

An Exploration of Invasive Species Ecology and Management

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As humans continue to alter environmental conditions throughout the world, exotic species invasions will become more widespread. In 2000, the XXX laid out three strategies to protect ecosystems from biological invasion: (1) prevention of establishment, (2) eradication from invaded ecosystems, and (3) mitigation of interspecific interactions between the invasive and native species. As a graduate student at XXXX University, my research fit into the second XXXX strategy. I focused on the attachment behavior of invasive sea lampreys (*Petromyzon marinus*), with emphasis on the manipulation of attachment abilities to limit spawning migration in Great Lakes tributaries. At XXXXX University, I plan to continue work on invasive species ecology and will focus on the third strategy laid out by XXXXX XXXXX XXXXXXXXXXXXXXXXXXXX XXXXX XXXXX XXXXXXXX XXXXXXXX.

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