

Discovering Deep-Sea Coral: Explorer Trading Cards

INSTRUCTIONS: Print double-sided, flip on long side. Cut on dotted line to create your explorer cards

DEEP-SEA EXPLORER



Laura Anthony

WHALETIMES WHALETIMES WHALETIMES

DEEP-SEA EXPLORER



Makeda Mills

WHALETIMES WHALETIMES WHALETIMES

DEEP-SEA EXPLORER



Amy Baco-Taylor

WHALETIMES WHALETIMES WHALETIMES

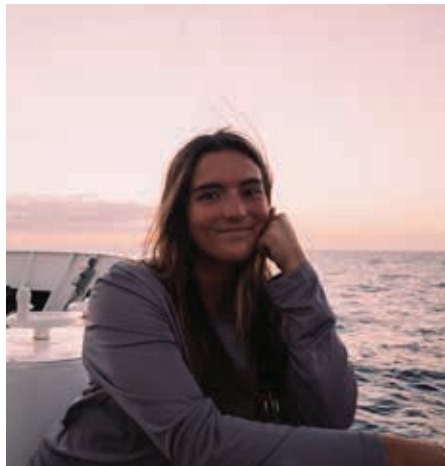
DEEP-SEA EXPLORER



Katie Shamberger

WHALETIMES WHALETIMES WHALETIMES

DEEP-SEA EXPLORER



Bailey Skinner

WHALETIMES WHALETIMES WHALETIMES

DEEP-SEA EXPLORER



Virginia Biede

WHALETIMES WHALETIMES WHALETIMES

Photos used with permission

©WhaleTimes, Inc. All Rights Reserved



Amy Baco-Taylor

Florida State University

Studies: Deep-sea coral and seamount ecology.

Research Focus: Interested in understanding how deep-sea coral reefs on seamounts in the North Pacific can occur in an area where the seawater chemistry is all wrong for reef formation

Three things Amy does to help the Earth:

Recycles and uses as few single-use plastics as possible. Conducts research that can help provide better understanding, protection, and management of the deep oceans.

Something surprising about Amy:

I have two kids. I am the best MarioKart™ player in my house. I love hiking and biking.

Virginia Biede

Florida State University

Studies:

Deep-sea corals, their homes, and how they are able to create homes for other animals.

Research Focus:

Studies deep-sea coral communities and how they differ across the deep-sea environment.

Three things Virginia does to help the Earth:

Eats vegetarian diet, composts food scraps, and tries to purchase used goods and clothes as much as possible.

Something surprising about Virginia:

Something kids might find surprising is that I am actually a twin!

Makeda Mills

Texas A&M University

Studies:

Bacteria that live on deep-sea corals

Research Focus:

How bacteria that live on deep-sea corals may help corals survive in difficult and unexpected areas throughout the Northwestern Hawaiian seamounts

Things Makeda does to help the Earth:

Replaced single use items with silicon or aluminum. Takes the bus. Re-purposes empty glass containers for gardening or storage.

Something surprising about Makeda:

I enjoy playing piano, gardening, going to the beach, and traveling to try new foods and experiences.

Laura Anthony

Florida State University

Studies:

Reef-forming deep-sea coral reproductive ecology

Research Focus:

Discovering if lower aragonite saturation (pH) impacts the reproductive output of reef-forming deep-sea corals.

Three things Laura does to help the Earth:

Use reusable shopping bags, vegetarian diet, and organized beach clean-ups throughout college.

Something surprising about Laura:

I play the electric guitar.

Katie E. F. Shamberger

Texas A&M University

Studies:

The chemistry of seawater, how humans caused changes in seawater chemistry can affect the health of corals and coral reefs.

Research Focus:

Wants to know if the water chemistry is causing the deep-sea reef-building coral skeletons to dissolve. If so, how fast? If not, why not?

Three things Katie does to help the Earth:

Reduces water use by collecting rain water and then uses it to water the garden and house plants.

Something surprising about Katie:

I used to live in Hawaii and met my husband there. Now we have 2 kids and a golden retriever named Kea.

Bailey Skinner

Texas A&M University

Studies:

Environmental Geosciences and Ocean Science and Technology

Research Focus:

Determining if aragonite saturation state is a good predictor of total alkalinity

Three things Bailey does to help the Earth:

Limits single-plastic use such as straws, water bottles, sandwich and grocery bags; shares with others about the environment, eats less meat

Something surprising about Bailey:

I play soccer in my free time. I love being outside especially near water and taking my puppies for walks. I also enjoy reading mystery books.