

SUSCEPTIBILITY OF MOLLUSC SPECIES TO INFECTION WITH *BONEMIA OSTREAE*

The following table shows the mollusc species assessed against the criteria for susceptibility to infection with *Bonemia ostreae* 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 11.3.2. of Chapter 11.3. of the <i>Aquatic Code</i>											
<i>Magallana</i> (syn. <i>Crassostrea</i>) <i>ariakensis</i>	Ariake cupped oyster	N	YES	YES	ND	YES	YES	1	Cochennec <i>et al.</i> , 1998	ad hoc Group report: June 2020	2022 ¹
		E	YES	ND	ND	NO	YES	3	Audemard <i>et al.</i> , 2005 (conference abstract), and personal communication (R. Carnegie)		
<i>Ostrea chilensis</i>	Chilean flat oyster	N	YES	YES	ND	YES	YES	1	Lane <i>et al.</i> , 2016	ad hoc Group report: June 2020	2022
		N	YES	ND	ND	YES	YES	1	Grizel <i>et al.</i> , 1983		
<i>Ostrea edulis</i>	European flat oyster	N	YES	YES	ND	YES	YES	1	Marty <i>et al.</i> , 2006	ad hoc Group report: June 2020	2022
		ND	YES	YES	ND	YES	YES	1	Cochennec <i>et al.</i> , 2000		
Assessed as incomplete evidence and listed in Section 2.2.2. of Chapter 2.4.3. in the <i>Aquatic Manual</i>											
<i>Ostrea puelchana</i>	Argentinean flat oyster	N	YES	ND	ND	I	Yes	2	Pascual <i>et al.</i> , 1991	ad hoc Group report: June 2020	2022

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 2.4.3. in the <i>Aquatic Manual</i>											
<i>Actina equina</i>	beadlet anemone	N	YES	ND	ND	ND	ND	3	Lynch <i>et al.</i> , 2007	ad hoc Group report: June 2020	2022
<i>Asciidiella aspersa</i>	European sea squirt	N	YES	ND	ND	ND	ND	3	Lynch <i>et al.</i> , 2007	ad hoc Group report: June 2020	2022
<i>Magallana</i> (syn. <i>Crassostrea</i>) <i>gigas</i>	Pacific cupped oyster	N and E and EI	YES	YES	I	NO	YES	1	Lynch <i>et al.</i> , 2010	ad hoc Group report: June 2020	2022 ¹
		EI	Yes	NO	ND	NO	NO	4	Gervais, 2016		
		N and E and EI	YES	NO	NO	NO	NO	4	Culloty <i>et al.</i> , 1999		
<i>Ophiothrix fragilis</i>	brittle star	N and E	YES	ND	ND	ND	ND	3	Lynch <i>et al.</i> , 2007	ad hoc Group report: June 2020	2022
grouped zooplankton	zooplankton	N	YES	ND	ND	ND	ND	3	Lynch <i>et al.</i> , 2007	ad hoc Group report: June 2020	2022
Assessed as evidence of non-susceptibility (e.g. experimental invasive studies with no evidence of infection)											
<i>Mytilus edulis</i>	blue mussel	E and EI	YES	NO	NO	NO	NO	4	Culloty <i>et al.</i> , 1999	ad hoc Group report: June 2020	N/A
<i>Mytilus galloprovincialis</i>	Mediterranean mussel	E and EI	YES	NO	NO	NO	NO	4	Culloty <i>et al.</i> , 1999	ad hoc Group report: June 2020	N/A
<i>Ruditapes decussatus</i>	European clam	E and EI	YES	NO	NO	NO	NO	4	Culloty <i>et al.</i> , 1999	ad hoc Group report: June 2020	N/A
<i>Ruditapes philippinarum</i>	manila clam	E and EI	YES	NO	NO	NO	NO	4	Culloty <i>et al.</i> , 1999	ad hoc Group report: June 2020	N/A

¹ An amendment to the taxonomy of this species was adopted in 2023.