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EXPERIMENTAL STUDY OF SWIMMING CHARACTERISTICS OF JAPANESE RICE FISH (*ORYZIAS LATIPES*) FOR PADDY-FIELD FISHWAY DESIGN

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Objective

Recently, paddy-field fishways that aim to conserve fish living in paddy fields have been developed in Japan. The Japanese rice fish, the minami medaka living in paddy fields and drainage canal uses paddy fishways. The swimming ability of the minami medaka is low, and the burst ability and swimming method is unknown.

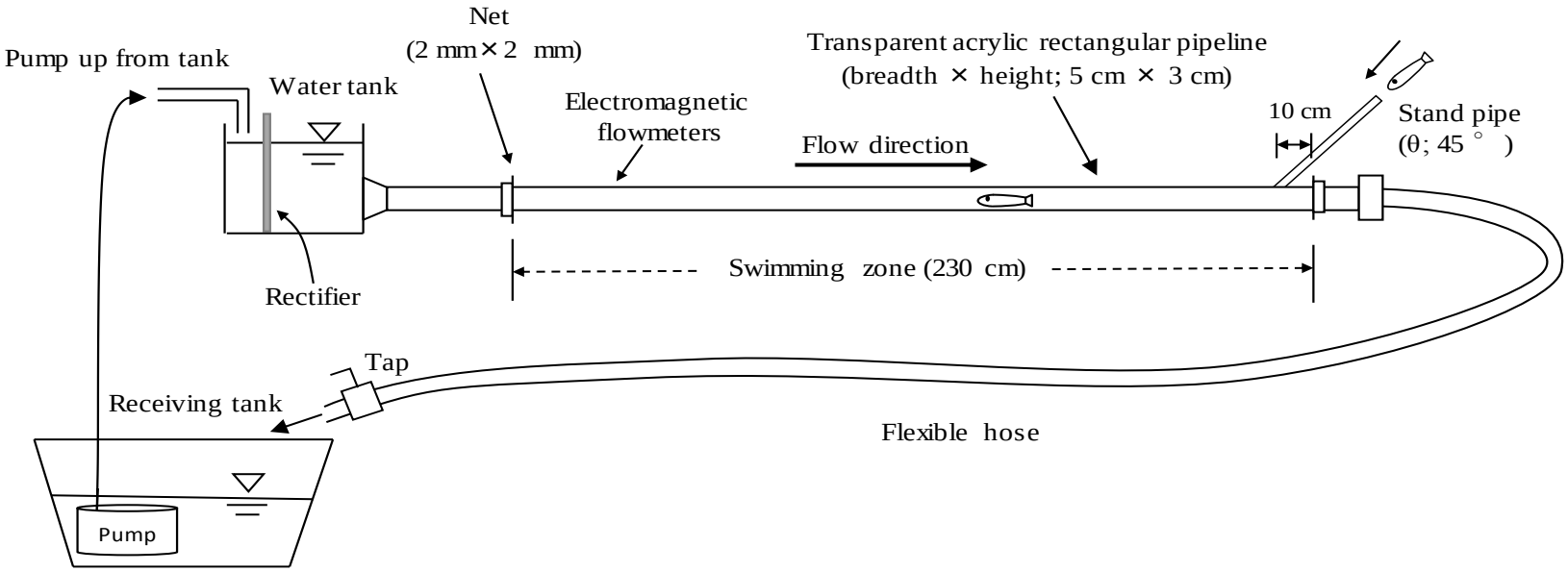
We conducted an indoor experiment on wild minami medaka to study its burst swimming speed for paddy-field fishway design.

MEDAKA
JAPANESE RICE FISH (ORYZIAS LATIPES)

Equipment

Photo of experimental equipment

Schematic view of experimental equipment



MOVIE : Swimming MEDAKA

Don’t miss it!
4 second

Relationship between swimming speed and time