**Tables**

**Table 1:** Reports of mud worm infestations in cultured shellfish. Studies include those that identified boring *Polydora*, *Dipolydora*, and *Boccardia* spp. in shellfish grown on farms or in culture experiments, and omits infestations documented in wild-collected shellfish.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Country** | **Region** | ***Polydora* species** | **Cultured host species** | **Reference** |
| Australia | New South Wales | spp. | *Saccostrea glomerata* | Wisely, Holiday & Reid 1979 |
| Australia | South Australia | *P. haswelli*  *P. hoplura*  *P. websteri*  *B. chilensis*  *B. polybranchia\** | *Mytilus edulis* | Pregenzer 1983 |
| Australia | New South Wales, southern Queensland | spp. | *Saccostrea glomerata* | Nell 1993 |
| Australia | Tasmania | *P. hoplura*  *B. knoxi* | *Haliotis rubra;*  *Haliotis laevigata* | Lleonart, Handlinger & Powell 2003 |
| Australia | Southwest | *P. uncinata (hoplura)\*\**  *P. haswelli*  *P. aura*  *B. knoxi* | *Haliotis laevigata;*  *Haliotis roei;*  *Saccostrea glomerata* | Sato-Okoshi, Okoshi & Shaw 2008 |
| Belgium | Bassin do Chasse, Ostend harbour | *P. ciliata\** | *Ostrea edulis* | Daro & Bofill 1972 |
| Brazil | Southern Brazil | spp. | *Crassostrea rhizophorae* | Nascimento 1983 |
| Brazil | Santa Catarina, Ribeirão da Ilha | spp. | *Crassostrea gigas* | Sabry *et al*. 2011 |
| Brazil | São Francisco River estuary, Sergipe state, northeastern Brazil | spp. | *Crassostrea gasar* | Da Silva *et al*. 2015 |
| Canada | New Brunswick | *P. websteri* | *Crassostrea virginica* | Clements *et al.* 2017a |
| Chile | Herradura Bay | spp. | *Ostrea chilensis* | Di Salvo & Martinez 1985 |
| Chile | Tongoy Bay, Coquimbo | Unknown species similar to *P. ciliata\** | *Argopecten purpuratus* | Basilio, Canete & Rozbaczylo 1995 |
| China | Shandong Peninsula and Shanghai in eastern China | *P. onagawaensis*  *P. brevipalpa\*\*\**  *P. websteri* | *Patinopecten yessoensis;*  *Haliotis discus hannai;*  *Chlamys farreri;*  *Crassostrea gigas* | Sato-Okoshi, Okoshi & Abe 2013 |
| Costa Rica | Chomes, Gulf of Nicoya | spp. | *Crassostrea rhizophorae; Crassostrea gigas* | Zuniga, Zurburg & Zamora 1998 |
| France | Bay of Arcachon | spp. | *Ostrea edulis* | Robert, Borel, Pichot & Trut 1991 |
| France | Bay of Brest, Brittany | spp. | *Crassostrea gigas* | Mazurie *et al*. 1995 |
| France | Brittany | *P. ciliata\**  *P. hoplura* | *Crassostrea gigas* | Fleury *et al*. 2001 |
| France | Brittany | spp, | *Crassostrea gigas* | Fleury *et al*. 2003 |
| France | Normandy | spp. | *Crassostrea gigas* | Ropert *et al.* 2007 |
| France | Normandy | spp. | *Crassostrea gigas* | Royer *et al*. 2006 |
| France | Normandy | P. ciliata\*  P. hoplura  B. polybranchia\*  B. semibranchiata | *Crassostrea gigas* | Ruellet *et al.* 2004 |
| India | Gulf of Mannar | spp. | *Pinctada fucata* | Alagarswami & Chellam 1976 |
| Indonesia | Padang Cermin Bay, Lampung. | spp. | *Pinctada maxima* | Hadiroseyani, Djokosetiyanto & Iswadi 2007 |
| Ireland | Guernsey, Kent | spp. | *Crassostrea gigas* | Steele & Mulcahy 1999 |
| Ireland | Dungarvan, County Waterford | spp. | *Crassostrea gigas* | Steele & Mulcahy 2001 |
| Italy | Adriatic Sea | *P. ciliata\** | *Tapes philippinarum* | Boscolo & Giovanardi 2002 |
| Italy | Venice Lagoon, North Adriatic Sea | *P. ciliata\** | *Tapes philippinarum* | Boscolo & Giovanardi 2003 |
| Japan | Abashiri Bay | *P. variegata* | *Patinopecten yessoensis* | Sato-Okoshi, Sugawara & Nomura 1990 |
| Japan | *Unknown, not in english* | spp. | *Pinctada fucata* | Wada & Masuda 1997 |
| Japan | 10 sites across Japan | *P. brevipalpa*  *P. uncinata (hoplura)\*\**  *P. aura* | *Crassostrea gigas;*  *Patinopecten yessoensis;*  *Haliotis discus hannai;*  *Haliotis discus discus;*  *Haliotis gigantea;*  *Haliotis laevigata;*  *Haliotis roei;*  *Haliotis diversicolor supertexta;*  *Pinctada fucata* | Sato-Okoshi & Abe 2012 |
| Korea | South and West coasts | *P. haswelli*  *P. aura*  *P. uncinata (hoplura) \*\** | *Crassostrea gigas;*  *Pinctada fucata;*  *Haliotis discus discus* | Sato-Okoshi *et al*. 2012 |
| Mexico | Baja California | spp. | *Crassostrea gigas* | Caceres-Martinez, Macias-Montes De Oca & Vasquez-Yeomans 1998 |
| Mexico | Baja California | *B. proboscidea* | *Haliotis rufescens* | Caceres-Martínez *et al.* 2016 |
| New Zealand | Bay of Islands | spp. |  | Curtin 1982 |
| New Zealand | Marlborough Sound | *P. websteri*  *P. hoplura*  *B. knoxi*  *B. acus*  *B. chilensis*  *B. atokouica* | *Crassostrea gigas* | Handley 1995 |
| New Zealand | Mahurangi Harbour | *P. websteri*  *P. hoplura*  *B. acus* | *Crassostrea gigas* | Handley & Bergquist 1997 |
| New Zealand | Marlborough Sound | *B. knoxi* | *Crassostrea gigas* | Handley 1998 |
| New Zealand | Houhora Harbour | spp. | *Crassostrea gigas* | Handley 2002 |
| New Zealand | Manukau Harbour | *B. acus* | *Tiostrea chilensis* | Dunphy, Wells & Jeffs 2005 |
| New Zealand | North lsland & Coromandel | *P. websteri*  *P. haswelli* | *Crassostrea gigas; Perna canaliculus* | Read 2010 |
| Russia | Sea of Japan | *P. brevipalpa* | *Patinopecten yessoensis* | Silina 2006 |
| Russia | Sea of Japan | *P. brevipalpa* | *Mizuhopecten yessoensis* | Gabaev 2013 |
| South Africa | Port Elizabeth | *P. hoplura* | *Crassostrea gigas* | Nel, Coetzee & Van Niekerk 1996 |
| South Africa | Multiple sites | *P. hoplura*  *D. capensis*  *Boccardia sp.* | *Haliotis midae* | Simon, Ludford & Wynne 2006 |
| South Africa | Multiple sites | *B. proboscidea*  *B. pseudonatrix* | *Haliotis midae* | Simon *et al.* 2010 |
| South Africa | Kleinzee and Saldanha Bay | *P. hoplura*  *P.* cf. *websteri*  *B. proboscidea*  *B. pseudonatrix*  *D. capensis D.* cf. *giardia*  *D. keulderae­­*  *Dipolydora spp.* | *Crassostrea gigas*  *Haliotis midae* | Simon 2015 |
| South Africa | Saldanha Bay, Walker Bay, and Haga Haga | *B. proboscidea* | *Haliotis midae* | Simon *et al*. 2009 |
| South Africa | Hermanus | *B. proboscidea* | *Haliotis sp.* | Simon, Bentley & Caldwell 2010 |
| South Africa | Saldanha Bay | *P. hoplura* | *Crassostrea gigas* | David & Simon 2014 |
| South Africa | Saldanha Bay | *P. hoplura* | *Crassostrea gigas* | David, Matthee & Simon 2014 |
| South Africa | Multiple sites | *P. hoplura*  *B. proboscidea*  *D. capensis* | *Haliotis midae* | Boonzaaier, Neethling, Mouton & Simon 2014 |
| South Africa | Kleinzee, Paternoster, Saldanha Bay and Port Elizabeth | *P. hoplura* | *Crassostrea gigas* | Williams, Matthee & Simon 2016 |
| Thailand | Gulf of Thailand | spp. | *Molluscs living in shrimp ponds (converted mangrove)* | Yoshimi, Toru, & Chumpol 2007 |
| USA | South Carolina | *P. ciliata\** | *Crassostrea virginica* | Lunz 1941 |
| USA | Connecticut | *P. websteri* | *Crassostrea virginica* | Loosanoff & Engle 1943 |
| USA | Delaware Bay | spp. | *Crassostrea virginica* | Littlewood, Wargo & Kraeuter 1989 |
| USA | Hawaii | *P. nuchalis* | *Crassostrea virginica;*  *Penaeus vannamei* | Bailey-Brock 1990 |
| USA | Delaware Bay | spp. | *Crassostrea virginica* | Littlewood *et al.* 1992 |
| USA | Chesapeake Bay | spp. | *Crassostrea gigas* | Burreson, Mann & Allen 1994 |
| USA | Delaware Bay | *P. websteri* | *Crassostrea gigas; Crassostrea virginica* | Debrosse & Allen 1996 |
| USA | Hawaii, shipped from Maine | *B. proboscidea* | *Ostrea edulis* | Bailey-Brock 2000 |
| USA | Virginia | spp. | *Crassostrea virginica; Crassostrea ariakensis* | Calvo *et al.* 2001 |
| USA | North Carolina | spp. | *Crassostrea ariakensis* | Bishop & Peterson 2005 |
| USA | North Carolina | spp. | *Crassostrea virginica; Crassostrea ariakensis* | Bishop & Hooper 2005 |
| USA | North Carolina | spp. | *Crassostrea ariakensis* | Grabowski *et al.* 2007 |
| USA | Chesapeake Bay | spp. | *Crassostrea ariakensis; Crassostrea virginica* | McLean & Abbe 2008 |
| USA | Maine | *P. websteri* | *Crassostrea virginica* | Brown 2012 |
| USA | St. Charles River near the entrance of the Richibucto Estuary | *P. websteri* | *Crassostrea virginica* | Clements *et al.* 2017a |

\*There are many mud worms identified as *P. ciliata*. However, since *P. ciliata* is a non-boring species these were likely misidentified, and many should presumably be attributed to *P. websteri* (see Blake and Kudenov 1978, Simon and Sato-Okoshi 2015). Similarly, reports of *B. polybranchia* as an aquaculture pest may be inaccurate (see Simon and Sato-Okoshi 2015).

\*\**P. uncinata* has been synonymized with *P. hoplura* (Sato-Okoshi *et al.* 2017; Radashevsky *et al.* 2017).

\*\*\**P. variegata* may have been misidentified by Sato-Okoshi, Sugawara & Nomura 1990, and instead should be classified as *P. brevipalpa* (see Teramoto *et al*. 2013).