Brionna Purvis Profesor Rinehart-Kim Genetics- BIO 294 September 8, 2023

Writing Assignment #1

Have you ever wondered what goes on in the ocean? Have you ever wondered why NASA halted ocean exploration and chose to focus on space exploration? For years, I have pondered the belief that NASA encountered something that they could not explain, deep within the crevices of the ocean. Unfortunately, humans are limited to the amount of research that they can conduct underwater due to external factors such as lack of oxygen and inhabitable deep sea conditions.

I have pledged to dedicate my life to finding something in our ocean that has never been discovered. For as long as I can remember, I have been fascinated by, and had a passion for, water. My family frequently refers to me as a fish because of how well I swim. My family also used to take note of my love for water and everything associated with it, from the science of it to the creatures that inhabit it. I have always dreamed of swimming with dolphins and owning one. I now know it wouldn't be practical to own a dolphin, but I would still love to swim and dive with them. Another goal of mine is to discover a new species of dolphin. Eighty percent of the ocean has yet to be explored, so I feel that there is ample room for me to discover something new.

Marine biology is my current major and I love every second of it, but I don't want to stop there. In the future, I would also love to get my masters degree in laboratory animal sciences. I feel that the furtherment of my education will aid in elongating my career. In addition to field research, I also feel comfortable doing lab work and performing hands-on experiments. I feel that having a holistic view would aid in my research and development. Another personal goal of mine is to own a research facility that can effectively observe animals without disturbing them, in order to track their everyday behavior. Everything in our ocean is a part of a food web that is made up of multiple different food chains, which is another reason I feel it is important to directly observe fish in their natural habitat.

Lastly, I would love to get into diving, as there are not many diving opportunities back home. Diving is another important part of research as it also allows you to physically observe and research many species of fish. Many new species have been discovered during diving ventures. I am hoping that I will get lucky enough to be one of the few biologists to discover a new species of animal on one of my dives. I am really hoping to rediscover the megalodon. The megalodon was considered to be one of the largest sharks to ever inhabit our oceans. Although megalodons were deemed to be extinct, I feel as though they just went deeper into the ocean as it became too warm for them to survive in shallow waters.

In conclusion, I hope to be the most well rounded, most passionate Marine biologist that the world has ever seen. I have a passion for water and all of the unknown creatures that may dwell beneath. Hopefully my research facility will be able to shed some light on what goes on in our oceans and locate many new species of aquatic life. While I am also pursuing a masters in another subject, my passion is marine biology. Sometime in the near future, I strive to explore the ocean, venture into the deep, and discover species that have long been thought gone.