



PUFFERFISH HARMFUL EFFECTS ON LONGLINE FISHERY IN ISKENDERUN BAY

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Abstract

This study was investigated between February and September 2017 in Iskenderun Bay. The main purpose is to offer suggestions of solving problems about pufferfish's harmful effects on longline fishery. In order to explain problems, 8 longline fishing operation (400-needle) was made in Iskenderun Bay. Pufferfish species has been found in these operations and a large majority of these species are not taken to the boat for thinking of cut the fishing line. However, Pufferfish species, which is *Lagocephalus spadiceus* and *Lagocephalus sceleratus*, are taken to the boat without cut the fishing line. The average number of broken hooks is 7 for every 400 pins. It was tried to display in the laboratory how does pufferfish cut the fishing line by using captured and alive pufferfish species. Eventually, Pufferfish species very easily cut the fishing line with front teeth. However, if the hook comes to the side of your mouth, the pufferfish cannot cut the fishing line, is caught.

Keywords: Pufferfish, Iskenderun Bay, Longline fishery
