

SK Films

EXPLORE AT HOME KIT

Keep the whole family engaged and learning with this exciting array of educational materials and activities developed by world-leading educators.

Explore amazing animal adaptations like camouflage and mimicry in the Amazon rainforest, descend into molten lava pools, fly with millions of monarch butterflies along their epic migrations, discover the astounding wilderness in your own backyard and much more!

Stream full episodes of the award-winning eco-adventure documentary series, *The Water Brothers*. Investigate the challenges facing our water resources - ocean and fresh water - and the clever solutions leading experts and scientists are coming up with.

All materials align with Next Generation Science Standards.



hhmi | Tangled Bank Studios

skfilms.ca

For more information: info@skfilms.ca



SK Films

EXPLORE AT HOME KIT

The materials in this kit were created as part of the extensive and stand-alone educational programs that accompany each of these award-winning IMAX®/Giant

Screen films:

- **Backyard Wilderness**
- **Amazon Adventure**
- **Flight of the Butterflies**
- **Volcanoes: The Fires of Creation**
- **The Water Brothers**

These are the same tools that teachers and school groups use to deepen their understanding of these subjects. You don't need to have seen the films to have fun learning with these interactive activities.

SK Films hopes that, when the theaters in your local museums and science centers open again to the public, you will have an opportunity to watch the full films.

Please visit our website for theater listings and follow us on Facebook for updates about showings.

BACKYARD

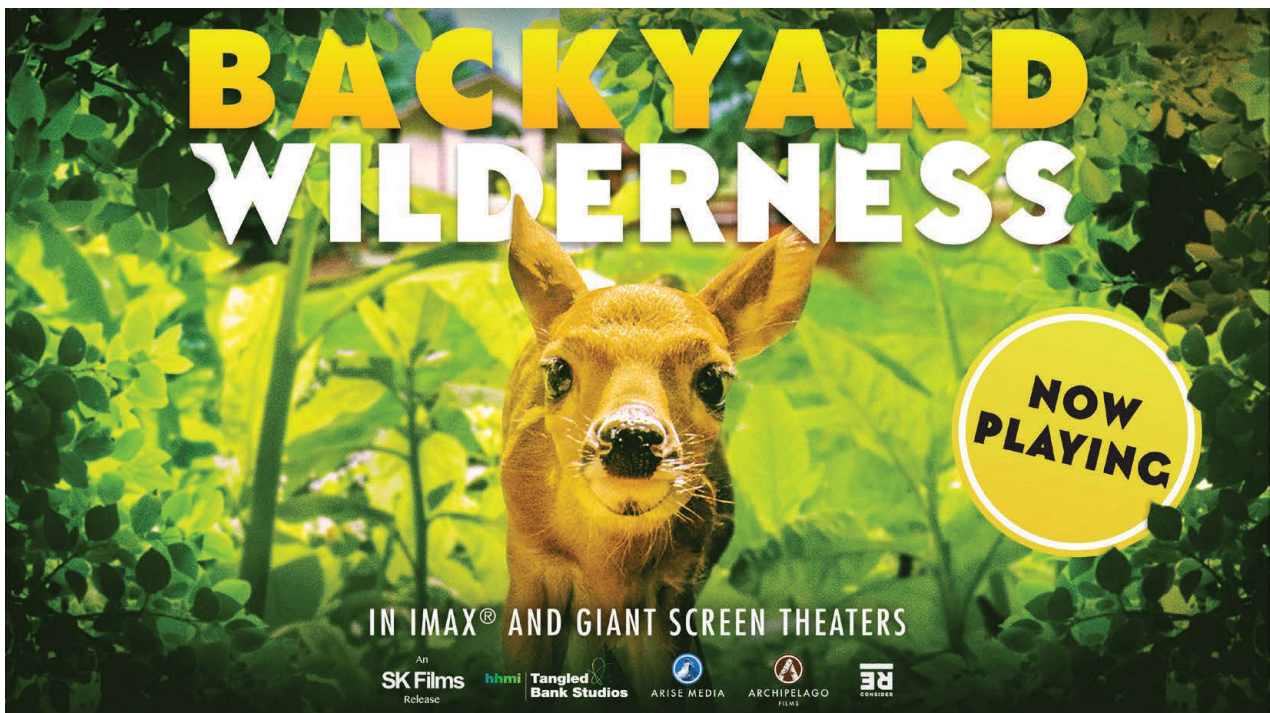
WILDERNESS



ABOUT THE FILM

Backyard Wilderness will surprise and entertain viewers with the unexpected wonders of nature that are right under our noses—in our own backyards. Spanning a seasonal year around a suburban home, the film displays a stunning array of unique wildlife images and behavior—all captured by cameras mounted inside dens and nests, and moving along the forest floor and pond bottom, to reveal its inhabitants in rare and breathtaking intimacy.

We follow Katie, a young girl, and her modern family living next to the woods who are blind to the real-life spectacle around them, absorbed by an array of electronic devices in their busy lives. Katie gradually discovers the intricate secrets that nature has hidden so close to her front door and we experience the joy she finds in her interactions with this new world. The film reminds us that Wi-Fi is not the only connection that matters and that sometimes in ordinary places, you can uncover extraordinary things that could transform you forever—you just need to step outside.



[Watch the Trailer](#)

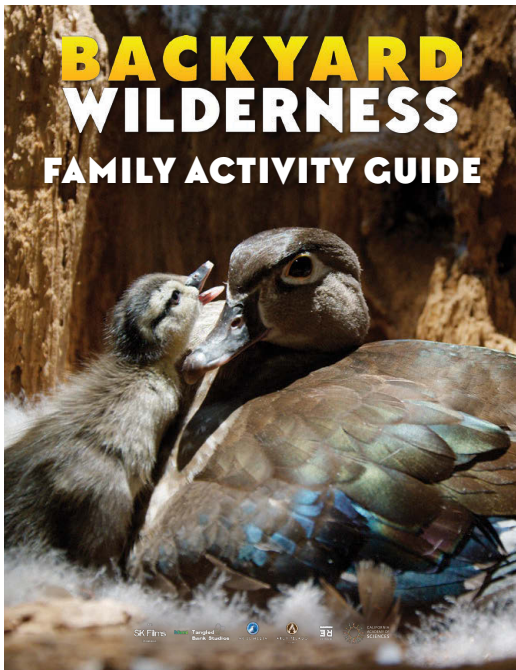
BACKYARD

WILDERNESS



Check out all the educational materials on our website:
backyardwildernessfilm.com/education

ACTIVITY GUIDES

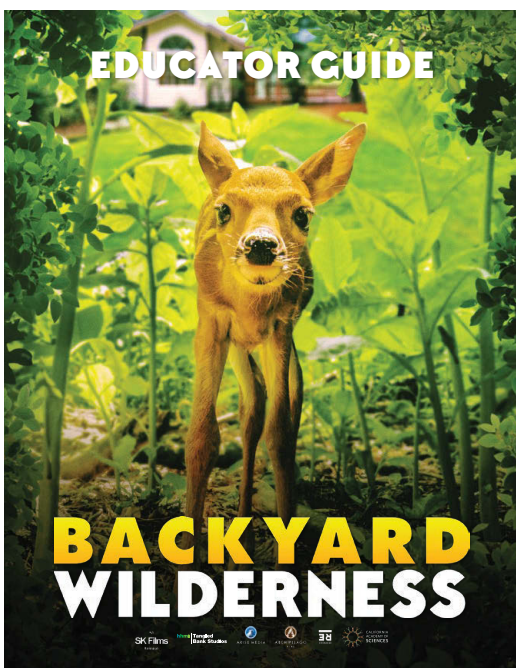


FAMILY ACTIVITY GUIDE (GUIA DE ACTIVIDADES FAMILIARES)

For families with elementary aged children, activities target science practices such as observation skills and problem-solving.

[Download in English](#)

[Descargar en español](#)



EDUCATOR GUIDE (GUIA PARA EL DOCENTE)

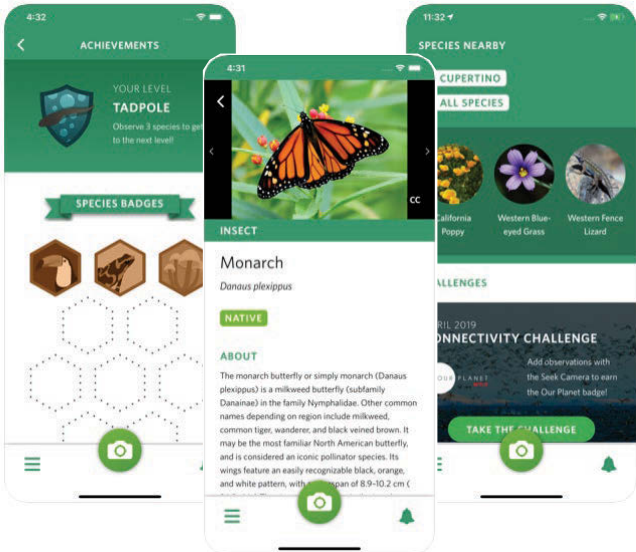
For grades 3-8 with guiding questions for pre and post film viewing, classroom and outdoor activities, citizen scientist resources, all tied to the next generation science standards.

[Download in English](#)

[Descargar en español](#)



SMARTPHONE SCIENCE APPS



SEEK APP FOR KIDS

Use the power of image recognition technology to identify the plants and animals all around you.

Get outside and point the Seek Camera at living things. Identify wildlife and plants you see and take pictures to earn badges. Learn fun facts about the organisms all around you.

[Download on Google Play and the App Store](#)



iNATURALIST APP

iNaturalist builds nature knowledge by working with other naturalists and helping others.

Lend a hand as a citizen scientist and help experts and resource managers understand when and where plants and animals live.

[Download on Google Play and the App Store](#)



ANIMAL FACT SHEETS

ALL ABOUT COYOTES

With fun and memorable scientific facts, this info sheet will inspire your at-home students to learn all about these fascinating creatures that share the nature in our communities.

Read all about their amazing abilities to adapt to these ever-changing environments and how their family groups stick together.

[Download Now](#)

BACKYARD WILDERNESS

ALL ABOUT COYOTES

At the top of the backyard food chain, sits the coyote. Often referred to as the American jackal, the coyote is a smaller cousin to the wolf. They even share some of the same DNA with the dogs we keep as pets and, like our canine friends, they form strong family groups called packs to hunt, play and mate.

Their diets keep the populations of plants and smaller animals within a sustainable range. They have an important role to play in their ecosystems and depend on their habitats for survival. It's up to us to ensure their protection.

DID YOU KNOW? Coyotes can run up to speeds of 40 mph, that's faster than the fastest Olympic sprinter, Usain Bolt!

They also have a distinctive call their pack can hear miles away.

The pack adheres to a sophisticated social hierarchy made up of anywhere from 2-10 adults led by a dominant alpha male and female. Despite their relatively small size, when hunting together coyotes can bring down a deer or even a moose!

From the bone chilling cold of the Arctic to the sizzling heat of the equator, they have adapted to endure and survive in many different habitats across North and South America. This means they eat everything from small mammals, berries and fish to insects and, in cities and towns, even garbage.

DID YOU KNOW? A baby coyote, called a pup, cannot open its eyes for the first 10-12 days after it's born.

RANGE OF COYOTES ACROSS NORTH AND SOUTH AMERICA

COYOTE SIZE COMPARISON TO OTHER ANIMALS

- North American Wolf
- Golden Retriever
- House Cat
- Coyote

NORTH AMERICAN SALAMANDERS

Salamander populations indicate the health of their habitat, the more there are the healthier their ecosystem is.

Explore the important stages of their lifecycle and get your kids excited to go on a nature walk and look for these little critters.

[Download Now](#)

BACKYARD WILDERNESS

NORTH AMERICAN SALAMANDERS ARE AN INDICATOR SPECIES

All ecosystems need water to survive. This also includes us humans, which are mostly made up of water. However we're not the only ones who share this valuable resource. Plants soak it up from the ground and release it into the air as moisture. This moisture then comes together forming clouds and rain. Rainwater then makes its way into rivers, lakes, oceans and vernal pools (temporary spring ponds) where salamanders mate and breed.

Spotted salamanders rely on these pools to live, and it's their relationship to them and the rest of their ecosystem that makes them an important indicator species. The term "indicator species" means they are very susceptible to tiny changes in their environment like higher temperatures, pollution, shorter or longer seasons and drastic water level shifts to name a few. A higher population of salamanders indicates that the environment is healthy because they're able to breed and reproduce with the resources they have.

However, lower numbers can be the early warning signs of an ecosystem's poor health. A sick or dying ecosystem isn't just bad news for the salamanders, they're simply an obvious indicator that something is wrong and could be affecting many other species as well. The health of an ecosystem affects us, the plants and the animals that dwell within it and if the smaller, more numerous organisms die than the larger predators that rely on them as food, such as snakes, birds and raccoons, may themselves see a population decrease. Spotted salamanders are vital to the health of everything around them, even the water, and are proof that we are all connected.

DID YOU KNOW? The spotted "mole" salamander lives only in North America. They are known for digging holes, just like moles.

They eat bugs found in dirt and under rotten logs and leaves.

DID YOU KNOW? Salamanders are amphibians, they need water to lay eggs, like frogs!

THE SPOTTED SALAMANDER'S LIFE CYCLE

In the wild, they can live up to 32 years.

Emerging from hibernation, Spotted salamanders venture to the same vernal pool in which they were born to mate.

Female salamanders lay their eggs in big clumps of up to 100 eggs at a time.

6-8 weeks later the salamander sits hatch. They look more like a tadpole than a salamander at this time.

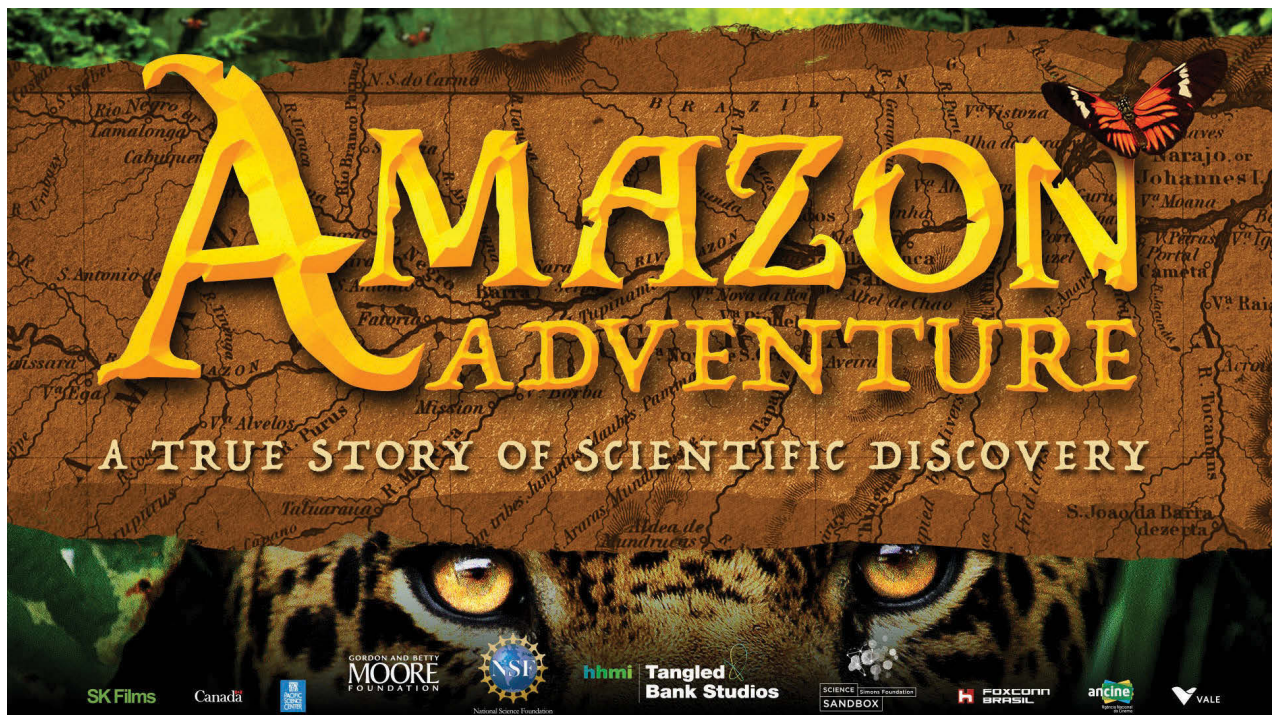
They quickly grow legs and crawl out of the vernal pool before it dries up.



ABOUT THE FILM

Amazon Adventure tells the epic, true story of explorer Henry Bates' fascinating 11 year journey through the visually stunning and biodiverse Amazon rainforest as a young man who risks his life for science in the 1850's. As in any great detective story, audiences will experience, in immersive IMAX®, the compelling clues Bates unearths in his major discovery of the phenomenon of mimicry, whereby certain animals (sometimes rarely seen by humans) adopt the look of others that helps them deceive predators and gain an advantage to survive.

Little known to the public, Bates made other crucial contributions to biology: identifying 8,000 species new to science and most importantly, putting forward the first ever case for the creation of a new species, which Charles Darwin called the "beautiful proof" for Natural Selection. Audiences will be wowed by the mind-boggling examples of camouflage and mimicry and inspired by Bates' endless curiosity and determination to explore the wilds of nature from the time he was a young boy.



[Watch the Trailer](#)



Check out all the educational materials on our website:
amazonadventurefilm.com/educators

FUN INFO SHEETS



WILDLIFE FEATURED IN THE FILM

Amazon Adventure immerses audiences right into the biodiverse rainforest. The following is a list of the scientific names with photos of over 70 different species that appear in the film in chronological order.

Henry Bates' fascinating 11-year exploration through the perilous Amazon jungle shows him in constant contact with the wildlife inhabiting these visually stunning ecosystems. Everything from the smallest beetle crawling along the forest floor to the immense trees creating a canopy above, Bates wanted to examine it all.

Things are not always what they seem as Bates discovered many astounding examples of camouflage and mimicry. He also collected over 14,500 different species while in the Amazon and 8,000 new to science.



Assorted Butterfly Boxes appearing in various scenes throughout film (Stevens' shop, Bates' collectors, etc)



Common Leaf Mantids or Hooded Mantid

Scientific: *Chorostola rhomboides*



Common Brazil Stick Mantid

Scientific: *Bruneria brasiliensis*



Common Katydid Insect

Scientific: *Typophyllum lanatum*

1

WILDLIFE IN THE RAINFOREST

Experience the biodiverse Amazon rainforest with over 70 different species that appear in *Amazon Adventure*.

Challenge yourself to pronounce the scientific names of these creatures and marvel at the diversity of animals and insects.

[Download Now](#)



From *Amazon Adventure*: Mundurukú gather around the fire

The Native Tribes in *Amazon Adventure*: A Time of Change

Henry Bates spent 11 transformative years in Brazil from 1848 to 1859 where he met many tribes along the Amazon River. These natives taught Bates to adapt to the untamed rainforest and, in exchange, they relished the chance to learn about life beyond the Amazon. It was a time of change. With less intertribal wars, young men left their homes searching for opportunities working in river trading and lumber mills. Some of these tribes were the Camáca, Mauhé, Tacana, Shumámas, Jurú, Passós, Caishank, Cocama, Maráua and Mundurukú.

The Mundurukú in particular had a curiosity that rivaled Bates' own. For example, during one of his visits, they insisted he show them all of the hundreds of pages in *The Pictorial Museum of Animated Nature*, carried everywhere by Bates during his journey. The drawings of animals and small curiosities like shells and fossils from around the world captured the imagination of the Mundurukú people. Original copies of the two volume book were used in *Amazon Adventure*. The film focuses on this tribe because Bates described their encounters in detail in his book *The Naturalist on the River Amazons*, published in 1863.



From *Amazon Adventure*: The chief's daughter "Yara", wearing clothing traditional to Mundurukú women, sits with Bates

ANCIENT AMAZONIAN TRIBES

Learn about the culture of the Mundurukú tribe native to the Amazon rainforest and how they helped early explorers navigate the lush jungle.

[Download Now](#)

AMAZON ADVENTURE

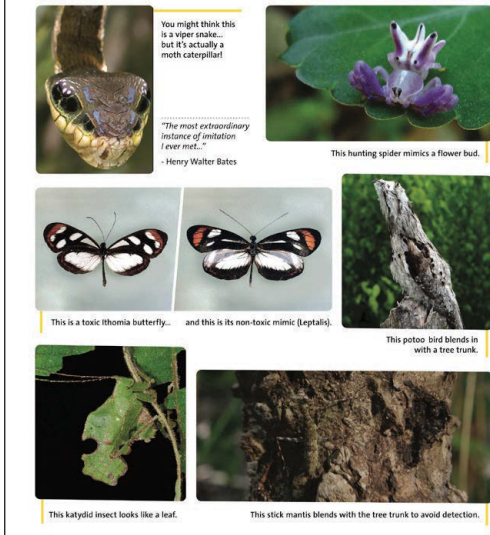


SURVIVING THROUGH MIMICRY

Every species on the planet has adapted in some way to give them the best chance of survival.

Check out these amazing critters who have adopted the look of inanimate objects to hunt for food or the patterns of toxic species to deter predators.

[Download Now](#)



A WORLD BEFORE WIKIPEDIA

Before the incredible research resources we have online, explorers had to go out into nature to collect and track specimens new to science.

In the 1850s, creatures were hand-drawn and documented in a book called "The Pictorial Museum of Animated Nature". This book was an invaluable resource to scientists and naturalists like Charles Darwin and Henry Bates.

[Download Now](#)



THE PICTORIAL MUSEUM OF ANIMATED NATURE:

THE RELEVANCE OF THE BOOK IN AMAZON ADVENTURE 3D

The research team was fortunate to obtain an original version of the book from 1844 for use in the research and filming of Amazon Adventure 3D. Early on in the film, Henry Bates and Alfred Wallace, at ages 23 and 25, enter the astounding world of the Natural History Agency run by the natural history agent, Samuel Stevens. This unique London shop is filled with rare science books and journals and curiosities collected from around the world - all the rage to buy in Victorian England. They hoped to make a deal with Stevens to collect specimens in the Amazon for him to sell and thus pay for their adventure. Bates sees this remarkable and relatively unknown book in the shop that depicts the skeleton of a giant sloth and a modern day smaller sloth and he imagines how the smaller one might have evolved from the giant one.

Bates buys the book and takes it with him to the Amazon - rather remarkable, as each large volume is over 400 pages, not an easy feat to carry around in the humid and dense jungle. We next see the book when Bates is showing it to a village of Amazonian natives who are fascinated with each picture of strange animals, most of which they had never seen before. In a later scene, Bates' native guide Tando is looking through the book and, at the end of the film, Bates gives the book to Tando as a gift.

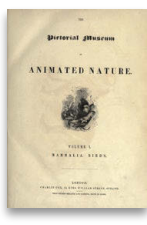


HISTORY OF THE BOOK

1844

The book is edited and published by William Martin (1798-1864), a former curator of the Zoological Society's museum and written by Charles Knight (1791-1873). The book was ahead of its time. Being the former publisher for the Society for the Diffusion of Useful Knowledge, Knight was committed to working-class self-improvement and specialized in the production of inexpensive, illustrated, instructive reading material. Readers of *The Pictorial Museum* were presented with a state-of-the-art product, which attempted to copy museums as sites for instruction and entertainment in natural history.

The book also relied on quotations from travelling naturalists, such as Charles Darwin who provided accounts of his findings in *The Voyages of the Beagle*, published in 1839. It also referenced influential French scientists such as George Louis Leclerc, Comte de Buffon and Georges Cuvier. The content was available in weekly issues at three pence apiece or the complete works as two, thick quarto volumes of 625 pages, which is what Bates brought with him to the Amazon.





EDUCATIONAL POSTERS

Download these colorful and informative posters for your child's bedroom or print them in black and white for a fun coloring project!

MIMICRY

FOOLS PREDATORS AND PREY

In 1842, when he was 23 years old, Henry Walter Bates left England to explore the Amazon rainforest of Brazil. Over the next 13 years there, one of his many discoveries that he observed was two different butterfly species that had similar coloration. One of the species looked really scary, but the other one didn't. He discovered that the coloration of the good-looking butterfly protected it from being eaten. Predators learned it because it looked like the terrible-looking butterfly. This is a kind of mimicry in which a harmless species evolves the same warning signals possessed by a harmful species to protect. Predators are "fooled" by the look-alike. This is called "Batesian Mimicry." All mimicry involves a resemblance between two different kinds of animals or even humans and insects. This learned to help the mimic to survive.

A very dramatic example of Batesian Mimicry is the scarlet caterpillar, but only if the large caterpillar look like a venomous spider, it also mimics the "look" of a snake.

MIMICRY FOOLS PREDATORS

These two butterflies look alike and both have similar odor-frying patterns, but they are entirely different species. The rhombus butterfly (above) is toxic and bitter-tasting, so predators learn to avoid eating it. The distictophis butterfly (below) is also toxic or bitter, so the terrible-looking rhombus butterfly, but it is not toxic. This is very effective mimicry, as predators also avoid eating the mimic butterflies.

MIMICRY HELPS PREDATORS GET FOOD

The weasly is a small cat that lives in the Amazon rainforest. It uses a very special "vocal mimicry" when it hunts. The weasly mimics the call of a young giant tamarin monkey to attract its prey. Tamarin monkeys are attracted by the call and sometimes only become a meal for the cat.

AMAZON ADVENTURE

To learn more about the film and the related Next Generation Science Standards (NGSS) go to www.amazonadventurefilm.com

SK Films Canada MOORE hbm | Tangled Bank Studios

[Download Now](#)

CAMOUFLAGE

FOOLS PREDATORS AND PREY

At age 23, Henry Walter Bates left England in 1842 to explore the Amazon rainforest of Brazil. During his 13 years there, he observed how animals were camouflaged to blend in with their surroundings and he was often fooled by their disguises, until they started moving. Bates also discovered 8,000 species new to science. Today, there are still discoveries being made by scientists of camouflaged animals like the spider in China that looks like a dead leaf, which fools both its predators and its prey.

When animals blend in with their environment, it is called camouflage.

The Amazon rainforest is the largest in the world with a great variety of plants and animals.

NEWLY DISCOVERED SPECIES OF SPIDER

KATYDID INSECT

LEAF MOTH

VINE LIZARD

BROWN-THROATED SLOTH

LEAF FISH

Camouflaged animals increase their chance of survival by being hidden from their predators.

Predators that are camouflaged can better surprise and catch their prey.

AMAZON ADVENTURE

To learn more about the film and the related Next Generation Science Standards (NGSS) go to www.amazonadventurefilm.com

SK Films Canada MOORE hbm | Tangled Bank Studios

[Download Now](#)

AMAZON ADVENTURE



FUN & EDUCATIONAL VIDEOS



[Challenges of Filming in the Amazon Rainforest](#)

Extreme heat mixed with heavy and frequent rainstorms made filming in the jungle a challenge, but thanks to great teamwork shoot was a success!



[Who is Henry Bates?](#)

Meet Henry Bates, a naturalist risking his life over 160 years ago to explore the Amazon rainforest and became lifelong friends with Charles Darwin.



Behind The Scenes of 1850s Set Design

After three years of tireless research, in consultation with over 100 scientists and historical experts, to bring a 1850s London and Amazon rainforest to life.



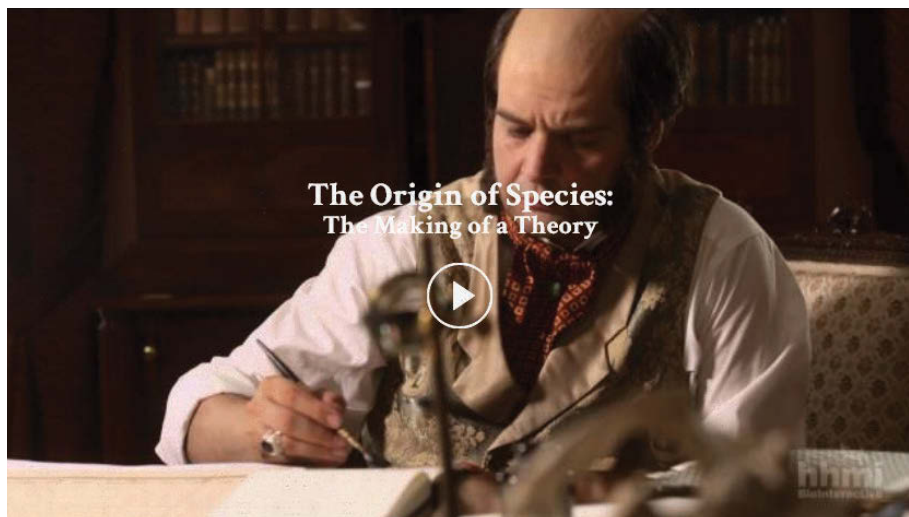
How 3D Filmmaking Works

Carrying an enormous 3D, IMAX/Giant Screen camera into the heart of the Amazon rainforest is no easy feat! Watch to see how the 3D team pulled it off.



Filming in the Amazon - 360° Video

Explore the Amazon rainforest in 360° with the cast and crew as they take you through the lush and biodiverse filming locations for *Amazon Adventure*.



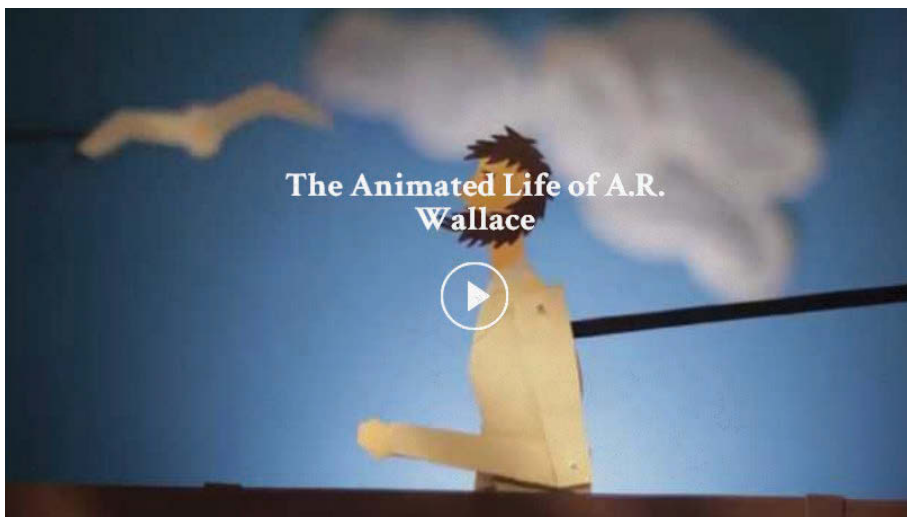
The Origin of Species - The Making of a Theory (from HHMI)

Charles Darwin and Alfred Russel Wallace independently made epic voyages in the name of science and discovered the nature of the origin of species.



Moth Mimicry: Using Ultrasound to Avoid Bats (from HHMI)

Follow scientists as they uncover how some moth species in Gorongosa National Park have adapted to avoid bats, including “jamming” bat sonars.



The Animated Life of Alfred Russel Wallace (from HHMI)

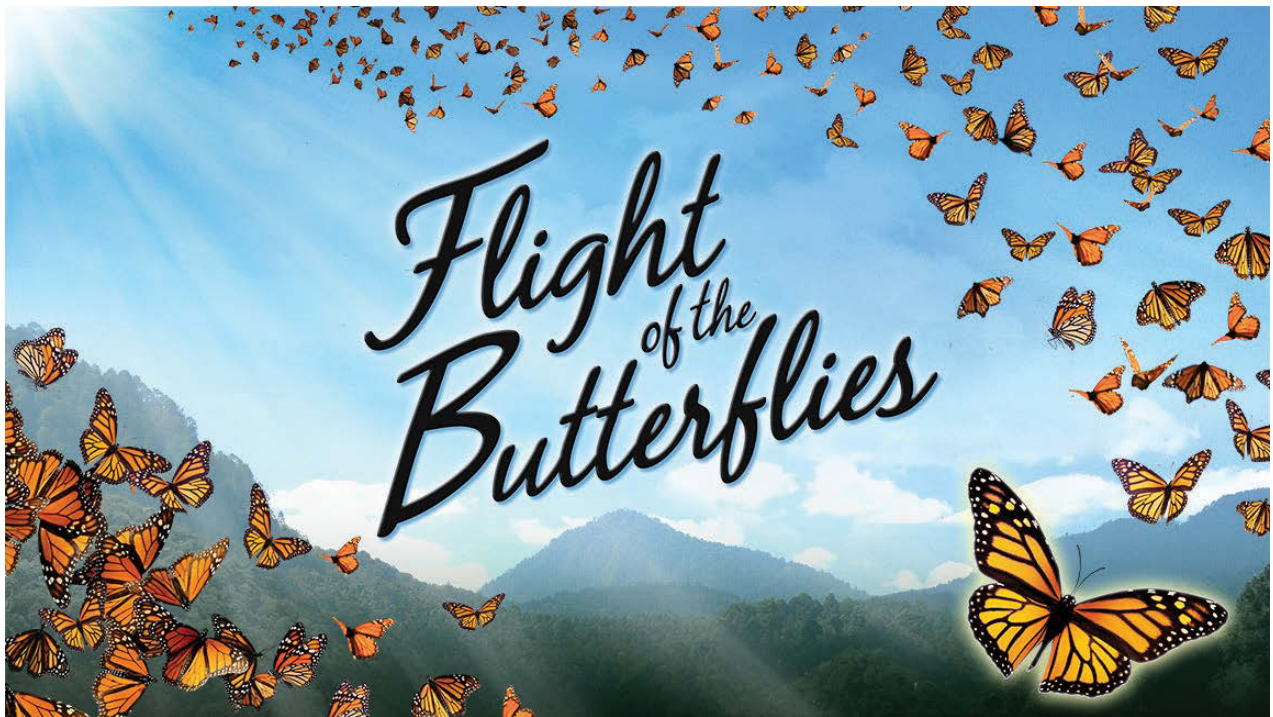
Aimed at high schoolers, this animated science adventure takes viewers on a journey with A. R. Wallace through his exploration of the Malay Archipelago.

Flight of the Butterflies

ABOUT THE FILM

The monarch butterfly is a true marvel of nature. Weighing less than a penny, it makes one of the longest migrations on Earth across a continent to a place it has never known. Follow the monarchs' perilous journey and join hundreds of millions of real butterflies in the remote mountain peaks of Mexico, with breathtaking cinematography from an award winning team including Oscar® winner Peter Parks.

Be captivated by the true and compelling story of an intrepid scientist's 40-year search to find the monarchs' secret hideaway. Unravel the mysteries and experience the *Flight of the Butterflies*.

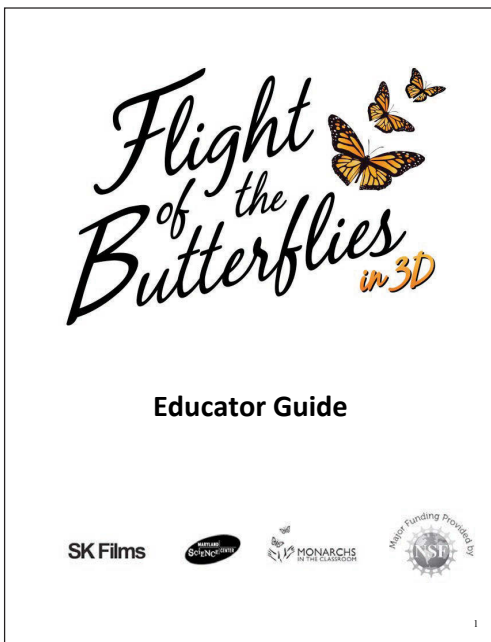


[Watch the Trailer](#)

Flight of the Butterflies

Check out all the educational materials on our website:
flightofthebutterflies.com/in-the-classroom

ACTIVITY GUIDES



Suitable for grades K-12. Download the full guide or any of the individual activity guides. All contain a number of interactive and enlightening activities.

Learn about metamorphosis, what butterfly wing colors mean and the difference between butterflies and moths

[Download the English Guide](#)

[Descargar la guía en español](#)

ACTIVITIES FOR ALL AGE GROUPS

[Download in English](#)

[Descargar en español](#)

ACTIVITIES: GRADE K-2 (GRADO K-2)

[Download in English](#)

[Descargar en español](#)

ACTIVITIES: 3-6 (GRADO 3-6)

[Download in English](#)

[Descargar en español](#)

ACTIVITIES: 7-12 (GRADO 7-12)

[Download in English](#)

[Descargar en español](#)

Flight of the Butterflies

HANDS-ON ACTIVITIES



PLANT A BUTTERFLY GARDEN

For people interested in helping Monarchs, a butterfly garden is an easy way to participate in conservation and admire these beautiful creatures. The gardens can be any size - a window box, small yard or part of an untended area in your lawn.

With the right kinds of plants and flowers where Monarchs love to lay eggs and feed, you can enjoy watching them throughout the growing season.

[Start Your Garden Now](#)

Flight of the Butterflies



HANDS-ON ACTIVITIES



Photo by Journey North

BECOME A CITIZEN SCIENTIST

Take part in one of the many citizen projects that provides scientists with data to help them find out if monarch butterfly populations are healthy. The data from these tagging activities help determine the migrating path of the monarchs, as well as other factors that influence their progress.

While that sounds like a lot of butterflies to track, you can help! By reporting the monarchs you see in your backyard and around your home you can add pieces to the picture of monarch migration like pieces in a puzzle.

[Start Tracking Monarchs Today](#)

VOLCANOES



ABOUT THE FILM

Volcanoes: The Fires of Creation is a tale of science, culture, and thrilling adventure.

Earth is a planet born of fire. For billions of years, volcanoes have helped forge the world we know. From the continents to the air we breathe and even life itself, all have been shaped by volcanic energy. These processes have created extraordinary ecosystems and wildlife habitats. With over 500 active volcanoes, the Earth is bursting at the seams with these forces of mass construction. The story of volcanoes is the story of the planet's creation and the story of us.

With intrepid explorer Carsten Peter, dodge boulders at the edge of an active volcano in Indonesia, descend to a lava lake in Vanuatu and visit incredible acid ponds, geysers and mineral deposit fields in Ethiopia. Travel across the globe to see the archeological ghost town of Pompeii, hydrothermal vents at the bottom of the ocean and witness the devastating effects of the 2018 Kilauea eruption in Hawaii.



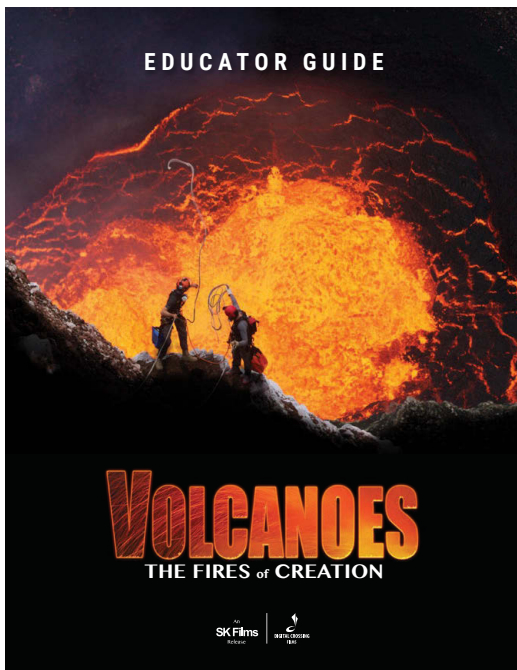
[Watch the Trailer](#)

VOLCANOES



Check out all the educational materials on our website:
volcanoesfilm.com/education

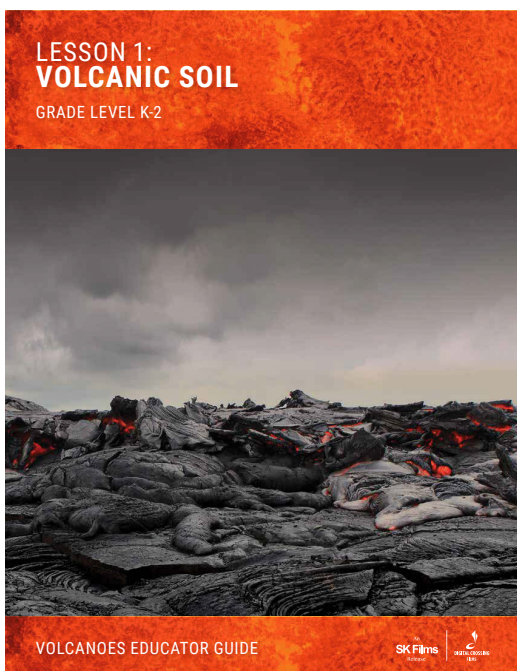
ACTIVITY GUIDES



Suitable for primary grades K-8. Download the full guide or any of the six individual lesson plans linked below. All contain a number of fun and enlightening activities.

Learn about the scientific method, how geologists predict eruptions and what we can expect when they happen.

[Download the Full English Guide with all Lessons](#)



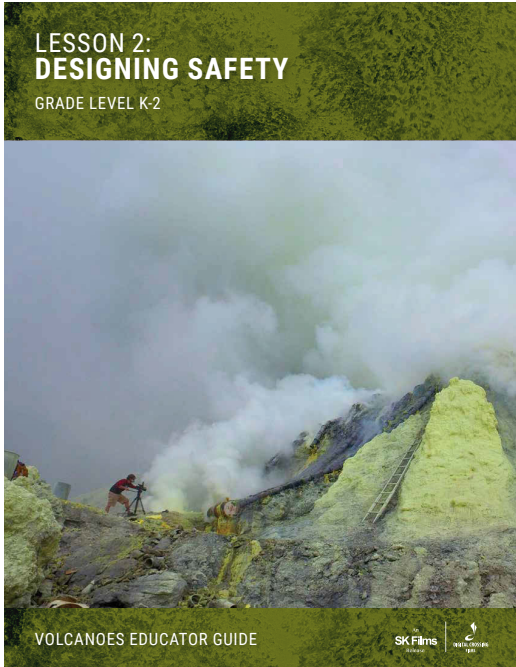
LESSON 1: VOLCANIC SOIL

Grade K-2 (Grado K-2)

[Download in English](#)

[Descargar en español](#)

VOLCANOES

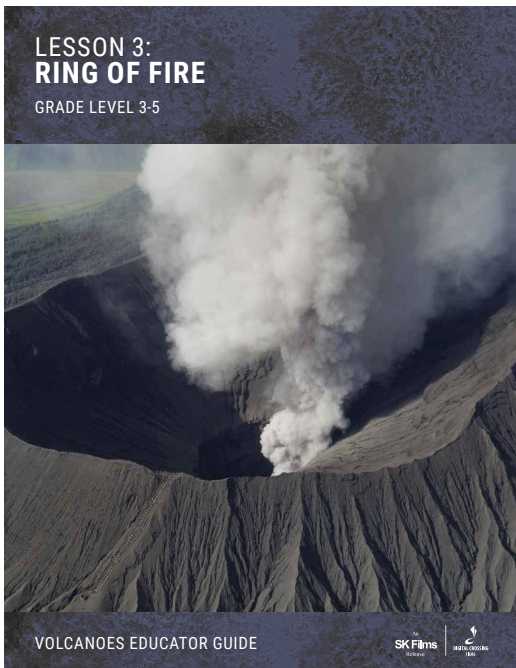


LESSON 2: DESIGNING SAFETY

Grade K-2 (Grado K-2)

[Download in English](#)

[Descargar en español](#)



LESSON 3: RING OF FIRE

Grade 3-5

[Download in English](#)

VOLCANOES



LESSON 4: LIVING NEAR A VOLCANO

GRADE LEVEL 3-5



VOLCANOES EDUCATOR GUIDE



LESSON 4: LIVING NEAR A VOLCANO

Grade 3-5

[Download in English](#)

LESSON 5: TECTONIC BOUNDARIES

GRADE LEVEL 6-8



VOLCANOES EDUCATOR GUIDE



LESSON 5: DESIGNING SAFETY

Grade 6-8

[Download in English](#)

the Water Brothers



ABOUT THE SHOW

The Water Brothers is an eco-adventure documentary series following brothers, Alex and Tyler Mifflin, as they explore the world, uncovering the most important water stories of our time. What are the problems, and where are the solutions to help us better protect our most precious resource? Alex & Tyler take you on the search.

Alex and Tyler are passionate about the subject of water conservation and use their respective educations in film and environmental studies to create this award-winning series. Alex is the lead researcher, co-writer and co-host and Tyler is the co-host, director, videographer and co-producer. They share a love of travel and adventure, a passion for the subject and a powerful desire to communicate their passion to audiences, especially for their own generation.

Join *The Water Brothers* on their adventures from the largest gatherings of humans on earth, to diving into dead zones, sailing into the middle of the Great Pacific Garbage Patch or climbing Mount Kilimanjaro. *The Water Brothers* circle the globe to bring back stories that affect, inspire and educate viewers.



[Watch the Trailer](#)

the Water Brothers



Watch all episodes and explore the educational activities on our website:
thewaterbrothers.ca

WATCH SEASON ONE



The world's coral reefs are home to a quarter of all marine life – and they're being wiped out. ([Watch Now](#) / [Activity Guide](#))



Asian carp have invaded the Mississippi River, and destroyed its lucrative fishing industry. ([Watch Now](#) / [Activity Guide](#))



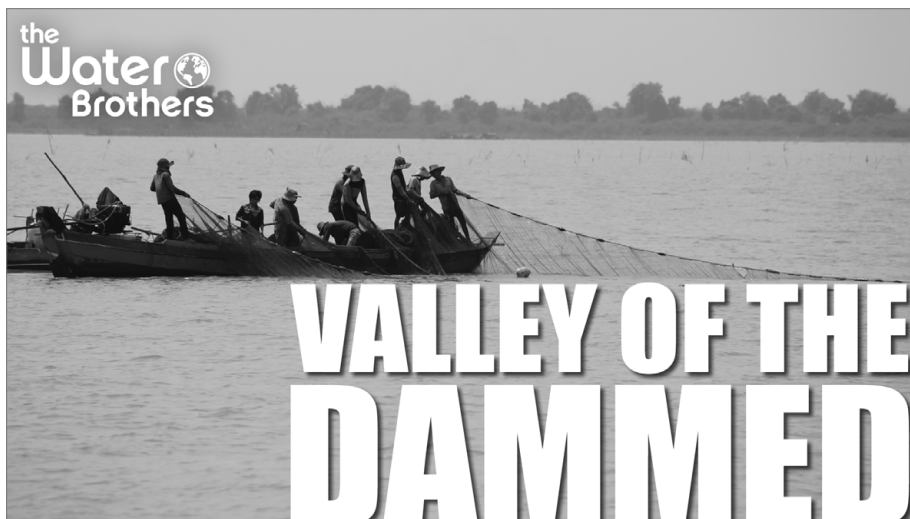
The North Pole is melting faster than ever. Change in the Arctic is happening at warp speed. ([Watch Now](#) / [Activity Guide](#))



Tap water is cheap and easily accessible, so why is there such a huge demand for bottled water? ([Watch Now](#) / [Activity Guide](#))



How did one of the driest places in North America, California, become the continent's largest agricultural supplier? ([Watch Now](#) / [Activity Guide](#))



The Mekong River has shaped the culture and people of Southeast Asia for thousands of years. Now, it's changing. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



WATCH SEASON TWO



Many Hindus believe the holy river Ganges cannot be polluted, yet it is one of the most contaminated in the world. ([Watch Now](#) / [Activity Guide](#))



Sail to the "Great Pacific Garbage Patch", a massive collection of plastic waste caught in Pacific Ocean currents. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



Habitats once teeming with life are reduced to biological deserts, why?
([Watch Now](#) / [Activity Guide](#))



Travel to Africa and witness how simple water projects can have huge impacts on economic advancement. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



Approximately one in five First Nations communities in Canada lacks access to clean drinking water. ([Watch Now](#) / [Activity Guide](#))



Experience first hand the impact of rising sea levels and the amazing adaptations of the people of Bangladesh. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



Globally, over 70% of the salmon we eat is raised on fish farms in the open ocean. Does it matter? ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



WATCH SEASON THREE

(Note: Season 3 and 4 are only available in Canada)

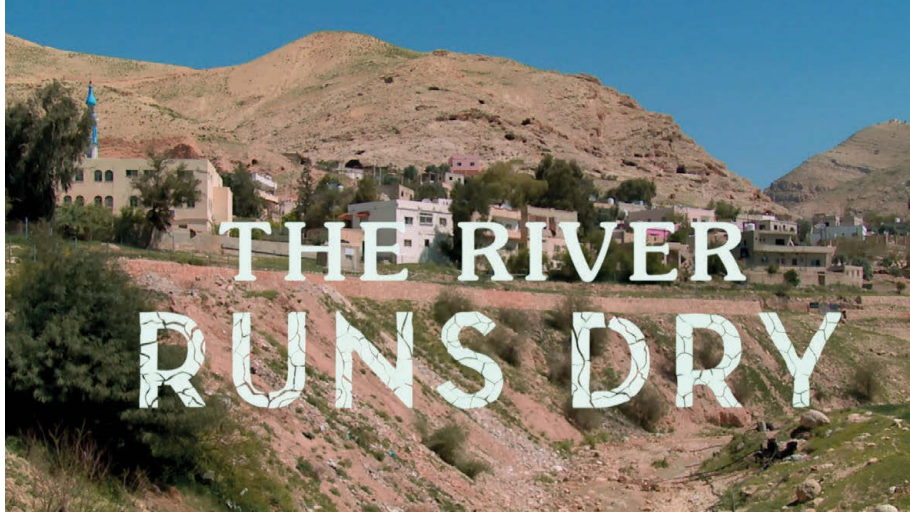


Dive into a research expedition to Cocos Island, home to one of the richest marine habitats on Earth. ([Watch Now](#) / [Activity Guide](#))

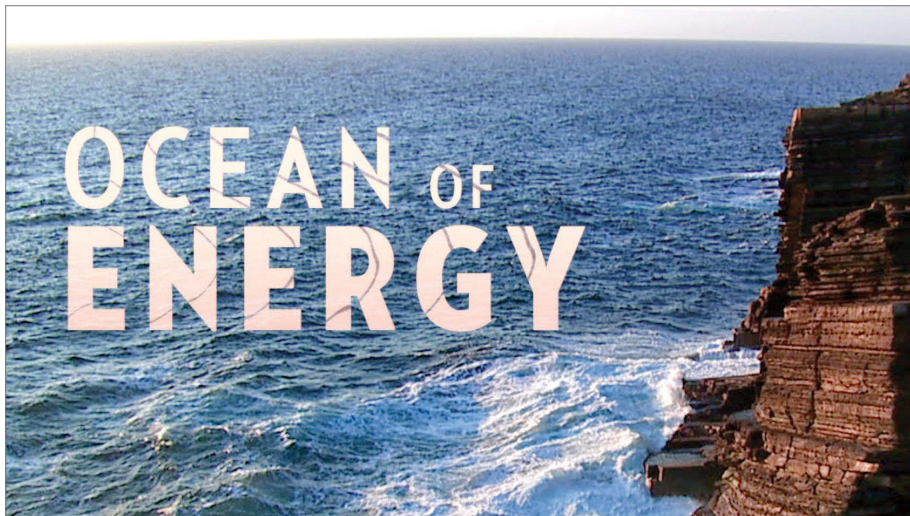


Join a team of dedicated marine biologists as they tag and track sea turtle migration routes. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



The Jordan River that nourished the growth of ancient civilizations has been reduced to a glorified sewage canal. ([Watch Now](#) / [Activity Guide](#))



The tidal and wave power of the oceans are some of the largest, untapped sources of clean energy on the planet. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



Fish stocks are depleted, and yet growing populations are more dependent on these vital food sources than ever. ([Watch Now](#) / [Activity Guide](#))



As fossil fuels burn, carbon dioxide seeps into the oceans and has an alarming impact: ocean acidification. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



NASA explores the vastness of space, but much of their research is related to water – both on and off the planet. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



WATCH SEASON FOUR

(Note: Season 3 and 4 are only available in Canada)



Deforestation is thought to be one of the leading causes of water shortages in Brazil that struggles with droughts. ([Watch Now](#) / [Activity Guide](#))



One of the worst crimes in nature plays out daily on the high seas as vessels fish illegally on an industrial scale. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



Few of us are aware of the problems facing our outdated water infrastructure which cost billions of dollars to fix. ([Watch Now](#) / [Activity Guide](#))



70% of all freshwater we use is for agriculture. As populations rise and people eat more food, how can we increase production without putting more pressure on water resources? ([Watch Now](#) / [Activity Guide](#))



Investigate sushi's impact on the ocean and meet chefs introducing customers to more sustainable options. ([Watch Now](#) / [Activity Guide](#))



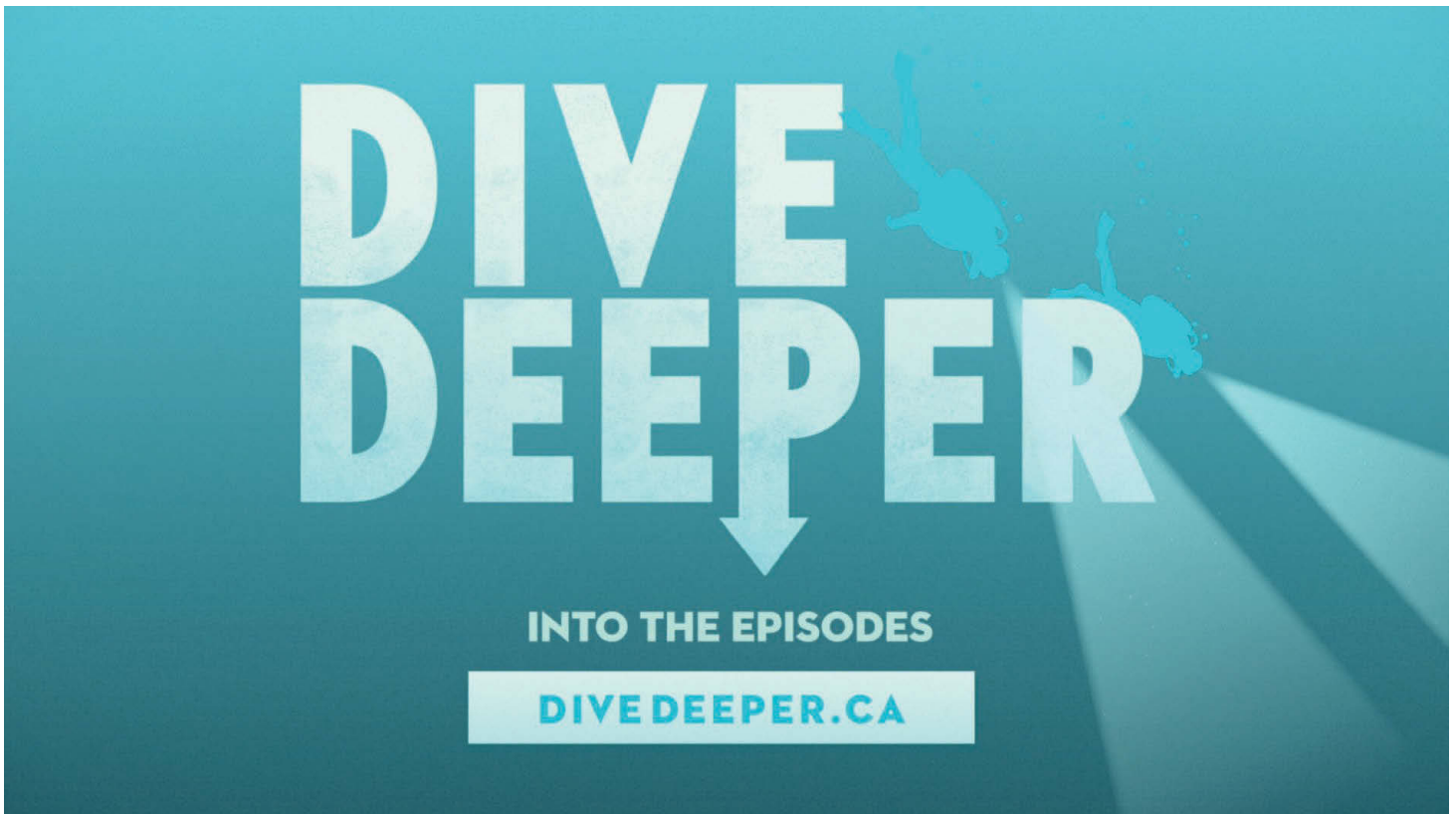
The largest freshwater supply in the world is increasingly at risk due to the effects of climate change. ([Watch Now](#) / [Activity Guide](#))

the Water Brothers



INTERACTIVE LEARNING PORTAL

Dive Deeper into the topics covered in Season 4 of *The Water Brothers* with their interactive learning portal. Click on the image below to begin a journey of discovery and learn more about the environmental challenges we face and how you can get involved in the solutions.



[Explore Now](#)