



# Investigate Phenomena

## What Will We Observe Today?



**Hot Colors**  
Heat-loving bacteria create colorful rings around a Yellowstone National Park hot spring.  
[www.carolina.com/video2](http://www.carolina.com/video2)

**Tricky Tail**  
The ringtail cat, a nocturnal hunter in Mexico, uses the rings on its tail to fool predators.  
[www.carolina.com/video3](http://www.carolina.com/video3)

**See-Through**  
The translucent skin on this tiny Central and South American glass frog's belly gives it its name.  
[www.carolina.com/video4](http://www.carolina.com/video4)

**Dirty Lightning**  
This lightning isn't from a thunderstorm. It's in the ash and smoke of a volcano in Chaitén, Chile.

**Daddy Day Care**  
Line up with these emperor penguins in Antarctica.  
[www.carolina.com/video5](http://www.carolina.com/video5)

**Mpemba Effect**  
Hot water freezes instantly in Canada's subzero temperatures.  
[www.carolina.com/video1](http://www.carolina.com/video1)

**Fire and Water**  
Gas deep below the surface keeps fire burning beneath Eternal Flame Falls in New York.

**Sky Ballet**  
Are these starlings dancing or fleeing a predator in the skies over the United Kingdom?  
[www.carolina.com/video7](http://www.carolina.com/video7)

**Midnight Sun**  
The sun doesn't set all summer long in Lofoten Islands, Norway.  
[www.carolina.com/video6](http://www.carolina.com/video6)

**Beachy Snowballs**  
Snowballs created by rolling surf—some 3 feet wide—cover a beach in Siberia.

**Sun Dogs**  
Sunlight passes through snow crystals in the air, creating the illusion of three suns in Russia.

**Keep It Fresh**  
Baikal seals are the only seals that live solely in a freshwater habitat—Russia's Lake Baikal.  
[www.carolina.com/video10](http://www.carolina.com/video10)

**Monsterface**  
The shoebill stork, found in east to central Africa, just might be the fiercest bird in the world.  
[www.carolina.com/video8](http://www.carolina.com/video8)

**Aglow**  
At Vaadhoo Island, Maldives, you can swim in a sea of stars.

**Spelunking**  
Head to Vietnam to find Son Doong, the largest cave in the world.  
[www.carolina.com/video11](http://www.carolina.com/video11)

**Mysterious Mammal**  
Not only does the duck-billed platypus—an Australian mammal—lay eggs, it hunts prey by detecting their electric fields.  
[www.carolina.com/video12](http://www.carolina.com/video12)

**Southern Lights**  
Nature paints the night sky in brilliant colors in New Zealand.

**Icy Desert**  
Antarctica—the world's largest desert—has no sand. It's covered in ice!  
[www.carolina.com/video9](http://www.carolina.com/video9)

**Moonbow**  
A lunar rainbow arcs over Victoria Falls in Zambia and Zimbabwe.

