

SUSCEPTIBILITY OF CRUSTACEAN SPECIES TO INFECTION WITH *HEPATOBACTER PENAEI* (NECROTISING HEPATOPANCREATITIS)

The following table shows the crustacean species assessed against the criteria for susceptibility to infection with *Hepatobacter penaei* (necrotising hepatopancreatitis) and the outcomes of the assessments. For details about the specific assessment please refer to the link included in the source column of the table.

Assessment Table Key:

N: Natural infection	YES: Demonstrates criterion is met	ND: Not determined
E: Experimental (non-invasive)	NO: Criterion is not met	NS: Not scored
EI: Experimental invasive	I: Inconclusive	N/A: Not applicable

Scientific name	Common name	Stage 1: Route of transmission	Stage 2: Pathogen identification	Stage 3: Evidence of infection				Outcome	References	Source	Year of adoption
				A	B	C	D				
Assessed as a susceptible species and included in Article 9.4.2. of Chapter 9.4. of the <i>Aquatic Code</i>											
<i>Penaeus vannamei</i>	whiteleg shrimp	Natural	Y	Y	Y	Y	Y	1	Krol <i>et al.</i> , 1991; Frelier <i>et al.</i> , 1992; Vincent & Lotz, 2007; Frelier <i>et al.</i> , 1993; Vincent & Lotz, 2005	ad hoc Group report: October 2015	2017
Assessed as incomplete evidence and listed in Section 2.2.2. of Chapter 2.2.3. in the <i>Aquatic Manual</i>											
<i>Penaeus marginatus</i>	aloha prawn	Natural	N	N	N	Y	Y	2	Lightner, 1996	ad hoc Group report: October 2015	2017
<i>Penaeus merguensis</i>	banana prawn	Natural	N	N	N	Y	Y	2	Lightner, 1996	ad hoc Group report: October 2015	2017
<i>Penaeus stylirostris</i>	blue shrimp	Natural	N	N	N	Y	Y	2	Lightner, 1996; Lightner & Redman, 1994	ad hoc Group report: October 2015	2017
<i>Penaeus monodon</i>	giant tiger prawn	Natural	N	N	N	Y	Y	2	Lightner, 1996	ad hoc Group report: October 2015	2017

Scientific name	Common name	Stage 1: Route of transmission	Stage 2: Pathogen identification	Stage 3: Evidence of infection				Outcome	References	Source	Year of adoption
				A	B	C	D				
<i>Penaeus aztecus</i>	northern brown shrimp	Natural	Partial	N	N	N	N	2	Aguirre-Guzman <i>et al.</i> , 2010	ad hoc Group report: October 2015	2017
<i>Penaeus duorarum</i>	northern pink shrimp	Natural	Partial	N	N	N	N	2	Aguirre-Guzman <i>et al.</i> , 2010	ad hoc Group report: October 2015	2017
<i>Penaeus setiferus</i>	northern white shrimp	Natural	Partial	N	N	N	N	2	Aguirre-Guzman <i>et al.</i> , 2010	ad hoc Group report: October 2015	2017
Assessed as having PCR positive results but no active infection and listed in the second paragraph of Section 2.2.2. of Chapter 2.2.3. in the <i>Aquatic Manual</i>											
<i>Homarus americanus</i>	American lobster	E	Y	N	N	N	N	3	Avila-Villa <i>et al.</i> , 2012	ad hoc Group report: October 2015	2017
Assessed as evidence of non-susceptibility (e.g. experimental invasive studies with no evidence of infection)											
none known											