

Microplastics are small pieces of plastic that are less than 5mm in diameter and pollute the environment. Many single-use plastics are being thrown out with little to no thought about the potential environmental impacts. However, in recent years, studies have shown that fungi may be able to decompose these plastics. The aim of this study is to explore the biodiversity of bacteria and fungi living on plastics. We have isolated and observed numerous microorganisms that were found on plastics. With more research we could see if these microorganisms are using the microplastics as a food source and if so, they could potentially serve as a more efficient, "nature-friendly" way of recycling.