知の間欠泉

Field Center Seminar

Geyser of Knowledge

Date & Time **Nov 11, 2026** (Wed) 12:00–13:00

Location Online (Google Meet)

Google Meet QR Code

meet.google.com/gps-fqvq-yaw

Title of the Talk

Polychaetes Crossing Oceans with Shellfish: Shell-Boring Infestations and Unique Reproductive Strategies



Speaker **Dr. Yuki Nagai**

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Abstract

With the globalization of molluscan aquaculture, many commercially important molluscan species have been transported beyond their native ranges. This movement has also raised concerns about the unintentional introduction of harmful organisms associated with host molluscs. Among these, shell-boring spionid polychaetes polydorids, which bore into shells and cause reduced growth and mortality in their hosts, have been reported to cause damage in molluscan aquaculture worldwide. In this presentation, I will report on the infestation of cultured and wild molluscs by polydorids in Japan, France, and South Africa. I will also introduce the larval developmental mode of poecilogony observed in several species, characterized by the production of larvae with different developmental modes within the same population.

Contact

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