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.

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

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