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| --- | --- | --- | --- | --- |
| **Table 1: Mud crabs belonging to the Panopeidae and their associated parasites.** | | | | |
| **Subfamily** | **Genus and Species** | **Known Parasite(s)** | **Parasite Information** | **Reference** |
| Eucratopsinae (Stimpson, 1871) | *Balcacarcinus attenuatus* | None | - | - |
| *Bittnereus sp.* | None | - | - |
| *Carinocarcinus sp.* | None | - | - |
| *Palaeograpsus sp.* | None | - | - |
| *Chasmophora macrophthalma* | None | - | - |
| *Cycloplax pinnotheroides* | None | - | - |
| *Cyrtoplax bidentata* | None | - | - |
| *Cyrtoplax spinidentata* | None | - | - |
| *Cyrtoplax panamensis* | None | - | - |
| *Cyrtoplax valeriana* | None | - | - |
| *Cyrtoplax schmitti* | None | - | - |
| *Eucratopsis crassimanus* | None | - | - |
| *Glyptoplax consagae* | None | - | - |
| *Glyptoplax pugnax* | None | - | - |
| *Glyptoplax smithii* | None | - | - |
| *Homoioplax haswelli* | None | - | - |
| *Malacoplax californiensis* | None | - | - |
| *Odontoplax chacei* | None | - | - |
| *Panoplax depressa* | *Cancricepon choprae* | Isopod | Markham, 1975 |
| *Panoplax elata* | None | - | - |
| *Panoplax mundata* | None | - | - |
| *Prionoplax atlantica* | None | - | - |
| *Prionoplax spinicarpus* | None | - | - |
| *Robertsella meridionalis* | None | - | - |
| *Robertsella mystica* | None | - | - |
| *Tetraplax quadridentata* | *Loxothylacus panopei* | Parasitic barnacle | Boschma, 1972 |
| *Thalassoplax angusta* | None | - | - |
| Panopeinae (Ortmann, 1893) | *Acantholobulus mirafloresensis* | None | - | - |
| *Acantholobulus pacificus* | None | - | - |
| *Acantholobulus schmitti* | None | - | - |
| *Acantholobulus bermudensis* | None | - | - |
| *Dyspanopeus* (= *Neopanope*) *sayi* | *Loxothylacus panopei* | Parasitic barnacle | Hines et al. 1997 |
| *Nematopsis legeri* | Gregarine | Lindsey et al. 2006 |
| *Cancricepon choprae* | Isopod | Boyko and Williams, 2004 |
| *Hematodinium-like* | Dinoflagellate | Small, 2012 |
| *Dyspanopeus* (= *Neopanope*) *texanus* | Potential vector of: *Dermocystidium marinum* | Fungus | Hoese, 1962 |
| *Eurypanopeus turgidus* | None | - | - |
| *Eurypanopeus depressus* | *Carcinocaris serrichelata* | Isopod | Björnberg and Santos, 2009 |
| *Loxothylacus panopei* | Parasitic barnacle | Boschma, 1972 |
| *Hematodinium sp.* | Dinoflagellate | Pagenkopp Lohan et al. 2012 |
| *Nematoopsis ostrearum* | Gregarine | Sprague and Orr, 1955 |
| *Haplosporidium* (= *Minchinia*) *sp.* | Haplosporidian | Couch, 1983 |
| *Hyalophisa chattoni* | Commensal ciliate | Fernandez-Leborans, 2009 |
| *Eurypanopeus dissimilis* | None | - | - |
| *Eurypanopeus crenatus* | None | - | - |
| *Eurypanopeus abbreviatus* | None | - | - |
| *Eurytium affine* | None | - | - |
| *Eurytium albidigitum* | None | - | - |
| *Eurytium limosum* | *Nematoopsis ostrearum* | Gregarine | Sprague and Orr, 1955 |
| *Amphibalanus*  *improvisus* | Commensal barnacle | Farrapeira, 2010 |
| *Eurytium tristani* | None | - | - |
| *Hexapanopeus heblingi* | None | - | - |
| *Hexapanopeus manningi* | None | - | - |
| *Hexapanopeus lobipes* | None | - | - |
| *Hexapanopeus rubicundus* | None | - | - |
| *Hexapanopeus schmitti* | Undefined sacculinid rhizocephalan | Parasitic barnacle | Trindle et al. 2004 |
| *Amphibalanus*  *improvisus* | Commensal barnacle | Farrapeira, 2010 |
| *Hexapanopeus beebei* | None | - | - |
| *Hexapanopeus angustifrons* | *Cancricepon choprae* | Isopod | Markham, 1975 |
| *Hematodinium-like* | Dinoflagellate | Small, 2012 |
| *Shizoporella pungens* | Bryozoan | Lindberg and Stanton, 1988 |
| *Hexapanopeus paulensis* | None | - | - |
| *Hexapanopeus sinaloensis* | None | - | - |
| *Hexapanopeus orcutti* | None | - | - |
| *Hexapanopeus caribbaeus* | None | - | - |
| *Hexapanopeus nicaraguensis* | None | - | - |
| *Laevicarcinus egerensis* | None | - | - |
| *Lophopanopeus frontalis* | None | - | - |
| *Lophopanopeus leckingtoni* | None | - | - |
| *Lophopanopeus diegensis* | *Loxothylacus panopei* | Parasitic barnacle | Boschma, 1972 |
| *Lophopanopeus bellus* | *Loxothylacus panopei* | Parasitic barnacle | Boschma, 1972 |
| *Lophopanopeus baldwini* | None | - | - |
| *Lophopanopeus maculatus* | None | - | - |
| *Lophopanopeus leucomanus* | None | - | - |
| *Lophopanopeus heathii* | None | - | - |
| *Lophopanopeus corallines* | None | - | - |
| *Lophopanopeus toomeyorum* | None | - | - |
| *Lophoxanthus erosus* | None | - | - |
| *Lophoxanthus lamellipes* | None | - | - |
| *Lophoxanthus sexdentatus* | None | - | - |
| *Metopocarcinus truncatus* | None | - | - |
| *Neopanope packardii* | *Cancricepon choprae* | Isopod | Markham, 1975 |
| *Shizoporella pungens* | Bryozoan | Lindberg and Stanton, 1988 |
| *Neopanope lobipes* | None | - | - |
| *Panopeus simpsoni* | *Loxothylacus panopei* | Parasitic barnacle | Hines et al. 1997 |
| *Panopeus turgidus* | None | - | - |
| *Panopeus occidentalis* | *Loxothylacus panopei* | Parasitic barnacle | Boschma, 1972 |
| *Nematopsis panopei* | Gregarine | Sprauge and Couch, 1971 |
| *Panopeus purpureus* | None | - | - |
| *Panopeus rugosus* | None | - | - |
| *Panopeus herbstii* | *Cancricepon choprae* | Isopod | Markham, 1975 |
| *Carcinocaris serrichelata* | Isopod | Björnberg and Santos, 2009 |
| *Pseudione panopei* | Isopod | Markham, 1975 |
| *Loxothylacus panopei* | Parasitic barnacle | Boschma, 1972 |
| *Hematodinium sp.* | Dinoflagellate | Pagenkopp Lohan et al. 2012 |
| *Nematoopsis ostrearum* | Gregarine | Sprague and Orr, 1955 |
| *Nematopsis panopei* | Gregarine | Sprauge and Couch, 1971 |
| *Haplosporidium* (= *Minchinia*) *louisianae* | Haplosporidian | Couch, 1983 |
| *Haplosporidium* (= *Minchinia*) *sp.* | Haplosporidian | Couch, 1983 |
| *Lagenidium callinectes* | Fungus | Bland and Amerson, 1974 |
| Unnamed eccrinid species | Opisthokont protist | Johnson, 1958 |
| *Panopeus lacustris* | *Loxothylacus panopei* | Parasitic barnacle | Hines et al. 1997 |
| *Amphibalanus*  *amphitrite* | Commensal barnacle | Farrapeira, 2010 |
| *Amphibalanus*  *improvisus* | Commensal barnacle | Farrapeira, 2010 |
| *Panopeus meridionalis* | None | - | - |
| *Panopeus obesus* | *Loxothylacus panopei* | Parasitic barnacle | Hines et al. 1997 |
| *Panopeus africanus* | None | - | - |
| *Panopeus americanus* | *Carcinocaris serrichelata* | Isopod | Björnberg and Santos, 2009 |
| *Panopeus austrobesus* | None | - | - |
| *Panopeus boekai* | None | - | - |
| *Panopeus chilensis* | None | - | - |
| *Panopeus convexus* | None | - | - |
| *Panopeus diversus* | None | - | - |
| *Panopeus harttii* | None | - | - |
| *Rhithropanopeus harrisii* | *Cancricepon choprae* | Isopod | Markham, 1975 |
| *Loxothylacus panopei* | Parasitic barnacle | Boschma, 1972 |
| Potential vector of: *Dermocystidium marinum* | Fungus | Hoese, 1962 |
| *Haplosporidium* (= *Minchinia*) *cadomensis* | Haplosporidian | Marchand and Sprauge, 1979 |
| *Haplosporidium sp.* | Haplosporidian | Rosenfield et al. 1969 |
| *Tetraxanthus rathbunae* | *Loxothylacus panopei* | Parasitic barnacle | Hines et al. 1997 |
| Unassigned Subfamily | *Pakicarcinus sp.* | None | - | - |
| *Sereneopeus sp.* | None | - | - |

Table 1