

**FUNGY DISEASES OF GROWTH - OUT RUSSIAN STURGEON
(*Acipenser guldenstaedtii* Brandt and Ratzeburg, 1833) AND
SIBERIAN STURGEON (*Acipenser baerii* Brandt, 1869) IN
LAM DONG PROVINCE**

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Summary

The study on fungus composition and fungus that caused diseases for grow-out Russian sturgeon and Siberian sturgeon in Lam Dong province. A total of 128 specimens, including 58 sturgeon specimens with fungus disease signs (including 30 Russian sturgeon specimens and 28 Siberian sturgeon specimens) and 70 healthy Siberian specimens were used for fungus disease study. Results showed that, mucus losses, ulcerativeness, gill rot are fungus diseases of cultured sturgeon. *Saprolegnia* sp. and *Aphanomyces* sp., were isolated. The prevalences of pond and cage Russian sturgeon infected with *Saprolegnia* sp. were 22.2 % and 16.7%, respectively. The prevalences of pond and cage Siberian sturgeon infected with *Saprolegnia* sp. were 35.7% and 21.4%, respectively. The prevalences of pond Russian and Siberian sturgeon infected with *Aphanomyces* sp. 5.6% and 7.1%, respectively; *Aphanomyces* sp. was not found on cage-cultured fish. Results of back-infected experiment showed that *Saprolegnia* sp. is the disease causing agent of Siberian sturgeon.

Keywords: *Fungus disease, Russian sturgeon, Siberian sturgeon, Lam Dong.*