

Growth characteristic of ciliate protozoa isolated from activated sludge
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SUMMARY

We isolated some kinds of microorganisms from activated sludge sampled at wastewater treatment plants (Hirose treatment plant, and Kamiyagari treatment plant) in Sendai city with using micro pipette and needles under optical microscope. Isolation, stock, and monoxenic culture of *Oxytricha* sp., *Cratesium* sp., and *Paramecium* sp. were attempted successfully. In this study, we measured specific growth rate of these protozoa at several temperatures (10°C, 15°C, 20°C, 25°C, 30°C) using LE media. I will introduce the results and how to make LE media.