: 97, Martinique. - Wagner 1990: 6, St Martin/Maarten, Montserrat, Dominica, Martinique, Barbados, St Vincent (Grenadines), Tobago. - Paulmier 1993: 24, Martinique. - Poupin 1994: 41, Guadeloupe. - Gervain *et al.* 2002: 24, Guadeloupe.

Nemausa rostrata A. Milne-Edwards, 1875: 81, Martinique. - A. Milne-Edwards 1880: 2, St Croix, St John (Flanagan Passage), Montserrat, St Vincent (Grenadines) - Accepted as *Nemausa cornuta* in WoRMS (2018).

Mithrax (Mithrax) cornutus - Rathbun 1925: 386, Dominica, Martinique.

Nemausa cornutus - Carré 2005: 23, Martinique. - Lira *et al.* 2013: tab. 1, Margarita.

Nemausa cornuta - Carmona-Suárez & Poupin 2016: 374, Guadeloupe, Martinique.

Remark: A species with significant morphological variations, especially for length of the rostrum (Wagner 1990). It is affiliated to *N. acuticornis* (see under that species).

Nonaia holderi (Stimpson, 1871)

Distribution: VGI (St John, St Croix), ICA (Anguilla, Isla de Aves), IOV (Los Roques, Curaçao, Bonaire). 1-38 m. WA.

Literature: *Mithrax holderi* - Rathbun 1898: 259, St Croix, St John. - Marcano & Bolaños 2001: 78, Los Roques.

Mithrax (Mithrax) holderi - Rathbun 1925: 392, St John, St Croix. - Wagner 1990: 10, St John, Anguilla, Isla de Aves, Bonaire, Curaçao. - García *et al.* 1998: 27, Isla de Aves. - Lira *et al.* 2013: tab. 1, Isla de Aves, Los Roques.

Mithrax acuticornis - Rathbun 1924: 20, Curaçao - Not *Mithrax acuticornis* Stimpson, 1871, cf. Wagner (1990: 10).

Omalacantha antillensis (Rathbun, 1920)

Distribution: ICA (Guadeloupe), IOV (Los Roques). 1-38 m. WA.

Literature: *Microphrys platysoma* - Lira *et al.* 2013: tab. 1, Los Roques - Not *Microphrys platysoma* (Stimpson, 1860) an EP species, more probably *Microphrys antillensis* Rathbun, 1920 the WA analogous (cf. Rathbun 1925: 489).

Omalacantha antillensis - Carmona-Suárez & Poupin 2016: 374, Guadeloupe.

Omalacantha bicornuta (Latreille, 1825)

Distribution: VGI (St Thomas), ICA (St Martin, St Eustatius, Antigua, Guadeloupe, Martinique, Isla de Aves, Barbados, Trinidad), IOV

(Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-70 m. WA.

Literature: *Pericera bicorna* - H. Milne Edwards 1834-1840: 337, 'Habite les Antilles' [footnote 1, same as *Pisa bicornuta* Latreille].

Pisa galibica Desbonne, in Desbonne & Schramm, 1867: 18, Guadeloupe - Accepted as *Omalacantha bicornuta* in WoRMS (2018).

Pisa purpurea Desbonne, in Desbonne & Schramm, 1867: 18, Guadeloupe - Accepted as *Omalacantha bicornuta* in WoRMS (2018).

Pericera bicornis Saussure, 1857: 501, 'Antilles' - Accepted as *Omalacantha bicornuta* in WoRMS (2018).

Microphrys bicornutus - A. Milne-Edwards 1873-1881: 61, 'Antilles' - Nobili 1898: 1, St Thomas. - Rathbun 1924: 21, Curaçao. - Rathbun 1920a: 29, St Eustatius, Curaçao. - Rathbun 1921: 85, Antigua, Barbados. - Rathbun 1925: 489, St Thomas, St Eustatius, Barbados, Curaçao, Trinidad. - Rathbun 1936: 382, Bonaire, Klein Bonaire, Curaçao, Aruba. - Chace 1956: 162, Los Roques. - Rodríguez 1980: 293, Los Roques, Margarita, Cubagua. - Grajal & Laughlin 1984: 227, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano & Bolaños 2001: 80, Cubagua. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2013: tab. 1, Isla de Aves, Margarita (Islote Lobos, Los Frailes), Cubagua, Blanquilla, Tortuga, Los Roques. - Carmona-Suárez & Poupin 2016: 375, St Martin, Guadeloupe, Martinique.

Omalacantha interrupta (Rathbun, 1920)

Distribution: ICA (Antigua, Barbados), IOV (Margarita). 1-50 m. WA.

Literature: *Microphrys interruptus* - Rathbun 1921: 86, Antigua, Barbados. - Rathbun 1925: 504, Antigua, Barbados. - Lira *et al.* 2013: 52, Margarita.

Pitho aculeata (Gibbes, 1850)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Guadeloupe), IOV (Margarita, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-4 m, to ?69 m (38 brasses = 69 m in A. Milne-Edwards & Bouvier 1923: 395). WA.

Literature: *Othonia aculeata* - A. Milne-Edwards 1873-1881: 115, St Thomas. - A. Milne-Edwards 1880: 2, St Croix.



Figure 215: *Omalacantha bicornuta*. Guadeloupe, KARUBENTHOS 2012, st. GM10, 1 m, 1 ♂ MNHN-IU-2013-6622. Photo Joseph Poupin/Laure Corbari.

Pitho aculeata - A. Milne-Edwards & Bouvier 1923: 395, St Croix [R/V Blake, st. 127, 38 brasses = 69 m]. - Rathbun 1920a: 30, Curaçao, Aruba. - Rathbun 1924: 19, Curaçao. - Rathbun 1925: 357, St Thomas, Guadeloupe, Curaçao, Aruba. - Rathbun 1936: 381, Bonaire. - Chace 1956: 160, Los Roques. - Rodríguez 1980: 274, Los Roques, Bonaire, Curaçao, Aruba. - Marcano & Bolaños 2001: 74, Los Roques. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Carmona-Suárez & Poupin 2016: 376, St Martin, Guadeloupe.

Pitho anisodon (von Martens, 1872)

Distribution: ICA (Guadeloupe), IOV (Curaçao). 1-22 m. WA.

Literature: *Pitho anisodon* - Rathbun, 1920a: 30, Curaçao. - Rathbun, 1925: 368, Guadeloupe, Curaçao. - Rodríguez, 1980: 276, Guadeloupe, Curaçao.

Pitho dispar Rathbun, 1925

Distribution: VGI (St Thomas). No depth range, probably shallow water. Only/Antilles.

Literature: *Othonia quinquentata* - Aurivillius 1889: 56, St Thomas - Probably not *Pitho quinquentata* Bell, 1835 but *P. dispar* instead cf. Rathbun (1925: 374).

Pitho dispar Rathbun, 1925: 374, St Thomas.

Pitho laevigata (A. Milne-Edwards, 1875)

Distribution: ICA (Guadeloupe, Trinidad), IOV (Margarita, Cubagua, Tortuga). 1-11 m. WA.

Literature: *Othonia laevigata* A. Milne-Edwards, 1875 (1873-1881): 116, 'Antilles' [un exemplaire fort incomplet ... provenant des Antilles].

Pitho laevigata - Rathbun 1925: 372, Trinidad. - Rodríguez 1980: 276, Trinidad. - Lira 2004: tab. 1, Tortuga. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano & Bolaños 2001: 74, Cubagua. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Carmona-Suárez & Poupin 2016: 376, Guadeloupe.

Pitho iherminieri (Desbonne, in Desbonne & Schramm, 1867)

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe, Martinique), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao).



Figure 216: *Pitho iherminieri*. Guadeloupe, KARUBENTHOS 2012, st. GD41, 2 m, 1 ♂ MNHN-IU-2013-5058. Photo Carlos Carmona-Suárez.

Literature: *Othonia lherminieri* Desbonne, in Desbonne & Schramm, 1867: 20, Guadeloupe. - A. Milne-Edwards 1873-1881: 116, St Thomas, Guadeloupe.

Pitho lherminieri - Rathbun 1920a: 30, Curaçao. - Rathbun 1925: 362, St Thomas, St Croix, Guadeloupe, Martinique. - Rathbun 1936: 381, Bonaire. - Monod 1939: 566, Guadeloupe. - Chace 1956: 160, Los Roques. - Rodríguez 1980: 275, Margarita, Los Roques. - Hernández *et al.* 1999: tab. 2, Margarita. - Marcano & Bolaños 2001: 74, Cubagua. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Carmona-Suárez & Poupin 2016: 376, Guadeloupe.

Pitho mirabilis (Herbst, 1794)

Distribution: ICA (St Martin, Antigua, Guadeloupe), IOV (Bonaire, Curaçao). No depth range, shallow water. WA.

Literature: *Pitho mirabilis* - Rathbun 1921: 88, Antigua. - Rathbun 1925: 366, Guadeloupe. - Rathbun 1936: 381, Bonaire. - Rodríguez 1980: 273, Guadeloupe, Curaçao. - Carmona-Suárez & Poupin 2016: 376, St Martin, Guadeloupe.

Teleophrys ornatus Rathbun, 1901

Distribution: VGI (St Croix). 7-44 m. WA.

Literature: *Teleophrys ornatus* - Rathbun 1925: 444, St Croix.

Teleophrys pococki Rathbun, 1924

Distribution: IOV (Bonaire, Curaçao). 1-27 m. WA.

Literature: *Teleophrys cristulipes* Stimpson - Rathbun 1924: 21, Curaçao - Not *Teleophrys cristulipes* Stimpson, 1860 the EP analogous of *Teleophrys pococki*, cf. Rathbun (1925: 440).

Teleophrys pococki - Rathbun 1925: 443, Curaçao. - Rathbun 1936: 382, Bonaire. - Rodríguez 1980: 289, Curaçao.

Teleophrys ruber (Stimpson, 1871)

Distribution: VGI (St Thomas, St John), ICA (St Martin, St Eustatius, Antigua, Guadeloupe, Martinique, Isla de Aves, Barbados, Tobago),

IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). 1-46 m. WA.

Literature: *Mithraculus nudus* A. Milne-Edwards, 1875 (1873-1881): 110, pl. 23, fig. 2, Guadeloupe - Accepted as *Teleophrys ruber* in WoRMS (2018).

Mithrax ruber - Rathbun 1924: 21, Curaçao. - Chace 1956: 161, Los Roques. - Rodríguez 1980: 289, Los Roques, Curaçao.

Mithrax (Mithraculus) ruber - Rathbun 1921: 85, Barbados. - Rathbun 1925: 432, St Thomas, Antigua, Guadeloupe, Barbados, Curaçao. - Rathbun 1936: 382, Bonaire, Klein Bonaire, Curaçao. - Collins & Morris 1976: 120, Barbados [Fossil remains].

Mithraculus ruber - Wagner 1990: 53, St John, St Maarten/Martin, St Eustatius, Guadeloupe, Tobago, Bonaire, Curaçao. - García *et al.* 1998: tab. 1, Isla de Aves. - Marcano & Bolaños 2001: 76, Los Roques. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Lira *et al.* 2013: tab. 1, Isla de Aves, Margarita (Los Frailes), Cubagua, Los Roques.

Teleophrys ruber - Carmona-Suárez & Poupin 2016: 378, St Martin, Guadeloupe, Martinique. - Luque *et al.* 2017: 55, Barbados [Fossil remains].

Thoe puella Stimpson, 1860

Distribution: VGI (St Thomas), ICA (St Martin, Antigua, Guadeloupe, Isla de Aves), IOV (Tortuga, Los Roques, Bonaire, Curaçao). 1-27 m. WA.

Literature: *Pisa latipes* Desbonne, in Desbonne & Schramm, 1867: 19, Guadeloupe - Accepted as *Thoe puella* in WoRMS (2018).

Thoe puella - A. Milne-Edwards 1873-1881: 122, Guadeloupe. - Rathbun 1921: 82, Antigua. - Rathbun 1924: 19, Curaçao. - Rathbun 1925: 348, St Thomas, Curaçao. - Rathbun 1936: 380, Bonaire. - Rodríguez 1980: 277, Bonaire, Curaçao. - García *et al.* 1998: tab. 1, Isla de Aves. - Marcano & Bolaños 2001: 76, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Lira *et al.* 2013: tab. 1, Isla de Aves, Tortuga, Los Roques. - Carmona-Suárez & Poupin 2016: 378, St Martin, Guadeloupe.

Superfamily Palicoidea Bouvier, 1898

Family Palicidae Bouvier, 1898

Palicus affinis (A. Milne-Edwards & Bouvier, 1880)

Distribution: VGI (St Thomas, St Croix), ICA (Barbados). 20-214 m. WA.

Literature: *Palicus affinis* - A. Milne-Edwards & Bouvier 1902: 47, St Croix.

Palicus Agassizi - A. Milne-Edwards & Bouvier, 1902: 47, Barbados - *Palicus Agassizi* (A. Milne-Edwards & Bouvier, 1899) accepted as *Palicus affinis* cf. Rathbun (1918: 196).

Cymopolia affinis - Rathbun 1918: 196, St Thomas, St Croix, Barbados. - Rathbun 1921: 76, Barbados. - Rathbun 1933: St Thomas, St Croix.

Palicus angustus Rathbun, 1897

Distribution: VGI (St Croix). 214 m. Only/VGI.

Literature: *Palicus angustus* Rathbun, 1897b: 97, St Croix.

Cymopolia angusta - Rathbun 1933: 86, St Croix ['Only known locality'].



Figure 217: *Teleophrys ruber*. Guadeloupe, KARUBENTHOS 2012, st. GR03, 6 m, 1 ♂ specimen not retrieved. Photo Joseph Poupin/Laure Corbari.

***Palicus bahamensis* Rathbun, 1897**

Distribution: ICA (Barbados). ?73-640 m. WA.

Literature: *Palicus bahamensis* - Rathbun 1898: 280, Barbados.
Cymopolia bahamensis - Rathbun 1921: 77, Barbados.

***Palicus cristatipes* (A. Milne-Edwards, 1880)**

Distribution: ICA (Grenada). 159-175 m. WA.

Literature: *Cymopolia cristatipes* A. Milne-Edwards, 1880: 28, Grenada. - Rathbun 1918: 186, Grenada.
Palicus cristatipes - A. Milne-Edwards & Bouvier 1902: 42, Grenada.

***Palicus cursor* (A. Milne-Edwards, 1880)**

Distribution: ICA (St Kitts, Dominica, Barbados). 185-650 m. WA.

Literature: *Cymopolia dilata* A. Milne-Edwards, 1880: 28, St Kitts - Accepted as *Palicus cursor* in WoRMS (2018).
Cymopolia cursor A. Milne-Edwards, 1880: 29, St Kitts, Dominica, Barbados.
Palicus cursor - A. Milne-Edwards & Bouvier 1902: 64, St Kitts, Dominica, Barbados.
Cymopolia cursor - Rathbun 1918: 215, St Kitts, Dominica, Barbados.

***Palicus dentatus* (A. Milne-Edwards, 1880)**

Distribution: VGI (St Croix), ICA (Barbados). 28-481 m. WA.

Literature: *Cymopolia dentata* A. Milne-Edwards, 1880: 28, St Croix, Barbados. - Rathbun 1918: 202, Barbados.
Palicus dentatus - A. Milne-Edwards & Bouvier 1902: 53, St Croix, Barbados.

***Palicus depressus* Rathbun, 1897**

Distribution: VGI (St Croix), ICA (Dominica, Barbados). 103-463 m. WA.

Literature: *Palicus depressus* Rathbun, 1897b: 97, St Croix, Dominica, Barbados.
Cymopolia depressa - Rathbun 1933: 86, St Croix, Dominica.

***Palicus faxoni* Rathbun, 1897**

Distribution: ICA (Guadeloupe). 59-214 m. WA.

Literature: *Palicus faxoni* - Poupin & Corbari 2016: 80, Guadeloupe.

***Palicus gracilipes* (A. Milne-Edwards, 1880)**

Distribution: ICA (St Kitts, Montserrat, Grenada). 112-545 m. WA.



Figure 218: *Palicus faxoni*. Guadeloupe, KARUBENTHOS 2015, st. DW4592, 214-201 m, MNHN-IU-2013-19020. Photo Joseph Poupin.

Literature: *Cymopolia gracilipes* A. Milne-Edwards, 1880: 29, Montserrat, Grenada. - Rathbun 1918: 231, St Kitts (St Christopher), Montserrat, Grenada.

Palicus gracilipes - A. Milne-Edwards & Bouvier 1902: 59, Montserrat, Grenada.

***Palicus gracilis* (Smith, 1883)**

Distribution: ICA (Guadeloupe), IOV (Curaçao). 183-686 m. WA.

Literature: *Cymopolia gracilis* - Rathbun 1918: 218, Curaçao.
Palicus gracilis - Poupin & Corbari 2016: 82, Guadeloupe.

***Palicus rathbuni* A. Milne-Edwards & Bouvier, 1899**

Distribution: VGI (St Thomas), ICA (Guadeloupe, Barbados). 12-130 m. WA.

Literature: *Palicus rathbuni* - A. Milne-Edwards & Bouvier 1902: 50, Barbados.
Cymopolia rathbuni - Rathbun 1918: 198, St Thomas, Barbados. - Rathbun 1933: 85, St Thomas.

Fieldwork: *Palicus rathbuni* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 female 3.8x4.3 mm (length of P3 8.3 mm), MNHN-IU-2013-16276, st. GD05, 80 m; 2 males, MNHN-IU-2013-16275, st. GS06, 23 m (also st. GD01, 80 m, from photo only, specimen not retrieved in MNHN).

***Palicus sicus* (A. Milne-Edwards, 1880)**

Distribution: VGI (St Croix), ICA (St Kitts, Guadeloupe, Dominica, Barbados, Grenada). 27-622 m. WA.

Literature: *Cymopolia sica* A. Milne-Edwards, 1880: 29, St Croix, Dominica, Barbados, Grenada. - Rathbun 1918: 208, St Croix, St Kitts (St Christopher), Barbados, Grenada. - Rathbun 1921: 77, Barbados. - Rathbun 1933: 85, St Croix, Barbados.
Palicus sica - Rathbun 1897b: 97, St Kitts, Barbados, Grenada.
Palicus sicus - A. Milne-Edwards & Bouvier 1902: 56, Barbados, Grenada. - Poupin & Corbari 2016: 82, Guadeloupe.

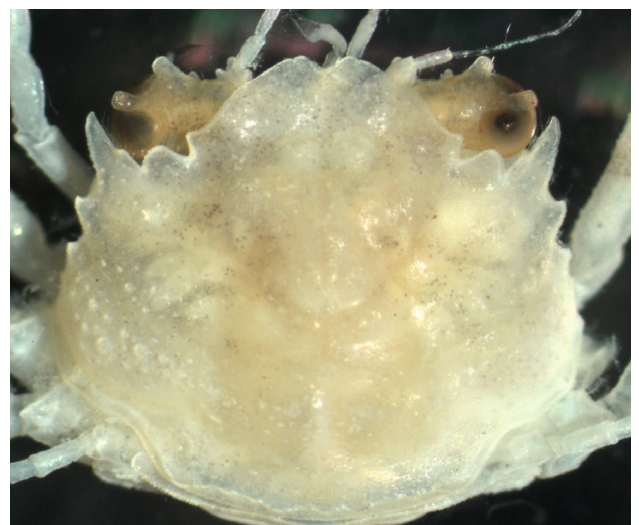


Figure 219: *Palicus rathbuni*. Guadeloupe, KARUBENTHOS 2012, st. GD05, 80 m, 1 ♀ 3.8x4.3 mm, MNHN-IU-2013-16276. Photo Joseph Poupin.

Superfamily Parthenopoidea MacLeay, 1838

Family Parthenopidae MacLeay, 1838

Celatopesia concava (Stimpson, 1871)

Distribution: VGI (St Thomas), ICA (Guadeloupe, St Vincent). 7-208/210 m. WA.

Literature: *Cryptopodia concavata* - Rathbun 1925: 553, St Thomas. - Gore & Scotto 1979: 15, St Vincent.

Celatopesia concavata - Poupin & Corbari 2016: 82, Guadeloupe.

Costalambrus tommasii (Rodrigues da Costa, 1959)

Distribution: IOV (Margarita). 1-15 m. WA (continental).

Literature: *Heterocrypta tommasii* - Bolaños *et al.* 2006: 131, Margarita.

Heterocrypta granulata (Gibbes, 1850)

Distribution: VGI (St Thomas), ICA (Guadeloupe). 4-137 m. WA

Literature: *Cryptopodia granulata* - Stimpson 1860: 202, St Thomas.

Heterocrypta granulata - A. Milne-Edwards 1873-1881: 166, St Thomas. - Rathbun 1925: 555, St Thomas. - Gore & Scotto 1979: 19, St Thomas.

Fieldwork: *Heterocrypta granulata* - Guadeloupe, KARUBENTHOS 2012 (3-80 m), det. E. Macpherson, Besse 2013; 1 sp. MNHN-IU-2013-4807, st. GD16, 10 m; 1 sp. MNHN-IU-2013-4871, st. GD45, 2 m; 1 sp. MNHN-IU-2013-4810, st. GD49, 3 m; 1 sp. MNHN-IU-2013-4797, st. GD50, 22 m; 1 sp. MNHN-IU-2013-4898, st. GD52, 6 m; 1 sp. MNHN-IU-2013-4950, st. GD53, 4 m; 1 sp. MNHN-IU-2013-4884, st. GD57, 6 m; 1 sp. MNHN-IU-2013-4933, st. GD61, 80 m; 1 sp. MNHN-IU-2013-4825, st. GM26, 1 m; 1 sp. MNHN-IU-2013-4799, st. GS10, 23 m.

Heterocrypta lapidea Rathbun, 1901

Distribution: VGI (St Thomas). 1-20 m. WA.

Literature: *Heterocrypta lapidea* - Rathbun 1925: 559, St Thomas.

Leiolambrus nitidus Rathbun, 1901

Distribution: VGI, ICA (Guadeloupe), IOV (Margarita, Cubagua). 7-73 m. WA.

Literature: *Leiolambrus nitidus* - Gore & Scotto 1979: 34, 35 Virgin Is, Margarita. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldwork: *Leiolambrus nitidus* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013; 3 spp MNHN-IU-2013-4817, st. GD48, 27 m.

Leiolambrus punctatissimus (Owen, 1839)

Distribution: IOV (?Cubagua). 22-112 m. ?WA-EP (an EP species, doubtful in WA).

Literature: *Leiolambrus punctatissimus* - Hernández-Ávila *et al.* 2007: appendix, Cubagua [This record based on a technical report, not consulted herein].

Remark: *Leiolambrus punctatissimus* is an EP species with *Leiolambrus nitidus* as analogous species in WA (cf. Rathbun, 1925: 543). WA record (Cubagua) of *L. punctatissimus* must be confirmed (? invasive species).

Mesorhoea sexspinosa Stimpson, 1871

Distribution: VGI (St John), ICA (Guadeloupe, Grenada), IOV (Testigos). 2-329 m). WA.

Literature: *Solenolambrus fastigatus* - A. Milne-Edwards 1880: 5, St John (Flanagan Passage). - A. Milne-Edwards & Bouvier 1923: 357, St John (Norman).

Mesorhoea sexspinosa - Monod 1939: 566, Guadeloupe. - Gore & Scotto 1979: 32, St John (Flanagan Passage). - Bullis & Thompson 1965 : 13, between Grenada, Testigos [R/V *Oregon*, st. 2772, 180 fathoms, 329 m].

Fieldwork: *Mesorhoea sexspinosa* - Guadeloupe, KARUBENTHOS 2012 (4-150 m), det. E. Macpherson, Besse 2013, 1 sp. MNHN-IU-2013-4878, st. GD29, 4 m; 1 sp. MNHN-IU-2013-4813, st. GD50, 22 m; 1 sp. MNHN-IU-2013-4827, st. GN14, 150 m.

Mimilambrus wileyi Williams, 1979

Distribution: ICA (Tobago), IOV (Margarita, Coche). 1-32 m. WA (only ICA/IOV and Venezuelan coast).

Literature: *Mimilambrus wileyi* Williams, 1979: 400, Tobago. - Ng & Rodríguez 1986: 89, off Margarita, Coche.

Parthenope agona (Stimpson, 1871)

Distribution: VGI (St Croix), ICA (Guadeloupe, Barbados, Grenada, Trinidad), IOV (Testigos, Margarita, Cubagua). 46-391 m. WA.

Literature: *Lambrus agonus* - A. Milne-Edwards 1880: 4, St Croix, Barbados. - A. Milne-Edwards & Bouvier 1923: 354, St Croix, Barbados.

Parthenope (Parthenope) agonus - Rathbun 1925: 513, Trinidad. - Bullis & Thompson 1965 : 13, between Grenada, Testigos [R/V *Oregon*, st. 2772]. - Türkay 1968: 254, Margarita. - Gore & Scotto 1979: 39, Barbados, Trinidad, Margarita. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Parthenope agona - Poupin & Corbari 2016: 83, Guadeloupe.

Remark: Specimens examined from Guadeloupe in Poupin & Corbari (2016) show some variation in the length of spines on the carapace and legs but in the range of variations illustrated in Gore & Scotto (1979: fig. 18).



Figure 220: *Leiolambrus nitidus*. Guadeloupe, KARUBENTHOS 2012, st. GD48, 27 m, 1 ♂ 6.9×11.2 mm, MNHN-IU-2013-4817. Photo Joseph Poupin.

Platylambrus granulatus (Kingsley, 1879)

Distribution: ICA (Guadeloupe, Martinique). 10-824 m. WA.

Fieldworks: *Platylambrus granulatus* - Guadeloupe; KARUBENTHOS 2012 (3-160 m), det. E. Macpherson, Besse 2013; 1 sp. MNHN-IU-2013-4822, st. GD01, 80 m; 1 sp. MNHN-IU-2013-4829, 1 sp. MNHN-IU-2013-5275, st. GD02, 80 m; 1 sp. MNHN-IU-2013-4803, st. GD08, 35 m; 2 spp. MNHN-IU-2013-4941, st. GD15, 50 m; 1 sp. MNHN-IU-2013-5051, 1 sp. MNHN-IU-2013-4808, st. GD16, 10 m; 1 sp. MNHN-IU-2013-4890, st. GD25, 160 m; 1 sp. MNHN-IU-2013-4899, st. GD31, 85 m; 1 sp. MNHN-IU-2013-5302, st. GD34, 80 m; 1 sp. MNHN-IU-2013-6751, 1 sp. MNHN-IU-2013-4892, 1 sp. MNHN-IU-2013-4806, st. GD37, 60 m; 1 sp. MNHN-IU-2013-4805, st. GD43, 4 m; 1 sp. MNHN-IU-2013-4811, st. GD46, 10 m; 1 sp. MNHN-IU-2013-5050, 1 sp. MNHN-IU-2013-4820, st. GD48, 27 m; 2 spp. MNHN-IU-2013-6752, 1 sp. MNHN-IU-2013-4873, st. GD50, 22 m; 1 sp. MNHN-IU-2013-4881, 1 sp. MNHN-IU-2013-4882, st. GD55, 85 m; 1 sp. MNHN-IU-2013-4889, st. GD71, 3 m; 1 sp. MNHN-IU-2013-4812, st. GN14; 2 spp. MNHN-IU-2013-4888, st. GN14, 150 m; 1 sp. MNHN-IU-2013-4934, st. GS28, 5 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin (male pleopod checked with Gore & Scotto (1979), to separate this specimen from *P. serratus*).

Remark: This species buries in the sediment. In Guadeloupe it was mostly collected by dredges during KARUBENTHOS 2012, between 3-160 m. It seems to be common there although no previous records were retrieved for Lesser Antilles before KARUBENTHOS 2012. It is closely affiliated to *Platylambrus serratus* (H. Milne Edwards, 1834) and Gore (1977) and Gore & Scotto (1979) must be consulted to tell the two species apart, including examination of male pleopod. It is strange that all previous records in Lesser Antilles are of *P. serratus* with none of *P. granulatus*. It is possible that the 2 species have been previously confused in the region.



Figure 221 : *Platylambrus granulatus*. Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin. Photo Joseph Poupin.

Platylambrus serratus (H. Milne Edwards, 1834)

Distribution: VGI (St Thomas, St John), ICA (Guadeloupe, Martinique, Grenada), IOV (Testigos, Margarita, Los Roques, Curaçao). 2-329 m. WA.

Literature: *Lambrus crenulatus* Saussure, 1857: 501, 'Antilles'. - Desbonne, in Desbonne & Schramm 1867: 21, Guadeloupe - Accepted as *Platylambrus serratus* in WoRMS (2018).

Lambrus melanodactylus Desbonne, in Desbonne & Schramm, 1867: 21, Guadeloupe - Accepted as *Platylambrus serratus* in WoRMS (2018).

Platylambrus serratus - A. Milne-Edwards 1880: 5, St John (Flanagan Passage) - A. Milne-Edwards 1873-1881: 156, Guadeloupe. - A. Milne-Edwards & Bouvier 1923: 355, St John (Flanagan Passage). - Paulmier 1993: 26, Guadeloupe, Martinique.

Parthenope (Platylambrus) serrata - Rathbun 1920a: 30, Curaçao. - Rathbun 1925: 516, St Thomas, Guadeloupe, Curaçao [Rathbun table p. 518 is corrected by Gore (1977: appendix 1) with some records being of *P. granulatus* instead]. - Chace 1956: 162, Los Roques. - Bullis & Thompson 1965: 13, between Grenada, Testigos [RV *Oregon*, st. 2772, 180 fathoms, 329 m]. - Türkay 1968: 251, Margarita. - Gore 1977, appendix 2, St Thomas, Los Roques.

Remark: This species has probably been confused sometime with *Platylambrus granulatus* (Kingsley, 1879). See Remark under *P. granulatus*.

Solenolambrus decemspinus Rathbun, 1894

Distribution: ICA (Guadeloupe). 14-367 m (in Poupin & Corbari 2016). WA.

Literature: *Solenolambrus decemspinus* - Poupin & Corbari 2016: 83, Guadeloupe.

Solenolambrus tenellus Stimpson, 1871

Distribution: VGI (St Croix), ICA (Guadeloupe, St Vincent, Barbados). 55-366 m. WA.

Literature: *Pisolambrus nitidus* A. Milne-Edwards, 1878: 158, Barbados. - A. Milne-Edwards 1880: 5, St Croix, St Vincent, Barbados.

Solenolambrus tenellus - Rathbun 1921: 80, Barbados. - A. Milne-Edwards & Bouvier 1923: 357, St Croix, St Vincent, Barbados. - Rathbun 1925: 541, Barbados. - Chace 1940, 53, St Vincent. - Gore & Scotto 1979: 23, St Croix, St Vincent, Barbados.

Fieldwork: *Solenolambrus tenellus* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, MNHN-IU-2013-4937, st. GD31, 85 m.

Solenolambrus typicus Stimpson, 1871

Distribution: VGI (St Croix), ICA (Guadeloupe, St Lucia, St Vincent, Tobago). 23-618 m (23 m from Poupin & Corbari, 2016). WA.



Figure 222 : *Solenolambrus typicus*. Guadeloupe, KARUBENTHOS 2015, st. DW4613, 210-240 m, MNHN-IU-2013-19076. Photo Joseph Poupin.

Literature: *Solenolambrus typicus* - A. Milne-Edwards 1880: 5, St Croix, Guadeloupe, St Lucia, St Vincent. - A. Milne-Edwards & Bouvier 1923: 356, St Croix, Guadeloupe, St Lucia, St Vincent. - Gore & Scotto 1979: 27, Guadeloupe, St Lucia, St Vincent (Grenadines), Tobago [see fig. 32]. - Poupin & Corbari 2016: 84, Guadeloupe.

Remark: Gore & Scotto (1979: 28) indicate spinose variations in this species and consider that *Solenolambrus portoricensis* Rathbun, 1924, from Puerto Rico, and *S. decemspinus* (see Remark for that species) are potentially conspecific.

Spinolambrus fraterculus (Stimpson, 1871)

Distribution: ICA (Guadeloupe, Barbados), IOV (Cubagua). 4-201 m. WA.

Literature: *Parthenope (Platylambrus) fraterculus* - Rathbun 1921: 80, Barbados. - Rathbun 1925: 525, Barbados.

Spinolambrus fraterculus - Lira *et al.* 2015: 157, Cubagua.

Fieldwork: *Spinolambrus fraterculus* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, 1 sp. MNHN-IU-2013-4447, st. GD28, 110 m; 1 sp. MNHN-IU-2013-4877, st. GD29, 4 m.

Spinolambrus pourtalesii (Stimpson, 1871)

Distribution: VGI (St John), ICA (Guadeloupe, Grenada). 18-622 m. WA.

Literature: *Lambrus pourtalesi* - A. Milne-Edwards 1880: 4, St John (Flanagan Passage), Grenada. - A. Milne-Edwards & Bouvier 1923: 354, St John (Norman), Grenada.

Fieldwork: *Spinolambrus pourtalesii* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, 2 spp. MNHN-IU-2013-5273, st. GD02, 80 m; 1 sp. MNHN-IU-2013-4932, st. GD26, 60 m; 1 sp. MNHN-IU-2013-4897, st. GD33, 130 m; 1 sp. MNHN-IU-2013-4895, st. GD59, 88 m.

Thyrolambrus astroides Rathbun, 1894

Distribution: ICA (Guadeloupe). 50-370 m. WA.

Fieldwork: *Thyrolambrus astroides* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, 1 sp. MNHN-IU-2013-4815, st. GB03, 22 m.

Remark: The analogous species in EP is *Thyrolambrus efflorescens* (Alcock, 1895).



Figure 223: *Thyrolambrus astroides*. Guadeloupe, KARUBENTHOS 2012, st. GB03, 22 m, MNHN-IU-2013-4815, 1 ♂ 9x11 mm. Photo Joseph Poupin.

Tutankhamen cristatipes (A. Milne-Edwards, 1880)

Distribution: ICA (St Vincent). 227-366. WA.

Literature: *Mesorhoea cristatipes* A. Milne-Edwards, 1880: 5, St Vincent. - A. Milne-Edwards 1880: 352, St Vincent. - A. Milne-Edwards & Bouvier 1923: 359, St Vincent.

Tutankhamen cristatipes - Rathbun 1925: 531, St Vincent. - McLay & Tan 2009: 40, St Vincent [Holotype male 16.9x13.5 mm (MCZ 8943), with good photograph of the type specimen].

Superfamily Pilumnoidea Samouelle, 1819

Family Pilumnidae Samouelle, 1819

Lobopilumnus agassizii (Stimpson, 1871)

Distribution: ICA (Isla de Aves, Trinidad), IOV (Tortuga). 1-51 m. WA.

Literature: *Lobopilumnus agassizii* - Rathbun 1930: 526, Trinidad. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga.

Pilumnus caribaeus Desbonne, in Desbonne & Schramm, 1867

Distribution: VGI (St Thomas), ICA (Guadeloupe, Martinique, Barbados), IOV (Cubagua, Los Roques, Curaçao). 1-55 m. WA.

Literature: *Pilumnus caribaeus* Desbonne, in Desbonne & Schramm 1867: 32, Guadeloupe. - A. Milne-Edwards 1873-1881: 284, Guadeloupe. - Rathbun 1921: 72, Barbados. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 491, St Thomas, Guadeloupe, Curaçao. - Rathbun 1933: 71, St Thomas. - Chace 1956: 157, Los Roques. - Rodríguez 1980: 367, Los Roques, Curaçao. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Pilumnus caribaeus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 female ov. 14.5x18.9 mm MNHN-IU-2013-14497, st. GD16, 10 m (see Remark). - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: This species can be confused with *Pilumnus longleyi* Rathbun, 1930 and *P. sayi* Rathbun, 1897. Determination of ovigerous female MNHN-IU-2013-14497, KARUBENTHOS 2012, st. GD16, is based on Rathbun (1930: 502) with anterolateral spines of carapace as '5 spines, with the second insignificant and 3, 4, 5 equal with stout spinulose bases' and ambulatory legs armed



Figure 224: *Pilumnus caribaeus*. Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin. Photo Joseph Poupin.

only on dorsal margin of the carpus. Several other specimens from Guadeloupe (KARUBENTHOS 2012) were attributed to *P. ?caribaeus* because of juvenile aspects.

Pilumnus dasypodus Kingsley, 1879

Distribution: VGI (St Thomas, St John), ICA (Guadeloupe, Martinique), IOV (Margarita, Cubagua, Tortuga, Curaçao). 1-52 m. WA.

Literature: *Pilumnus vinaceus* A. Milne-Edwards, 1880 (1873-1881): 283, Martinique. - Doflein 1899: 179, Martinique - Accepted as *Pilumnus dasypodus* in WoRMS (2018).

Pilumnus dasypodus - Nobili 1898: 2, St Thomas. - A. Milne-Edwards & Bouvier 1923: 320, Martinique. - Rathbun 1930: 493, St Thomas, St John, Martinique, Curaçao. - Rathbun 1933: 72, St Thomas, St John. - Rodríguez 1980: 367, Curaçao. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldwork: *Pilumnus dasypodus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 male 5.8x7.8 mm (photo pleopod), 1 male, 1 female ov., MNHN-IU-2013-16323, st. GM 11 (or GM 05), 1 m; 1 female 3.7x4.9 mm, 8 juv., MNHN-IU-2013-16325, st. GM 11 (or GM 05), 1 m; 1 juv MNHN-IU-2013-16324, st. GB01, 6 m.

Pilumnus floridanus Stimpson, 1871

Distribution: VGI (St Thomas), ICA (Barbados), IOV (Los Roques, Curaçao). 1-143 m. WA.

Literature: *Pilumnus floridanus* - Rathbun 1921: 74, Barbados. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 507, St Thomas. - Rathbun 1933: 72, St Thomas. - Chace 1956: 157, Los Roques. - Rodríguez 1980: 366, Los Roques.

Pilumnus gemmatus Stimpson, 1860

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Martinique), IOV (Cubagua, Tortuga, Curaçao). 1-42 m. WA.

Literature: *Pilumnus gemmatus* Stimpson, 1860: 214, St Thomas. - A. Milne-Edwards 1873-1881: 290, St Thomas. - Nobili 1898: 2, St Thomas. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 513, St Thomas, Curaçao. - Rathbun 1933: 72, St Thomas, Curaçao. - Rodríguez 1980: 368, Curaçao. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Pilumnus gemmatus* - Saint-Martin, RNN Inventory 10/04/2012, UF31889, photo Dstm_0706; 22/04/2012, UF32447, photo Dstm_6929 - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 female ov. 8.9x11.5 mm MNHN-IU-2013-14558, st GB12, 14 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin November 2015.

Pilumnus gracilipes A. Milne-Edwards, 1880

Distribution: ICA (?Guadeloupe, Barbados). 164-264 m. Only/ICA.

Literature: *Pilumnus gracilipes* A. Milne-Edwards, 1880 (1873-1881): 288, Barbados. - A. Milne-Edwards 1880: 13, Barbados. - A. Milne-Edwards & Bouvier 1923: 321, Barbados. - Rathbun 1930: 499, Barbados.

Pilumnus ?gracilipes - Poupin & Corbari 2016: 84, Guadeloupe [Photo det., based on dactyls of ambulatory legs remarkably long, to be checked with specimens in MNHN-IU-2013-19019, 19023, 19182].

Pilumnus holosericus Rathbun, 1898

Distribution: VGI (St Thomas, St John), ICA (Trinidad), IOV (Bonaire, Curaçao, Aruba). 1-3 m. WA.

Literature: *Pilumnus holosericus* Rathbun, 1898: 268, St Thomas, St John. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 519, St Thomas, St John, Trinidad, Curaçao. - Rathbun 1933: 73, St Thomas, St John. - Rathbun 1936: 386, Bonaire, Klein Bonaire, Aruba, Curaçao.

Pilumnus lacteus Stimpson, 1871

Distribution: IOV (Cubagua). 1-32 m. WA.

Literature: *Pilumnus lacteus* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Pilumnus longleyi Rathbun, 1930

Distribution: IOV (Cubagua). 1-4 m. WA.

Literature: *Pilumnus longleyi* - Lira *et al.* 2015: 157, Cubagua.

Pilumnus marshi Rathbun, 1901

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe). 1-37 m. WA.

Literature: *Pilumnus marshi* - Rathbun 1930: 499, St Thomas. - Rathbun 1933: 72, St Thomas, St Croix.

Fieldwork: *Pilumnus marshi* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin (with Rathbun 1930: 499, key and description) October 2013, 1 female 7.6x9.5 mm, 1 female 6.4x8.0 mm MNHN-IU-2013-14559, st. GB33, 50 m; 1 juv. MNHN-IU-2013-16322, st. GD35, 66 m.

Pilumnus miersii A. Milne Edwards, 1880

Distribution: VGI (St Thomas). Depth range unknown, ?shallow water. Only/VGI.

Literature: *Pilumnus miersii* A. Milne-Edwards, 1880 (1873-1881): 292, 'Cette espèce provient des Antilles'. - Rathbun 1930: 510, 'Antilles ... type in Paris'. - Nobili 1898: 2, St Thomas.

Remark: This species is apparently known only by the types specimens, in Paris MNHN, and a record at St Thomas by Nobili (1898). Rathbun (1930) indicates two dried specimens in MNHN, the larger a female, collector Fréminville. The place of collection for the types is probably Lesser Antilles.



Figure 225: *Pilumnus ?gracilipes*. Guadeloupe, KARUBENTHOS 2015, st. DW4592, 214-201 m, MNHN-IU-2013-19019. Photo Joseph Poupin.

Pilumnus pannosus Rathbun, 1896

Distribution: VGI (St Thomas, St John), ICA (Guadeloupe). 1-20 m. WA.

Literature: *Pilumnus pannosus* - A. Milne-Edwards & Bouvier 1923: 321, St Thomas. - Rathbun 1930: 514, St Thomas, St John. - Rathbun 1933: 72, St Thomas, St John.

Fieldwork: *Pilumnus pannosus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 male 5.1 x 6.5 mm MNHN-IU-2013-16321, st. GD52, 6 m (photo pleopod, see Remark).

Remark: Overall characters of specimen examined from Guadeloupe (MNHN-IU-2013-16321) are those described in Rathbun (1930: 514) except for the 'dense hairy coat of carapace' reduced to patches on anterior half, but Rathbun indicates that this pubescence 'is not evenly distributed'. The pleopod of the specimen has been examined and matches the illustration in Williams (1984: 429, fig. 340d).

Pilumnus reticulatus Stimpson, 1860

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe), IOV (Margarita, Cubagua, Curaçao). 1-20 m. WA.

Literature: *Pilumnus reticulatus* Stimpson, 1860: 214, St Thomas. - A. Milne-Edwards 1873-1881: 294, St Thomas. - Rathbun 1930: 521, St Thomas, Curaçao. - Rathbun 1933: 73, St Thomas. - Rodríguez 1980: 367, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Pilumnus fragosus A. Milne-Edwards, 1880 (1873-1881): 296, St Thomas. - Nobili 1898: 2, St Thomas. - Accepted as *Pilumnus reticulatus* in WoRMS (2018).

Pilumnus reticulatus forma *fragosa* - Rathbun 1933: 73, St Thomas, St Croix.

Fieldwork: *Pilumnus reticulatus* - Guadeloupe, KARUBENTHOS 2012, st. GM02, 1 m - See Remark.

Remark: Guadeloupe specimen (KARUBENTHOS 2012, st. GM02), was determined by J. Poupin (October 2013) as *Pilumnus* aff. *gemmatus*, corrected by D. L. Felder (from photo 28/03/2014) to more probably *Pilumnus reticulatus*. This specimen was not located in MNHN collection. Photographs of Guadeloupe specimen are in Legall & Poupin (2018) with additional color illustrations of *P. reticulatus* in Pachelle *et al.* (2016: fig. 23).

Pilumnus sayi Rathbun, 1897

Distribution: VGI (St John), ICA (Guadeloupe), IOV (Cubagua, Curaçao). 1-90 m. WA.

Literature: *Pilumnus aculeatus* - A. Milne-Edwards 1880: 12, St John (Flanagan Passage). - A. Milne-Edwards 1873-1881: 282,

Guadeloupe - *Pilumnus aculeatus* Say, 1818 accepted as *Pilumnus sayi* in WoRMS (2018).

Pilumnus sayi - A. Milne-Edwards & Bouvier 1923: 320, St John (Flanagan Passage). - Rathbun 1920a: 23, Curaçao. - Rathbun 1930: 486, Guadeloupe, Curaçao. - Rathbun 1933: 71, Curaçao. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Superfamily Portunoidea Rafinesque, 1815

Family Geryonidae Colosi, 1923

Chaceon eldorado Manning & Holthuis, 1989

Distribution: ICA (Guadeloupe, Martinique), IOV (Testigos, Curaçao, Aruba). 310-915 m. WA.

Literature: *Chaceon quinquedens* - Paulmier 1993: 29, Martinique. - Paulmier & Gervain 1994: 10, tab. 2. - Taissoun 1986-1988: 136, Aruba - Not *C. quinquedens* (Smith), corrected herein to *C. eldorado* following Manning & Holthuis (1989) and Poupin (1994: 46).

Chaceon eldorado - Manning & Holthuis 1989: 61, Testigos, Curaçao, Aruba. - Poupin 1994: 46, Guadeloupe. - Gervain *et al.* 2002: 27, Guadeloupe. - Poupin & Corbari 2016: 84, Guadeloupe.

Family Portunidae Rafinesque, 1815

Achelous binoculus (Holthuis, 1969)

Distribution: ICA (Guadeloupe). 10-475 m. WA.

Literature: *Achelous binoculus* - Poupin & Corbari 2016: 85, Guadeloupe.

Remark: *Achelous binoculus* can be easily confused with *A. spinicarpus* (see comment in Poupin & Corbari, 2016).

Achelous depressifrons (Stimpson, 1859)

Distribution: VGI (St Thomas), IOV (Blanquilla, Aruba). 1-93 m. WA.

Literature: *Portunus (Achelous) depressifrons* - Rathbun 1920a: 16, Aruba. - Rathbun 1930: 84, St Thomas, Aruba. - Rathbun 1933: 47, St Thomas. - Scelzo & Varela 1988: 37, Blanquilla.

Remark: see Mantellato *et al.* (2009) for species of *Cronius* and *Portunus* transferred to *Achelous*.

Achelous floridanus (Rathbun, 1930)

Distribution: ICA (Guadeloupe), IOV (Cubagua). 9-640 m. WA.

Literature: *Portunus floridanus* - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldwork: *Achelous floridanus* - Guadeloupe, KARUBENTHOS 2012 (15-45 m), det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 6 spp. MNHN-IU-2013-5223, 5 spp. MNHN-IU-2013-5224, 8 spp. MNHN-IU-2013-5227, st. GD08, 35 m; 1 sp. MNHN-IU-2013-5290, st. GD12, 45 m; 42 spp. MNHN-IU-2013-5202, st. GD17, 30 m; 1 sp. MNHN-IU-2013-5363, st. GD21, 40 m; 1 sp. MNHN-IU-2013-5350, st. GS05, 22 m; 1 sp. MNHN-IU-2013-5300, st. GS34, 15 m.



Figure 226: *Chaceon eldorado*. Guadeloupe, KARUBENTHOS 2015, st. CP4513, 644-406 m, MNHN-IU-2013-18881. Photo Laure Corbari.

Achelous isolamargaritensis (Türkay, 1968)

Distribution: IOV (Margarita). No depth range, shallow water. Only IOV.

Literature: *Portunus floridanus isolamargaritensis* Türkay, 1968: 256, Margarita. - Rodríguez 1980: 302, Margarita [only known from type locality].

Achelous ordwayi Stimpson, 1860

Distribution: VGI (St Thomas), ICA (St Martin, St Eustatius, Antigua, Guadeloupe, Dominica, Martinique), IOV (Margarita, Cubagua). 1-50 m. WA.

Literature: *Achelous ordwayi* Stimpson, 1860: 224, St Thomas.

Neptunus ordwayi - A. Milne-Edwards 1873-1881: 217, 'Antilles'.

Portunus (Achelous) ordwayi - Rathbun 1920a: 16, St Eustatius. - Rathbun 1921: 68, Antigua. - Rathbun 1930: 71, St Thomas, St Eustatius, Dominica. - Rathbun 1933: 46, St Thomas. - Türkay 1968: 255, Margarita.

Portunus ordwayi - Rodríguez 1980: 304, Cubagua. - Paulmier 1993: 27, Martinique. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldworks: *Achelous ordwayi* - Saint-Martin, RNN Inventory 19/04/2012, UF32284, photo Dstm_6254; 20/04/2012, UF32357, photo Dstm_6592, UF32371, photo Dstm_6721 - Guadeloupe, KARUBENTHOS 2012 (1-40 m), det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 1 sp. MNHN-IU-2013-5304, st. GB17, 13 m; 1 sp. MNHN-IU-2013-5204, 1 sp. MNHN-IU-2013-4921, 4 spp. MNHN-IU-2013-5207, st. GD07, 25 m; 1 sp. MNHN-IU-2013-5205, st. GD08, 35 m; 1 sp. MNHN-IU-2013-5351, 1 sp. MNHN-IU-2013-5352, 1 sp. MNHN-IU-2013-5368, 1 sp. MNHN-IU-2013-5199, 1 sp. MNHN-IU-2013-5200, st. GD11, 14 m; 9 spp. MNHN-IU-2013-5190, 4 spp. MNHN-IU-2013-5192, st. GD16, 10 m; 1 sp. MNHN-IU-2013-6862, 1 sp. MNHN-IU-2013-6877, st. GD17, 30 m; 1 sp. MNHN-IU-2013-5372, st. GD21, 40 m; 4 spp. MNHN-IU-2013-5269, st. GD43, 4 m; 3 spp. MNHN-IU-2013-5229, 1 sp. MNHN-IU-2013-5133 (probably erroneous, see Remark), 5 spp. MNHN-IU-2013-5299, st. GD63, 20 m; 1 sp. MNHN-IU-2013-5353, st. GD66, 33 m; 1 sp. MNHN-IU-2013-5288, st. GM18, 1 m; 1 sp. MNHN-IU-2013-5280, st. GR01, 3 m; 1 sp. MNHN-IU-2013-5285, st. GR11, 13 m; 1 sp. MNHN-IU-2013-5185, 1 sp. MNHN-IU-2013-4920, st. GS01, 3 m; 1 sp. MNHN-IU-2013-5283, st. GS27, 1 sp. MNHN-IU-2013-5195, st.



Figure 227: *Achelous ordwayi*. Martinique, BIOSPHERES 2015, coll. R. Ferry. Photo Joseph Poupin.

GS27, 5 m; 1 sp. MNHN-IU-2013-5364, st. GS31, 29 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: Carlos Lira (mail April, 2015) kindly pointed us that at least photo of specimen MNHN-IU-2013-5133 in Legall & Poupin (2018) is not *A. ordwayi* but probably a *Cronius ruber* instead.

Achelous sebae (H. Milne Edwards, 1834)

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Dominica, Martinique), IOV (Margarita, Blanquilla, Tortuga, Bonaire, Curaçao, Aruba). 1-18 m. WA.

Literature: *Neptunus sebae* - A. Milne-Edwards 1873-1881: 217, 'Antilles'.

Portunus (Achelous) sebae - Rathbun 1920a: 16, Curaçao, Aruba. - Rathbun 1930: 79, St Thomas, Dominica, Curaçao, Aruba. - Rathbun 1933: 46, St Thomas. - Rathbun 1936: 383, Bonaire. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Achelous sebae - Stepp 2014: 34, Curaçao [Fossil remains]. - Luque *et al.* 2017: 59, Curaçao [Fossil remains].

Fieldworks: *Achelous sebae* - Saint-Martin, RNN Inventory 2012, 25/04/2012, UF32485, photo Dstm_7403. - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, st. GR35, 15 m, MNHN-IU-2013-6821. - Martinique, photo in situ Y. Buske; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.



Figure 228: *Achelous sebae*. Martinique, Anse Dufour, 2014. Photo Yan Buske.

Achelous spinicarpus (Stimpson, 1871)

Distribution: VGI (St Croix), ICA (Saba, St Kitts, Guadeloupe, Martinique, Barbados, Grenada, Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques, Aruba). 9-600 m. WA.

Literature: *Neptunus (Hellenus) spinicarpus* - A. Milne-Edwards 1880: 11, St Croix, Saba, St Kitts, Grenada, Barbados. - A. Milne-Edwards & Bouvier 1923: 312, St Croix, Saba, St Kitts, Grenada, Barbados. - Faxon 1896: 154, St Kitts.

Portunus (Achelous) spinicarpus - Rathbun 1930: 92, near Trinidad.

Portunus spinicarpus - Holthuis 1969: 415, Trinidad, Testigos, Margarita, Tortuga, Los Roques, Aruba. - Rodríguez 1980: 304, Aruba. - Paulmier 1993: 27, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, tab. 2, Martinique. - Poupin 1994: 46, Guadeloupe. Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.*

2007: 45, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Achelous spinicarpus - Poupin & Corbari 2016: 85, Guadeloupe.

Remark: Affiliated to *A. binoculus* (see under that species). The specimen attributed by Poupin (1994: 46) to *A. spinicarpus* is probably *A. binoculus* instead because it has the two red spots on the carapace (from unpublished photo by J. Poupin).

Achelous spinimanus (Latreille, 1819)

Distribution: VGI (St Thomas), ICA (St Martin, Saba, Guadeloupe, Martinique, Trinidad), IOV (Margarita, Cubagua, Aruba). 1-393 m. WA.

Literature: *Achelous spinimanus* - A. Milne-Edwards 1873-1881: 230, 'Antilles'. - Doflein 1899: 180, Martinique.

Lupea spinimana - Desbonne, in Desbonne & Schramm 1867: 37, Guadeloupe. - Faxon 1896: 144, Saba (bank) - Accepted as *Portunus (Achelous) spinimanus* (Latreille, 1819) in Rathbun (1930: 62).

Neptunus (Achelous) spinimanus - A. Milne-Edwards & Bouvier 1923: 312, Saba.

Portunus (Achelous) spinimanus - Rathbun 1920a: 16, St Martin, Aruba. - Rathbun 1930: 62, St Thomas, St Martin, Aruba. - Rathbun 1933: 46, St Thomas. - Hernández *et al.* 1999: tab. 2, Margarita. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Portunus spinimanus - Powers 1977: 86, Trinidad [From unidentified reference].

Fieldwork: *Portunus spinimanus* - Guadeloupe - KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 1 sp. MNHN-IU-2013-5420, st. GB03, 22 m; 1 sp. MNHN-IU-2013-5371, st. GB13, 10 m; 1 sp. MNHN-IU-2013-5305, st. GD48, 27 m.

Remark: Desbonne (1867) indicates that off Guadeloupe this '*Cirique de mer, se rencontre souvent dans les nasses à de grandes profondeurs*'. A specimen of Desbonne's collection is still in Paris MNHN (MNHN B-18836, dry collection).



Figure 229: *Achelous spinimanus* as *Lupea spinimana*. In Desbonne dry collection in Paris MNHN (B-18836). Photo Joseph Poupin.

Achelous tumidulus Stimpson, 1871

Distribution: VGI (St Thomas), ICA (St Martin, St Eustatius, Guadeloupe, Martinique), IOV (Cubagua, Los Roques, Bonaire, Curaçao, Aruba). 1-75 m. WA.

Literature: *Cronius bispinosus* - Nobili 1898: 2, St Thomas - *Cronius bispinosus* Miers, 1886 accepted as *Achelous tumidulus* in WoRMS (2018).

Cronius tumidulus - Rathbun 1920a: 18, St Eustatius, Curaçao, Aruba. - Rathbun 1930: 142, St Thomas, St Eustatius, Curaçao, Aruba. - Rathbun

1933: 51, St Thomas. - Rathbun 1936: 383, Bonaire. - Chace 1956: 155, Los Roques. - Rodríguez 1980: 326, Bonaire, Curaçao. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982] - Accepted as *Achelous tumidulus* in WoRMS (2018).

Fieldworks: *Achelous tumidulus* - Saint-Martin, RNN Inventory 16/04/2012, UF32157, photo Dstm_2676; 20/04/2012, UF32325, photo Dstm_3818. - Martinique, photo in situ Y. Buske October 2015, det. J. Poupin February 2016, based on blue bands on fingers of chelae.

Arenaeus cribrarius (Lamarck, 1818)

Distribution: ICA (St Barthélemy, Guadeloupe, Dominica, Martinique, St Lucia), IOV (Cubagua, Los Roques, Curaçao). 1-68 m. WA.

Literature: *Lupea cribraria* - Desbonne, in Desbonne & Schramm 1867: 38, Guadeloupe.

Neptunus cribrarius - A. Milne-Edwards 1873-1881: 211, 'Antilles'.

Arenaeus cribrarius - Rathbun 1920a: 18, Curaçao. - Rathbun 1930: 134, Dominica, St Lucia, Curaçao. - Chace 1956: 154, Los Roques. - Rodríguez 1980: 325, Los Roques, Curaçao. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 14, St Barthélemy.

Fieldwork: *Arenaeus cribrarius* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, MNHN-IU-2013-6853, st. GM07, 1 m; MNHN-IU-2013-5196, st. GM20, 1 m.

Bathynectes longispina Stimpson, 1871

Distribution: ICA (Martinique). 100-1455 m. WA.

Literature: *Bathynectes superba* - Paulmier 1993: 27, Martinique - Probably not *Bathynectes superba* (Costa, 1853), see Remark.

Remark: Paulmier's record is attributed herein to the single *Bathynectes* species occurring with certainty in WA, *Bathynectes longispina* (cf. Tavares 2003). In WoRMS (2018) *Bathynectes superba* (Costa, 1853) is accepted as *Bathynectes maravigna* (Prestandrea, 1839), an EA species (see also Manning & Holthuis 1981)



Figure 230: *Bathynectes longispina*. Martinique, R/V Polka, trap 200-250m, from Paulmier (1993: pl. 31, 1) as *Bathynectes superba*, re-det. herein as *B. longispina*. Photo Gérard Paulmier.

Callinectes bocourti A. Milne-Edwards, 1879

Distribution: VGI (St Croix), ICA (St Martin, St Barthélemy, Guadeloupe, Dominica, Martinique, St Lucia, Barbados, Tobago, Trinidad), IOV (Margarita, Bonaire, Curaçao). 0-20 m. WA.

Literature: *Callinectes bocourti* - Rathbun 1936: 383, Bonaire. - Chace & Hobbs 1969: 127, St Croix, Dominica. - Williams 1974: 770, St Croix, St Lucia, Tobago, Trinidad, Bonaire, Curaçao. - Hernández *et al.* 1999: tab. 2, Margarita. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 14, St Barthélemy.

Callinectes bocourti var. *maracaiboensis* - Questel 2014: 14, St Barthélemy.

Fieldwork: *Callinectes bocourti* - Saint-Martin, RNN Inventory 20/04/2012, UF32335, photo Dstm_3835.

Callinectes danae Smith, 1869

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Guadeloupe, Martinique, St Lucia, Barbados, Trinidad), IOV (Margarita, Tortuga, Curaçao, Aruba). 1-68 m. WA.

Literature: *Callinectes danae* - Rathbun 1930: 118, St Thomas, Martinique, St Lucia, Barbados, Trinidad. - Rathbun 1933: 49, St Thomas. - Chace & Hobbs 1969: 130, St Thomas, St Croix, Martinique, St Lucia, Barbados, Trinidad. - Williams 1974: 749, St Croix, St Martin, Martinique, St Lucia, Barbados, Trinidad, Curaçao, Aruba. - Rodríguez 1980: 323, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldwork: *Callinectes danae* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, MNHN-IU-2013-6820, GN29, 5 m.

Callinectes exasperatus (Gerstaecker, 1856)

Distribution: VGI (St Croix), ICA (St Martin, Barbuda, Guadeloupe, Martinique, St Vincent, Trinidad), IOV (Margarita, Blanquilla, Los Roques, Bonaire, Curaçao, Aruba). 1-8 m. WA.

Literature: *Callinectes exasperatus* - Rathbun 1920a: 18, St Martin. - Rathbun 1930: 130, St Martin. - Chace 1956: 154, Los Roques. - Chace & Hobbs 1969: 131, St Croix, St Martin, Los Roques. - Williams 1974: 759, St Croix, St Martin, Barbuda, Guadeloupe, St Vincent (Grenadines), Trinidad, Los Roques, Bonaire, Curaçao, Aruba. - Rodríguez 1980: 324, Los Roques, Margarita. - Scelzo & Varela 1988: 36, Blanquilla. - Hernández *et al.* 1999: tab. 2, Margarita. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldwork: *Callinectes exasperatus* - Guadeloupe, KARUBENTHOS 2012, 1 sp. MNHN-IU-2013-6822, det. Macpherson E. & C. Carmona-Suárez C., Besse, 2013, GN29, 5 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Callinectes marginatus (A. Milne-Edwards, 1861)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, St Barthélemy, Barbuda, Antigua, Guadeloupe, Dominica, Martinique, St Lucia, St Vincent, Tobago, Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-25 m. WA.

Literature: *Callinectes marginatus* - Rathbun 1920a: 17, Curaçao, Aruba. - Rathbun 1924: 14, Curaçao. - Rathbun 1930: 123, St Thomas, St Croix, Guadeloupe, Dominica, Curaçao, Aruba. - Rathbun 1933: 49, St Thomas, St Croix. - Rathbun 1936: 383, Aruba. - Chace 1956: 154, Los Roques. - Holthuis 1959: 76, St Martin. - Chace & Hobbs 1969: 131, St Thomas, St Croix, Guadeloupe, Dominica, Margarita, Los Roques, Curacao, Aruba. - Williams 1974: 727, St Thomas, St Croix, St Martin,

St Barthélemy, Barbuda, Antigua, Guadeloupe, St Lucia, St Vincent (Grenadines), Tobago, Trinidad, Bonaire, Curaçao, Aruba. - Rodríguez 1980: 322, Los Roques, Tortuga, Curaçao, Aruba. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Callinectes larvatus - Carré 2005: 23, Martinique - *Callinectes larvatus* Ordway, 1863 accepted as *Callinectes marginatus* in WoRMS (2018).

Callinectes (larvatus) marginatus - Questel 2014: 14, St Barthélemy.

Fieldworks: *Callinectes marginatus* - Saint-Martin, RNN Inventory 15/04/2012, UF32141, photo Dstm_5485 - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 1 sp. MNHN-IU-2013-6819, st. GM 01, 1 m; 1 sp. MNHN-IU-2013-6817, 2 spp. MNHN-IU-2013-4915, st. GN30, 3 m.

Callinectes ornatus Ordway, 1863

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, St Eustatius, Barbuda, Antigua, Guadeloupe, St Lucia, Barbados, Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-75 m. WA.

Literature: *Lupea rubra* - Desbonne, in Desbonne & Schramm 1867: 38, Guadeloupe - In H. Milne Edwards (1834-1840: 454) *Lupea rubra* is the same as *Portunus ruber* Lamarck, 1818, but based on a dry specimen of Desbonne [n°118 in MNHN B-18837], examined herein, this record is not of *Cronius ruber* (Lamarck, 1818) but is instead *Callinectes ornatus* Ordway, 1863.

Callinectes ornatus - Nobili 1898: 2, St Thomas. - Rathbun 1920a: 17, St Martin, St Eustatius, Bonaire, Curaçao, Aruba. - Rathbun 1921: 68, Barbados. - Rathbun 1930: 114, St Thomas, St Croix, St Martin, Guadeloupe, St Lucia, Trinidad, Aruba, Curaçao, Bonaire. - Rathbun 1933: 48, St Thomas, St Croix. - Chace 1956: 154, Los Roques. - Chace & Hobbs 1969: 132, St Thomas, St Croix, St Martin, St Eustatius, Guadeloupe, St Lucia, Barbados, Los Roques, Bonaire, Curacao, Aruba. - Williams 1974: 742, St Thomas, St Croix, St Martin, Barbuda, Antigua, Guadeloupe, St Lucia, Barbados, Trinidad, Cubagua, Bonaire, Curaçao, Aruba. - Rodríguez 1980: 323, Margarita, Cubagua, Los Roques, Aruba, Curaçao. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].



Figure 231 : *Callinectes ornatus*. Guadeloupe, KARUBENTHOS 2012, st. GM01, 1 m, MNHN-IU-2013-6816. Photo Joseph Poupin/Laure Corbari.

Callinectes arcuatus - Hernández & Bolaños 1995a: 77, Margarita. - Hernández *et al.* 1999: tab. 2, Margarita - Not *Callinectes arcuatus* Ordway, 1863, an EP species (?invasive) but probably *C. ornatus* its WA analogous species (see Robles *et al.* 2007).

Fieldworks: *Callinectes ornatus* - Saint-Martin, RNN Inventory 2012, 15/04/2012, UF32102, photo Dstm_5265, UF32107, photo Dstm_5293, UF32140, photo Dstm_5478; *Callinectes ?ornatus*, 15/04/2012, UF32103, photo Dstm_5272, UF32104, photo Dstm_5275. - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson C. & C. Carmona-Suárez, Besse 2013, 2 spp. MNHN-IU-2013-6815, 1 sp. MNHN-IU-2013-6816, 1 sp. MNHN-IU-2013-6879, 2 spp. MNHN-IU-2013-6881, st. GM01, 1 m; 2 spp. MNHN-IU-2013-6818, st. GM15, 1 m; 1 sp. MNHN-IU-2013-4916, 1 sp. MNHN-IU-2013-6814, st. GN30, 3 m.

Callinectes sapidus Rathbun, 1896

Distribution: VGI (St Croix), ICA (St Barthélemy, Guadeloupe, Dominica, Martinique, Tobago, Trinidad), IOV (Curaçao). 1-90 m. WA.

Literature: *Lupea dicantha* (sic) Latr. - Desbonne, in Desbonne & Schramm 1867: 36, Guadeloupe [*'très recherché comme aliment'*] - *Portunus diacantha* Latreille, 1825 accepted as *Callinectes sapidus* in Ng *et al.* (2008).

Callinectes sapidus - Chace & Hobbs 1969: 133, St Croix, Dominica. - Williams 1974: 787, St Croix, Tobago, Trinidad, Curaçao. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 14, St Barthélemy.

Fieldwork: *Callinectes sapidus* - Martinique, photo in situ Y. Buske, det. J. Poupin, based on 2 prominent, broad-based, triangular teeth between inner orbital (cf. key in Williams 1984: 364).

Charybdis hellerii (A. Milne-Edwards, 1867)

Distribution: ICA (St Martin, St Barthélemy, Guadeloupe, Martinique), IOV (Margarita, Tortuga). 10-75 m. IWP - WA-Invasive.

Literature: *Charybdis hellerii* - Morán & Atencio 2006: 206, Margarita [From Hernández & Bolaños 1995b: not seen]. - Lira 2004: tab. 1, Tortuga. - Bolaños *et al.* 2012: 470, Margarita. - Questel 2017: 1, St Barthélemy.

Fieldworks: *Charybdis hellerii* - Saint-Martin, RNN Inventory 20/04/2012, UF32327, photo Dstm_3829 - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 1 sp. MNHN-IU-2013-5230, st. GD19, 8 m; 2 spp. MNHN-IU-2013-6824, 1 sp. MNHN-IU-2013-6823, st. GM01, 1 m; 1 sp. MNHN-IU-2013-4917, st. GM37, 2 m. Also, as *Charybdis* sp. (?hellerii), MNHN-IU-2013-6829, st. GM11, 1 m; 1 sp. MNHN-IU-2013-6827, st. GM37, 2 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry and photo in situ Y. Buske, det. R. Ferry.

Remark: This swimming crab is native from the Indo-West Pacific and invasive to the WA-MED. Tavares & Braga de Mendonça (1996: fig. 1) have a map with places and dates of captures in the WA.

Cronius ruber (Lamarck, 1818)

Distribution: VGI (St Thomas), ICA (St Martin, St Eustatius, Antigua, Guadeloupe, Dominica, Martinique, St Lucia), IOV (Margarita, Bonaire). 1-110 m. WA-EP.

Literature: *Achelous ruber* - Doflein 1899: 181, Martinique.

Cronius ruber - Stimpson 1860: 225, St Thomas. - Rathbun 1920a: 18, St Martin, St Eustatius. - Rathbun 1921: 68, Antigua. - Rathbun 1930: 139, St Thomas, St Martin, St Eustatius, Dominica. - Rathbun 1933: 51, St Thomas. - Rathbun 1936: 383, Bonaire. - Rodríguez 1980: 326, Bonaire. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Mantelatto *et al.* 2009: 572, St Lucia.

Fieldwork: *Cronius ruber* - Martinique BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Laeonectes vocans (A. Milne-Edwards, 1878)

Distribution: ICA (Guadeloupe, Barbados), IOV (Los Roques). 6-309 m. ATL.

Literature: *Portunus (Portunus) vocans* - Collins & Morris 1976: 124, Barbados [Fossil remains].

Portunus vocans - Grajal & Laughlin 1984: 227, Los Roques.

Laeonectes vocans - Poupin & Corbari 2016: 87, Guadeloupe. - Luque *et al.* 2017: 55, Barbados [Fossil remains].

Lupella forceps (Fabricius, 1793)

Distribution: VGI (St Thomas), ICA (Martinique), IOV (Margarita). 4-42 m. WA.

Literature: *Lupea forceps* - H. Milne Edwards 1834-1840: 456, '*Habites les Antilles*'. - A. Milne-Edwards 1873-1881: 208, '*Antilles*'.

Lupella forceps - Rathbun 1930: 133, St Thomas, Martinique. - Rathbun 1933: 50, St Thomas. - Türkay 1968: 256, Margarita. - Rodríguez 1980: 324, Margarita.

Portunus anceps (Saussure, 1858)

Distribution: VGI (St Thomas), ICA (St Martin, Saba, St Eustatius, Antigua, Guadeloupe, Martinique, Barbados), IOV (Curaçao). 1-103 m. WA.

Literature: *Lupea duchassagni* Desbonne, in Desbonne & Schramm 1867: 39, Guadeloupe - Accepted as *Portunus anceps* in WoRMS (2018).

Neptunus anceps - A. Milne-Edwards 1873-1881: 213, '*Antilles*'.

Neptunus sulcatus A. Milne-Edwards, 1879 (1873-1881): 216, Guadeloupe - Accepted as *Portunus anceps* in WoRMS (2018).

Portunus (Portunus) sulcatus (A. Milne-Edwards) - Rathbun 1921: 67, Antigua, Barbados - Accepted as *Portunus anceps* in WoRMS (2018).

Portunus (Portunus) anceps - Rathbun 1920a: 17, Saba, St Eustatius. - Rathbun 1930: 42, St Thomas, Saba, St Eustatius, Guadeloupe, Curaçao. - Rathbun 1933: 46, St Thomas. - Carré 2005: 23, Martinique.



Figure 232: *Cronius ruber*. Martinique, dive November 25, BIOSPHERES 2015 R. Ferry & Y. Buske, det. J. Poupin. Photo Joseph Poupin.

Fieldworks: *Portunus anceps* - Saint-Martin, RNN Inventory 18/04/2012, UF32229, photo Dstm_3282; 25/04/2012, UF32492, photo Dstm_7394; 26/04/2012, UF32467, photo Dstm_4408. - Guadeloupe, KARUBENTHOS 2012 (27-30 m), det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 1 sp. MNHN-IU-2013-5225, 1 sp. MNHN-IU-2013-4925, st. GD17, 30 m; 1 sp. MNHN-IU-2013-6848, 2 spp. MNHN-IU-2013-4919, st. GD48, 27 m. - Martinique, BIOSPHERES 2015, coll. R. Ferry, det. J. Poupin December 2015 (from photo n°14-15).

Portunus gibbesii (Stimpson, 1859)

Distribution: ICA (Guadeloupe, Barbados). 0-399 m. WA.

Literature: *Portunus (Portunus) gibbesii* - Collins & Morris 1976: 124, Barbados [Fossil remains].

Achelous gibbesii - Luque *et al.* 2017: 55, Barbados [Fossil remains] - Both names (*Achelous gibbesii* and *Portunus gibbesii*) 'accepted' in WoRMS (2018). This species is possibly in *Achelous*.

Fieldwork: *Portunus gibbesii* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 3 spp. MNHN-IU-2013-5187, st. GN22, 120 m.

Remark: The 'beautiful iridescent purple and red swimming crab', illustrated in color for French Guiana by Takeda (1983), is reported by Williams (1984) from southern Massachusetts through the Gulf of Mexico along coast to French Guiana, but absent from the Antilles. Its occurrence off Guadeloupe (120 m) reported herein from KARUBENTHOS 2012 is a first record for the Lesser Antilles.

Portunus sayi (Gibbes, 1850)

Distribution: VGI (St Thomas), ICA (St Martin, St Barthélemy, Guadeloupe, Trinidad). 0-5 m. ATL.

Literature: *Neptunus sayi* - A. Milne-Edwards 1873-1881: 210, Guadeloupe.

Lupea parvula Desbonne, in Desbonne & Schramm 1867: 40, Guadeloupe - Accepted as *Portunus sayi* in WoRMS (2018).

Portunus (Portunus) sayi - Rathbun 1930: 37, 38, St Thomas, Trinidad. - Rathbun 1933: 46, St Thomas. - Monod 1939: 567, Guadeloupe.

Portunus sayi - Questel 2014: 14, St Barthélemy.

Fieldworks: *Portunus sayi* - Saint-Martin, RNN Inventory 20/04/2012, UF32332, photo Dstm_6545 - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson & C. Carmona-Suárez, Besse 2013, 1 sp. MNHN-IU-2013-5193, 1 sp. MNHN-IU-2013-4927, st. GM23, 6 m.

Portunus ventralis (A. Milne-Edwards, 1879)

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Barbados), IOV (Bonaire). 1-25 m. WA.

Literature: *Neptunus ventralis* A. Milne-Edwards, 1879 (1873-1881): 215, Guadeloupe.

Portunus (Portunus) ventralis - Rathbun 1930: 43, 45, St Thomas, Guadeloupe, Barbados. - Rathbun 1933: 46, St Thomas, Guadeloupe. - Rathbun 1936: 383, Bonaire.

Fieldworks: *Portunus ventralis* - Saint-Martin, RNN Inventory 2012, 11/04/2012, UF31908, photo Dstm_0954; 12/04/2012, UF31983, photo Dstm_2393; 16/04/2012, UF32193, photo Dstm_5649; 20/04/2012, UF32351, photo Dstm_6470; UF32374, photo Dstm_6734 - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson

& C. Carmona-Suárez, Besse 2013, MNHN-IU-2013-5219, st. GD37, 60 m; MNHN-IU-2013-5278, st. GR03, 6 m.

Family Polybiidae Ortmann, 1893

Macropipus guadalpensis (Saussure, 1857)

Distribution: Probably not WA, Azores only (see Remark).

Literature: *Portunus guadalpensis* (sic) Saussure, 1857: 502, Guadeloupe.

Portunus guadalpensis - Saussure 1858: 433, Guadeloupe. - Desbonne, in Desbonne & Schramm 1867: 36, Guadeloupe. - A. Milne-Edwards 1873-1881: 236, Guadeloupe.

Macropipus guadalpensis - Türkay 1971: 118, not Guadeloupe but probably Guadalupe in Azores, see Remark.

Remark: After examination of the male type specimen in Genève Türkay (1971) indicates 'as the genus *Macropipus* is not in America, and as there is a place in the Azores named 'Guadalupe' there is a possible confusion for type locality, Guadeloupe being reported by error'.

Superfamily Pseudothelphusoidea Ortmann, 1893

Family Pseudothelphusidae Ortmann, 1893

Epilobocera sinuatifrons (A. Milne-Edwards, 1866)

Distribution: VGI (St Croix). Freshwater. Endemic/Antilles (Puerto Rico and St Croix only).

Literature: *Epilobocera sinuatifrons* - Rathbun 1933: 52, St Croix. - Chace & Hobbs 1969: 141, St Croix. - Rodríguez 1982: 26, St Croix.

Guinotia dentata (Latreille, 1825)

Distribution: ICA (Guadeloupe, Dominica, Martinique, St Lucia, St Vincent). Freshwater. Endemic/ICA.

Literature: *Boscia dentata* (sic) - Desbonne, in Desbonne & Schramm 1867: 40, Guadeloupe - In H. Milne Edwards (1837 (1834-1840): 461) *Boscia dentata* is the same as *Thelphusa dentata* Latreille, 1825 accepted as *Guinotia dentata* in WoRMS (2018).



Figure 233: *Portunus ventralis*. Saint-Martin Island, RNN Inventory 12/4/2012, UF31983, photo Dstm_2393. Photo Arthur Anker.

Pseudothelphusa tenuipes Pocock, 1889: 7, Dominica - Accepted as *Guinotia dentata* in WoRMS (2018).

Pseudothelphusa dentata (H. Milne-Edw.) - Verrill 1892: 353, Dominica - Indicated as 'Suriq' (probably for 'Cirique') and the same as *Pseudothelphusa tenuipes* Pocock, 1889 which is accepted as *Guinotia dentata* in WoRMS.

Potamocarcinus dentatus - Doflein 1899: 187, Martinique - Accepted as *Guinotia dentata* in Rodríguez (1982).

Guinotia dentata - Chace & Hobbs 1969: Guadeloupe, Dominica, Martinique, St Lucia. - Rodríguez 1982: 187, Guadeloupe, Dominica, Martinique, St Vincent. - Carré 2005: 23, Martinique. - Lim *et al.* 2002: 54, Martinique. - Monti *et al.* 2010: 32, 68, Guadeloupe [but not photo p. 69 which is not *Guinotia dentata* but *Goniopsis cruentata* instead]. - DORIS 2017: WebPages, Guadeloupe, Martinique, St Lucia, St Vincent.

Fieldworks: *Guinotia dentata* - Guadeloupe, rivière Galon Basse Terre, coll. and photo in situ J. Poupin. - Martinique, Sainte Luce, forêt de Montravail, photo in situ L. Charles, det. J. Poupin.



Figure 234: *Guinotia dentata*. Guadeloupe, rivière des Pères, July 2015. Photo Joseph Poupin.

Microthelphusa odaeikae (Bott, 1970)

Distribution: ICA (Trinidad). Freshwater. Endemic/ICA (Trinidad only).

Literature: *Microthelphusa odaeikae* - Rodríguez 1982: 166, Trinidad. - Rodríguez & López 2003: 2604, Trinidad (600-800 m).

Rodriguezus garmani (Rathbun, 1898)

Distribution: ICA (Trinidad), IOV (Margarita). Freshwater. WA (continental).

Literature: *Pseudothelphusa garmani* - Chace & Holthuis 1948: 25, Margarita, Trinidad.

Guinotia (*Guinotia*) *garmani* - Chace & Hobbs 1969: 147, Trinidad, Margarita.

Eudaniela garmani - Rodríguez 1980: 331, Trinidad, Margarita. - Rodríguez 1982: 155, Trinidad, Margarita. - Rodríguez & López 2003: 2604, Margarita (20-800 m), Trinidad (50-800 m).

Superfamily Pseudozioidea Alcock, 1898

Family Pilumnoididae Guinot & Macpherson, 1987

Pilumnoides nudifrons (Stimpson, 1871)

Distribution: ICA (Barbados). 80-556 m. WA.

Literature: *Pilumnus nudifrons* - A. Milne-Edwards 1880: 13, Barbados. - A. Milne-Edwards 1873-1881: 293, Barbados. - A. Milne-Edwards & Bouvier 1923: 320, Barbados. - Rathbun 1930: 538, Barbados. - Guinot & Macpherson 1987: 229, Barbados [distribution only, with photographs of specimens from Florida].

Superfamily Trapezioidea Miers, 1886

Family Domeciidae Ortmann, 1893

Domecia acanthophora (Desbonne, in Desbonne & Schramm, 1867)

Distribution: VGI (St Thomas), ICA (Guadeloupe, Martinique, Barbados), IOV (Margarita, Cubagua, Los Roques, Bonaire, Curaçao). 1-146 m. ATL.

Literature: *Neleus acanthomorphus* Desbonne, in Desbonne & Schramm, 1867: 35, Guadeloupe.

Domecia hispida - Stimpson 1860: 218, St Thomas. - A. Milne-Edwards 1873-1881: 345, St Thomas, Guadeloupe. - Doflein 1899: 180, Martinique. - Rathbun 1921: 75, Barbados. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 554, St Thomas, Barbados, Curaçao [only WA records]. - Rathbun 1933: 76, St Thomas. - Rathbun 1936: 386, Bonaire, Curaçao. - Chace 1956: 157, Los Roques. - Rodríguez 1980: 371, Los Roques. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua - All not *Domecia hispida* Eydoux & Souleyet, 1842, an IWP species, but *Domecia acanthophora*, analogous WA species.

Pilumnus melanacanthus - Nobili 1898: 2, St Thomas - *Pilumnus melanacanthus* Kingsley, 1879 accepted as *Domecia acanthophora* in WoRMS (2018).

Domecia acanthophora forma *acanthophora* - Grajal & Laughlin 1984: 226, Los Roques.

Fieldwork: *Domecia acanthophora* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, st. GM07, 1 m, 1 female 5.1 x 6.5 mm, MNHN-IU-2013-16277 (station in MNHN indicated as st. GN18, probably in error for GM07).

Remark: This small species lives in the coral *Acropora palmata*. Williams (1984: 419) can be consulted for 'analogous' *Domecia* species in the IWP (*D. glabra*, *D. hispida*) and in the ATL (*D. acanthophora*, *D. africana*).



Figure 235: *Domecia acanthophora*. Guadeloupe, KARUBENTHOS 2012, st. GM07, 1 m, 1 ♀ 5.1 x 6.5 mm MNHN-IU-2013-16277. Photo Joseph Poupin.



Figure 236: *Eurypanopeus abbreviatus*. Guadeloupe, KARUBENTHOS 2012, st. GM27, 1 m, MNHN-IU-2013-14543, 1 ♂ 11.8x17.9 mm. Photo Joseph Poupin/Laure Corbari.

Superfamily Trichodactyloidea H. Milne Edwards, 1853

Family Trichodactylidae H. Milne Edwards, 1853

Poppiana dentata (Randall, 1840)

Distribution: ICA (Trinidad). Freshwater. WA (continental).

Literature: *Trichodactylus (Dilocarcinus) dentatus* - Chace & Hobbs 1969: 152, Trinidad.

Dilocarcinus dentatus - Rodríguez & López 2003: 2600, Trinidad.

Remark: A 'continental' freshwater species distributed from Venezuela (e.g. Rathbun 1936: 386) to Brazil, including only Trinidad in Lesser Antilles.

Superfamily Xanthoidea MacLeay, 1838

Family Panopeidae Ortmann, 1893

Acantholobulus bermudensis (Benedict & Rathbun, 1891)

Distribution: VGI (St Thomas, St Croix), ICA (Barbados, Trinidad), IOV (Tortuga, Bonaire, Curaçao, Aruba). 0-15 m. WA.

Literature: *Panopeus bermudensis* - Rathbun 1920a: 20, Curaçao, Aruba.- Rathbun 1930: 360, St Thomas, Trinidad. - Rathbun 1933: 62, St Thomas, St Croix. - Rodríguez 1980: 360, Trinidad. - Lira 2004: tab. 1, Tortuga.

Hexapanopeus hemphillii (Benedict & Rathbun) - Rathbun 1921: 70, Barbados. - Rathbun 1930: 400, St Thomas. - Rathbun 1933: 63, St Thomas. - Rathbun 1936: 385, Bonaire, Aruba - *Panopeus hemphillii* Benedict & Rathbun, 1891 accepted as *Acantholobulus bermudensis* in WoRMS (2018).

Cyrtoplax spinidentata (Benedict, 1892)

Distribution: VGI (St Thomas), ICA (Trinidad). No depth range, shallow water (brackish ponds). Only/Antilles (Jamaica, Porto Rico, St Thomas, Trinidad).

Literature: *Cyrtoplax spinidentata* - Rathbun 1918: 46, St Thomas, Trinidad. - Rathbun 1933: 79, St Thomas.

Dyspanopeus sayi (Smith, 1869)

Distribution: IOV (Cubagua). 0-4 m. ATL-MED.

Literature: *Dyspanopeus sayi* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Eurypanopeus abbreviatus (Stimpson, 1860)

Distribution: VGI (St Thomas, St Croix), ICA (Antigua, Guadeloupe, Martinique, Barbados), IOV (Margarita, Cubagua, Tortuga, Curaçao). 0-5 m. WA.

Literature: *Panopeus abbreviatus* Stimpson, 1860: 211, Barbados.

Eurypanopeus abbreviatus - A. Milne-Edwards 1873-1881: 320, Barbados. - Rathbun 1921: 70, Antigua. - Rathbun 1924: 14, Curaçao. - Rathbun 1930: 404, St Thomas, St Croix, Antigua, Barbados, Curaçao. - Rathbun 1933: 64, St Thomas, St Croix, Barbados. - Rathbun 1936: 385, Curaçao. - Rodríguez 1980: 361, Curaçao. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldwork: *Eurypanopeus abbreviatus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, st. GM09, 1 m, 1 female ov. 7.4x11.0 mm, MNHN-IU-2013-14546, 3 males, 3 females, 1 female ov., MNHN-IU-2013-14544, 1 male 7.2x10.5, MNHN-IU-2013-14545; st. GM27, 1 m, 1 male 11.8x17.9 mm, 2 males, 1 female ov., 1 female, 1 juvenile, MNHN-IU-2013-14543; st. GM34, 1 m, 1 male 8.0x11.7 mm, MNHN-IU-2013-14547, 1 female MNHN-IU-2013-16312, 1 sp. MNHN-IU-2013-16313.

Eurypanopeus depressus (Smith, 1869)

Distribution: ICA (St Martin, Martinique). 0-48 m. WA.

Literature: *Eurypanopeus depressus* - Rathbun 1920a: 19, St Martin. - Rathbun 1930: 410, St Martin.

Eurypanopeus depressa - Carré 2005: 23, Martinique.

Eurypanopeus dissimilis (Benedict & Rathbun, 1891)

Distribution: ICA (Trinidad), IOV (Cubagua). 0-3 m. WA.

Literature: *Eurypanopeus dissimilis* - Rathbun 1930: 411, Trinidad. - Rodríguez 1980: 361, Trinidad. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Eurypanopeus turgidus (Rathbun, 1930)

Distribution: IOV (Cubagua). 0-3 m. WA.

Literature: *Eurypanopeus turgidus* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

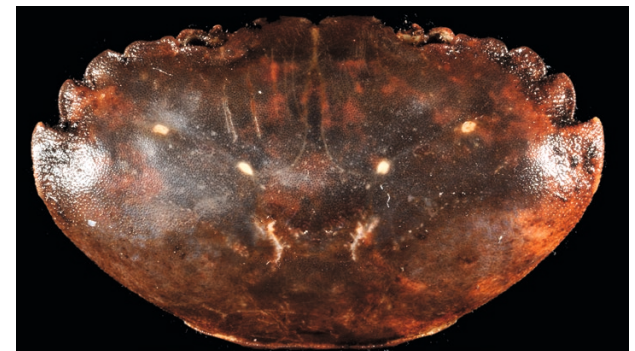


Figure 237: *Eurytium limosum*. Guadeloupe, KARUBENTHOS 2012, st. GM05, 1 m, carapace 21.5x33.4 mm, MNHN-IU-2013-14548. Photo Joseph Poupin.

Eurytium limosum (Say, 1818)

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe, Martinique), IOV (Margarita, Cubagua, Blanquilla, Los Roques, Curaçao). 0-3 m. WA.

Literature: *Eurytium limosum* - A. Milne-Edwards 1873-1881: 332, 'Antilles'. - Rathbun 1930: 423, Curaçao. - Chace 1956: 156, Los Roques. - Chace & Hobbs 1969: 153, St Thomas, St Croix, Los Roques, Curaçao. - Rodríguez 1980: 362, Margarita, Los Roques, Curaçao. - Scelzo & Varela 1988: 36, Blanquilla. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldwork: *Eurytium limosum* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, st. GM05, 1 m, 2 carapaces, largest 21.5x33.4 mm, MNHN-IU-2013-14548.

Hexapanopeus angustifrons (Benedict & Rathbun, 1891)

Distribution: ICA (?Guadeloupe, Martinique). 0-139 m. WA.

Literature: *Hexapanopeus angustifrons* - Carré 2005: 23, Martinique.

Fieldwork: *Hexapanopeus ?angustifrons* (see Remarks) - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013 - 1 male 6.5x8.2 mm, 1 male 6.3x8.1 mm, MNHN-IU-2013-16315, st. GD43, 4 m; 1 female ov., MNHN-IU-2013-16314, st. GD49, 3 m.

Remark: Guadeloupe specimens are attributed to *H. angustifrons*, with hesitation, based on aspect of male pleopod, with no longitudinal spinules on distal end, instead of spinules present in *H. paulensis* (see Williams 1984: 418, figs 331 n & o). However the carpus of the cheliped has some tubercles, which resembles to *H. paulensis*. Comparison specimens of both species (*angustifrons/paulensis*) are needed to confirm the present identification.

Hexapanopeus caribbaeus (Stimpson, 1871)

Distribution: VGI (St Thomas), ICA (Trinidad), IOV (Curaçao). 1-55 m. WA.

Literature: *Micropanope caribbea* - A. Milne-Edwards 1873-1881: 328, St Thomas.

Hexapanopeus caribbaeus - Rathbun 1924: 15, Curaçao. - Rathbun 1930: 399, St Thomas, Trinidad, Curaçao. - Rathbun 1933: 63, St Thomas. - Hagen 1977: 42, Trinidad. - Rodríguez 1980: 360, Trinidad, Curaçao.



Figure 238: *Panopeus lacustris*. Guadeloupe, KARUBENTHOS 2012, 1 ♂ 28.8x40.0 mm, st. GM03, 1 m, (no MNHN). Photo Joseph Poupin.

Panopeus americanus Saussure, 1857

Distribution: VGI (St Thomas), ICA (Antigua, Guadeloupe, Trinidad), IOV (Cubagua). 1-25 m. WA.

Literature: *Panopeus americanus* Saussure, 1857: 502, Guadeloupe. - Desbonne, in Desbonne & Schramm 1867: 30, Guadeloupe. - A. Milne-Edwards 1873-1881: 311, Guadeloupe. - Rathbun 1921: 69, Antigua. - Rathbun 1930: 357, St Thomas, Guadeloupe, Trinidad. - Rathbun 1933: 62, St Thomas. - Rodríguez 1980: 359, Trinidad. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldwork: *Panopeus ?americanus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin April 2014, st. GM09, 1 m, 2 males juveniles MNHN-IU-2013-6671 (as *Panopeus* sp. in MNHN). Determination made without comparison specimens with hesitation, based on carapace much narrower than in other *Panopeus* (cf. Rathbun's key).

Panopeus boekei Rathbun, 1915

Distribution: VGI (St Thomas), ICA (St Eustatius), IOV (Bonaire, Curaçao). 0-15 m. WA.

Literature: *Panopeus boekei* Rathbun, 1915: 118, St Eustatius. - Rathbun 1920a: 20, St Eustatius, Bonaire, Curaçao. - Rathbun 1924: 15, Curaçao. - Rathbun 1930: 365, St Thomas, St Eustatius, Bonaire, Curaçao. - Rathbun 1933: 62, St Thomas. - Rathbun 1936: 385, Bonaire. - Rodríguez 1980: 360, Bonaire, Curaçao.

Panopeus hartii Smith, 1869

Distribution: VGI (St Thomas), ICA (Antigua, Guadeloupe, Barbados), IOV (Aruba). 1-25 m. WA.

Literature: *Panopeus hartii* - Rathbun 1921: 70, Antigua, Barbados. - Rathbun 1930: 355, St Thomas, Antigua, Barbados. - Rathbun 1933: 62, St Thomas. - Rathbun 1936: 385, Aruba.

Fieldwork: *Panopeus hartii* - Guadeloupe, KARUBENTHOS 2012, det. D. L. Felder October 2013, 1 female juv. 8.8x12.5 mm MNHN-IU-2013-14549, st. GB35, 2 m.

Panopeus lacustris Desbonne, in Desbonne & Schramm, 1867

Distribution: VGI (St Croix), ICA (St Martin, Antigua, Guadeloupe, Barbados, Trinidad), IOV (Margarita, Cubagua, Los Roques, Bonaire, Curaçao, Aruba). 0-2 m. WA.

Literature: *Panopeus lacustris* Desbonne, in Desbonne & Schramm, 1867: 28, Guadeloupe. - Williams 1984: 868, St Croix, Antigua, Barbados, Trinidad, Netherlands Antilles.

Panopeus herbstii - A. Milne-Edwards 1873-1881: 308, Guadeloupe [from *P. lacustris*, in Desbonne]. - Rathbun 1920a: 19, St Martin, Bonaire, Curaçao, Aruba. - Rathbun 1921: 69, Antigua, Barbados. - Rathbun 1924: 14, Curaçao. - Chace 1956: 156, Los Roques. - Chace & Hobbs 1969: 154, St Croix, St Martin, Antigua, Guadeloupe, Barbados, Trinidad, Los Roques, Bonaire, Curacao, Aruba. - Rodríguez 1980: 359, Margarita, Bonaire, Curaçao, Aruba. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982] - All these records from Lesser Antilles are probably not *Panopeus herbstii* H. Milne Edwards, 1834 but *Panopeus lacustris* Desbonne, in Desbonne & Schramm, 1867; see Remark and Williams (1983).

Panopeus herbstii forma crassa A. Milne-Edwards - Rathbun 1930: 342, Antigua, Barbados, Trinidad, also ?Aruba, Bonaire, Curaçao

['between forma *obesa* and *crassa*']. - Rathbun 1936: 385, Curaçao - See Remark and Williams (1983).

Fieldworks: *Panopeus lacustris* - Saint-Martin, RNN Inventory, 15/04/2012, det. from photo J. Poupin, 2014; UF32123, photo Dstm_5456, UF32124, photo Dstm_5466; 20/04/2012, UF32326, photo Dstm_3823. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, D. L. Felder, April 2014 (no MNHN attributed in September 2016); 1 female 26.4x36.1 mm, 1 male 28.8x40.0 mm, 1 female, 2 males, 3 females, st. GM03, 1 m; 1 female 13.7x17.3 mm, st. GM05, 1 m; 1 female 18.8x25.3 mm, st. GM15, 1 m.

Remark: This crab is common in Guadeloupe, often associated with mangroves. It is also reported as introduced to Hawaii (Williams 1983). Rathbun (1930) has considered *P. lacustris* a synonym of *Panopeus herbstii* H. Milne Edwards, 1834, but Williams (1983) has partitioned *P. herbstii* s.l. into six distinct species and has resurrected *P. lacustris*. He also indicates that *P. herbstii* forma *crassa* in Rathbun (1930, 1933) is the same as *P. lacustris* Desbonne. Present determinations from Guadeloupe (KARUBENTHOS 2012) are made with hesitation for the juveniles, potentially confused with juveniles of *P. occidentalis*.

Panopeus obesus Smith, 1869

Distribution: ICA (?St Martin), IOV (?Bonaire, ?Curaçao). 0-15 m. WA.

Literature: *Panopeus herbstii* forma *obesa* Smith - Rathbun 1930: 342-343, St Martin, Curaçao. - Rathbun 1936: 385, Bonaire.

Remark: This species is doubtful in Lesser Antilles. According to geographical distribution of *P. obesus* in Felder *et al.* (2009), only North Carolina, NE Florida and Gulf of Mexico, Rathbun's records are possibly of *Panopeus lacustris*, not *P. obesus*, especially as Rathbun indicates for several specimens 'between forma *obesa* and *crassa*', forma *crassa* being currently accepted as *P. lacustris* (see under that species).

Panopeus occidentalis Saussure, 1857

Distribution: VGI (St Croix, St John), ICA (St Martin, Antigua, Guadeloupe, Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-20 m. WA.

Literature: *Panopeus serratus* Saussure, 1857: 502, Guadeloupe. - Desbonne, in Desbonne & Schramm 1867: 29, Guadeloupe. - A. Milne-Edwards 1873-1881: 311, Guadeloupe - Accepted as *Panopeus occidentalis* in WoRMS (2018).

Panopeus occidentalis Saussure, 1857: 502, Guadeloupe. - Saussure 1858: 15, Guadeloupe. - Desbonne, in Desbonne & Schramm 1867: 29, Guadeloupe. - A. Milne-Edwards 1873-1881: 310, Guadeloupe. - Rathbun 1920a: 19, St Martin, Bonaire, Curaçao. - Rathbun 1921: 69, Antigua. - Rathbun 1924: 14, Curaçao. - Rathbun 1930: 348, St John, St Croix, St Martin, Guadeloupe, Curaçao, Bonaire, Trinidad. - Rathbun 1933: 61, St John, St Croix. - Rathbun 1936: 385, Aruba. - Chace 1956: 156, Los Roques. - Rodríguez 1980: 359, Trinidad, Margarita, Los Roques, Bonaire, Curaçao. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Panopeus occidentalis forma *serrata* (Saussure) - Rathbun 1936: 385, Aruba.

Fieldworks: *Panopeus occidentalis* - Saint-Martin, RNN Inventory 2012, det. from photo J. Poupin, 2014, 10/04/2012, UF31874,

photo Dstm_0675 (with hesitation); 15/04/2012, UF32100, photo Dstm_5256, UF32101, photo Dstm_5259, UF32128, photo Dstm_5472 - Guadeloupe; KARUBENTHOS 2012, det. J. Poupin April 2014 (no MNHN number in September 2016), 1 juvenile 3.1x4.3 mm, 1 female, st. GM01, 1 m; 1 juvenile, 2 spp, st. GM03, 1 m; 3 females, 1 male, 1 female 19.0x25.5 mm (lost), st. GM06, 1 m; 1 female ov. 15.0x19.4 mm, st. GM15, 1 m (mangrove); 1 female juvenile 7.4x9.4 mm, st. GM24, 2 m; 1 male 14.1x18.3 mm, 1 male 20.0x26.7 mm, 2 females, 5 juveniles, st. GM26, 1 m; 1 male 18.4x24.3 mm, st. GM28, 2 m; 1 female 19.1x24.5 mm (with hesitation), st. GM31, 1 m; 4 females, 1 male juv, st. GM37, 2 m; 1 female ov. 5.1x6.4 mm (ovigerous despite small size), st. GS28, 5 m.

Remark: This species is sometime difficult to separate from *P. lacustris* (see under that species). It seems that the marbled color pattern of *P. occidentalis* (versus uniform dark grey/brown in *P. lacustris*) is a good mean to recognize the largest specimens.

Panopeus rugosus A. Milne-Edwards, 1880

Distribution: VGI (St Thomas), IOV (Cubagua, Curaçao). 1-51 m. WA.

Literature: *Panopeus rugosus* - Rathbun 1924: 15, Curaçao. - Rathbun 1930: 353, St Thomas, Curaçao. - Rathbun 1933: 61, St Thomas. - Rodríguez 1980: 359, Curaçao. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Panoplax depressa Stimpson, 1871

Distribution: ICA (Guadeloupe, Martinique, Barbados). 5-101 m. WA.

Literature: *Panoplax depressa* - Rathbun 1921: 76, Barbados. - Rathbun 1933: 80, Barbados. - Carré 2005: 23, Martinique.

Fieldwork: *Panoplax depressa* - Guadeloupe, KARUBENTHOS 2012 (6-80 m), det. J. Poupin October 2013 - 1 male 5.0x6.9 mm, MNHN-IU-2013-16247, st. GB06 (23 m); 1 female ov. 5.0x6.9 mm, MNHN-IU-2013-16255, st. GB14 (49 m) (registered in MNHN as GR14, in error?); 1 female 4.9x6.9 mm, MNHN-IU-2013-16257, st. GB17 (13 m); 1 juvenile, MNHN-IU-2013-16256, st. GB19 (11 m); 1 male 7.5x10.2 mm, 1 male 5.4x7.8 mm, MNHN-IU-2013-16258, st. GB21 (8 m); 1 male juvenile, MNHN-IU-2013-16249, st. GB26



Figure 239: *Panopeus occidentalis*. Guadeloupe, KARUBENTHOS 2012, st. GM15, 1 m, mangrove, 1 ♀ ov. 15x19.4 mm, (no MNHN). Photo Joseph Poupin/Laure Corbari.

(29 m); 1 female 4.2x5.9 mm, MNHN-IU-2013-16260, st. GD08 (35 m); 1 male 5.7x8.4 mm, MNHN-IU-2013-16259, st. GD16 (10 m); 1 male, MNHN-IU-2013-16261, st. GD52 (6 m); 3 spp., MNHN-IU-2013-16253, st. GD61 (80 m); 1 male 3.5x5.0 mm, MNHN-IU-2013-16254, st. GR07 (24 m); 1 female 7.3x10.2 mm, MNHN-IU-2013-14479, st. GR27 (8 m); 1 male 4.9x6.8 mm, ?1 juvenile, MNHN-IU-2013-16252, st. GS09 (11 m); 1 male, 1 female, ?1 juvenile, MNHN-IU-2013-14514, st. GS12 (6 m); 1 female juvenile, MNHN-IU-2013-16248, st. GS13 (50 m); 3 juveniles, MNHN-IU-2013-16250, st. GS21 (14 m); 1 female, MNHN-IU-2013-16251, st. GS29 (29 m).

Rhithropanopeus harrisii (Gould, 1841)

Distribution: IOV (Cubagua). 0-37 m. Pantropical (Invasive - EP, ATL-MED).

Literature: *Rhithropanopeus harrisii* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Robertsella meridionalis Tavares & Gouvêa, 2013

Distribution: ICA (Guadeloupe). 400-500/550 m. WA.

Literature: *Robertsella meridionalis* - Poupin & Corbari 2016: 87, Guadeloupe.

Remark: See Tavares & Gouvêa (2013) for differences between *Robertsella meridionalis* and *R. mystica* Guinot, 1969c.

Tetraplax quadridentata (Rathbun, 1898)

Distribution: ICA (Trinidad), IOV (Curaçao). 8-46 m. WA.

Literature: *Frevillea quadridentata* Rathbun, 1898: 287, Curaçao. *Tetraplax quadridentata* - Rathbun 1918: 32, Curaçao. - Rathbun 1933: 78, Curaçao. - Guinot 1969a: 256, Trinidad.

Tetraxanthus bidentatus (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe, Grenada), IOV (Los Roques). 165-536 m. WA.

Literature: *Xanthodes bidentatus* A. Milne-Edwards, 1880: 12, Grenada. - A. Milne-Edwards 1873-1881: 353, Grenada. - Rathbun 1930: 458, Grenada.

Tetraxanthus bidentatus - Grajal & Laughlin 1984: 227, Los Roques.

Tetraxanthus bidentatus - Poupin & Corbari 2016: 88, Guadeloupe.



Figure 240: *Tetraxanthus bidentatus*. Guadeloupe, KARUBENTHOS 2015, st. DW4635, 265-268 m, MNHN-IU-2013-19147. Photo Joseph Poupin.

Tetraxanthus rathbunae Chace, 1939

Distribution: ICA (Guadeloupe). 20-622 m. WA.

Literature: *Tetraxanthus rathbunae* - Poupin & Corbari 2016: 88, Guadeloupe [Caption of specimen illustrated (fig. 18) is erroneous: 'g) *Tetraxanthus bidentatus* ...' must be replaced by: 'g) *Tetraxanthus rathbunae*, st. CP4624, 242-243 m, MNHN-IU-2013-19116'].]

Family Pseudorhombilidae Alcock, 1900

Euphosynoplax clausa Guinot, 1969

Distribution: ICA (Guadeloupe, Martinique). 91-420 m. WA.

Literature: *Euphosynoplax clausa* - Paulmier 1993: 28, Guadeloupe, Martinique. - Paulmier & Gervain 1994: 10, Martinique. - Poupin 1994: 47, Guadeloupe.

Nanoplax xanthiformis (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe, Dominica, Barbados, Grenada), IOV (?Blanquilla, Curaçao). 9-333 m. WA.

Literature: *Panopeus xanthiformis* A. Milne-Edwards, 1880: 13, Dominica, Barbados, Grenada. - A. Milne-Edwards 1873-1881: 353, Grenada.

Micropanope xanthiformis - A. Milne-Edwards & Bouvier 1923: 324, Dominica, Barbados, Grenada. - Rathbun 1930: 442, 444, Dominica, Barbados, Grenada, Curaçao. - Rathbun 1933: 67, Grenada. - Rathbun 1936: 385, Curaçao [with hesitation, ?*xanthiformis*].

Nanoplax xanthiformis - Guinot 1967a: 356, Grenada.

Micropane xanthiformis - Rodríguez 1980: 363, Curaçao.

Micropanope cf. *xanthiformis* - Scelzo & Varela 1988: 37, Blanquilla.

Nanoplax xanthiformis - Poupin & Corbari 2016: 88, Guadeloupe [Collections made during KARUBENTHOS 2012, with trap at 173 m, and KARUBENTHOS 2015, with dredges at 262-264 m].

Perunorhombila nitida (Chace, 1940)

Distribution: ICA (Guadeloupe). 212/241-476 m. WA.

Literature: *Perunorhombila nitida* - Poupin & Corbari 2016: 89, Guadeloupe.

Pseudorhombila octodentata Rathbun, 1906

Distribution: ICA (Guadeloupe, Martinique, Dominica). 200-400 m. WA.

Literature: *Pseudorhombila octodentata* Rathbun, 1906: 91, Dominica. - Rathbun 1918: 43, Dominica, Martinique. - Guinot 1969c: 702, 704, Dominica. - Poupin 1994: 48, Guadeloupe.

Scopolius nuttingi (Rathbun, 1898)

Distribution: VGI (St Thomas), ICA (Guadeloupe, Barbados), IOV (Bonaire). 1-183 m. WA.

Literature: *Xanthias nutting* (sic) - Rathbun 1921: 71, Barbados.

Micropanope nuttingi - Rathbun 1930: 450, St Thomas. - Rathbun 1933: 67, St Thomas. - Rathbun 1936: 385, Bonaire.

Fieldwork: *Micropanope nuttingi* - Guadeloupe, KARUBENTHOS 2012 (4-100 m), det. J. Poupin October 2013 (male pleopods checked); 2 males, 2 females ov., 1 female, MNHN-IU-2013-4787, st. GB01 (6 m); 1 sp. MNHN-IU-2013-16180, st. GB01 (6 m); 8 spp., MNHN-IU-2013-16187, st. GB06 (23 m); 1 male, MNHN-IU-2013-16186, st. GB07 (6 m); 1 male,

MNHN-IU-2013-16182, st. GB10 (6 m); 1 sp., MNHN-IU-2013-16196, st. GB11 (10 m); 2 spp., MNHN-IU-2013-16185, st. GB13 (6 m); 3 spp., MNHN-IU-2013-16183, st. GB13 (10 m); 1 female, MNHN-IU-2013-16179, st. GB15 (8 m); 2-3 juveniles, MNHN-IU-2013-16188, st. GB16 (19 m); 1 male 3.2x4.4 mm, MNHN-IU-2013-16178, st. GB19 (11 m); 1 male, MNHN-IU-2013-16177, st. GB21 (8 m); 1 male, MNHN-IU-2013-16197, st. GB22 (12 m); 1 male, MNHN-IU-2013-16198, st. GB30 (16 m); 1 male, 1 female, MNHN-IU-2013-16191, st. GB30 (16 m); 2 spp, MNHN-IU-2013-16203, st. GB31 (15 m); 1 male, GD06 (6 m); 2 juveniles (very small), MNHN-IU-2013-16202, st. GD08 (35 m); 3 spp., MNHN-IU-2013-16172, st. GD17 (30 m); 4 males, 3 females, MNHN-IU-2013-16200, st. GD20 (35 m); 1 male 2.8x3.7 mm (photo pleopod), MNHN-IU-2013-16194, st. GD29 (4 m); 1 female, MNHN-IU-2013-16192, st. GD52 (6 m); 1 male, MNHN-IU-2013-16171, st. GD52 (6 m); 6 spp., MNHN-IU-2013-16184, st. GD52 (6 m); 1 female with sacculina, MNHN-IU-2013-16170, st. GD70 (100 m); 1 female ov. 2.2x3.0 mm, MNHN-IU-2013-16169, st. GR12 (21 m); 1 female, MNHN-IU-2013-16195, st. GR19 (15 m); 1 male, MNHN-IU-2013-16190, st. GS03 (6 m); 1 male juvenile, MNHN-IU-2013-16181, st. GS04 (11 m); 1 female ov. 2.4 x 3.2 mm, MNHN-IU-2013-16199, st. GS07 (13 m); 1 male, 1 female, MNHN-IU-2013-16176, st. GS12 (6 m); 5 juveniles, MNHN-IU-2013-16174, st. GS13 (50 m); 1 female, MNHN-IU-2013-16175, st. GS15 (27 m); 1 sp., MNHN-IU-2013-16173, st. GS18 (49 m); 1 male (photo pleopod male), MNHN-IU-2013-16204,

st. GS20 (19 m); 1 sp., MNHN-IU-2013-16193, st. GS20 (19 m); 3 juveniles, MNHN-IU-2013-16201, st. GS22 (45 m); 1 female juvenile, MNHN-IU-2013-16189, st. GS23 (7 m).

Remark: Determination from Guadeloupe is based on Rathbun (1930) key and description. Overall, morphological characters reported by Rathbun (1930) are all verified. The male pleopod is very characteristic (unfortunately not verified with comparison specimens), with a sub-distal leaf-like termination (resembling a ring) having a curved short terminal expansion (illustrated in Legall & Poupin 2018). There are some similarities with *Garthiopo barbadensis* but the male pleopod is definitely different in this species. New genus *Scopolius* is from Števc̃ič(2011).

Speocarcinus amazonicus Brandão, Tavares & Coelho-Filho, 2010

Distribution: ICA (Martinique). 23-130 m. WA.

Literature: *Speocarcinus amazonicus* Brandão *et al.*, 2010: 138, Martinique. - Brandão *et al.* 2012: 2, Martinique.

Remark: See *Speocarcinus carolinensis*.

Speocarcinus carolinensis Stimpson, 1859

Distribution: VGI (St Thomas), ICA (Guadeloupe). 13-43 m. WA.

Literature: *Speocarcinus carolinensis* - Rathbun 1918: 39, St Thomas. - Rathbun 1933: 79, St Thomas.

Fieldwork: *Speocarcinus carolinensis* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013 (see Remark), 1 male 11.4x14.3 mm, st. GD47 (13 m), MNHN-IU-2013-16274.

Remark: Guadeloupe specimen is tentatively attributed to *S. carolinensis* but without comparison specimens the determination is difficult with characters documented in Brandão *et al.* (2010, 2012). Determination made herein is based on:

- frontal area just behind the frontal margin with several, poorly defined, transversal lines of granules;
- ocular peduncle smooth;
- male abdominal segment 2 free, not intercalated between edges of abdominal segments 3-5.

Eight *Speocarcinus* species are in the key of Brandão *et al.* (2012), including *S. amazonicus*, reported in the Lesser Antilles (Martinique) and very similar to *S. carolinensis*.

Trapezioplax tridentata (A. Milne-Edwards, 1880)

Distribution: ICA (Barbados). 13-57 m. WA.

Literature: *Frevillea tridentata* A. Milne-Edwards, 1880: 16, Barbados. - A. Milne-Edwards & Bouvier 1923: 338, Barbados.

Goneplax tridentata - Rathbun 1918: 29, Barbados.

Trapezioplax tridentata - Guinot 1969c: 713, new genus. - Felder *et al.* 2009: 1081, Barbados.

Family Xanthidae MacLeay, 1838

Actaea acantha (H. Milne Edwards, 1834)

Distribution: ICA (St Barthélemy, Guadeloupe). 1-25 m. WA.

Literature: *Cancer affinis* Desbonne, in Desbonne & Schramm, 1867: 24, Guadeloupe - Desbonne indicates for his new species 'espèce voisine de *Cancer acanthus*, mais beaucoup plus petite'.



Figure 241 : *Pseudorhombila octodentata*. Guadeloupe, R/V Polka, 2013, trap at 200 m (MNHN). Photo Joseph Poupin.



Figure 242: *Scopolius nuttingi*. Guadeloupe, KARUBENTHOS 2012, st GD29, 4 m, 1 ♂ 2.8x3.7 mm, MNHN-IU-2013-16194. Photo Joseph Poupin.

His record not retrieved in WoRMS (2018) nor in Ng *et al.* (1998), herein listed as a possible junior synonym of *Actaea acantha*.

Cancer acanthus - Desbonne, in Desbonne & Schramm 1867: 22, Guadeloupe.

Actaea acantha - A. Milne-Edwards 1873-1881: 245, Guadeloupe. - Odhner 1925: 53, St Barthélemy. - Rathbun 1930: 261, St Barthélemy, Guadeloupe.

Fieldwork: *Actaea acantha* - Guadeloupe, KARUBENTHOS 2012 (1-15 m), det. J. Poupin October 2013, 1 juvenile, MNHN-IU-2013-16296, st. GD42 (3 m); 1 female, MNHN-IU-2013-14530, st. GM22 (1 m); 1 male 16.6x23.3 mm, MNHN-IU-2013-14529, st. GM34 (1 m); 1 male 11.6x16.2 mm, MNHN-IU-2013-16294, st. GR27 (8 m); 1 male 19.5x27.8 mm, MNHN-IU-2013-14527, st. GR38 (5 m); 1 male 17.2x23.7 mm, MNHN-IU-2013-14528, st. GR49 (15 m).

Actaea bifrons Rathbun, 1898

Distribution: VGI (Tortola), ICA (St Barthélemy, Guadeloupe, Martinique, Barbados), IOV (Curaçao). 2-73 m. WA.

Literature: *Actaea bifrons* - Odhner 1925: 50, Tortola (Salt Island), St Barthélemy. - Rathbun 1921: 71, Barbados. - Rathbun 1924: 15, Curaçao. - Rathbun 1930: 255, Tortola (Salt Island), St Barthélemy, Barbados, Curaçao. - Rodríguez 1980: 354, Curaçao.

Fieldworks: *Actaea bifrons* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 sp., MNHN-IU-2013-16299, st. GB09 (6 m); 1 male 8.1x11.7 mm, MNHN-IU-2013-16300, st. GB32 (4 m); 1 juvenile, MNHN-IU-2013-16298, st. GD22 (16 m); 1 sp. MNHN-IU-2013-16305, st. GM08 (1 m); 1 female ov. 7.8x11.0 mm, MNHN-IU-2013-14531, st. GR11 (13 m); 1 male 7.1x10.3 mm, MNHN-IU-2013-16301, st. GR40 (53 m); 1 juvenile, MNHN-IU-2013-16304, st. GS07 (13 m); 1 male, MNHN-IU-2013-16302, st. GS12 (6 m); 1 juvenile, MNHN-IU-2013-16303, st. GS13 (50 m). - Martinique 2014, photo in situ Y. Buske, Diamant, det. J. Poupin from photo (with hesitation); BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Allactaea lithostrota Williams, 1974

Distribution: ICA (Guadeloupe), IOV (Tortuga). 50-640 m. WA

Literature: *Allactaea lithostrota* - Soto 1986: 39/83, Tortuga. - Poupin & Corbari 2016: 89, Guadeloupe.

Remark: This crab is very distinctive by the sculpturing of its carapace. See Williams (1984: 398, fig. 311) and Legall & Poupin (2018).

Banareia palmeri (Rathbun, 1894)

Distribution: VGI (St Thomas), ICA (St Martin, Martinique), IOV (Curaçao). 2-145 m. WA.

Literature: *Actaea palmeri* - Rathbun 1924: 15, Curaçao. - Rathbun 1930: 260, St Thomas, Curaçao. - Rathbun 1933: 56, St Thomas. - Rodríguez 1980: 354, Curaçao. - Paulmier 1993: 28, Martinique.

Fieldwork: *Banareia palmeri* - Saint-Martin, RNN Inventory 19/04/2012, UF32294, photo Dstm_6330; 22/04/2012, UF32402, photo Dstm_7036.

Batodaeus urinator (A. Milne-Edwards, 1881)

Distribution: VGI (St Croix). 146-457 m. WA.

Literature: *Pilumnus urinator* A. Milne-Edwards, 1881 (1873-1881): 289, St Croix. - A. Milne-Edwards 1880: 13, St Croix [*nomen nudum*]. - A. Milne-Edwards & Bouvier 1923: 323, St Croix.

Micropanope urinator - Rathbun 1930: 451, St Croix. - Rathbun 1933: 67, St Croix.

Cataleptodius floridanus (Gibbes, 1850)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Antigua, Guadeloupe, Barbados), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 0-33 m. ATL.

Literature: *Chlorodius limosus* Desbonne in Desbonne & Schramm, 1867: 30, Guadeloupe - Type not extant in Rathbun (1930), accepted as *Cataleptodius floridanus* in WoRMS (2018).

Chlorodius caribaeus Desbonne in Desbonne & Schramm, 1867: 31, Guadeloupe.

Leptodius? caribaeus - A. Milne-Edwards 1873-1881: 270, Guadeloupe [from Desbonne with this remark: *cette espèce ne diffère d'ailleurs du Leptodius floridanus que par sa largeur plus grande*]. - Rathbun 1930: 462 [footnote 52, 'the identity of *Chlorodius caribaeus* Desbonne ... has not been determined'] - *Chlorodius caribaeus* Desbonne is a species *incertae sedis*, not located in Paris MNHN Desbonne dry collection. It is not reported in WoRMS (2018) nor in Ng *et al.* (1998) but is most probably a junior synonym of *Cataleptodius floridanus*.

Leptodius floridanus - A. Milne-Edwards 1873-1881: 268, 'Antilles'. - Nobili 1898: 1, St Thomas. - Rathbun 1921: 69, Antigua, Barbados. - Rathbun 1924: 14, Curaçao. - Rathbun 1930: 297, St Thomas, St Croix, Antigua, Barbados, Curaçao. - Rathbun 1933: 58, St Thomas, St Croix. - Rathbun 1936: 384, Bonaire, Klein Bonaire, Curaçao, Aruba. - Chace 1956: 155, Los Roques. - Rodríguez 1980: 356, Margarita, Tortuga.

Cataleptodius floridanus - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Cataleptodius floridanus* - Saint-Martin, RNN Inventory 12/04/2012, UF31921, photo Dstm_2515; 20/04/2012, UF32361, photo Dstm_6622. - Guadeloupe, KARUBENTHOS 2012 (1-4 m), det. J. Poupin October 2013, 1 female juvenile 4.9x6.3 mm, MNHN-IU-2013-16289, st. GB32 (4 m); 1 male, MNHN-IU-2013-16288, st. GM03 (1 m); 1 male, MNHN-IU-2013-14518, st. GM04 (1 m); 1 male 16.6x23.6 mm, MNHN-IU-2013-14521 (photo, pleopod), 2 males, 1 female, 1 juvenile, MNHN-IU-2013-14522, 2 males, 2 females ov., 1 female, MNHN-IU-2013-14525, 1 male 15.3x21.5 mm, MNHN-IU-2013-14520, st. GM06 (1 m); 1 female,

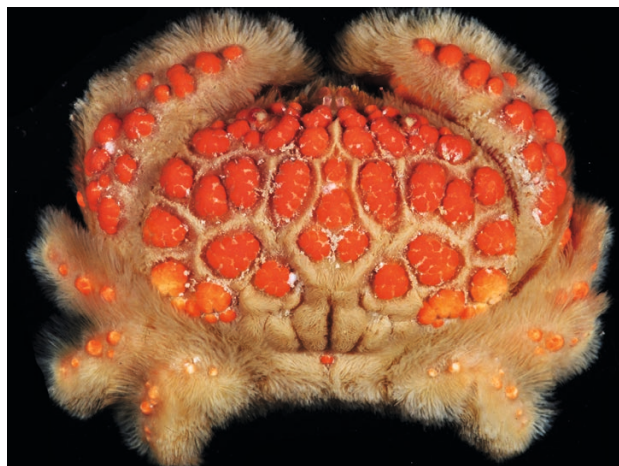


Figure 243: *Banareia palmeri*. Saint-Martin Island, RNN Inventory, 19/4/2012, UF32294. Photo Arthur Anker.

MNHN-IU-2013-16290, 1 juvenile, MNHN-IU-2013-14511, 3 males (photo 1 male 9.4x12.9 mm), st. GM09 (1 m); 2 males (photo 1 male 15.3x22.5 mm), 2 females, 1 female ov. MNHN-IU-2013-14512, 1 male, 1 female ov., 1 female, MNHN-IU-2013-14524, st. GM10 (1 m); 3 males, MNHN-IU-2013-14523, st. GM14 (1 m); 2 males, 1 female, MNHN-IU-2013-14517, st. GM25 (1 m); 1 male 14x18.9 mm, MNHN-IU-2013-14516, 1 female, st. GM27 (1 m); 1 sp. MNHN-IU-2013-14510, 8 spp., MNHN-IU-2013-14526, st. GM37 (2 m); with hesitation, check male pleopod, 3 males (photo 1 male 9.4x12.9 mm, carapace atypical, much narrower) MNHN-IU-2013-14519, st. GM09 (3 m).

Edwardsium spinimanum (H. Milne Edwards, 1834)

Distribution: ICA (Guadeloupe, Dominica, Martinique, Barbados). 12-138 m. WA.

Literature: *Cancer miniatus* Desbonne, in Desbonne & Schramm, 1867: 23, Guadeloupe - Accepted as *Edwardsium spinimanus* in WoRMS (2018).

Cancer spinimanus H. Milne Edwards, 1834 (1834-1840): 378, 'Patrie inconnue' - Type locality is probably Guadeloupe because it is indicated in A. Milne-Edwards (1873-1881: 250): 'Cette espèce, dont la présence n'a ici été signalée qu'à la Guadeloupe...'.
Medaeus spinimanus - A. Milne-Edwards 1880: 12, Barbados. - A. Milne-Edwards 1873-1881: 250, Guadeloupe. - A. Milne-Edwards & Bouvier 1923: 315, Barbados. - Rathbun 1930: 274, Guadeloupe, Dominica, Martinique.

Edwardsium spinimanus - Guinot 1967a: 364, ?Guadeloupe, Martinique.

Fieldwork: *Edwardsium spinimanum* - Guadeloupe, KARUBENTHOS 2012 (12-138 m), det. J. Poupin October 2013, 1 male 12.1x15.6 mm, MNHN-IU-2013-14502, st. GD06 (130 m); 1 male 22.3x29.8 mm, MNHN-IU-2013-14505, st. GN13 (138 m); 1 male 15.5x19.5 mm, MNHN-IU-2013-14501(?), st. GN13 (138 m); 1 sp. MNHN-IU-2013-14501, st. GN15 (35 m) (st. GN15 possibly in error for st. GN13); 1 male 23.2x30.3 mm, 1 female, MNHN-IU-2013-14503, st. GN22 (120 m, trap); 1 female 18.7x24.7 mm, MNHN-IU-2013-14504, st. GN23 (130 m); 1 female 16.9x22.3 mm, MNHN-IU-2013-14506, st. GS24 (12 m).

Etisus maculatus (Stimpson, 1860)

Distribution: VGI (St Thomas), ICA (St Martin), IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 0-3 m. WA.

Literature: *Phymodius maculatus* - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 295, St Thomas. - Rathbun 1933: 57, St Thomas. - Rathbun 1936: 384, Bonaire, Aruba. - Rodríguez 1980: 356, Cubagua. - Grajal & Laughlin 1984: 227, Los Roques. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes).

Etisus maculatus - Hernández-Ávila *et al.* 2007: appendix, Cubagua.

Fieldwork: *Etisus maculatus* - Saint-Martin, RNN Inventory 16/04/2012, UF32204, photo Dstm_5773.

Garthiope barbadensis (Rathbun, 1921)

Distribution: ICA (Guadeloupe, Barbados). 1-80 m. WA.

Literature: *Pilumnus barbadensis* Rathbun, 1921: 73, Barbados.

Micropanope barbadensis - Rathbun 1930: 446, Barbados.

Garthiope barbadensis - Guinot 1990: 473, Barbados.

Fieldwork: *Garthiope barbadensis* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 female 5.1x6.7 mm, MNHN-IU-2013-16264, st. GB35 (2 m); 1 female ov. 2.2x3.1 mm, 1 male 2.8x4.0 mm, MNHN-IU-2013-16263, st. GR10 (29 m); 1 male juv, MNHN-IU-2013-16265, st. GS26 (16 m).

Garthiope spinipes (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe), IOV (Los Roques, Curaçao). 1-82 m. WA.

Literature: *Pilumnus andrewsii* - Rathbun 1924: 16, Curaçao - *Pilumnus andrewsii* Rathbun, 1898 accepted as *Garthiope spinipes* in WoRMS (2018).

Micropanope spinipes - Rathbun 1930: 445, Curaçao. - Grajal & Laughlin 1984: 226, Los Roques.

Fieldwork: *Garthiope spinipes* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013; 1 female 4.5x6.1 mm, MNHN-IU-2013-16284, st. GS13 (50 m); 1 female (molting, broken, bad condition), MNHN-IU-2013-16285, st. GS15 (27 m) or GS19 (8 m); with doubt, 2 juveniles, MNHN-IU-2013-16286, st. GB12 (14 m).

Glyptoxanthus vermiculatus (Lamarck, 1818)

Distribution: ICA (Guadeloupe), IOV (Curaçao). 1-65 m. WA.

Literature: *Xantho vermiculatus* - Desbonne, in Desbonne & Schramm 1867: 27, Guadeloupe.

Glyptoxanthus vermiculatus - Rathbun 1930: 266, Curaçao. - Rodríguez 1980: 355, Guadeloupe. - Mendoza & Guinot 2011: 45, Curaçao.

Glyptoxanthus erosus - Rathbun 1930: 263, in part, Guadeloupe. - Williams 1965: 186, in part, Guadeloupe - Accepted as *G. vermiculatus* in Guinot (1979: 66).

Remark: This species can be confused with *Glyptoxanthus erosus* (Stimpson, 1859) with which it shares part of its distributional range. Mendoza & Guinot (2011) indicate that *Glyptoxanthus erosus* is distinguished from *G. vermiculatus* by the presence of several, small, disjunct, subcircular cavities on the cardiac region (1P) instead of two transverse, parallel furrows on 1P in *G. vermiculatus*. Powers (1977: 93) indicates 'Guadeloupe' in distribution of *G. erosus*, but this is probably based on *G. vermiculatus* in Desbonne (1867) formerly treated as a junior synonym of *G. erosus* (cf. Rathbun 1930: 263).



Figure 244: *Glyptoxanthus vermiculatus*. Guadeloupe, dry specimen from Desbonne collection in MNHN, Paris (n° 94-96). Photo Joseph Poupin.

Heteractaea ceratopus (Stimpson, 1860)

Distribution: ICA (Guadeloupe, Barbados, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-5 m. WA.

Literature: *Pilumnus* sp. - Desbonne, in Desbonne & Schramm 1867: 33, Guadeloupe - Accepted (with ?) as *Heteractaea ceratopus* in A. Milne-Edwards (1873-1881: 300).

Heteractaea ceratopus - A. Milne-Edwards 1873-1881: 300, Guadeloupe. - Rathbun 1921: 74, Barbados. - Rathbun 1924: 16, Curaçao. - Rathbun 1930: 532, Guadeloupe, Barbados, Trinidad, Curaçao. - Rathbun 1936: 386, Bonaire, Klein Bonaire, Aruba. - Chace 1956: 157, Los Roques. - Guinot 1968: 710, Guadeloupe. - Rodríguez 1980: 366: 368, Cubagua, Los Roques, Curaçao. - Scelzo & Varela 1988: 36, Blanquilla. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Melybia thalamita Stimpson, 1871

Distribution: ICA (Guadeloupe, Martinique, Barbados), IOV (Curaçao). 2-367 m. WA.

Literature: *Melybia thalamita* - Rathbun 1920a: 23, Curaçao. - Rathbun 1921: 75, Barbados. - Rathbun 1930: 562, Barbados, Curaçao. - Carré 2005: 23, Martinique. - Poupin & Corbari 2016: 89, Guadeloupe.

Remark: *Linnaeoxantho acanthomerus* (Rathbun, 1911) is the equivalent species in the IWP, very similar although in a different genus. Recent phylogenetic analysis inferred from nuclear and mitochondrial markers indicate that both species should be now classified in a separate family, Linnaeoxanthidae Števc̃iĉ, 2005 (see Thoma *et al.* 2014).



Figure 245: *Melybia thalamita*. Guadeloupe, KARUBENTHOS 2012, st. GB21, 8 m, 1 ♀ 3.9x5.0 mm, MNHN-IU-2013-14515. Photo Joseph Poupin.

Microcassiope minor (Dana, 1852) *sensu lato*

Distribution: ICA (Barbados), IOV (Los Roques, Bonaire, Curaçao, Aruba). Intertidal to 220 m (in Manning & Holthuis 1981). ATL.

Literature: *Xanthiam* (sic) *granulimanus* (Stimpson) - Rathbun 1921: 71, Barbados.

Xanthias granulimanus (Stimpson, 1871) - Rathbun 1924: 15, Curaçao.

Micropanope granulimanus (Stimpson, 1871) - Rathbun 1936: 385, Bonaire, Aruba. - Chace 1956: 156, Los Roques. - Rodríguez 1980: 363, Los Roques, Curaçao.

Microcassiope minor - Manning & Holthuis 1981: 138, Los Roques, Curaçao.

Remark: *Pilumnus granulimanus* Stimpson, 1871 (described from Cuba) is accepted as *Microcassiope minor* (Dana, 1852) (described from Madeira, Cap Verde) in Felder *et al.* (2009: note 410) based on Manning & Holthuis (1981: 138) with this indication: 'the latter authors (Manning & Holthuis) adopt previously published evidence that eastern and western Atlantic populations are conspecific, contrary to reservations expressed by Guinot (1971)'. However, these 2 species, *Microcassiope granulimana* (Stimpson, 1871) and *Microcassiope minor* (Dana, 1852), are listed as distinct by Ng *et al.* (2008) and WoRMS (2018). If future revisions distinguish them clearly in the future all records presented herein will be accepted as the WA species, i.e. *Microcassiope granulimana*.

Micropanope lobifrons A. Milne-Edwards, 1881

Distribution: VGI (St Thomas, St Croix), ICA (Montserrat, Guadeloupe, Barbados, Grenada). 4-331 m (?to 660 m). WA.

Literature: *Micropanope lobifrons* A. Milne-Edwards, 1881 (1873-1881): 327, Montserrat. - A. Milne-Edwards 1880: 14, Grenada, Barbados [*nomen nudum*]. - A. Milne-Edwards & Bouvier 1923: 325, Montserrat, Barbados, Grenada. - Rathbun 1921: 70, Barbados. - Rathbun 1930: 429, St Thomas, St Croix, Montserrat, Grenada, Barbados. - Rathbun 1933: 66, St Thomas, St Croix. - Guinot 1967a: 349, Montserrat. - Poupin & Corbari 2016: 90, Guadeloupe [In this contribution the specimens determined from KARUBENTHOS 2012, 4-95 m, have been examined carefully, including examination and photos of male pleopod. A specimen collected much deeper, during KARUBENTHOS 2015, st. DW4511, 8 June 2015, 16° 13.9' N, 61° 51.5' W, 660-630 m, MNHN-IU-2013-18890, is determined from photo only as '*Micropanope* aff. *lobifrons*' and is perhaps not in *Micropanope* but a related genus, e.g. ?*Nanocassiope*].

Micropanope pusilla A. Milne-Edwards, 1880

Distribution: VGI (St Thomas, St Croix), ICA (Guadeloupe). 7-311 m. WA.

Literature: *Micropanope pusilla* - Rathbun 1930: 431, St Thomas. - Rathbun 1933: 66, St Thomas, St Croix.

Fieldwork: *Micropanope pusilla* - Guadeloupe, KARUBENTHOS 2012 (8-80 m), det. J. Poupin October 2013 and D. L. Felder (male pleopod checked); 1 female (largest sp.), plus 3 Xanthidae spp. (juveniles not identified), MNHN-IU-2013-16242, st. GB12 (14 m); 1 male, 1 female, MNHN-IU-2013-16241, st. GB15 (8 m); 1 male 3.9x5.3 mm, 1 female, 1 female ov. 2.5x3.2 mm (ovigerous despite that it is the smallest specimen), MNHN-IU-2013-16233, st. GB19 (11 m); 1 female, MNHN-IU-2013-16235, st. GB24 (25 m); 1 female, MNHN-IU-2013-4911, st. GD02 (80 m); 1 male, MNHN-IU-2013-16246, st. GD17 (30 m); 1 female ov., MNHN-IU-2013-16238, st. GD20 (35 m); 1 female ov. 3.3x4.1 mm, 1 male 3.2x4.0 mm (photo pleopod), 1 male, 1 female, MNHN-IU-2013-16237, st. GD21 (40 m); 1 male, MNHN-IU-2013-16232, st. GD29 (4 m); 1 male, 1 female, MNHN-IU-2013-16234, st. GD35 (66 m); 1 female ov. 2.9x3.6 mm (very small), MNHN-IU-2013-16236, st. GD50 (22 m); 1 male 2.8x3.7 mm, st GD59 (88 m); 1 male 4.2x5.2 mm, MNHN-IU-2013-16244, st. GD65 (20 m); 1 male,

1 juvenile, MNHN-IU-2013-16230, st. GD69 (60 m); 1 male, MNHN-IU-2013-16226, st. GM34 (1 m); 1 male 4.6x5.6 mm (photo sp. and male pleopod), MNHN-IU-2013-16229, st. GR02 (20 m); 1 female ov., MNHN-IU-2013-16228, st. GR50 (4 m); 1 female, MNHN-IU-2013-16243, st. GS01 (3 m); 1 female, MNHN-IU-2013-16227, st. GS05 (22 m); 2 males, MNHN-IU-2013-16240, st. GS17 (3 m); 1 male, MNHN-IU-2013-16245, st. GS19 (8 m); 1 male, MNHN-IU-2013-16239, st. GS26 (16 m); 1 sp., MNHN-IU-2013-16231, st. GD55 (85 m).

Remark: A male of this species, from Bahamas, is illustrated (with male pleopod) in Lemaitre (1984: 440-441, fig. 7-8). The determination made herein is mostly based on the shape of male pleopod. In Rathbun (1930: 427) the entry C1 in key 'Carapace deeply areolated' is perhaps misleading as the carapace of specimens examined were at most feebly areolated, except for 1 female (MNHN-IU-2013-4911) otherwise similar to others specimens.

Micropanope sculptipes Stimpson, 1871

Distribution: VGI (?St Croix), ICA (Grenada, Barbados). 10-311 m. WA.

Literature: *Micropanope pugillator* A. Milne-Edwards, 1880: 14, St Croix, Grenada, Barbados [In part, at least one specimen from St Croix, is *Micropanope lobifrons*, cf. Rathbun 1930: 428]. - A. Milne-Edwards & Bouvier 1923: 326, St Croix, Grenada, Barbados - *Micropanope pugillator* accepted as *M. sculptipes* in WoRMS (2018).

Micropanope sculptipes - Rathbun 1930: 428, St Croix, Grenada, Barbados [St Croix ?in part; at least one specimen St Croix, R/V *Blake*, corrected to *M. lobifrons*]. - Rathbun 1933: 66, St Croix, Barbados.

Milnepanopeus lobipes (A. Milne-Edwards, 1880)

Distribution: ICA (Guadeloupe). 8-68 m. WA.

Literature: *Lophopanopeus lobipes* - Monod 1939: 567, Guadeloupe.

Fieldwork: *Milnepanopeus lobipes* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, as *Micropanope* aff. *pusilla*, corrected into *Milnepanopeus lobipes* by D. L. Felder, March 2014,



Figure 246: *Micropanope pusilla*. Guadeloupe, KARUBENTHOS 2012, st. GR02, 20 m, 1 ♂ 4.6x5.6 mm, MNHN-IU-2013-16229, with aspect of its pleopod (right). Photos Joseph Poupin



Figure 247: *Paractaea nodosa*. Martinique, 2010. Photo Yan Buske.

based on aspect of male pleopod - 1 male 3.3x4.5 mm, 1 female, MNHN-IU-2013-16262, st. GD42 (3 m).

Remark: This species can be confused with *Micropanope pusilla* but its male pleopod is very distinctive, including 2 distal transverse stylets (or spines), mesial (longer) and lateral. Thoma & Felder (2012) can be consulted for description and illustration of this species (including male pleopod) and new genus *Milnepanopeus*.

Paractaea nodosa (Stimpson, 1860)

Distribution: VGI (St Thomas, St Croix, St John, Tortola), ICA (St Barthélemy, St Martin, Guadeloupe, Martinique, Barbados), IOV (Blanquilla, Tortuga, Bonaire, Curaçao, Aruba). 1-220 m. WA.

Literature: *Actaea nodosa* - Desbonne, in Desbonne & Schramm 1867: 25, Guadeloupe. - A. Milne-Edwards 1880: 11, St Croix, St John (Flanagan Passage), Barbados. - A. Milne-Edwards 1873-1881: 245, 'Antilles'.

Actaea rufopunctata nodosa - A. Milne-Edwards & Bouvier 1923: 316, St Croix, St John (Flanagan Passage), Barbados. - Rathbun 1921: 71, Barbados. - Rathbun 1924: 15, Curaçao. - Collins & Morris 1976: 125, Barbados [Fossil remains].

Actaea rufopunctata - Odhner 1925: 60, Tortola, St Barthélemy, Guadeloupe.

Paractaea rufopunctata nodosa - Rathbun 1930: 257, St Thomas, St Croix, Barbados, Curaçao. - Rathbun 1933: 56, St Thomas, St Croix. - Rathbun 1936: 384, Bonaire, Aruba. - Scelzo & Varela 1988: 37, Blanquilla. - Lira 2004: tab. 1, Tortuga.

Paractaea nodosa - Poupin & Corbari 2016: 90, St Martin, Guadeloupe. - Luque *et al.* 2017: 55, Barbados [Fossil remains].

Fieldwork: *Paractaea nodosa* - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: This species is sometimes (e.g. Felder *et al.* 2009) considered as a subspecies of IWP *Paractaea rufopunctata* (H. Milne Edwards, 1834. Treated herein as a species, following Alves *et al.* (2012b), Coelho *et al.* (2008).

Paraliomera dispar (Stimpson, 1871)

Distribution: ICA (St Martin, Antigua, Guadeloupe, Isla de Aves, Barbados), IOV (Margarita, Tortuga, Los Roques, Bonaire, Curaçao). 1-154 m. WA.

Literature: *Liomera dispar* - Rathbun 1921: 68, Antigua, Barbados. - Rathbun 1924: 14, Curaçao.

Paraliomera dispar - Rathbun 1930: 245, Antigua, Barbados, Curaçao. - Rathbun 1936: 384, Bonaire, Klein Bonaire. - Monod 1939: 567, Guadeloupe. - Chace 1956: 155, Los Roques. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes).

Fieldworks: *Paraliomera dispar* - Saint-Martin, RNN Inventory, 16/04/2012, UF32210, photo Dstm_5722; UF32208, photo Dstm_5754; UF32209, photo Dstm_5763; UF32210, photo Dstm_5768. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, st. GM07 (1 m), 1 female 5.5x7.8 mm, 1 female ov. 3.7x5.6 mm, 1 male, MNHN-IU-2013-16282; st. GM08 (1 m), 1 female juvenile 2.6x3.8 mm, MNHN-IU-2013-16281; st. GM17 (1 m), 3 females, largest 3.6x5.3 mm, MNHN-IU-2013-16283.

Paraliomera longimana (A. Milne-Edwards, 1865)

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Martinique, Barbados), IOV (Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-154 m. WA.

Literature: *Liomera longimana* A. Milne-Edwards, 1865: 221, Guadeloupe. - Nobili 1898: 2, St Thomas.

Cancer nigerrimus Desbonne in Desbonne & Schramm, 1867: 25, Guadeloupe - Accepted as *Paraliomera longimana* in WoRMS (2018).

Liomera longimana - A. Milne-Edwards 1873-1881: 240, St Thomas, Guadeloupe. - Rathbun 1921: 68, Barbados. - Rathbun 1924: 14, Curaçao.

Paraliomera longimana - Rathbun 1930: 243, St Thomas, Guadeloupe, Barbados, Curaçao. - Rathbun 1933: 53, St Thomas, Guadeloupe, Barbados, Curaçao. - Rathbun 1936: 383, Bonaire, Klein Bonaire, Aruba. - Chace 1956: 155, Los Roques. - Rodríguez 1980: 352, Tortuga, Los Roques. - Grajal & Laughlin 1984: 226, Los Roques. - Lira 2004: tab. 1, Tortuga.

Fieldworks: *Paraliomera longimana* - Saint-Martin, RNN Inventory 20/04/2012, UF32353, photo Dstm_6457. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, st. GB09 (6 m), 1 female 5.7x9.4 mm, MNHN-IU-2013-16280, 1 male 5.7x9.2 mm, 1 male juvenile 2.7x4.3 mm, MNHN-IU-2013-16279. - Martinique, photo in situ Y. Buske, det. from photo J. Poupin.



Figure 248: *Paraliomera longimana*. Martinique, 2012. Photo Yan Buske.

Platyactaea setigera (H. Milne Edwards, 1834)

Distribution: VGI (St Thomas), ICA (Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados, Trinidad), IOV (Margarita, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). 1-65 m. WA.

Literature: *Xantho setiger* H. Milne Edwards, 1834 (1834-1840): 390, 'Habite les Antilles'.

Actaea setigera - A. Milne-Edwards 1873-1881: 244, 'Antilles'. - Nobili 1898: 2, St Thomas. - Odhner 1925: 50, St Thomas, St Barthélemy, Martinique, Curaçao, Aruba. - Rathbun 1921: 71, Antigua, Barbados. - Rathbun 1924: 15, Curaçao. - Rathbun 1930: 251, St Thomas, Antigua, Barbados, Trinidad, Curaçao. - Rathbun 1933: 55, St Thomas. - Rathbun 1936: 384, Aruba, Bonaire. - Chace 1956: 155, Los Roques. - Rodríguez 1980: 354, Los Roques, Trinidad. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes).

Platyactaea setigera - Guinot 1967b: 560, St Thomas. - García *et al.* 1998: 27, Isla de Aves. - Lira 2004: tab. 1, Tortuga.

Fieldwork: *Platyactaea setigera* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 male 16.8x25.1 mm, st. GM06 (1 m), MNHN-IU-2013-14550; 1 female 13.7x20.5 mm, st. GM10 (1 m), MNHN-IU-2013-16316.



Figure 249: *Platyodiella spectabilis*. Martinique, 2016. Photo Yan Buske.

Platyodiella spectabilis (Herbst, 1794)

Distribution: VGI (St Thomas, St John, Tortola), ICA (St Eustatius, Guadeloupe, Martinique, Barbados), IOV (Margarita, Cubagua, Los Roques, Bonaire, Curaçao). 1-62 m. WA.

Literature: *Cancer lobata* H. Milne Edwards, 1834 (1834-1840): 375, 'Habite les Antilles' - Accepted as *Platyodiella spectabilis* in WoRMS (2018).

Cancer venustus Desbonne, in Desbonne & Schramm, 1867: 23, Guadeloupe - Accepted as *Lophactaea lobata* (H. Milne Edwards, 1834) in A. Milne-Edwards (1873-1881: 242) a junior synonym of *Platyodiella spectabilis* in WoRMS (2018).

Lophactaea lobata (H. Milne Edwards, 1834) - A. Milne-Edwards 1873-1881: 242, 'Antilles'. - Nobili 1898: 2, St Thomas. - Accepted as *Platyodiella spectabilis* in WoRMS (2018).

Platyodia spectabilis - Rathbun 1921: 68, Barbados. - Rathbun 1924: 14, Curaçao. - Rathbun 1930: 247, St Thomas, St John, Guadeloupe (Marie Galante), Martinique, Barbados, Curaçao. - Rathbun 1933: 54, St Thomas, St John. - Rathbun 1936: 384, Bonaire, Klein Bonaire. - Chace 1956: 155, Los Roques. - Rodríguez 1980: 353, Los Roques.

Platyodiella spectabilis - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Martin & Zimmerman 2007: 59, Tortola (Guana) - Faasse 2016: 52, St Eustatius. - Garcia-Hernandez *et al.* 2016: 209, St Eustatius.

Fieldworks: *Platypodiella spectabilis* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 male 9.1 x 13.0 mm, MNHN-IU-2013-16287, st. GM06 (1 m); 1 male 15.0 x 21.8 mm, MNHN-IU-2013-14507, st. GM11 (1 m). - **Martinique**, photo in situ Y. Buske and BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: Color pattern of this crab, although useful for identification, has large variations illustrated in Martin & Zimmerman (2007) for Virgin Islands (Guana) specimens.

***Pseudomedaes agassizi* (A. Milne-Edwards, 1880)**

Distribution: VGI. 1-82 m. WA.

Literature: *Pseudomedaes agassizi* - Guinot 1968: 724, 727, Virgin Island [In Répartition géographique, p. 727 '... aux îles Vierges'; 'Antilles' also indicated in caption of fig. 58]

***Pseudomedaes distinctus* (Rathbun, 1898)**

Distribution: ICA (Barbados). 47-185 m. WA.

Literature: *Micropanope sculptipes* (Stimpson) - A. Milne-Edwards 1880: 14, Barbados - Not *Micropanope sculptipes* Stimpson, 1871, cf. Rathbun (1930: 331).

Lophopanopeus distinctus - Rathbun 1930: 331, Barbados [from A. Milne-Edwards (1880)].

***Ratha longimana* (H. Milne Edwards, 1834)**

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Guadeloupe, Isla de Aves, Martinique, Barbados), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Curaçao, Aruba). 5-154 m. WA.

Literature: *Chlorodius longimanus* - Desbonne, in Desbonne & Schramm 1867: 30, Guadeloupe. - A. Milne-Edwards 1873-1881: 265, 'Antilles'. - Nobili 1898: 1, St Thomas.

Chlorodiella longimana - Rathbun 1921: 72, Barbados.- Rathbun 1930: 462, St Thomas, St Croix, Martinique, Barbados, Curaçao.- Rathbun 1933: 68, St Thomas, St Croix. - Rathbun 1936: 386, Aruba. - Chace 1956: 156, Los Roques. - Rodríguez 1980: 364, Cubagua, Los Roques, Curaçao. - Grajal & Laughlin 1984: 226, Los Roques. - Scelzo & Varela 1988: 36, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.



Figure 250: *Ratha longimana*. Saint-Martin Island, RNN Inventory, 23/4/2012, UF32481. Photo Arthur Anker.

Ratha longimana - Lasley *et al.* 2013: 386, St Martin, Trinidad [New genus and redescription].

Fieldwork: *Ratha longimana* - **Saint-Martin**, RNN Inventory 23/04/2012, UF32420, photo Dstm_4115; UF32481, photo Dstm_7124; UF32480, photo Dstm_7132.

***Williamstimpsonia denticulatus* (White, 1848)**

Distribution: VGI (St Thomas), ICA (St Martin, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao). 1-21 m. ATL.

Literature: *Xantho humilis* Desbonne, in Desbonne & Schramm, 1867: 27, Guadeloupe - Accepted as *Williamstimpsonia denticulatus* in WoRMS (2018).

Xantho denticulatus - A. Milne-Edwards 1873-1881: 252, 'Antilles'. - Nobili 1898: 2, St Thomas.

Cycloxanthops denticulatus - Rathbun 1921: 69, Antigua, Barbados. - Rathbun 1924: 14, Curaçao.

Xanthodius denticulatus - Rathbun 1930: 314, St Thomas, Barbados, Trinidad. - Rathbun 1933: 59, St Thomas. - Rathbun 1936: 384, Bonaire, Klein Bonaire, Curaçao. - Chace 1956: 156, Los Roques. - Rodríguez 1980: 357, Trinidad, Los Roques, Curaçao. - Scelzo & Varela 1988: 48, Blanquilla [as *X. reticulatus* (sic), p. 37]. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Fieldworks: *Williamstimpsonia denticulatus* - **Saint-Martin**, RNN Inventory, 09/04/2012, UF31867, photo Dstm_0413; 14/04/2012, UF32085, photo Dstm_5170; 16/04/2012, UF32170, photo Dstm_2629, UF32197, photo Dstm_5699; 18/04/2012, UF32231, photo Dstm_3290, UF32230, photo Dstm_3301; 22/04/2012, UF32407, photo Dstm_7054. - **Guadeloupe**, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 male juvenile 9.0 x 13.0 mm, MNHN-IU-2013-14538, 1 female ov., MNHN-IU-2013-14532, st. GB32 (4 m); 1 juvenile, MNHN-IU-2013-16311, st. GD42 (3 m); 1 male 13.7 x 20.3, MNHN-IU-2013-14536, 1 female ov, MNHN-IU-2013-16306, st. GM02 (1 m); 1 male 10.2 x 14.8 mm, MNHN-IU-2013-14534, st. GM04 (1 m); 1 juvenile (with sacculina) 6.5 x 9.3 mm, MNHN-IU-2013-14541, st. GM10 (1 m); 1 male



Figure 251: *Williamstimpsonia denticulatus*. Guadeloupe, KARUBENTHOS 2012, st. GR52, 10 m, 1 ♂ 10.0 x 14.7 mm, MNHN-IU-2013-14537. Photo Joseph Poupin/Laure Corbari.

14.9x22.2 mm, MNHN-IU-2013-14535, st. GM 14 (1 m); 1 juvenile, MNHN-IU-2013-14542, 1 juvenile, MNHN-IU-2013-16307, st. GM 17 (1 m); 1 female, MNHN-IU-2013-14533, st. GM 22 (1 m); 1 female juvenile, MNHN-IU-2013-14539, st. GM 31 (2 m); 1 male, MNHN-IU-2013-16309, st. GM 33 (intertidal); 1 juvenile with sacculina 6.4 x 8.9 mm, MNHN-IU-2013-14540, st. GM 34 (1 m); 1 juvenile, MNHN-IU-2013-16310, st. GR50 (4 m); 1 male 10.0x14.7 mm, MNHN-IU-2013-14537, st. GR52 (10 m); 2 juveniles, MNHN-IU-2013-16308, st. GS34 (15 m).

Remark: New genus *Williamstimpsonia* is from Števič (2011) with type species *W. stimpsoni* (A. Milne-Edwards, 1879), analogous EP species for *W. denticulatus* (White, 1848).

Xanthias inornatus (Rathbun, 1898)

Distribution: IOV (Curaçao). Shallow-37 m. WA (continental).

Literature: *Xanthias vestitus* Rathbun, 1922: 103, Curaçao. - Rathbun 1924: 15, Curaçao - Accepted as *Xanthias inornatus* in WoRMS (2018).

Xanthias inornatus - Rathbun 1930: 464, Curaçao. - Rodríguez 1980: 365, Curaçao.

Remark: A poorly known species, reported by Rathbun (1930) only from Curaçao and Brazil (Cape São Roque), illustrated from Curaçao in Rathbun (1924: fig. 4, as *X. vestitus*).

Xanthodius parvulus (Fabricius, 1793)

Distribution: VGI (St Thomas), ICA (Guadeloupe, Barbados), IOV (Cubagua, Curaçao, Aruba). 1-2 m. WA.

Literature: *Chlorodius americanus* - Stimpson 1860: 209, Barbados. - Desbonne, in Desbonne & Schramm 1867: 32, Guadeloupe [One specimen located for this work in Desbonne dry collection in Paris, MNHN B18827; photo in Legall & Poupin, 2018] - Accepted as *Xanthodius parvulus* in WoRMS (2018).

Leptodius americanus - A. Milne-Edwards 1873-1881: 269, 'Antilles' - See Remark

Xanthodius parvulus - H. Milne Edwards 1834-1840: 395, 'Antilles'. - Rathbun 1920a: 19, Curaçao. - Rathbun 1921: 69, Barbados. - Rathbun 1924: 14, Curaçao - See Remark.

Panopeus parvulus (Fabricius) - Nobili 1898: 1, St Thomas - See Remark.

Leptodius parvulus - Rathbun 1930: 305, Barbados, Curaçao. - Rathbun 1936: 384, Curaçao, Aruba. - Rodríguez 1980: 357, Curaçao - See Remark.

Cataleptodius parvulus - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua - See Remark.

Remark: This species is listed as *Xanthodius americanus* (Saussure, 1858) in Felder *et al.* (2009) with comments (note 421) on the taxonomic status of *Xanthodius parvulus* (Fabricius, 1793) and *Xanthodius americanus* (Saussure, 1858). This decision is based on Guinot (1968) that has designated *Xanthodius americanus* as the valid species, following remarks in Monod (1956). However, it is not accepted by P. Davie (com. pers. 2017; integrated in WoRMS 2018), with this recommendation, followed herein: '*despite the fact that no one appears to have subsequently found and/or redescribed the types of Xanthodius parvulus, there does seem to be general agreement that the two species are definitely synonyms, and therefore simple priority must apply, thus Xanthodius parvulus (Fabricius, 1793) is the older and senior available name for Chlorodius americanus Saussure, 1857*'.

Superfamily Cryptochiroidea Paul'son, 1875

Family Cryptochiridae Paul'son, 1875

Kroppcarcinus siderastreicola Badaro, Neves, Castro & Johnsson, 2012

Distribution: IOV (Curaçao). 1-40 m. WA (continental).

Literature: *Kroppcarcinus siderastreicola* - Meij 2014: 1007, Curaçao. - Tienderen & Meij 2016: 6, tab. 1, Curaçao.

Opecarcinus hypostegus (Shaw & Hopkins, 1977)

Distribution: ICA (St Martin), IOV (Curaçao). 1-63 m. ATL.

Literature: *Opecarcinus hypostegus* - Meij 2014: 1007, Curaçao. - Tienderen & Meij 2016: 6, tab. 1, Curaçao.

Fieldwork: *Opecarcinus hypostegus* - Saint-Martin, RNN Inventory 18/04/2012, UF32243, photo Dstm_8014; 26/4/2012, no UF, photo Dstm_8800.

Troglocarcinus corallicola Verrill, 1908

Distribution: ICA (St Martin, Dominica), IOV (Curaçao). 1-75 m. ATL.

Literature: *Troglocarcinus corallicola* Verrill, 1908: 427, Dominica. - Kropp & Manning 1987: 14, Dominica, Curaçao. - Kropp 1988: 61, Dominica, Curaçao. - Meij 2014: 1007, Curaçao. - Tienderen & Meij 2016: 6, tab. 1, Curaçao.

Cryptochirus corallicola - Rathbun 1937: 262, Dominica.

Fieldwork: *Troglocarcinus corallicola* - Saint-Martin, RNN Inventory 2012, 17/04/2012, UF32183, photo Dstm_2935, UF32182, photo Dstm_2939; 21/04/2012, UF32415, photo Dstm_8191, UF32416, photo Dstm_8203, UF32414, photo Dstm_8209.

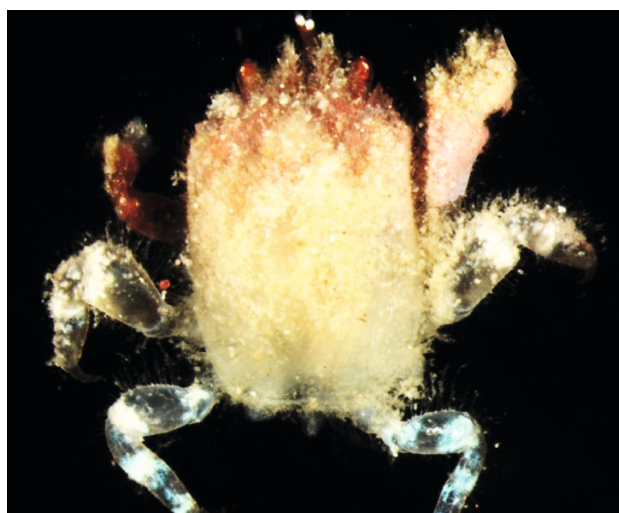


Figure 252: *Troglocarcinus corallicola*. Saint-Martin, RNN inventory 21/4/2012, UF32415. Photo Arthur Anker/Gustav Paulay.

Superfamily Grapsoidea MacLeay, 1838

Family Gecarcinidae MacLeay, 1838

Cardisoma guanhumi Latreille in Latreille, Le Peletier, Serville & Guérin, 1828

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Martin, St Barthélemy, Montserrat, Guadeloupe, Martinique, Dominica,

Barbados, Grenada, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). Terrestrial. WA.

Literature: *Ocypode gigantea* Fréminville, 1835: 221, Virgin Islands, Martinique - Accepted as *Cardisoma guanhumii* in WoRMS (2018).

Cardisoma diurnum Gill, 1862(1858): 42, St Thomas, Barbados, Grenada - Accepted as *Cardisoma guanhumii* in WoRMS (2018).

Cardisoma guanhumii - H. Milne Edwards 1834-1840: 24, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 41, Guadeloupe. - Doflein 1899: 189, Martinique. - Rathbun 1918: 345, Curaçao. - Rathbun 1920a: 26, Curaçao. - Rathbun 1921: 78, Barbados. - Rathbun 1924: 18, Curaçao. - Rathbun 1933: 94, St Thomas. - Rathbun 1936: 387, Aruba. - Chace & Holthuis 1948: 26, Blanquilla, Bonaire, Curaçao, Aruba. - Chace 1956: 158, Los Roques. - Bullis & Thompson 1965: 12, Trinidad. - Chace & Hobbs 1969: 195, St Thomas, St John, St Croix, Montserrat, Dominica, Barbados, Trinidad, Los Roques, Curaçao. - Hagen 1977: 42, Trinidad. - Scelzo & Varela 1988: 36, Blanquilla. - Hernández *et al.* 1999: tab. 2, Margarita. - Yokoyama 2010: 103, St Martin. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 11, St Barthélemy. - Luque 2017: 154, fig. 3, Guadeloupe.

Fieldworks: *Cardisoma guanhumii* - Saint-Martin, RNN Inventory 2012, field notes without UF or photo. - Guadeloupe, KARUBENTHOS 2012, littoral and mangrove, det. J. Poupin, Besse March 2013, 2 specimens, MNHN-IU-2013-4462, 2 specimens, MNHN-IU-2013-4461, 1 sp. MNHN-IU-2013-5901, st. GM 09 (land); 1 female 60x74 mm, MNHN-IU-2013-4463, st. GM 15 (land). - Martinique 2015, specimen(s) caught with local traps, photo Y. Buske; BIOSPHERES 2015, photos in mangrove Caravelle, J. Poupin.

Gecarcinus lateralis Fréminville in Guérin, 1832

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, St Barthélemy, ?St Eustatius, Montserrat, Guadeloupe, Isla de Aves, Dominica, Martinique, St Lucia, Barbados), IOV (Blanquilla, Tortuga, Orchila, Los Roques, Bonaire, Curaçao, Aruba). Terrestrial. WA-EP (for EP distribution see note 458 in Felder *et al.* 2009).

Literature: *Ocypoda lateralis* Fréminville, 1835: 224, Guadeloupe (Marie Galante, Saintes, Désirade), Martinique.

Gecarcinus lateralis - H. Milne Edwards 1834-1840: 27, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 42, Guadeloupe. - Pocock 1889: 6, Dominica. - Verrill 1892: 353, Dominica. - Rathbun

1918: 358, St Lucia. - Rathbun 1921: 79, Barbados. - Rathbun 1924: 19, Curaçao. - Rathbun 1936: 388, Bonaire, Curaçao. - Chace & Holthuis 1948: 26, Aves, Tortuga, Los Roques, Bonaire, Curaçao, Aruba. - Chace 1956: 159, Orchila, Los Roques. - Chace & Hobbs 1969: 198, St Thomas, St Croix, Montserrat, Guadeloupe, Dominica, St Lucia, Barbados, Orchila, Los Roques, Bonaire, Curaçao, Aruba. - Rodríguez 1980: 403, Isla de Aves. - Scelzo & Varela 1988: 36, Blanquilla. - García *et al.* 1998: 27, tab. 1, Isla de Aves. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 11, St Barthélemy. - Perger & Wall 2014: Guadeloupe, Martinique. - Luque 2017: 154, fig. 3, Guadeloupe.

Gecarcinus (Gecarcinus) lateralis - Turkey 1970: 337, St Thomas, Guadeloupe, Dominica. - Turkey 1973: 972, Guadeloupe, Martinique.

Gecarcinus sp. - Faasse 2016: 52, St Eustatius [Tentatively listed herein as *G. ?lateralis*].

Fieldworks: *Gecarcinus lateralis* - Saint-Martin, RNN Inventory 15/04/2012, UF32045, photo Dstm_5324 (first id. as *G. ?ruricola*). - Guadeloupe, KARUBENTHOS 2012, littoral and mangrove, det. J. Poupin, Besse March 2013, 1 sp., MNHN-IU-2013-6896, 1 sp., MNHN-IU-2013-6897, 1 sp., MNHN-IU-2013-6898, 1 sp., MNHN-IU-2013-6899, recorded st. GM 05 (mangrove) but probably st. GM 09 (land) instead (from field notes); 1 male, MNHN-IU-2013-6725, 6 spp., MNHN-IU-2013-6724, st. GM 07 (land); 1 male 24.4 x 30.2 mm, MNHN-IU-2013-4459, 1 sp. MNHN-IU-2013-4460, st. GM 09 (land); 1 sp., MNHN-IU-2013-4525, 1 sp., MNHN-IU-2013-6894, 1 sp., MNHN-IU-2013-6895, st. GM 16 (land); 1 sp., MNHN-IU-2013-4526, st. GM 31 (land); 1 juv., MNHN-IU-2013-4527, st. GM 37 (land).

Gecarcinus ruricola (Linnaeus, 1758)

Distribution: VGI (St Croix); ICA (?St Martin, St Barthélemy, Saba, Montserrat, Guadeloupe, Martinique, Dominica, Barbados); IOV (Blanquilla, Bonaire, Curaçao, Aruba). Terrestrial. WA.

Literature: *Gecarcinus ruricola* - H. Milne Edwards 1837 (1834-1840): 26, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 42, Guadeloupe. - Pocock 1889: 7, Dominica. - Verrill 1892: 353, Dominica. - Doflein 1899: 181, Martinique. - Rathbun 1918: 354, Barbados, Curaçao. - Rathbun 1920a: 25, Curaçao. - Rathbun 1924: 19, Curaçao. - Rathbun 1936: 387, Bonaire, Curaçao, Aruba. - Chace & Holthuis 1948: 26, Bonaire, Curaçao, Aruba. - Chace & Hobbs 1969: 201, St Croix, Saba, Montserrat, Dominica, Barbados,



Figure 253: *Cardisoma guanhumii*. Guadeloupe, KARUBENTHOS 2012, land, st. GM09, MNHN-IU-2013-4462. Photo Joseph Poupin.



Figure 254: *Gecarcinus ruricola*. Agence territoriale de l'environnement, St Barthélemy. Photo Karl Questel.

Curaçao. - Scelzo & Varela 1988: 36, Blanquilla. - Yokoyama 2010: 103, St Martin [Color photo, probably in error for *G. lateralis*, re-det. J. Poupin]. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 12, St Barthélemy.

Remark: No comparison specimens examined for this work to separate *G. lateralis* and *G. rucicola*. According to key in Chace & Hobbs (1969) there are only 4 rows of spines on dactyls of walking legs in *G. lateralis* versus 6 in *G. rucicola*. Based on photographs examined from St Barthélemy (2017, courtesy K. Questel) *G. rucicola* is also distinct from *G. lateralis* by:

- larger size;
- merus of third maxilliped rounded distally without emargination or notch;
- merus of cheliped longer with denticles on inner lower margin;
- carpus of cheliped with denticles on inner upper margin;
- color rather variable, from dark purple to cream, but not with the orange coloration most often seen in *G. lateralis*.

Family Grapsidae MacLeay, 1838

Geograpsus lividus (H. Milne Edwards, 1837)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Saba, Guadeloupe, Isla de Aves, Dominica, Martinique, St Lucia, Barbados, Trinidad, IOV (Margarita, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). Terrestrial - Intertidal. WA.

Literature: *Geograpsus lividus* H. Milne Edwards, 1837 (1834-1840): 85, 'Habite les Antilles'. - Doflein 1899: 181, Martinique.

Geograpsus lividus - Nobili 1898: 2, St Thomas. - Rathbun 1918: 232, St Thomas, St Lucia, Trinidad, Curaçao. - Rathbun 1920a: 24, Curaçao. - Rathbun 1921: 77, Barbados. - Rathbun 1924: 18, Curaçao. - Rathbun 1933: 87, St Thomas. - Rathbun 1936: 386, Bonaire. - Chace 1956: 158, Los Roques. - Chace & Hobbs 1969: 157, St Thomas, St Croix, Saba, Guadeloupe, Dominica, Martinique, St Lucia, Barbados, Trinidad, Los Roques, Curaçao. - Rodríguez 1980: 377, Margarita. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldworks: *Geograpsus lividus* - Saint-Martin, RNN Inventory, 15/04/2012, UF32046, photo Dstm_5318. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, Besse 2013, 1 sp., MNHN-IU-2013-6659, 1 sp., MNHN-IU-2013-4255, st. GM06 (intertidal); 4 spp., MNHN-IU-2013-6677, st. GM09 (intertidal); 2 spp., MNHN-IU-2013-6662, st. GM22 (intertidal).

Goniopsis cruentata (Latreille, 1803)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Guadeloupe, Dominica, Martinique, Barbados, Trinidad), IOV (Margarita, Cubagua, Los Roques, Curaçao). Terrestrial - Intertidal. WA.

Literature: *Grapsus cruentatus* - H. Milne Edwards 1834-1840: 85, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 48, Guadeloupe.

Goniopsis cruentata - Rathbun 1918: 238, Barbados, Curaçao. - Rathbun 1920a: 24, Curaçao. - Rathbun 1921: 77, Barbados. - Rathbun 1924: 18, Curaçao. - Chace 1956: 158, Los Roques. - Chace &

Hobbs 1969: 160, St Thomas, St Croix, Dominica, Barbados, Los Roques, Curacao. - Hagen 1977: 33, Trinidad. - Rodríguez 1980: 378, Margarita. - Hernández *et al.* 1999: tab. 2, Margarita. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Guinotia dentata - Monti *et al.* 2010: 32, 68, Guadeloupe - In part, not *Guinotia dentata* illustrated p. 69 which is probably *Goniopsis cruentata* instead.

Fieldworks: *Goniopsis cruentata* - Saint-Martin, RNN Inventory 16/04/2012, UF32164, photo Dstm_2775. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin Besse, 2013, in part, remains of carapace, chelae, legs (a separate pair of chelae is of *U. cordatus*) MNHN-IU-2013-6654, GM16 (mangrove). - Martinique 2016, photo in mangrove R. Marraud des Grottes.

Grapsus grapsus (Linnaeus, 1758)

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Martin, St Barthélemy, Guadeloupe, Isla de Aves, Dominica, Martinique, St Lucia, Barbados, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Orchila, Los Roques, Bonaire, Curaçao). Intertidal. WA-EP.

Literature: *Grapsus pictus* - H. Milne Edwards 1834-1840: 86, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 49, Guadeloupe - *Grapsus pictus* Lamarck, 1801 accepted as *Grapsus grapsus* in WoRMS (2018).

Grapsus maculatus H. Milne Edwards, 1853: 167, 'Antilles' - Accepted as *Grapsus grapsus* in WoRMS (2018).

Grapsus grapsus - Pocock 1889: 6, Dominica. - Rathbun 1918: 227, St Thomas, St Lucia, Trinidad, Curaçao. - Rathbun 1921: 77, Barbados. - Rathbun 1924: 18, Curaçao. - Rathbun 1933: 86, St Thomas, St Croix. - Rathbun 1936: 386, Bonaire, Curaçao. - Chace 1956: 157, Orchila. - Chace & Hobbs 1969: 166, St Thomas, St John, St Croix, Dominica, Martinique, St Lucia, Barbados, Trinidad, Los Roques, Bonaire, Curacao. - Rodríguez 1980: 376, Margarita. - Scelzo & Varela 1988: 36, Blanquilla. - García *et al.* 1998: 27, tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 12, St Barthélemy.



Figure 255: *Goniopsis cruentata*. Martinique, mangrove, 2016. Photo Roland Marraud des Grottes.

Fieldworks: *Grapsus grapsus* - Saint-Martin, RNN Inventory 15/04/2012, UF32044, photo Dstm_5297; 16/04/2012, UF32198, photo Dstm_5703; 20/04/2012, UF32358, photo Dstm_6597 - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, Besse 2013, 1 sp., MNHN-IU-2013-6658, st. GM 04 (intertidal); 2 spp., MNHN-IU-2013-4166, st. GM 07(intertidal); 4 spp., MNHN-IU-2013-4322, st. GM 08 (intertidal); 3 spp., MNHN-IU-2013-6674, st. GM 22 (intertidal).

Pachygrapsus corrugatus (von Martens, 1872)

Distribution: VGI (St Croix), ICA (Isla de Aves). Intertidal. WA (and central ATL).

Literature: *Pachygrapsus corrugatus* - Chace & Hobbs 1969: 167, St Croix. - García *et al.* 1998: tab. 1, Isla de Aves. - Poupin *et al.* 2005: 8, St Croix.

Pachygrapsus gracilis (Saussure, 1857)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Guadeloupe, Martinique, Trinidad), IOV (Margarita, Aruba). Intertidal. ATL.

Literature: *Metopograpsus gracilis* Saussure, 1857: 502, St Thomas. - Saussure 1858: 27/443, St Thomas.

Grapsus guadulpensis Desbonne, in Desbonne & Schramm, 1867: 48, Guadeloupe - Accepted as *Pachygrapsus gracilis* in WoRMS (2018).

Pachygrapsus gracilis - Rathbun 1933: 89, St Thomas. - Rathbun 1936: 387, Aruba. - Chace & Hobbs 1969: 167, St Thomas, St Croix. - Hagen 1977: 39, Trinidad. - Hernández *et al.* 1999: tab. 2, Margarita. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldworks: *Pachygrapsus gracilis* - Saint-Martin, RNN Inventory 16/04/2012, UF32165, photo Dstm_2787. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, Besse 2013, 2 spp., MNHN-IU-2013-4426, 1 sp., MNHN-IU-2013-6672, st. GM 01 (intertidal); 1 sp., MNHN-IU-2013-4316, 12 spp., MNHN-IU-2013-6656, st. GM 03 (intertidal); 3 spp., MNHN-IU-2013-6653, 1 sp., MNHN-IU-2013-4160, st. GM 05 (intertidal); 1 sp., MNHN-IU-2013-16319, st. GM 10; 1 sp., MNHN-IU-2013-4161, 1 sp., MNHN-IU-2013-4162, 6 spp., MNHN-IU-2013-4788, st. GM 15 (intertidal).

Pachygrapsus transversus (Gibbes, 1850)

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Martin, Antigua, Guadeloupe, Isla de Aves, Martinique, Barbados, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Bonaire, Curaçao, Aruba). Intertidal. ATL.

Literature: *Metopograpsus dubius* Saussure, 1858: 445, St Thomas - Accepted as *Pachygrapsus transversus* in WoRMS (2018).

Metopograpsus miniatus Saussure, 1857: 503, St Thomas. - Saussure 1858: 28/444, St Thomas - Accepted as *Pachygrapsus transversus* in WoRMS (2018).

Pachygrapsus transversus - Nobili 1898: 2, St Thomas. - Rathbun 1918: 245, St Thomas, Trinidad, Curaçao. - Rathbun 1920a: 24, Curaçao. - Rathbun 1921: 77, Antigua, Barbados. - Rathbun 1924: 18, Curaçao. - Rathbun 1933: 88, St Thomas, St Croix. - Rathbun 1936: 387, Bonaire, Curaçao, Aruba. - Chace & Hobbs 1969: St Thomas, St John, St Croix, Antigua, Guadeloupe, Martinique, Barbados, Trinidad, Curaçao. - Rodríguez 1980: 380, Margarita. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et*

al. 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldworks: *Pachygrapsus transversus* - Saint-Martin, RNN Inventory 10/04/2012, UF31866, photo Dstm_0530; 20/04/2012, UF32328, photo Dstm_3826. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, Besse 2013; 1 sp., MNHN-IU-2013-4368, st. GM 02 (intertidal); 1 sp., MNHN-IU-2013-4376, 7 spp., MNHN-IU-2013-6660, st. GM 06 (intertidal); 1 sp., MNHN-IU-2013-6668, st. GM 07 (intertidal); 1 sp., MNHN-IU-2013-4319, 6 spp., MNHN-IU-2013-4903, st. GM 08 (intertidal); 2 spp., MNHN-IU-2013-4315, 1 sp., MNHN-IU-2013-4372, st. GM 09 (intertidal); 1 sp., MNHN-IU-2013-4371, 1 sp., MNHN-IU-2013-4931, 2 spp., MNHN-IU-2013-6676, st. GM 10 (intertidal); 1 sp., MNHN-IU-2013-4789, 1 sp., MNHN-IU-2013-6667, st. GM 17 (intertidal); 1 sp., MNHN-IU-2013-16318, st. GM 18 (intertidal); 3 spp., MNHN-IU-2013-4321, st. GM 27 (intertidal); 1 sp., MNHN-IU-2013-4170, st. GM 37 (intertidal).

Remark: EP records of this species are now accepted as *P. socius* (see Schubart *et al.* 2005).

Planes major (MacLeay, 1838)

Distribution: ICA (Guadeloupe). Pelagic (neustonic, on floating objects). Pantropical.

Fieldwork: *Planes major* - Guadeloupe, KARUBENTHOS 2012, no station data, coll. D. Lamy, Baie Porte Enfer, 2012, subsurface, 0.5 m, 1 female, MNHN-IU-2013-4171, det. J. Poupin with hesitation [carapace feebly striated as in *P. major* but with lateral margins not strongly convex, more or less subquadratic, like in *P. marinus*].

Remark: In WA this species is also reported as *Planes cyaneus* Dana, 1852 (e.g. Prado & Melo 2002; Felder *et al.* 2009). Following Ng & Ahyong (2001) and WoRMS (2018) *P. cyaneus* Dana should be now accepted as *Planes major* (MacLeay). The 3 currently accepted species in *Planes* (*P. major*, *P. marinus*, *P. minutus*) can be easily confused because of intra-specific variations. It seems, from present review, that Lesser Antilles are the single place in the world where they appear sympatrically, what should probably be verified with the study of more specimens.



Figure 256: *Pachygrapsus transversus* Guadeloupe, KARUBENTHOS 2012, st. GM 10 (intertidal), MNHN-IU-2013-6676. Photo Joseph Poupin/Laure Corbari.

Planes marinus Rathbun, 1914

Distribution: ICA (St Martin). Pelagic (neustonic, floating objects). Pantropical.

Fieldwork: *Planes marinus* - Saint-Martin, RNN Inventory 20/04/2012, UF32333, photo Dstm_6423.

Remark: Based on photo and comparison with figure in Chace (1951: 69, fig. 1c), St Martin specimen is obviously *P. marinus* with carapace subquadratic and branchial areas striated (see Prado & Melo 2002: tab. 2). This species already reported from WA (Brazil) by Prado & Melo (2002).



Figure 257: *Planes marinus*. Saint-Martin, RNN Inventory, 20/4/2012, UF32333. Photo Arthur Anker/Gustav Paulay.

Planes minutus (Linnaeus, 1758)

Distribution: VGI (St Thomas), ICA (Anguilla). Pelagic (neustonic, floating objects). Pantropical.

Literature: *Nautilograpsus minutus* - Miers 1886: 254, Anguilla (off Sombrero).

Planes minutus - Rathbun 1918: 253, 256, St Thomas. - Rathbun 1933: 89, St Thomas. - Chace 1951: 86, tab. 4, St Thomas.

Family Percnidae Števcíć, 2005

Percnon gibbesi (H. Milne Edwards, 1853)

Distribution: VGI (St Croix), ICA (St Martin, St Barthélemy, St Eustatius, Guadeloupe, Isla de Aves, Martinique), IOV (Margarita, Blanquilla, Cubagua, Tortuga, Los Roques, Bonaire, Curaçao). 1-15 m, subtidal. ATL-EP.

Literature: *Acanthopus gibbesi* H. Milne Edwards, 1853: 180, type locality 'Antilles'.

Plagusia clavimana - Desbonne, in Desbonne & Schramm 1867: 50, Guadeloupe - Probably not *Plagusia clavimana* Lamarck, 1806 accepted in WoRMS (2018) as *Percnon planissimum* (Herbst, 1804) which is an IWP species, but *P. gibbesi*, the WA analogous species common in Guadeloupe.

Percnon gibbesi - Rathbun 1920a: 25, Curaçao. - Rathbun 1921: 78, Antigua, Barbados. - Rathbun 1924: 18, Curaçao. - Rathbun 1933: 93, St Croix. - Rathbun 1936: 387, Bonaire, Curaçao. - Rodríguez 1980: 399, Los Roques. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007:

appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Questel 2014: 13, St Barthélemy. - Faasse 2016: 52, St Eustatius.

Fieldworks: *Percnon gibbesi* - Saint-Martin, RNN Inventory 9/04/2012, UF31847, photo Dstm_0300; 11/04/2012, UF31911, photo Dstm_1169. - Guadeloupe, KARUBENTHOS 2012 (1-15 m), det. J. Poupin, Besse 2013; 1 sp., MNHN-IU-2013-4168, st. GB34 (10 m); 1 male 24.6x23.6 mm, MNHN-IU-2013-4167, 1 female ov., MNHN-IU-2013-4169, st. GM 06 (1 m); 1 juvenile, MNHN-IU-2013-4157, st. GM 17 (1 m); 1 male, MNHN-IU-2013-4165, 1 male, 2 females, 1 juvenile, MNHN-IU-2013-6663, st. GM 31 (2 m); 1 sp., MNHN-IU-2013-4370, st. GM 33 (6 m); 1 male, MNHN-IU-2013-6661, st. GM 34 (1 m); 1 juvenile, MNHN-IU-2013-6655, 1 male, MNHN-IU-2013-6657, st. GR03 (6 m); 1 juvenile, MNHN-IU-2013-4156, st. GR31 (14 m); 1 female, MNHN-IU-2013-4320, st. GR37 (16 m); 2 males, MNHN-IU-2013-6664, st. GR49 (15 m). - Martinique, photo in situ Y. Buske; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Family Plagusiidae Dana, 1851

Euchirograpsus americanus A. Milne-Edwards, 1880

Distribution: ICA (Guadeloupe, St Lucia, Barbados). 30-508 m. WA.

Literature: *Euchirograpsus americanus* A. Milne-Edwards, 1880: 18, Barbados. - Rathbun 1918: 282, St Lucia, Barbados. - Rathbun 1921: 78, Barbados. - A. Milne-Edwards & Bouvier 1923: 351, Barbados.

Fieldwork: *Euchirograpsus americanus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, 1 female 8.9x9.6 mm, MNHN-IU-2013-16317, st. GD70 (100 m).

Remark: Specimen from Guadeloupe (MNHN-IU-2013-16317) is very similar to *Euchirograpsus antillensis* Türkay, 1975, also reported from Guadeloupe (Poupin 1994; R/V Polka, trap 148 m). The determination is based on the armature of P2 merus (distoventral spines) following illustrations given by Türkay (1975: 113, fig. 16a-b) for both species.



Figure 258: *Percnon gibbesi*. Martinique, shallow water. Photo Yan Buske.

Euchirograpsus antillensis Türkay, 1975

Distribution: ICA (Guadeloupe). 183-430 m. WA.

Literature: *Euchirograpsus antillensis* - Poupin 1994: 49, Guadeloupe.

Plagusia depressa (Fabricius, 1775)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Guadeloupe, Isla de Aves, Dominica, Martinique, Barbados, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Bonaire, Curaçao). 1-5 m, subtidal. ATL.

Literature: *Plagusia squamosa* - Desbonne, in Desbonne & Schramm 1867: 50, Guadeloupe - Not *Plagusia squamosa* (Herbst, 1790), an IWP species; corrected herein into *Plagusia depressa*, common in Guadeloupe.

Plagusia depressa - Rathbun 1918: 332, St Thomas, St Croix, Bonaire, Curaçao. - Rathbun 1920a: 25, Klein Bonaire, Curaçao. - Rathbun 1921: 78, Barbados. - Rathbun 1924: 18, Curaçao. - Rathbun 1933: 93, St Thomas, St Croix. - Rathbun 1936: 387, Bonaire. - Chace & Hobbs 1969: 192, St Thomas, St Croix, Dominica, Martinique, Barbados, Trinidad, Curaçao. - Rodríguez 1980: 398, Margarita. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldworks: *Plagusia depressa* - Saint-Martin, RNN Inventory 15/04/2012, UF32042, photo Dstm_5310. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, Besse 2013, 1 female ov., MNHN-IU-2013-4164, st. GM 07 (1 m); 1 female ov., MNHN-IU-2013-6665, st. GM 10 (1 m); 1 juvenile, MNHN-IU-2013-4163, st. GM 17 (1 m); 1 male, MNHN-IU-2013-6673, st. GM 22 (1 m).

Family Sesarmidae Dana, 1851

Aratus pisonii (H. Milne Edwards, 1837)

Distribution: VGI (St Croix), ICA (St Martin, Antigua, Guadeloupe, Martinique, Trinidad), IOV (Margarita, Tortuga, Los Roques, Bonaire, Curaçao). Terrestrial - Intertidal (mangrove). WA.

Literature: *Sesarma pisonii* H. Milne Edwards, 1837 (1834-1840): 76, 'Habite les Antilles' [include Martinique, see Thiercelin & Schubart 2014]. - Desbonne, in Desbonne & Schramm 1867: 47, Guadeloupe.

Aratus pisonii - Rathbun 1918: 323, Curaçao. - Rathbun 1920a: 24, Curaçao. - Rathbun 1921: 78, Antigua. - Rathbun 1924: 18, Curaçao. - Rathbun 1936: 387, Bonaire. - Chace 1956: 158, Los Roques. - Chace & Hobbs 1969: 173, St Croix, Antigua, Guadeloupe, Margarita, Los Roques, Curaçao. - Hagen 1977: 34, Trinidad. - Rodríguez 1980: 396, Margarita, Curaçao. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Yokoyama 2010: 102, St Martin. - Thiercelin & Schubart 2014: 548, Martinique [Type locality, lectotype selected by Ng *et al.* (in prep.) from dry type series MNHN B3341].

Fieldworks: *Aratus pisonii* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin; 1 male, 2 females, MNHN-IU-2013-4424; 1 male 23.2x23.3 mm, MNHN-IU-2013-4427, st. GM 05 (mangrove); 2 males,

1 juvenile, MNHN-IU-2013-4425, st. GM 15 (mangrove). - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Remark: Former EP records of this species (Nicaragua to Peru) are now accepted as *Aratus pacificus* Thiercelin & Schubart, 2014.

Armases angustipes (Dana, 1852)

Distribution: ICA (Trinidad). Terrestrial - Intertidal (mangrove). WA (continental).

Literature: *Armases angustipes* - Hagen 1977: 38, Trinidad. - Abele 1992: 40, Trinidad.

Armases miersii (Rathbun, 1897)

Distribution: ICA (Dominica), IOV (Aruba). Intertidal. WA.

Literature: *Sesarma miersii* - Rathbun 1920a: 24, Aruba.

Sesarma (Holometopus) miersii - Chace & Hobbs 1969: 180, Dominica.

Armases ricordi (H. Milne Edwards, 1853)

Distribution: VGI (St Thomas, St John, St Croix), ICA (St Martin, Guadeloupe, Martinique, Tobago, Trinidad), IOV (Margarita, Cubagua, Tortuga, Los Roques, Curaçao). Terrestrial - Intertidal (mangrove). WA.

Literature: *Sesarma miniata* Saussure, 1857: 306, St Thomas. - Saussure 1858: 442, St Thomas - Accepted as *Armases ricordi* in WoRMS (2018).

Sesarma cinerea - Desbonne, in Desbonne & Schramm 1867: 46. - Doflein 1899: 181 (Martinique) - Probably not *Armases cinereum* (Bosc, 1802) but *A. ricordi* instead, see Remark.

Sesarma (Holometopus) ricordi - Rathbun 1918: 308, Curaçao, St Thomas, St Croix, Martinique, Trinidad. - Rathbun 1933: 91, St Thomas, St Croix (Buck Island). - Chace & Holthuis 1948: 25, Los Roques. - Chace 1956: 158, Los Roques. - Chace & Hobbs 1969: 183, St Thomas, St Croix, Martinique, Trinidad, Curaçao. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Sesarma ricordi - Hagen 1977: 37, Trinidad. - Rodríguez 1980: 393, Martinique, Trinidad, Curaçao.

Armases ricordi - Abele 1992: 32, St Thomas, St John, St Croix, Tobago, Trinidad. - Hernández & Bolaños 1995a: 77, Margarita. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua.



Figure 259: *Aratus pisonii*. Martinique, coll. Y. Buske, mangrove Caravelle, November 23, 2015. Photo Joseph Poupin.



Figure 260: *Armases ricordi*. Guadeloupe, KARUBENTHOS 2012, st. GM03 (intertidal), MNHN-IU-2013-4374. Photo Joseph Poupin.

Fieldworks: *Armases ricordi* - Saint-Martin, RNN Inventory 16/04/2012, UF32159, photo Dstm_2687, UF32158, photo Dstm_2690; 25/04/2012, UF32585, photo Dstm_7715, UF32584, photo Dstm_7723. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, 1 female ov., 1 male 15.1x16.6 mm, MNHN-IU-2013-6669, st. GM01 (intertidal); 1 male, MNHN-IU-2013-4430, 1 male 9.0x9. mm, MNHN-IU-2013-4431, st. GM02 (intertidal); 1 male 11.7x12.7 mm, MNHN-IU-2013-4373, 1 male 13.4x14.1 mm, 4 spp., MNHN-IU-2013-4374, 1 sp., MNHN-IU-2013-4375, st. GM03 (intertidal); 1 sp., MNHN-IU-2013-4159, st. GM05 (intertidal); 3 spp., MNHN-IU-2013-4429, 1 sp. (photo), MNHN-IU-2013-6670, st. GM06 (intertidal); 1 female ov., 1 juv., MNHN-IU-2013-4428, 1 sp., MNHN-IU-2013-4798, st. GM09 (intertidal).

Remark: Presence of *Armases cinereum* in West Indies is doubtful. Abele (1992: 32) indicates that: 'Records of this species (*A. cinereum*) from the West Indies and elsewhere were based on misidentified material'. *Armases cinereum* is affiliated (Abele 1973: 378) to *A. ricordi*, a species common in Guadeloupe. Desbonne's record of *Sesarma cinerea* in Guadeloupe is, therefore, probably erroneous for *A. ricordi*.

Armases roberti (H. Milne Edwards, 1853)

Distribution: VGI (St Thomas, St Croix), ICA (Dominica, Guadeloupe, Martinique, St Lucia, Barbados, Trinidad). Terrestrial - Intertidal (mangrove). WA.

Literature: *Sesarma americana* de Saussure, 1857: 305, St Thomas. - Saussure 1858: 441, St Thomas (probably an error cf. Abele 1992: 38). - Pocock 1889: 7, Dominica - Not *Armases americanum* (Saussure, 1858) but probably *Armases roberti* instead. See Remark.

Sesarma (Holometopus) roberti - Rathbun 1918: 312, Dominica, Martinique, St Lucia. - Chace & Hobbs 1969: 184, St Thomas, St Croix, Dominica, Martinique, St Lucia, Barbados, Trinidad.

Sesarma (Holometopus) americanum - Chace & Hobbs 1969: 178, St Thomas - See Remark.

Sesarma (Holometopus) angustipes - Rathbun 1933: 91, St Thomas. Not *Sesarma angustipes* Dana, 1852, but *S. roberti* instead, cf. Abele (1992).

Sesarma (Holometopus) roberti - Chace & Holthuis 1948: 25, Trinidad. - Hagen 1977: 36, Trinidad. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Armases (Holometopus) roberti - Carré 2005: 23, Martinique [also *Armases sp.*].

Remark: Abele (1992: 38) indicates that '*Armases americanum* is similar morphologically and ecologically to *A. roberti*. They can be easily distinguished by the male gonopods and female gonopores ... Reexamination of material in various museums has shown all mainland material identified as *A. roberti* actually to be *A. americanum*, and all West Indian material identified as *A. americanum* to be *A. roberti*. At present *A. americanum* appears to be absent from the West Indies and *A. roberti* absent from the mainland'.

Armases rubripes (Rathbun, 1897)

Distribution: IOV (Guadeloupe, Trinidad). Terrestrial - Intertidal (mangrove). WA (continental?).

Literature: *Metasesarma rubripes* - Rathbun 1918: 319, Trinidad. - Chace & Hobbs 1969: 175, Trinidad. - Hagen 1977: 36, Trinidad. - Rodríguez 1980: 394, Trinidad.

Fieldwork: *Armases rubripes* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin (with examination of male pleopod), 1 male 8.1x9.3 mm, MNHN-IU-2013-4159, st. GM05 (mangrove).

Sesarma curacaoense de Man, 1892

Distribution: ICA (Trinidad), IOV (Curaçao). Terrestrial - Intertidal (mangrove). WA (continental).

Literature: *Sesarma (Sesarma) curacaoense* - Rathbun 1918: 293, Curaçao. - Rathbun 1933: 90, Curaçao. - Chace & Hobbs 1969: 188, Curaçao.

Sesarma curacaoense - Rodríguez 1980: 382, Curaçao. - Abele 1992: 12, Trinidad, Curaçao.

Sesarma rectum Randall, 1840

Distribution: ICA (Tobago, Trinidad). Terrestrial - Intertidal (mangrove). WA (continental).

Literature: *Sesarma (Holometopus) rectum* - Rathbun 1918: 298, Trinidad. - Chace & Hobbs 1969: 182, Tobago, Trinidad. - Abele 1992: 15, Trinidad, Tobago.

Family Varunidae H. Milne Edwards, 1853

Cyclograpsus integer H. Milne Edwards, 1837

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, Dominica, Guadeloupe), IOV (Cubagua, Tortuga, Los Roques). Intertidal. Pantropical.

Literature: *Cyclograpsus integer* - Nobili 1898: 2, St Thomas. - Chace 1956: 158, Los Roques. - Chace & Hobbs 1969: 175, St Croix, Dominica, Los Roques. - Rodríguez 1980: 397, Los Roques. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldworks: *Cyclograpsus integer* - Saint-Martin, RNN Inventory 15/04/2012, UF32142, photo Dstm_5337; UF32143, photo Dstm_5353. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, Besse 2013, 1 sp., MNHN-IU-2013-4369, 1 sp., MNHN-IU-2013-4790, 1 sp., MNHN-IU-2013-4791, 8 spp., MNHN-IU-2013-6675, st. GM 18 (intertidal); 3 spp., MNHN-IU-2013-6678, 1 sp., MNHN-IU-2013-4158, 1 sp., MNHN-IU-2013-4902, st. GM 27 (intertidal); 1 sp. MNHN-IU-2013-16320, st. GM 27.

Superfamily Ocypodoidea Rafinesque, 1815

Family Ocypodidae Rafinesque, 1815

Leptuca cumulanta (Crane, 1943)

Distribution: ICA (?Guadeloupe, Trinidad), IOV (?Bonaire, Curaçao). Intertidal. WA (continental?).

Literature: *Uca speciosa* - Rathbun 1924: 19, Curaçao. - Hagen 1970: 227, Curaçao - Probably not *Leptuca speciosa* (Ives, 1891) but *Leptuca cumulanta* instead; see Remark.

Uca spinicarpa - Rathbun 1936: 388, Bonaire.- Chace & Holthuis 1948: 27, Bonaire - Probably not *Leptuca spinicarpus* (Rathbun, 1900) with geographic range probably limited to the Gulf of Mexico (cf. Felder *et al.* 2009; Bezerra & Coehlo 2010). Possibly *L. cumulanta* instead.

Uca cumulanta - Chace & Hobbs 1969: 211, Curaçao. - Hagen 1970: 226, Trinidad, Curaçao. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982; doubtful, see Remark].

Uca (Leptuca) cumulanta - Crane 1975: 242, 608, Trinidad, Curaçao. - Bezerra 2012: 231, Trinidad, Curaçao.

Remark: About *Leptuca speciosa* (Ives, 1891) Crane (1975: 238) indicates that: 'The specimens previously recorded from the island of Curacao are all representatives of the allopatric species, *cumulanta*, as is the single record from Jamaica'.

Hagen (1970) and Crane (1975) indicate that *L. cumulanta* is a 'continental species' present in Curaçao and Trinidad, and 'apparently absent from any other islands in the Caribbean'; in that context, the single record of *L. cumulanta* in Guadeloupe, not verified herein, appears doubtful and needs confirmation.

Shih *et al.* (2016) can be consulted for elevation of *Leptuca* from subgenus to genus.

Leptuca leptodactyla (Rathbun, in Rankin, 1898)

Distribution: VGI (St Thomas, St Croix, St John), ICA (Guadeloupe, Martinique, Trinidad, Tobago), IOV (Curaçao, Aruba). Intertidal. WA.

Literature: *Uca leptodactyla* - Rathbun 1924: 19, Curaçao. - Rathbun 1936: 388, Aruba. - Chace & Hobbs 1969: 212, St Croix. - Hagen 1970: 227, Trinidad. - Carré 2005: 23, Martinique. - Thurman *et al.* 2010: tab. 1, St Thomas, St John.

Uca (Celuca) [Leptodactyla] leptodactyla - Crane 1975: 304, 306, 613 Tobago, Trinidad, Curaçao.

Uca (Leptuca) leptodactyla - Bezerra 2012: 233, St Croix, Trinidad.



Figure 261: *Cyclograpsus integer*. Guadeloupe, KARUBENTHOS 2012, st. GM 18 (intertidal), MNHN-IU-2013-4369. Photo Joseph Poupin.

Fieldwork: *Leptuca leptodactyla* - Guadeloupe, KARUBENTHOS 2012, re-det. J. Poupin/D. L. Felder, corrected from *U. rapax*; st. GM 18 (fine sand, upper littoral at river mouth), 1 male 5.5x8.5 mm, MNHN-IU-2013-5069, 1 female, MNHN-IU-2013-5189, 2 males, 1 female, MNHN-IU-2013-5188.

Leptuca thayeri (Rathbun, 1900)

Distribution: VGI (St John), ICA (Guadeloupe, Martinique, Trinidad, Tobago), IOV (Curaçao). Intertidal. WA.

Literature: *Gelasimus palustris* H. Milne Edwards, 1852: 148, 'Antilles', in part Martinique - *Gelasimus palustris* H. Milne Edwards, 1852 is accepted in WoRMS (2018) as *Minuca rapax* (Smith, 1870) but Crane (1975: 325) indicates that '1 dry specimen from Martinique in MNHN labeled *U. palustris* is *U. thayeri*'.

Uca thayeri - Chace & Hobbs 1969: 216, Guadeloupe, Curaçao. - Hagen 1970: 226, Guadeloupe, Trinidad, Curaçao. - Rodríguez 1980: 410, Curaçao. - Carré 2005: 23, Martinique. - Thurman *et al.* 2010: tab. 1, St John.

Uca (Boboruca) thayeri - Crane 1975: 112, Guadeloupe, Tobago, Trinidad, Curaçao.

Uca (Minuca) thayeri - Bezerra 2012: 224, Trinidad.

Fieldwork: *Uca thayeri* - Martinique, BIOSPHERES 2015, coll. & det. J. Poupin; March 2016, Etang du Galion, field photo R. Marraud des Grottes, det. J. Poupin.



Figure 262: *Leptuca thayeri*. Martinique, November 23, 2015, mangrove Caravelle. Photo Joseph Poupin.

Minuca burgersi Holthuis, 1967

Distribution: VGI (St Thomas, St Croix, St John, Tortola), ICA (Anguilla, St Martin, St Barthélemy, Barbuda, Nevis, Antigua, Guadeloupe, Isla de Aves, Dominica, ?Martinique, Barbados, Tobago, Trinidad), IOV (Bonaire, Curaçao, Aruba). Intertidal. WA.

Literature: *Gelasimus affinis* Streets, 1872: 131, St Martin - Accepted as *Minuca burgersi* in WoRMS (2018).

Gelasimus palustris H. Milne Edwards, 1852, in part, Guadeloupe (Marie Galante) - *Gelasimus palustris* H. Milne Edwards, 1852 is accepted in WoRMS (2018) as *Minuca rapax* (Smith, 1870) but Crane (1975: 325) indicates that '2 dry specimens from Marie Galante in MNHN are *U. burgersi*'.

Uca mordax - Rathbun 1918: 391, St Croix, St Thomas. - Rathbun 1933: 97, St Thomas, St Croix. - Not *Minuca mordax* (Smith, 1870) for these localities, probably *M. burgersi* instead (cf. Holthuis 1967: 52, discussion); Crane (1975: 174) also indicates that *U. mordax* is mostly a 'continental' species, except for Trinidad.

Uca burgersi Holthuis, 1967: 51, St Thomas, St Croix, Anguilla, St Martin, Nevis, Barbuda, Antigua, Isla de Aves, Tobago, Trinidad, Bonaire, Curaçao, Aruba. - Chace & Hobbs 1969: 207, St Thomas, St Croix, Anguilla, St Martin, Barbuda, Nevis, Antigua, Guadeloupe, Isla Aves, Dominica, Barbados, Tobago, Bonaire, Curaçao, Aruba. - Hagen 1970: 225, Trinidad, Bonaire, Curaçao, Aruba. - Rodríguez 1980: 412, Isla de Aves, Bonaire, Curaçao. - Thurman *et al.* 2010: tab. 1, St Thomas, St John.

Uca (Minuca) burgersi - Crane 1975: 171, 561, 603, St Croix, St Thomas, Antigua, Barbados, Tobago, Curaçao. - Bezerra 2012: 216, St Thomas, Tortola (Guana), Guadeloupe, Barbados, Trinidad, Aruba. - Questel 2014: 13, St Barthélemy.

Uca sp. - Carré 2005: 20, Martinique [photo bottom left; perhaps *U. burgersi*, tentative det. from photo J. Poupin 2015].

Fieldworks: *Uca burgersi* - Saint-Martin, RNN Inventory 25/04/2012, det. from photos, J. Poupin, 2014, UF32582, photo Dstm_7731; UF32581, photo Dstm_7737. - Guadeloupe, KARUBENTHOS 2012, re-det. J. Poupin, D. L. Felder (corrected from *U. rapax*); st. GM09 (shoreline mudflats), 1 female 7.8x10.8 mm, MNHN-IU-2013-4998; st. GM22 (brackish pond separated from sea, mudflats), 1 male, MNHN-IU-2013-4995, 1 male, MNHN-IU-2013-6854, 32 spp., small sizes, MNHN-IU-2013-6804, 1 female, MNHN-IU-2013-6852, 1 female, MNHN-IU-2013-5068.

Minuca mordax (Smith, 1870)

Distribution: ICA (?Antigua, ?Barbados, Trinidad), IOV (?Bonaire). Intertidal. WA (continental?).

Literature: *Uca mordax* - Rathbun 1921: 79, Antigua, Barbados. - Rathbun 1936: 388, Bonaire. - Chace & Holthuis 1948: 27, Bonaire. - Hagen 1970: 225, Trinidad.

Uca (Minuca) mordax - Crane 1975: 173, 604, Trinidad. - Bezerra 2012: 219, Trinidad.

Remark: Records from Antigua, Barbados, Bonaire not retrieved in Crane (1975) and presence of *M. mordax* in these Islands doubtful because *M. mordax* is mostly a continental species (including Trinidad). These records are probably *M. burgersi* instead (cf. Holthuis 1967: 52, discussion).

Minuca rapax (Smith, 1870)

Distribution: VGI (St Thomas, St Croix, Tortola), ICA (St Martin, St Barthélemy, Antigua, Guadeloupe, Martinique, Barbados, Tobago, Trinidad), IOV (Testigos, Margarita, Cubagua, Blanquilla, Tortuga, Los Roques, Bonaire, Curaçao, Aruba). Intertidal. WA.

Literature: *Gelasimus palustris* H. Milne Edwards, 1852: 149 'Antilles' - Accepted as *Minuca rapax* in WoRMS (2018).

Gelasimus rapax - Aurivillius 1893: 34, St Barthélemy [Not seen, from Crane 1975: 198].

Uca pugnax rapax - Rathbun 1918: 397, St Thomas, Curaçao, Trinidad. - Rathbun 1920a: 26, Curaçao. - Rathbun 1924: 19, Curaçao. - Rathbun 1933: 97, St Thomas. - Rathbun 1936: 388, Curaçao, Aruba. - Chace 1956: 159, Los Roques.



Figure 263: *Minuca rapax*. Guadeloupe, KARUBENTHOS 2012, st. GM27, mangrove. Photo Joseph Poupin.

Uca rapax - Chace & Holthuis 1948: 27, Testigos, Los Roques, Bonaire, Curaçao, Aruba. - Chace & Hobbs 1969: 214, St Thomas, St Croix, Antigua, Guadeloupe, Trinidad, Los Roques, Bonaire, Curaçao. - Hagen 1970: 226, Trinidad. - Hagen 1977: 41, Trinidad. - Scelzo & Varela 1988: 37, Blanquilla. - Hernández *et al.* 1999: tab. 2, Margarita. - Lira 2004: tab. 1, Tortuga. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Uca (Minuca) rapax rapax - Crane 1975: 196, 198, 564, 605, St Thomas, St Barthélemy, Guadeloupe, Martinique, Barbados, Tobago, Trinidad, Curaçao. - Carré 2005: 23, Martinique. - Bezerra 2012: 221, St Thomas, Los Roques, Curaçao, Aruba. - Questel 2014: 13, St Barthélemy.

Uca pugnax and *Aratus pisonii* - Yokoyama 2010: 103, St Martin [Based on color photographs provided these two records are of *Minuca rapax* instead (re-det. J. Poupin 2017). *Minuca pugnax* (Smith, 1870) is not present in the Lesser Antilles, distributed only in WA from Massachusetts to Northwest Florida].

Minuca rapax - Shih *et al.* 2016: 171, Tortola.

Fieldworks: *Minuca rapax* - Saint-Martin, RNN Inventory 16/04/2012, UF32150, photo Dstm_2741; UF32151, photo Dstm_2750; UF32148, photo Dstm_2757; UF32147, photo Dstm_2763. - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013 (several lots attributed to *M. rapax* corrected later to *Minuca burgersi*, *M. vocator* or *Leptuca leptodactyla*, by J. Poupin/D. L. Felder); 1 male, MNHN-IU-2013-4997, 1 female, MNHN-IU-2013-6851, 7 spp., MNHN-IU-2013-6803, st. GM05 (mangrove); 1 female 12.1x17.9 mm, MNHN-IU-2013-6850, 1 male 16.4x24.5 mm, MNHN-IU-2013-6802, 5 spp., MNHN-IU-2013-6801, st. GM16 (mangrove); 1 male (det. J. Poupin, with hesitation) MNHN-IU-2013-6799, st. GM21 (2 m); 1 male 17.1x25.9 mm, MNHN-IU-2013-6800, 1 female 11.3x16.4 mm, MNHN-IU-2013-6855, 2 males, MNHN-IU-2013-6856, st. GM27 (mangrove). - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Minuca vocator (Herbst, 1804)

Distribution: VGI (St Thomas), ICA (St Martin, Guadeloupe, Dominica, ?Martinique, Tobago, Trinidad). Intertidal. WA.

Literature: *Gelasimus vocans* - Desbonne, in Desbonne & Schramm 1867: 45, Guadeloupe - Not *Uca vocans* (Linnaeus, 1758) a species from Indian Ocean but *Minuca vocator*, from examination of dry specimens in Desbonne MNHN collection (det. J. Poupin 2014).

Gelasimus vocator - Nobili 1898: 2, St Thomas.
Uca vocator - Chace & Hobbs 1969: 217, Dominica, Tobago, Trinidad. - Hagen 1970: 225, Dominica, Tobago, Trinidad. - Hagen 1977: 40, Trinidad.
Uca (Minuca) vocator vocator - Crane 1975: 561, 603, Guadeloupe, Trinidad, Tobago. - Bezerra 2012: 229, Guadeloupe, Dominica, Trinidad.
Uca sp. - Carré 2005: 20, Martinique [photo bottom right, tentative det. from photo J. Poupin 2015 (*U. ? vocator*)].
Minuca vocator - Shih *et al.* 2016: 171, Trinidad.
Fieldwork: *Minuca vocator* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin, corrected from *U. rapax*, 1 male 12.9x19.9 mm, and 6 others spp., MNHN-IU-2013-19796, st. GM 05, intertidal.

Ocypode quadrata (Fabricius, 1787)

Distribution: VGI (St Thomas, St Croix), ICA (St Martin, St Barthélemy, St Eustatius, Guadeloupe, Isla de Aves, Dominica, Martinique, St Lucia, Barbados, Tobago, Trinidad), IOV (Margarita, Cubagua, Blanquilla, Tortuga, Orchila, Los Roques, Curaçao, Aruba). Intertidal. WA.
Literature: *Ocypode rhombea* - H. Milne Edwards 1834-1840: 46, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 44, Guadeloupe - *Ocypode rhombea* Weber, 1795 accepted as *Ocypode quadrata* in WoRMS (2018).
Ocypode arenaria - H. Milne Edwards 1852: 143, 'Antilles'. - Desbonne, in Desbonne & Schramm 1867: 44, Guadeloupe. - Nobili 1898: 2, St Thomas. - Doflein 1899: 181, Martinique - *Ocypode arenarius* Say, 1817 accepted as *Ocypode quadrata* in WoRMS (2018).
Ocypode albicans - Rathbun 1918: 367, St Thomas, St Lucia. - Rathbun 1920a: 26, Curaçao. - Rathbun 1921: 79, Barbados. - Rathbun 1933: 96, St Thomas, St Croix. - Rathbun 1936: 388, Aruba. - Chace & Holthuis 1948: 27, Margarita, Aruba - *Ocypode albicans* Bosc, 1801 accepted as *Ocypode quadrata* in WoRMS (2018).
Ocypode quadrata - Chace 1956: 159, Orchila, Los Roques - Chace & Hobbs 1969: 204, St Thomas, St Croix, Dominica, St Lucia, Barbados, Margarita, Los Roques, Aruba. - Rodríguez 1980: 406, Margarita. - Scelzo & Varela 1988: 37, Blanquilla. - García *et al.* 1998: 27, tab. 1, Isla de Aves. - Hernández *et al.* 1999: tab. 2, Margarita. - Yokoyama 2010: 103, St Martin. - Lira 2004: tab. 1, Tortuga. - Carré 2005: 23, Martinique. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982]. - Sakai & Türkay 2013: 726, Guadeloupe, Martinique. - Questel 2014: 13, St Barthélemy. - Faasse 2016: 52, St Eustatius.
Fieldwork: *Ocypode quadrata* - Guadeloupe, KARUBENTHOS 2012, det. E. Macpherson, Besse 2013, 1 sp., MNHN-IU-2013-6795, st. GM 04 (intertidal); 1 sp., MNHN-IU-2013-4996, 2 spp., MNHN-IU-2013-6793, st. GM 07 (intertidal); 1 sp., MNHN-IU-2013-4994, st. GM 09 (intertidal); 1 sp., MNHN-IU-2013-6794, 2 spp., MNHN-IU-2013-6857, st. GM 10 (intertidal); 1 sp., MNHN-IU-2013-6792, st. GM 17 (intertidal).

Uca major (Herbst, 1782)

Distribution: VGI (St Croix), ICA (Guadeloupe, Martinique, Trinidad), IOV (Aruba). Intertidal. WA.
Literature: *Gelasimus grangeri* Desbonne, in Desbonne & Schramm, 1867: 45, Guadeloupe - Accepted as *Uca major* (Herbst, 1782) in WoRMS (2018).

Uca heterochelos (Lamarck) - Rathbun 1936: 388, Aruba - *Ocypoda heterochelos* Lamarck, 1801 accepted as *Uca major* in WoRMS (2018).
Uca major - Chace & Hobbs 1969: 213, St Croix, Guadeloupe. - Hagen 1970: 224, Guadeloupe, Trinidad. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].
Uca (Uca) major - Crane 1975: 136, 139, St Croix, Guadeloupe, Trinidad.
Fieldwork: *Uca major* - Martinique, March 2016, Etang du Galion, photos R. Rolland des Grottes & Y. Buske, det. J. Poupin.

Uca maracoani (Latreille, 1802)

Distribution: ICA (Martinique, Trinidad), IOV (Margarita). Intertidal. WA (continental?).
Literature: *Uca (Uca) maracoani* - Crane 1975: 581, 601, Trinidad.
Uca maracoani - Hagen 1970: 224, Trinidad. - Rodríguez 1980: 410, Margarita. - Bezerra 2012: 211, Trinidad, Margarita.
Fieldwork: *Uca maracoani* - Martinique, March 2016, Etang du Galion, photo R. Marraud des Grottes, det. J. Poupin.
Remark: A species considered as 'continental', including Trinidad and Margarita, but recognized herein for the first time in an oceanic Island (Martinique).



Figure 264: *Uca maracoani*. Martinique, March 2016, Etang du Galion, det. from photo, J. Poupin. Photo Roland Marraud des Grottes.

Family Ucididae Števcič, 2005

Ucides cordatus (Linnaeus, 1763)

Distribution: VGI (St Thomas), ICA (Antigua, Guadeloupe, Dominica, Martinique, Grenada, Trinidad). Terrestrial - Intertidal (mangrove). WA.
Literature: *Uca lavis* H. Milne Edwards, 1837 (1834-1840): 22, 'Habite les Antilles'. - Desbonne, in Desbonne & Schramm 1867: 41, Guadeloupe - In WoRMS (2018) *Uca laevis* H. Milne Edwards, 1837 is accepted as *Ucides occidentalis* (Ortmann, 1897), an EP species; these records must be *U. cordatus*, WA analogous species of *U. occidentalis*.
Uca pilosipes Gill, 1859 (1858-1862): 43, St Thomas - Accepted as *U. cordatus* in WoRMS (2018).
Ucides cordatus - Rathbun 1918: 348, St Thomas. - Rathbun 1921: 79, Antigua, Barbados. - Rathbun 1933: 95, St Thomas. - Chace & Hobbs 1969: 219, St Thomas, Antigua, Dominica. - Hagen 1977:



Figure 265: *Ucides cordatus*. Martinique, mangrove Caravelle, November 23, 2015. Photo Joseph Poupin.

41, Trinidad. - Powers 1977: 150, Grenada [From unidentified reference]. - Carré 2005: 23, Martinique. - Vaslet *et al.* 2013: 245, annex 3, Guadeloupe [not seen, from Bourgeois-Lebel 1982].

Fieldworks: *Ucides cordatus* - Guadeloupe, KARUBENTHOS 2012, littoral and mangrove, st. GM 16 (mangrove), in part only 1 pair of chelae (others parts, carapace and 1 pair of chelae are of *Goniopsis cruentata*), MNHN-IU-2013-6654. - Martinique, BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin; March 2016, photo in mangrove R. Marraud des Grottes.

Superfamily Pinnotheroidea De Haan, 1833

Family Pinnotheridae De Haan, 1833

Austinixa aida (Righi, 1967)

Distribution: IOV (Margarita). 0-2 m. WA.

Literature: *Austinixa aida* - Palacios Theil *et al.* 2016: 4, tab. 2, Margarita.

Remark: Associated with the burrows of the ghost shrimp *Callichirus major* (Say, 1818). A study of the population dynamics of this pea crab in Brazil is in Peiró & Mantelatto (2011).

Austinixa gorei (Manning & Felder, 1989)

Distribution: ICA (St Martin). 0-2 m. WA.

Literature: *Austinixa gorei* - Palacios Theil *et al.* 2016: 4, tab. 2, St Martin.

Austinixa hardyi Heard & Manning, 1997

Distribution: ICA (Tobago). 0-1.5 m. Only/ICA.

Literature: *Austinixa hardyi* Heard & Manning, 1997: 395, Tobago. - Harrison 2004: 745, tab. 1, Tobago. - Palacios Theil *et al.* 2009: 450, tab. 1, Tobago.

Remark: This species is considered as a junior synonym of *Austinixa aida* by Harrison & Hanley (2005), based on discrete morphological characters, morphometric characters, and mitochondrial DNA sequence data. Despite these well-documented results this synonymy is not accepted in Palacios Theil *et al.* (2009) with this comment 'Clearly, additional analyses would be welcomed, but for now we must recommend treatment of *A. hardyi* and *A. aida* as separate species'.



Figure 266: *Clypeasterophilus juvenilis*. Guadeloupe, KARUBENTHOS 2015, st. DW4615, 270-226 m, MNHN-IU-2013-19074, on sea urchin *Clypeaster ravenelii*. Photo Joseph Poupin.

Calyptraeotheres hernandezii Hernández-Ávila & Campos, 2006

Distribution: IOV (Cubagua). 2-6 m. Only/IOV.

Literature: *Calyptraeotheres hernandezii* Hernández-Ávila & Campos, 2006: 44, Cubagua. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

Clypeasterophilus juvenilis (Bouvier, 1917)

Distribution: ICA (Guadeloupe). 64-281 m. WA.

Literature: *Clypeasterophilus juvenilis* - Poupin & Corbari 2016: 91, Guadeloupe.

Remark: The determination from Guadeloupe is from photographs only, based on description by Bouvier (1917) and figures in Griffith (1987).

Clypeasterophilus rugatus (Bouvier, 1917)

Distribution: ICA (Guadeloupe, Dominica, Martinique). 2-216 m. WA.

Literature: *Dissodactylus rugatus* Bouvier, 1917: 396, Dominica. - A. Milne-Edwards & Bouvier 1923: 348, Dominica.

Fieldworks: *Clypeasterophilus rugatus* - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, from photo only, st. GR38 (5 m, in sea urchin *Spatangoida*, Brissidae), (no MNHN in October 2016). - Martinique, photo in situ Y. Buske, det. J. Poupin; BIOSPHERES 2015, coll. R. Ferry & Y. Buske, det. J. Poupin.

Clypeasterophilus stebbingi (Rathbun, 1918)

Distribution: IOV (Margarita, Cubagua). 9-53 m. WA.

Literature: *Clypeasterophilus stebbingi* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua. - Palacios Theil *et al.* 2009: 449, tab. 1, Margarita. - Palacios Theil *et al.* 2016: 5, tab. 2, Margarita.

Dissodactylus crinitichelis Moreira, 1901

Distribution: ICA (Barbados). 1-73 m. WA.

Literature: *Dissodactylus crinitichelis* - Griffith 1987: tab. 1, 412, Barbados.

Dissodactylus ?mellitae (Rathbun, 1900)

Distribution: ?ICA (St Eustatius). 4-52 m. WA.

Literature: *Dissodactylus mellitae* - Faasse 2016: 52, St Eustatius [with photo of a specimen on a sand dollar sea urchin, probably *Mellita quinquesperforata*].

Remark: This field determination is based on photo only (det. M. Faasse, com. pers. 2017). It must be confirmed by examination of the specimen because this would be a first record for Greater and Lesser Antilles, the crab being known with certainty only from Massachusetts to Mexico (cf. Griffith 1987).

Dissodactylus primitivus Bouvier, 1917

Distribution: ICA (?St Martin, St Barthélemy, St Eustatius, Guadeloupe, Martinique, Barbados). 1-55 m. WA.

Literature: *Dissodactylus primitivus* - Griffith 1987: tab. 1, 414, Barbados. - Carré 2005: 23, Martinique. - Questel 2014: 13, St Barthélemy. - Faasse 2016: 52, St Eustatius. - DORIS 2017: WebPages, Guadeloupe (Saintes), Martinique.

Fieldworks: *Dissodactylus primitivus* - Saint-Martin, RNN Inventory 2012, no UF, photo 7711, det. J. Poupin, from photo with hesitation. - Guadeloupe, KARUBENTHOS 2012, det. J. Poupin October 2013, from photo only, with hesitation (aff. *primitivus*), no MNHN in October 2016, st. GR01 (3 m, in sea urchin). - Martinique, photo Y. Buske, det. J. Poupin.

Laminapinnixa faxoni (Rathbun, 1918)

Distribution: ICA (Trinidad), IOV (Margarita). Intertidal. Only/ICA/IOV.

Literature: *Pinnixa faxoni* Rathbun, 1918: 133, Trinidad.

Laminapinnixa faxoni - Palacios Theil *et al.* 2016: 5, tab. 2, Margarita.

Remark: Garth (1960) has described a closely related species from Galapagos, *Pinnixa darwini*, that he considers the analogous EP species of *Pinnixa faxoni* (comparison of both species made by F. Chace in US national Museum).

For the types specimens of *Pinnixa faxoni* and *P. vanderhorsti* McDermott (2014) has indicated that 'all specimens of *P. faxoni* and *P. vanderhorsti* were lost in the mail many years ago, during their return to the Smithsonian Institution after being on loan (Rafael Lemaitre, Curator of Crustacea, NMNH, com. pers. 2013' and that 'both *P. faxoni* and *P. vanderhorsti*, pending discovery of additional specimens, should be included in the new genus (*Laminapinnixa*)'.

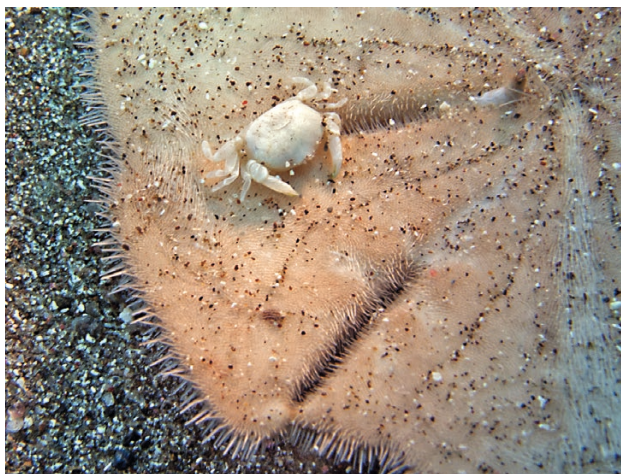


Figure 267: *Dissodactylus ?mellitae*. St Eustatius, specimen on a sand dollar sea urchin, probably *Mellita quinquiesperforata*, det. M. Faasse. Photo Marco Faasse.



Figure 268: *Dissodactylus primitivus*. Martinique, in sea urchin *Spatangoida ?Meoma ventricosa*. Photo Yan Buske.

Laminapinnixa vanderhorsti (Rathbun, 1922)

Distribution: IOV (Curaçao). Intertidal. Only/IOV.

Literature: *Pinnixa vanderhorsti* Rathbun, 1922: 104, Curaçao. - Rathbun 1924: 17, Curaçao. - Rodríguez 1980: 374, Curaçao. *Laminapinnixa vanderhorsti* - McDermott 2014: 377, Curaçao [Type lost].

Remark: A species reported from Curaçao only with type specimen (a male) probably lost (see Remark for *L. faxoni*).

Orthoheres barbatus (Desbonne, 1867)

Distribution: VGI (St Thomas), ICA (Guadeloupe), IOV (Los Roques). Shallow water. Only/Lesser Antilles.

Literature: *Pinnotheres barbata* Desbonne, in Desbonne & Schramm, 1867: 44, Guadeloupe.

Pinnotheres barbatus - Rathbun 1918: 88, St Thomas, Guadeloupe. - Rathbun 1933: 82, St Thomas, Guadeloupe.

Orthoheres barbatus - Campos 1989: 1124, Guadeloupe. - Bolaños *et al.* 2005: 500, Los Roques. - Palacios Theil *et al.* 2009: 449, tab. 1, Los Roques. - Palacios Theil *et al.* 2016: 5, tab. 2, Los Roques.

Parapinnixa bolagnosi Hernández-Ávila & Campos, 2007

Distribution: IOV (Margarita, Cubagua). 1.7-8 m. Only/IOV.

Literature: *Parapinnixa bolagnosi* Hernández-Ávila & Campos, 2007: 57, Margarita (Los Frailes), Cubagua.

Parapinnixa sp. - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua - Arbitrarily attributed herein to *P. ?bolagnosi*.

Parapinnixa hendersoni Rathbun, 1918

Distribution: ICA (Antigua), IOV (Curaçao). 1-73 m. WA.

Literature: *Parapinnixa hendersoni* - Rathbun 1921: 76, Antigua. - Rathbun 1924: 18, Curaçao.

Pinnixa arenicola Rathbun, 1922

Distribution: ICA (St Martin), IOV (Curaçao, Aruba). Shallow water. WA.

Literature: *Pinnixa arenicola* Rathbun, 1922: 104, Curaçao. - Rathbun 1924: 17, Curaçao. - Rodríguez 1980: 374, Curaçao - Thoma *et al.* 2009: 72, Curaçao, Aruba. - Palacios Theil *et al.* 2016: 6, tab. 2, St Martin.

***Pinnixa chaetoptera* Stimpson, 1860**

Distribution: IOV (Margarita). 0-16 m. WA.

Literature: *Pinnixa chaetoptera* - Palacios Theil *et al.* 2016: 6, tab. 2, Margarita.

***Pinnixa floridana* Rathbun, 1918**

Distribution: IOV (Cubagua). 1-55 m. WA.

Literature: *Pinnixa floridana* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

***Pinnixa sayana* Stimpson, 1860**

Distribution: IOV (Cubagua). 1-75 m. WA.

Literature: *Pinnixa sayana* - Hernández-Ávila *et al.* 2007: tab. 1, Cubagua.

***Pinnotheres shoemakeri* Rathbun, 1918**

Distribution: VGI (St Thomas). Intertidal, shallow water. WA.

Literature: *Pinnotheres shoemakeri* Rathbun, 1918: 95, St Thomas. - Rathbun 1933: 83, St Thomas.

***Tumidotheres maculatus* (Say, 1818)**

Distribution: VGI (St Thomas), IOV (Margarita, Coche, Cubagua). 1-46 m. WA.

Literature: *Pinnotheres maculatus* - Rathbun 1918: 74, St Thomas. - Rathbun 1933: 82, St Thomas.

Tumidotheres maculatus - Hernández *et al.* 1999: tab. 2, Margarita. - Hernández-Ávila *et al.* 2007: appendix, Cubagua. - Palacios Theil *et al.* 2009: 450, tab. 1, Coche. - Palacios Theil *et al.* 2016: 7, tab. 2, Margarita.

***Tunicotheres moseri* (Rathbun, 1918)**

Distribution: IOV (Margarita). 1-6 m. WA.

Literature: *Pinnotheres moseri* - Hernández & Bolaños 1995c: 78, Margarita [Description of the male].

Tunicotheres moseri - Bolaños *et al.* 2004: 374, Margarita. - Tagliafico *et al.* 2005: tab. 1, Margarita (Los Frailes). - Palacios Theil *et al.* 2009: 450, tab. 1, Margarita. - Palacios Theil *et al.* 2016: 7, tab. 2, Margarita.

***Zaops ostreus* (Say, 1817)**

Distribution: ICA (Guadeloupe), IOV (Margarita). 1-3 m. WA.

Literature: *Pinnotheres crassipes* Desbonne, in Desbonne & Schramm, 1867: 43, Guadeloupe - Accepted (with a ?) as *Pinnotheres ostreum* Say, 1817 by Rathbun (1918: 66).

Pinnotheres ostreum - Rathbun 1918: 66, Guadeloupe.

Zaops ostreum - Hernández *et al.* 1999: tab. 2, Margarita. - Palacios Theil *et al.* 2009: 450, tab. 1, Margarita. - Palacios Theil *et al.* 2016: 7, tab. 2, Margarita.