Annex 23. Item 9.2.1. – Sections 2.2.1. and 2.2.2. of Chapter 2.3.1. ‘Infection with *Aphanomyces invadans* (epizootic ulcerative syndrome)’

Chapter 2.3.1.

infection with *Aphanomyces invadans* (Epizootic ulcerative syndrome)

[…]

2.2. **Host factors**

2.2.1. **Susceptible host species**

~~[Note: an assessment of species that meet the criteria for listing as susceptible to infection with~~ *~~A. invadans~~* ~~in accordance with Chapter 1.5. has not been completed]~~ Species that fulfil the criteria for listing as susceptible to infection with *A*. *invadans* (epizootic ulcerative syndrome) according to Chapter 1.5. of the *Aquatic Animal Health Code* (*Aquatic Code*) are:

**~~Table 2.1. Fish species susceptible to infection with~~ *~~Aphanomyces invadans~~***

|  |  |  |
| --- | --- | --- |
| **Family** | **Scientific name** | **Common name** |
| ~~Alestidae~~ | *~~Brycinus lateralis~~* | ~~striped robber~~ |
| *~~Hydrocynus vittatus~~* | ~~tigerfish~~ |
| *~~Micralestes acutidens~~* | ~~silver robber~~ |
| ~~Ambassidae~~ | *~~Ambassis agassizii~~* | ~~chanda perch~~ |
| ~~Apogonidae~~ | *~~Glossamia aprion~~* | ~~mouth almighty~~ |
| ~~Ariidae~~ | *~~Arius sp.~~* | ~~fork-tailed catfish~~ |
| ~~Belonidae~~ | *~~Strongylura kreffti~~* | ~~long tom~~ |
| Alosidae | *Alosa sapidissima* | American shad |
| *Brevoortia tyrannus* | Atlantic menhaden |
| Anabantidae | *Anabas testudineus* | climbing perch |
| Bagridae | *Mystus cavasius* | gangetic mystus |
| Centrarchidae | *Lepomis macrochirus* | bluegill |
| *Micropterus dolomieu* | smallmouth bass |
| *Micropterus salmoides* | largemouth black bass |
| Channidae | *Channa spp.*(all species) *~~marulius~~* | N/A ~~great snakehead fish~~ |
| ~~spotted snakehead~~ | *~~Channa punctatus~~* |
| *~~Channa striatus~~* | ~~striped snakehead~~ |
| Cichlidae | *Etroplus suratensis* | pearlspot |
| *~~Coptodon rendalli~~* | ~~redbreast tilapia~~ |
| *~~Oreochromis andersoni~~* | ~~three-spoted tilapia~~ |
| *~~Oreochromis machrochir~~* | ~~greenhead tilapia~~ |
| *~~Sargochromis carlottae~~* | ~~rainbow bream~~ |
| *~~Sargochromis codringtonii~~* | ~~green bream~~ |
| *~~Sargochromis giardi~~* | ~~pink bream~~ |
| *~~Serranochromis angusticeps~~* | ~~thinface largemouth~~ |
| *~~Serranochromis robustus~~* | ~~Nembwe~~ |
| *~~Tilapia sparrmanii~~* | ~~banded tilapia~~ |
| Clariidae | *Clarias gariepinus* | ~~sharptooth~~ North African catfish |
| *~~Clarias ngamensis~~* | ~~blunt-toothed African catfish~~ |
| *~~Clarius batrachus~~* | ~~walking catfish~~ |
| ~~Clupeidae~~ | *~~Alosa sapidissima~~* | ~~American shad~~ |
| *~~Brevoortia tyrannus~~* | ~~Atlantic menhaden~~ |
| *~~Nematalosa erebi~~* | ~~bony bream~~ |
| Cyprinidae | *~~Barbus paludinosus~~* | ~~straightfin barb~~ |
| *~~Barbus poechii~~* | ~~dashtail barb~~ |
| *~~Barbus thamalakanensis~~* | ~~Thamalakane barb~~ |
| *~~Barbus unitaeniatus~~* | ~~longbeard barb~~ |
| *~~Carassius auratus~~* | ~~goldfish~~ |
| *~~Catla catla~~* | ~~Catla~~ |
| *Cirrhinus mrigala* | mrigal carp |
| *Dawkinsia filamentosa* | blackspot barb |
| *Enteromius paludinosus* | straightfin barb |
| *~~Esomus sp.~~* | ~~flying barb~~ |
| *~~Labeo cylindricus~~* | ~~red-eye labeo~~ |
| *~~Labeo lunatus~~* | ~~upper Zambezi labeo~~ |
| *Labeo catla* | catla |
| *Labeo rohita* | roho labeo ~~Rohu~~ |
| *Pethia conchonius* | rosy barb |
| *~~Puntius gonionotus~~* | ~~silver barb~~ |
| *~~Puntius sophore~~* | ~~pool barb~~ |
| *~~Rohtee sp.~~* | ~~keti-Bangladeshi~~ |
| ~~Eleotridae~~ | *~~Oxyeleotris lineolatus~~* | ~~sleepy cod~~ |
| *~~Oxyeleotris marmoratus~~* | ~~marble goby~~ |
| Gobiidae | *Glossogobius giuris* | tank goby |
| Ictaluridae | *Ictalurus punctatus* | channel catfish |
| Mastacembelidae | *Mastacembelus armatus* | zig-zag eel |
| Mugilidae | *Mugil cephalus* | flathead grey mullet |
| Osphronemidae | *Trichogaster fasciata* | banded gourami |
| Siluridae | *Wallago attu* | wallago |
| Sparidae | *Archosargus probatocephalus* | sheepshead |
| Xenocyprididae | *Hypophthalmichthys nobilis* | bighead carp |

2.2.2. **Species with incomplete evidence for susceptibility**

Species for which there is incomplete evidence to fulfil the criteria for listing as susceptible to infection with *A*. *invadans* according to Chapter 1.5. of the *Aquatic Code* are: ~~[under study]~~

|  |  |  |
| --- | --- | --- |
| **Family** | **Scientific name** | **Common name** |
| Cyprinidae | *Labeo capensis* | orange river mudfish |
|  | *Pethia punctata* | no common name |
|  | *Puntius mahecola* | no common name |
| Elopidae | *Elops machnata* | tenpounder |
| Epinephelidae | *Epinephelus malabaricus* | Malabar grouper |
| Ictaluridae | *Ameiurus melas* | black bullhead |
|  | *Ameiurus nebulosus* | brown bullhead |
| Mugilidae | *Mugil curema* | white mullet |
|  | *Planiliza macrolepis* | largescale mullet |
|  | *Planiliza parsia* | goldspot mullet |
| Pristolepididae | *Pristolepis malabarica* | no common name |
| Salmonidae | *Oncorhynchus mykiss* | rainbow trout |
| Scatophagidae | *Scatophagus argus* | spotted scat |
| Sciaenidae | *Bairdiella chrysoura* | goldtail croaker |
|  | *Pogonias cromis* | black drum |

[…]

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