

OIE AD HOC GROUP ON SUSCEPTIBILITY OF FISH SPECIES TO INFECTION WITH OIE LISTED DISEASES

Paris, 2022

Terms of reference

Background

Chapter 1.5. Criteria for listing species as susceptible to infection with a specific pathogenic agent, of the *Aquatic Code*, adopted in 2014, provides criteria for determining which host species are listed as susceptible in Article X.X.2. of each disease-specific chapter in the *Aquatic Code*. The list of susceptible species included in Article X.X.2. of all disease-specific chapters are being progressively reviewed against the criteria in Chapter 1.5.

The *ad hoc* Group on Susceptibility of fish species to infection with OIE listed diseases has undertaken assessments for all of the OIE listed diseases of fish, except for infection with red sea bream iridovirus and infection with *Aphanomyces invadans* (epizootic ulcerative syndrome).

Purpose

The *ad hoc* Group on Susceptibility of fish species to infection with OIE listed diseases will undertake assessments in accordance with criteria described in Chapter 1.5. for infection with red sea bream iridovirus.

Given that infectious spleen and kidney necrosis virus (ISKNV) is a closely related virus in the Genus *Megalocytivirus*, and that there is likely to be an overlap with RSIV in its epidemiology, pathology and diagnostic test methods, the *ad hoc* Group should also undertake assessments of susceptible species to ISKNV in its work.

Terms of Reference

- 1) Consider evidence required to satisfy the criteria in Chapter 1.5.
- 2) Review relevant literature documenting susceptibility of species for infection with red sea bream iridovirus and infection with infectious spleen and kidney necrosis virus.
- 3) Undertake assessments in accordance with Article 1.5.3. for potential host species in order to determine susceptibility to infection with red sea bream iridovirus and infection with infectious spleen and kidney necrosis virus.
- 4) Based on the assessments, propose a list of susceptible species for infection with red sea bream iridovirus and infection with infectious spleen and kidney necrosis virus in accordance with Article 1.5.7.
- 5) Based on the assessments, propose a list of species with incomplete evidence for susceptibility for infection with red sea bream iridovirus and infection with infectious spleen and kidney necrosis virus in accordance with Article 1.5.8.

Expected outputs of the *ad hoc* Group

- 1) Propose a list of susceptible species for inclusion in the Article 10.8.2. in the *Aquatic Code*.
 - 2) Propose a list of species with incomplete evidence for susceptibility for inclusion in Section 2.2.2. of the *Aquatic Manual*.
 - 3) Propose a list of susceptible species and species with incomplete evidence for susceptibility for infection with ISKNV.
 - 4) Draft a report for consideration by the Aquatic Animal Health Standards Commission at its September 2022 meeting.
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