# Species and groups posing a risk of spread of aquatic animal diseases

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Commission Implementing Regulation (EU) 2024/216 concerning listed diseases of aquatic animals and the list of species and groups of species posing a considerable risk for the spread of those listed diseases

## What is changing and why?

The EU has updated its list of vectors of aquatic diseases, listing only those vectors with a demonstrated ability to transmit these diseases to susceptible species according to the European Food Safety Authority. The list in the Annex to Regulation 2018/1882 will be updated accordingly (Table 1).

The EU has also included dwarf oysters, European flat oysters, European razor clams, golden mussels, and striped venus clams in the list of aquatic molluscs susceptible to infection with the protozoan parasite *Marteilia refringens* (Table 2).

## Actions

Fishery operators and exporters to the EU of any vector or species susceptible to aquatic diseases listed in the Annex to Regulation 2024/216 should consider treatment or processing in accordance with good manufacturing practices prior to export, and ensure handling of the products does not jeopardise their safety.

## Timeline

The new Regulation applies from **1 February 2024**.

For more information see the full record on the AGRINFO website – where you can also view the latest AGRINFO Update newsletters and search the database.

## Tables & Figures

**Table 1**
**Vector species posing a risk of spread of aquatic animal diseases**

| Listed disease | Category[1] | Changes to the list of vector species[2] | |
|---|---|---|---|
| | | Old Regulation 2018/1882 | New Regulation 2024/216 |
| Epizootic haematopoietic necrosis | A+D+E | ~~*Aristichthys nobilis, Carassius auratus, Carassius carassius, Cyprinus carpio, Hypophthalmichthys molitrix, Leuciscus spp., Rutilus rutilus, Scardinius erythrophthalmus, Tinca tinca*~~ | [no vectors now listed] |
| Viral haemorrhagic septicaemia | C+D+E | ~~*Acipenser baerii, A. gueldenstaedtii, A. ruthenus, A. stellatus, A. sturio, Ameiurus melas, Argyrosomus regius, Aristichthys nobilis, Carassius auratus, C. carassius, Clarias gariepinus, Cyprinus carpio, Dentex dentex, Dicentrarchus labrax, Diplodus puntazzo, D. sargus, D. vulgaris, Epinephelus aeneus, E. marginatus, Huso huso, Hypophthalmichthys molitrix, Ictalurus punctatus, I.* spp., *Leuciscus* spp., *Morone chrysops x, Morone saxatilis, Mugil cephalus, Oreochromis, Pagellus bogaraveo, P. erythrinus, Pagrus major, P. pagrus, Pangasius pangasius, Rutilus rutilus, Salvelinus alpinus, S. fontinalis, Sander lucioperca, Scardinius erythrophthalmus, Sciaenops ocellatus, Silurus glanis, Solea senegalensis, S. solea, Sparus aurata, Thunnus* spp., *T. thynnus, Tinca tinca, Umbrina cirrosa*~~ | [no vectors now listed] |
| Infectious haematopoietic necrosis | C+D+E | ~~*Acipenser baerii, A. gueldenstaedtii, A. ruthenus, A. stellatus, A. sturio, Ameiurus melas, Aristichthys nobilis, Astacus astacus, Carassius auratus, C. carassius, Clarias gariepinus, Cyprinus carpio, Gadus morhua, Hippoglossus hippoglossus, Hypophthalmichthys molitrix, Huso huso, Ictalurus punctatus, I.* spp., *Leuciscus spp., Melanogrammus aeglefinus, Platichthys flesus, Pacifastacus leniusculus, Procambarus clarkii, Pangasius pangasius, Rutilus rutilus, Sander lucioperca, Scardinius erythrophthalmus, Silurus glanis, Tinca tinca*~~ | [no vectors now listed] |
| Koi herpes virus disease | E | *Carassius auratus, Ctenopharyngodon idella* | *Carassius auratus,* ***Carassius gibelio****, Ctenopharyngodon idella,* ***Gymnocephalus cernua, Hypophthalmichthys molitrix, Rutilus rutilus, Tinca tinca*** |
| Infection with *Mikrocytos mackini* | A+D+E | [no vectors previously listed] | ***Crassostrea virginica*** |
| Infection with *Perkinsus marinus* | A+D+E | ~~*Brachyura spp., Cherax destructor, Homarus gammarus, Macrobrachium rosenbergii, Palinurus spp., Penaeus indicus, Penaeus japonicus, Penaeus kerathurus, Penaeus stylirostris, Penaeus vannamei, Portunus puber, Scylla serrata*~~ | [no vectors now listed] |
| Infection with *Bonamia exitiosa* | C+D+E | ~~*Crassostrea angulata, C. gigas, C. virginica*~~ | [no vectors now listed] |
| Infection with *Bonamia ostreae* | C+D+E | ~~*Cerastoderma edule, Donax trunculus, Mya arenaria, Mercenaria mercenaria, Meretrix lusoria, Pecten maximus, Ruditapes decussatus, Ruditapes philippinarum, Venerupis aurea, V. pullastra, Venus verrucosa*~~ | [no vectors now listed] |

Continued…

## Table 1
## Continued

| Listed disease | Category[1] | Changes to the list of vector species[2] | |
|---|---|---|---|
| | | Old Regulation 2018/1882 | New Regulation 2024/216 |
| Infection with Taura syndrome virus | A+D+E | ~~*Atrina spp., Buccinum undatum, Brachyura spp., Cherax destructor, Cerastoderma edule, Crassostrea angulata, C. gigas, C. virginica, Donax trunculus, Haliotis discus hannai, H.,tuberculata, Homarus gammarus, Littorina littorea, Macrobrachium rosenbergii, Mercenaria mercenaria, Meretrix lusoria, Mya arenaria, Mytilus edulis, M. galloprovincialis, Octopus vulgaris, Ostrea edulis, Palinurus spp, Portunus puber, Pecten maximus, Penaeus indicus, P. japonicus, Penaeus kerathurus, Ruditapes decussatus, R. philippinarum, Scylla serrata, Sepia officinalis, Strombus* spp.*, Venerupis aurea, V. pullastra, Venus verrucosa*~~ | ***Episesarma mederi*, *Macrobrachium lanchesteri***' |
| Infection with yellow head virus | A+D+E | ~~*Atrina spp., Buccinum undatum, Cerastoderma edule, Crassostrea angulata, C. gigas, C. virginica, Donax trunculus, Haliotis discus hannai, H. tuberculata, Littorina littorea, Mercenaria mercenaria, Meretrix lusoria, Mya arenaria, Mytilus edulis, M. galloprovincialis, Octopus vulgaris, Ostrea edulis, Pecten maximus, Ruditapes decussatus, R. philippinarum, Sepia officinalis, Strombus spp., Venerupis aurea, V. pullastra, Venus verrucosa*~~ | [no vectors now listed] |
| Infection with white spot syndrome virus | C+D+E | ~~*Atrina spp., Buccinum undatum, Cerastoderma edule, Crassostrea angulata, C. gigas, C. virginica, Donax trunculus, Haliotis discus hannai, H. tuberculata, Littorina littorea, Mercenaria mercenaria, Meretrix lusoria, Mya arenaria, Mytilus edulis, M. galloprovincialis, Octopus vulgaris, Ostrea edulis, Pecten maximus, Ruditapes decussatus, R. philippinarum, Sepia officinalis, Strombus spp., Venerupis aurea, V. pullastra, Venus verrucosa*~~ | [no vectors now listed] |

[1]
A: Listed disease that does not normally occur in EU, immediate eradication measures must be taken as soon as it is detected.
B: Must be controlled in all EU Member States with the goal of eradicating it throughout the EU.
C: Of relevance to some EU Member States, measures are needed to prevent it from spreading to parts of the EU that are officially disease-free or that have eradication programmes for the listed disease.
D: Measures are needed to prevent it from spreading upon its entry into the EU or movements between Member States.
E: Need for surveillance within the EU.
[2] Species crossed out have been deleted from the list; species in bold have been added to the list.

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Table 2
Species susceptible to *Marteilia refringens*

| Listed disease | Category[1] | Changes to the list of species susceptible to disease[2] | |
|---|---|---|---|
| | | Old Regulation 2018/1882 | New Regulation 2024/216 |
| Infection with *Marteilia refringens* | C+D+E | ~~*Ostrea angasi, Ostrea chilensis,*~~ *Ostrea edulis,* ~~*Ostrea puelchana*~~ | ***Chamelea gallina***, *Ostrea edulis,* ***Ostrea stentina, Solen marginatus, Xenostrobus securis*** |

[1]
C: Of relevance to some EU Member States, measures are needed to prevent it from spreading to parts of the EU that are officially disease-free or that have eradication programmes for the listed disease.
D: Measures are needed to prevent it from spreading upon its entry into the EU or movements between Member States.
E: Need for surveillance within the EU.
[2] Species crossed out have been deleted from the list; species in bold have been added to the list.

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Source: based on Annexes to Regulations 2024/216 and 2018/1882