SUSCEPTIBILITY OF MOLLUSC SPECIES TO INFECTION WITH *PERKINSUS MARINUS*

The following table shows the mollusc species assessed against the criteria for susceptibility to infection with *Perkinsus marinus* 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

Family	**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 11.5.2. of Chapter 11.5. of the *Aquatic Code*												
Ostreidae	*Crassostrea corteziensis*	Cortez oyster	N and E	ITS PCR and sequence analysis	YES	YES	ND	YES	1	Escobedo-Fregoso *et al.*, 2017	*ad hoc* Group report: Nov 2022	2024
			N	NTS PCR and sequence analysis	YES	YES	YES	YES	1	Cáceres-Martínez *et al.*, 2010		
			N	NTS PCR and sequence analysis	YES	YES	YES	YES	1	Cáceres-Martínez *et al.*, 2008		
	Crassostrea virginica	American cupped oyster	N	ISH	YES	ND	YES	YES	1	Carnegie *et al.*, 2021	*ad hoc* Group report: Nov 2022	2024
			N	ITS PCR	YES	YES	ND	YES	1	Audemard *et al.*, 2008		
			N	ITS PCR and sequence analysis	YES	YES	YES	YES	1	Reece *et al.*, 2008		
			N	ITS PCR and sequence analysis	NO	YES	ND	YES	1	Abollo *et al.*, 2006		
	Magallana [Syn. *Crassostrea*] *ariakensis*	Ariake cupped oyster	N	ITS PCR and ISH	YES	YES	YES	YES	1	Moss *et al.*, 2006	*ad hoc* Group report: Nov 2022	2024
			N	NO (RFTM and histology)	ND	YES	NO	NO	NS	Calvo *et al.*, 2001		

	Saccostrea palmula	palmate oyster	N	NTS PCR and sequence analysis, FISH, and RFTM	YES	YES	YES	YES	1	Cáceres-Martínez *et al.*, 2012	*ad hoc* Group report: Nov 2022	2024
Assessed as incomplete evidence and listed in Section 2.2.2. of Chapter 2.4.5. in the *Aquatic Manual*												
Ostreidae	*Crassostrea gasar*	Gasar cupped oyster	N	ITS PCR and phylogenetic analysis and FISH	YES	I	I	YES	1	da Silva *et al.*, 2014	*ad hoc* Group report: Nov 2022	2024
			N	ITS PCR and sequence analysis	I	I	I	I	3	Luz Cunha *et al.*, 2019		
			N	NO (ITS PCR at genus level)	ND	ND	ND	NO	NS	da Silva *et al.*, 2016		
	Crassostrea rhizophorae	mangrove cupped oyster	N	ITS PCR and sequence analysis	YES	YES	ND	YES	1	da Silva *et al.*, 2013	*ad hoc* Group report: Nov 2022	2024
			N	ITS PCR and sequence analysis	ND	ND	ND	NO	3	Lohan *et al.*, 2018		
			N	NO (ITS PCR at genus level, RFTM, and histology)	YES	YES	YES	YES	NS	Brandão *et al.*, 2013		
	Magallana [Syn. *Crassostrea*] *gigas*	Pacific cupped oyster	N	ITS PCR and sequence analysis	ND	YES	NO	NO	2	Enríquez-Espinoza *et al.*, 2015	*ad hoc* Group report: Nov 2022	2024
			N	ITS PCR and sequence analysis	ND	ND	NO	NO	3	Leibowitz *et al.*, 2018		
			N	ITS PCR and sequence analysis	NO	ND	ND	NO	3	Luz Cunha *et al.*, 2019		
			EI	NO (RFTM)	ND	ND	NO	NO	NS	Chan *et al.*, 2021		
			N	NO (RFTM and histology)	YES	YES	ND	YES	NS	Calvo *et al.*, 1999		

			N	NO (presumed based on infective material)	NO	ND	ND	ND	NS	Meyers *et al*., 1991		
Assessed as having PCR positive results but no active infection and listed in the second paragraph of Section 2.2.2. of Chapter 2.4.5. in the *Aquatic Manual*												
Myidae	*Mya arenaria*	soft shell clam	N	ITS PCR and sequence analysis	ND	I	NO	YES	3	Reece *et al*., 2008	*ad hoc* Group report: Nov 2022	2024
			EI	P. marinus isolates from bank	YES	YES	YES	YES	NS	Dungan *et al*., 2007		
Ostreidae	*Crassostrea columbiensis*	Columbia black oyster	N	ITS PCR and sequence analysis	ND	ND	ND	NO	3	Lohan *et al*., 2018	*ad hoc* Group report: Nov 2022	2024
	Striostrea prismatica	stone oyster	N	ITS PCR and sequence analysis	ND	ND	ND	NO	3	Lohan *et al*., 2018	*ad hoc* Group report: Nov 2022	2024
	Assessed as evidence of non-susceptibility (e.g. experimental invasive studies with no evidence of infection)											
	none known											