



- Opened October 16<sup>th</sup>, 2013
- Over 16,000 marine animals from the waters of the world
  - Includes 450 species of fish and invertebrates, and one species of reptile (green sea turtles)
- 5.7 million litres of water
- 57 live exhibits in nine galleries
- 12,500 sq m (135,000 sq. ft)
- 97 Life Support System pumps in Toronto
- Over 100 interactive displays, including 4 touch pools
- Six play zones for children including Ripley's Explorer Research submarine
- Daily dive shows and aquarist talks
- Includes Ripley's Café, Photo Port, and Cargo Hold Gift Shop

## WATERS OF THE WORLD

Unique double exhibit with a tropical saltwater tank inside a freshwater tank.

### Freshwater exhibit showcases:

- Tropical freshwater fish
  - African cichlids

### Saltwater exhibit showcases:

- Tropical fish from around the world
  - Triggerfish, Angelfish

## CANADIAN WATERS

Features 17 exhibits displaying aquatic animals from "Canada's own backyard".

- Alewives (can be found in the ocean AND freshwater lakes)
- Great Lakes basin featuring many species of fish including trout, bass, gar, carp, and musky (200,000 litres)
- American Eels (their bodies are covered in a layer of mucus)
- Canadian Cold Water Crabs (variety of species)
- Canadian Fisheries featuring Atlantic cod, Pollock, and halibut
- North Atlantic Deep (highlights the effects of light in the ocean featuring sea raven and blackbelly rosefish)
- Tube Anemones (cerianthids dwell inside a rubbery tube)
- Sea Pens (named after their feather pen-like appearance)
- Sculpin Focus (featuring sculpins and barnacles)
- Lumpfish (rugby-ball shaped fish that uses suction cups on its stomach to attach to rocks)
- Wolfeels (young wolfeels start off burnt orange and gradually turn to grey)

- American Lobster (our exhibit will have large 100+ year old lobsters; also blue, white and orange lobsters)
- Giant Pacific Octopus (double exhibit with 2 cylinder tanks connected with overhead tank)
- Pacific Kelp featuring 27 different species and 180 degree panel (features a wave maker to simulate the surge of the BC shoreline, 2 varieties of synthetic kelp, and the largest & thickest acrylic panel in the building: 7m x 3.86m)
- Anemone Wall featuring 7 different varieties
- Sea Star Shelf (sea stars, urchin, juvenile fish)
- Arctic grayling (rare freshwater game fish symbolic of clear, cold streams of the northern wilderness)

## RAINBOW REEF

Rainbow Reef is a 420,000 litre tropical reef tank.

- 60 varieties of species
- Including various tangs, surgeonfish, angels, butterfly fish, damsels, chromis, clownfish

## DANGEROUS LAGOON

Features the largest tank in the aquarium; a 2.9 million litre tank. Underwater tunnel is 96 linear metres (315ft) long with unique moving sidewalk.

### 1) Dangerous Lagoon

- Features 17 sharks of 3 different species, including; sand tiger, sandbar, and nurse. Some sharks will measure up to 3-4 m in length.
- Green sawfish
- Green sea turtle
- Moray eel

### 2) Grouper Grotto (located half way through the Dangerous Lagoon tunnel)

- Includes 3 different varieties:
  - Goliath Grouper
  - Queensland Grouper
  - Potato Cod

### 3) Shark Reef

- Features a crawl-through tunnel for viewing
- Includes 3 different varieties:
  - Blacktip and whitetip reef
  - Zebra sharks
  - Wobbegong

## DISCOVERY CENTRE

Discover the aquatic world with your eyes, ears and hands with this interactive gallery.

- Horsehoe crab touch pool
- Yellow submarine interactive featuring pop up tank into Dangerous Lagoon
- Pipefish peek-a-boo featuring pipefish and shrimpfish who like to play hide and seek
- A second peek-a-boo featuring clownfish and tangs
- A Great Lakes locks interactive

## THE GALLERY

“Mother Nature’s Art Gallery” features nature’s unique and breathtaking aquatic life from all over the world.

- 1) **Living coral** (many different varieties)
- 2) **Venomous fish**
  - a. red lionfish, stonefish, and devil scorpionfish
- 3) **Electric eel** (one eel can produce 600 volts of electricity)
- 4) **Sea horses**
- 5) **Cuttlefish**
- 6) **Archerfish and mudskippers**
- 7) **Red-bellied piranhas**

## SWARM: NATURE BY NUMBERS

Swarm: Nature By Numbers changeable exhibit featuring creatures that swarm together.

1. **Halloween Crabs**
2. **Coral Catfish**
3. **Lookdown** (pop-up tank)
4. **Flashlight Fish**
5. **Blue Blubber**
6. **Cricket**
7. **Scarlet Cleaner Shrimp** (touch pool)

## RAY BAY

Interact with our stingrays at the top of Ray Bay for a more intimate experience.

- 1) **Freshwater Rays**
- 2) **Ray Bay**
  - Southern stingrays
  - Cownose rays
  - Roughtail stingrays
  - Spotted eagle rays
  - Bonnethead sharks

## PLANET JELLIES

Unique gallery dedicated to jellyfish; featuring one of the world's largest kreisel tanks

- 1) **Pacific Sea Nettles** (their nematocysts contain powerful paralyzing toxins)
- 2) **Moon Jellies** (transparent, white bell rimmed with hundreds of short tentacles)
- 3) **Upside Down Jellies** (often mistaken for anemones)
- 4) **Jellies Life Cycle** (polyps, ephyrae, medusa)
- 5) **Spotted Jellies** (also known as lagoon jelly)

## LIFE SUPPORT SYSTEMS (LSS)

A behind-the-scenes look into the aquarium's life support systems for Dangerous Lagoon and Ray Bay.

- Life Support Systems monitoring room
- 12 Filters
- 3 Fractionators

## OTHER FEATURES

- Events
  - **Friday Night Jazz** – Monthly event featuring a live local band and drinks
  - Various 19+ events that occur throughout the year
- Programming
  - **Stingray Experience + Snorkel** – Get up close and personal with stingrays
  - **Discovery Dive** – A 30-minute guided dive in Dangerous Lagoon
  - **Yoga** – Find your zen with six-week yoga sessions
  - **Photography and Paint Nite®** - Get creative with 16,000 fish
  - **Sleepovers** – Do sharks ever sleep? Find out with this overnight reef adventure
  - **Camps and Clubs** – Summer and March Break camps, Sea Squirts, Ocean Explorers Club, and more!