**Figures Legends**

**Figure 1:** The percentage of shellfish produced by value in 2015 in each Washington State Dept. of Fish and Wildlife aquaculture area, where NPS=North Puget Sound, CPS=Central Puget Sound, SPS=South Puget Sound, HC=Hood Canal, SJF=Strait of Juan de Fuca, GH=Grays Harbor, and WB=Willapa Bay. Inlay: locations in South Puget Sound (SPS), Oakland Bay and Totten Inlet, where *Polydora* spp. were positively identified in 2017.

**Figure 2.** A. *Crassostrea gigas* valve with three active *Polydora* burrows (red arrows indicate entry points), B. *Crassostrea virginica* valve with many burrows, and C. an exposed u-shaped burrow (red arrow) occupied by a shell-boring polychaete. Oysters were sampled from Puget Sound, WA in 2017 (Martinelli et al. 2020). Images courtesy of Julieta Martinelli and Heather Lopes.

**Figure 3**. *Polydora websteri* found in *Crassostrea gigas* valve in Southern Puget Sound, WA in 2017 (Martinelli et al. 2020). Adult *P. websteri* can grow up to ~20mm long and are 1-2mm in diameter (Morse, Rawson & Kraeuter 2015). For higher resolution images of *Polydora websteri* from Washington State, see the scanning electron microscope images published in Martinelli *et al.* (2020). Image courtesy of Julieta Martinelli.