



Supplementary Figure 1. (A) A photograph of *Sebastes inermis* and *Sebastes ventricosus* and (B) a video image recorded during a laboratory experiment conducted at the Fisheries and Ocean Technologies Center of the Hiroshima Prefectural Technology Research Institute in 2011. In this coexistence experiment, 25 individuals of each species (for a total of 50 individuals) were placed together in a 1-kL tank, and their behavior was recorded with a video camera. Using images from the video, we distinguished between the 2 species on the basis of the pattern and coloration of the body surface and the presence or absence of a golden border on the limbus of the eye. A [Supplementary Video](#) of the coexistence experiment is available.