

Use of the phototactic behavior (attraction to light) in the collection of fish larvae

- Many of fish larvae especially for marine fish, oysters and other organisms are phototactic (attracted to light). A passive capture technology –as shown in the photo- has been developed for the collection of fish larvae based on this behavior.
- The larval tank is furnished by a 10-watt white light that is suspended above the center of the tank while other surrounding lightening is extinguished.

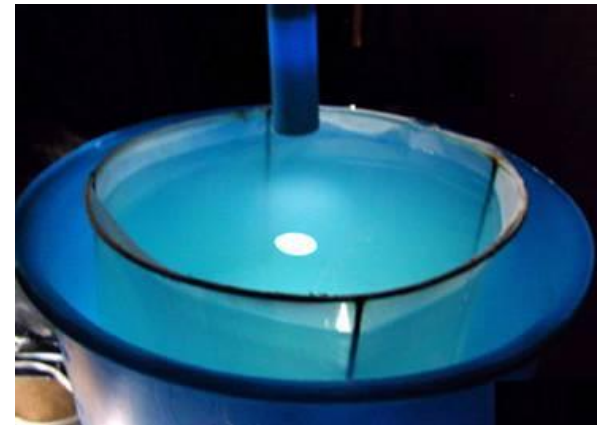


Photo credit: Samart Detsathit
(Thailand)

As anticipated, the larvae will concentrate in the center – under the light- which makes their collection efficient and easier using proper plastic sieves.