

## SUSCEPTIBILITY OF CRUSTACEAN SPECIES TO INFECTION WITH YELLOW HEAD VIRUS GENOTYPE 1

The following table shows the crustacean species assessed against the criteria for susceptibility to infection with yellow head virus genotype 1 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	Y: Demonstrates criterion is met	ND: Not determined
E: Experimental (non-invasive)	N: 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 9.10.2. of Chapter 9.10. of the <i>Aquatic Code</i>											
<i>Penaeus stylirostris</i>	blue shrimp	natural	confirmed	N	Y	Y	Y	1	Castro-Longoria <i>et al.</i> , 2008	<a href="#">ad hoc Group report: February 2015</a>	2016
		EI	suspected	Y	N	Y	Y	2	Lu <i>et al.</i> , 1994		
<i>Palaemonetes pugio</i>	dagger blade grass shrimp	EN	confirmed	Y	N	Y	Y	1	Ma <i>et al.</i> , 2009	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Penaeus monodon</i>	giant tiger prawn	natural	confirmed	N	N	Y	Y	1	Wijegoonawardane <i>et al.</i> , 2008	<a href="#">ad hoc Group report: February 2015</a>	2016
		natural	suspected	Y	N	Y	Y	2	Boonyaratpalin <i>et al.</i> , 1993		
		EI	suspected	N	Y	Y	N	2	Longyant <i>et al.</i> , 2006		
<i>Metapenaeus affinis</i>	Jinga shrimp	EN	confirmed	Y	N	Y	Y	1	Longyant <i>et al.</i> , 2006	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Penaeus vannamei</i>	whiteleg shrimp	natural	confirmed	N	Y	Y	Y	1	Songsuk <i>et al.</i> , 2011	<a href="#">ad hoc Group report: February 2015</a>	2016
		EI	suspected	Y	N	Y	Y	2	Lightner <i>et al.</i> , 1998		
Assessed as incomplete evidence and listed in Section 2.2.2. of Chapter 2.2.9. in the <i>Aquatic Manual</i>											
	banana prawn	natural	suspected	N	Y	Y	Y	2	Flegel, 1997		2016

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 merguensis</i>		EI	suspected	N	N	N	N	3	Chantanchookin <i>et al.</i> , 1993	<a href="#">ad hoc Group report: February 2015</a>	
<i>Palaemon serrifer</i>	carpenter prawn	EI	confirmed	Y	N	N	N	2	Longyant <i>et al.</i> , 2005	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Penaeus japonius</i>	kuruma prawn	natural	suspected	Y	N	Y	Y	2	Wang <i>et al.</i> , 1996	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Penaeus aztecus</i>	northern brown shrimp	EN	suspected	Y	N	Y	Y	2	Lightner <i>et al.</i> , 1998	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Penaeus duorarum</i>	northern pink shrimp	EN	suspected	Y	N	Y	Y	2	Lightner <i>et al.</i> , 1998	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Penaeus setiferus</i>	northern white shrimp	EN	suspected	Y	N	Y	Y	2	Lightner <i>et al.</i> , 1998	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Palaemon styliferus</i>	Pacific blue prawn	natural	suspected	Y	Y	Y	Y	2	Flegel, 1997	<a href="#">ad hoc Group report: February 2015</a>	2016
		EI	confirmed	Y	N	N	N	2	Longyant <i>et al.</i> , 2005		
<i>Cherax quadricarinatus</i>	red claw crayfish	Natural	suspected	N	Y	N	N	2	Soowannayan <i>et al.</i> , 2015	<a href="#">Aquatic Animals Commission February 2016 Report</a>	2016
<i>Macrobrachium sintangense</i>	Sunda river prawn	EI	confirmed	Y	N	N	N	2	Longyant <i>et al.</i> , 2005	<a href="#">ad hoc Group report: February 2015</a>	2016
<i>Metapenaeus brevicornis</i>	yellow shrimp	EI	confirmed	Y	N	Y	Y	2	Longyant <i>et al.</i> , 2006	<a href="#">ad hoc Group report: February 2015</a>	2016

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 having PCR positive results but no active infection and listed in the second paragraph of Section 2.2.2. of Chapter 2.2.9. in the <i>Aquatic Manual</i>											
<i>Chelonibia patula</i>	acorn barnacle	EN	confirmed	N	N	N	N	3	Overstreet <i>et al.</i> , 2009	<a href="#">ad hoc Group report: February 2015</a>	2019
<i>Callinectes sapidus</i>	blue crab	EN	confirmed	N	N	N	Y	3	Ma <i>et al.</i> , 2009	<a href="#">ad hoc Group report: February 2015</a>	2019
<i>Ergasilus manicatus</i>	cyclopoid copepod	EN	confirmed	N	N	N	N	3	Overstreet <i>et al.</i> , 2009	<a href="#">ad hoc Group report: February 2015</a>	2019
<i>Octolasmis muelleri</i>	gooseneck barnacle	EN	confirmed	N	N	N	N	3	Overstreet <i>et al.</i> , 2009	<a href="#">ad hoc Group report: February 2015</a>	2019
<i>Fundulus grandis</i>	gulf killifish	EN	confirmed	N	N	N	N	3	Overstreet <i>et al.</i> , 2009	<a href="#">ad hoc Group report: February 2015</a>	2019
<i>Acetes</i> sp.	paste shrimp	natural	suspected	N	Y	N	N	3	Flegel <i>et al.</i> , 1995	<a href="#">ad hoc Group report: February 2015</a>	2019
Assessed as evidence of non-susceptibility (e.g. experimental invasive studies with no evidence of infection)											
none known											