Preserving Akahiretabira

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Background & Purpose

Akahiretabira (Acheilognathustabira subsp.R)



ose To discover the condition of spawning action To invent the artificial spawning ground

Spawning and preserving

Material



[Experiment target] Tairikubaratanago



Fig 2. Tairikubaratanago

[Environment]

- Light/Dark cycle : 12h
- Temperature : $22^{25^{\circ}}C^{4)}$
- Set clam to lead spawning³⁾



They did spawning action, but they didn't spawn. Interval of water incoming and outgoing is unnecessary.

Conclusion

- 1. It effects leading spawning action only when spawning organ appears
- 2.About condition of spawning Not needed : interval of water incoming and outgoing

Needed : right amount of water flow



of new device

Future Work

- Making a simpler and more efficient device
- Making a hatching device
- Discovering the new condition of spawning action

To complete the device of artificial spawning ground To increase the percentage of spawning