

<Marine Organism Rearing Log>

9 AM, November 15, 2023

Weather: Sunny

Water temperature: 17.6°C

The large surface area of the gills aids in respiration: gas exchange between the capillaries in the secondary gill valves and the seawater on the gill surface allows oxygen to be taken in and carbon dioxide to be expelled. When oxygen is scarce, the flounder opens and closes its gills faster, increasing the amount of seawater taken in through the mouth and facilitating gas exchange.

