## NOAA OE lesson plan All That Glitters oceanexplorer.noaa.gov/explorations/02sab/background/edu/media/sab\_deep\_sea.pdf

## **Purchasing Ostracods:**

Carolina Biological Supply Company has them, but they are called "Sea Fireflies". The description they give is:

Sea Firefly

*Cypridina hilgendorfii*. Collected from the sea near Japan, these desiccated organisms provide an example of a luciferin-luciferase system not requiring ATP for bioluminescence. Used by soldiers in World War II to provide a dim night-light; you simply crush the animals in sand and water to get a blue luminescence. Make separate luciferin and luciferase preparations which, when mixed, will luminesce. Instructions included.

Item # 203430, Sea Firefly, 500mg, \$49.50 Item # 203431, Sea Firefly, 1g, \$75.50

http://www.carolina.com/product/sea+firefly%2C+500+mg.do?keyword=sea+fireflies&sortby=b estMatches



information as of April 2008