

# Research on the Rocks: Exploring Research Projects in Redfish Rocks Marine Reserve

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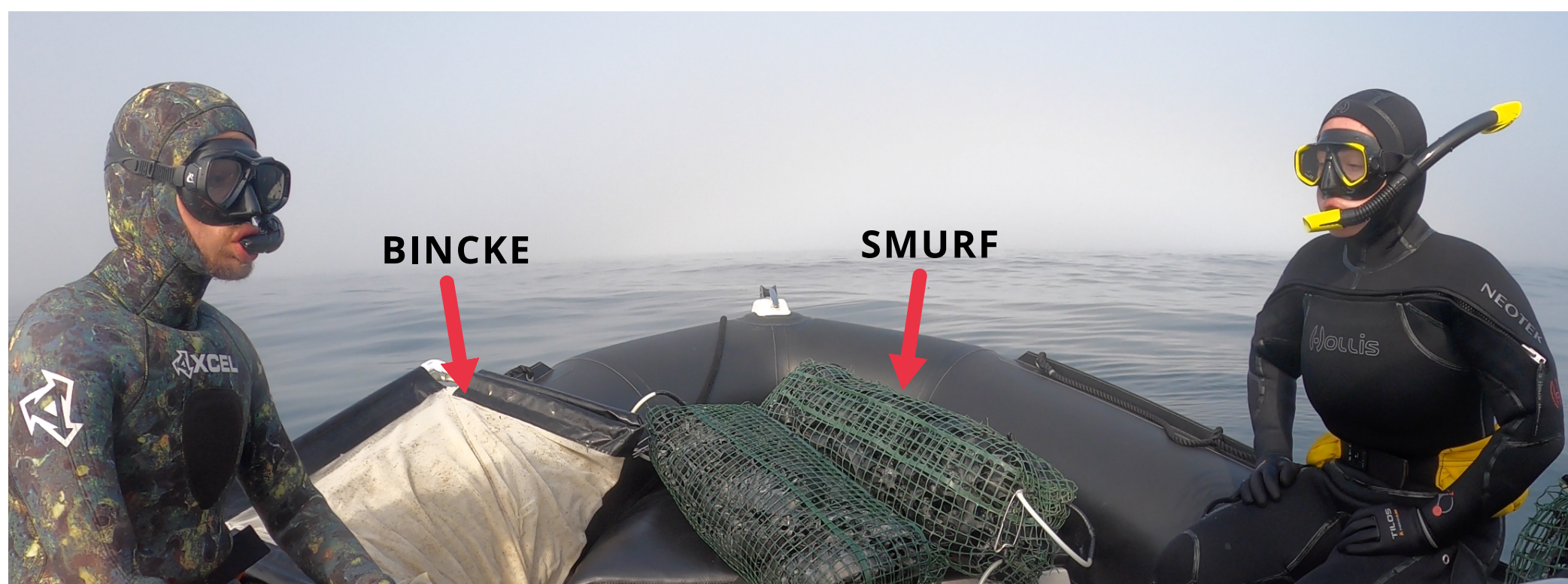
## INTRODUCTION

Port Orford is home to a small, but important commercial fishing community that proposed a site for Oregon's Marine Reserve Program. Redfish Rocks Marine Reserve was created with the intention of protecting habitat, and biodiversity while providing a site for research that avoids harm to coastal communities and ocean users. Juvenile fish research is being conducted to gain a better understanding of settlement and abundance of various commercially valuable fish species. I produced a short video in order to share knowledge and current research with the public. The video illustrates aspects of juvenile fish sampling with SMURFs (Standard Monitoring Units for the Recruitment of Fishes) while an interview with an intern provides context for the research.



## PROCESS

In order to highlight the research being done, I conducted SMURF sampling at various locations in and outside the marine reserve using a BINKE (benthic ichthyofauna net for kelp environments) with other interns. While conducting sampling we filmed the process on a Gopro. At the end of the season I interviewed Faith Townsend to get her perspective on the research



Faith Townsend measuring Juvenile fish

## Conclusion

This project will allow people to get a better understanding of the research that occurs in marine reserves. It illustrates the processes used for juvenile fish research and its importance to the reserve and local community. The final video will be available online and can be found via the QR code or on the OSU Port Orford and Marine Studies websites.



Faith Townsend discussing SMURFs during interview



Oregon State University  
Port Orford Field Station



Oregon State University  
Marine Studies Initiative

