

Winter 2021-2022 Issue

Positive Planet

**The Did You
know Issue**

**Contests, top
photos and more**

NEW INITIATIVE

WINTER 2021

Positive Planet



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Learn about the crazy and wacky facts about the animal kingdom.

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learn about the newest initiative and about the animal of the issue.

11 Photos, Documentaries and contests

This part will bring you some fun and games.

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and contests

Positive Planet

Winter 2021

Volume 3.0

Planet Protectors

@planetprotectors_ca



Editors Note

W

ow! I am super happy that the magazine has gotten this far. I honestly thought that I would just loose interest in this or that I would be too busy to write this but I seem to have been proven differently. When I first started this magazine we were all in lockdown and I had much more time on my hands to write this. For the second issue it was summer vacation and there was endless time to write it. Now on the third issue there is not as much time to write this. So as you might have noticed some these topics have been taken from the Planet Protectors Live Stream. Well I hope that you enjoy this issue and remember to stay eco.

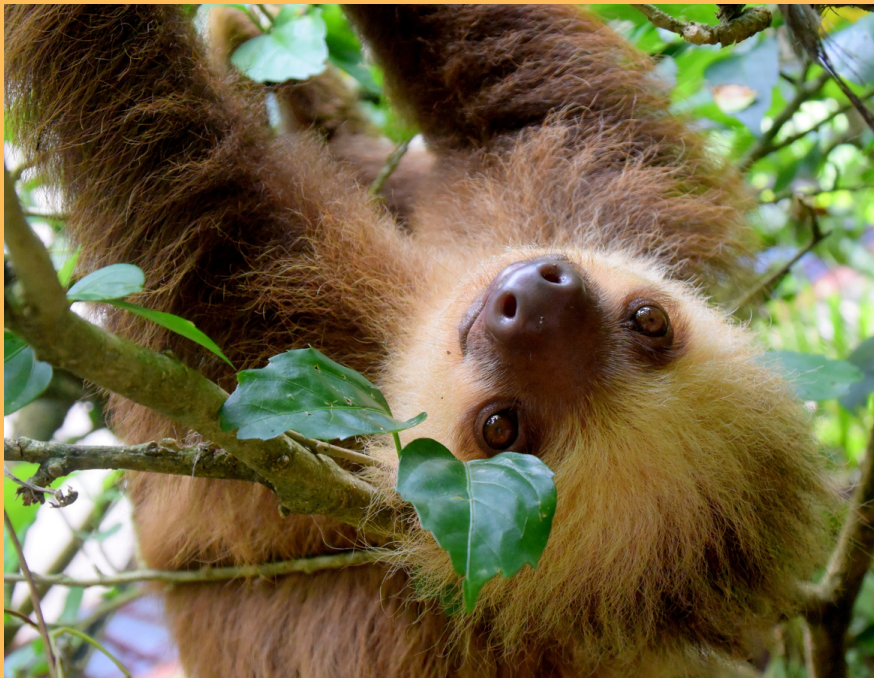
- BLAKE



FEATURED STORY

A close-up photograph of an ostrich's head and neck, showing its large eye, red beak, and shaggy feathers. The background is a soft-focus green field.

DID YOU KNOW SPECIAL

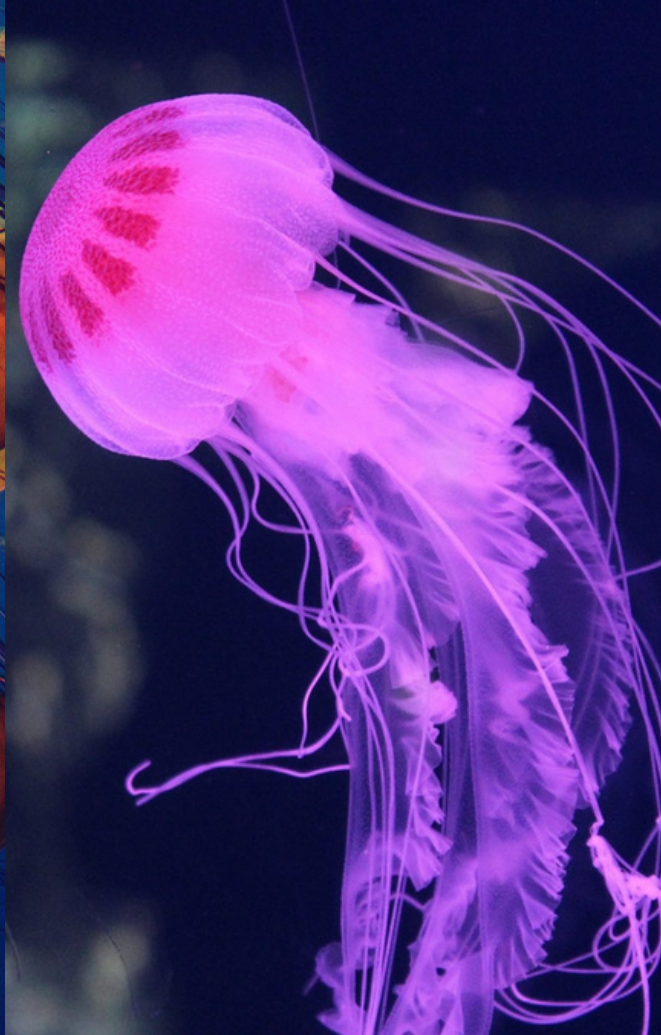


Sloths used to be giant creatures. They were called prehistoric ground sloths that lived across the americas. Some of the sloths were the size of a cat but others were ginormous. The huge ones were called Megatherium and they weighed as much as an elephant!!! Overtime they became extinct and now there are only 6 different species of sloths, including the three toed sloth and more. Now let's talk about why they are so slow. The answer is... their diet. They eat mainly leaves and those don't provide a whole lot of energy and sloths could be digesting things for up to a few weeks not like humans where it can all go through in a day. They also try not to use energy very often so if they need to go somewhere they just go slow. They spend a lot of their time sleeping, eating and resting. They only go down the tree once a week. That is definitely a chill lifestyle.

Photo Credit : iStock

DID YOU KNOW HOW ELECTRIC EELS CREATE ENERGY? THIS IS AN INTERESTING ONE. ANOTHER FACT IS THAT THESE EELS AREN'T THE ONLY ANIMAL ON THE PLANET THAT GENERATE ELECTRICITY. MANY DIFFERENT SPECIES OF FISH DO TOO. SO HOW DOES IT WORK EXACTLY? WELL THEIR BRAIN GIVES THEIR ELECTRIC ORGAN THROUGH THE NERVOUS SYSTEM TO WELL CREATE ELECTRICITY. THEN THAT SIGNAL ACTIVATES HUNDREDS OR THOUSANDS OF DIFFERENT CELLS CALLED ELECTROLYTES. THESE ELECTROLYTES HAVE A DISC SHAPE AND PUSH OUT POTASSIUM AND SODIUM ATOMS THAT HAVE A POSITIVE CHARGE (PUSHING THAT CHARGE OUTSIDE OF THEIR BODY) AND A NEGATIVE CHARGE (PUSHING THAT CHANGE INSIDE OF THEIR BODY).





Did you know how jellyfish sting? These stinging creatures are very interesting because they have the power to kill a person but are 95% water. So what is their secret??? Well since they are so delicate they rely on tiny venomous cells in the ocean for food and protection. These cells are called Cnidocytes (night-o-sites). All jellyfish have the ability to sting even the smallest ones. There is one species of jellyfish that has tentacles longer than a blue whale (the biggest whale out there that can be 30 meters). So let's say that your finger touches a tentacle... your finger opens a sac like thing that has the venom inside of it and sea water rushes in and then a microscopic harpoon that is barbed to be injected into your skin. Wow, that is crazy.

NEW INITIATIVE



PLANET PROTECTORS
PRESENTS

**UNITED
NATIONS
SDG'S
INITIATIVE**

How Does it Work?

1. PARTICIPANTS WILL CHOOSE 8 OF 16 DIFFERENT GOALS (GOALS ARE DIVIDED INTO 2 DIFFERENT SECTIONS HUMAN AND ENVIRONMENTAL) AFTER YOU CHOOSE THE GOALS YOU LOOK AT HOW YOU CAN HELP AND LOOK AT THE LINKS ATTACHED TO THE GOALS AND CHECK THEM OUT. ON THE LINKS THERE ARE DIFFERENT FACTS ABOUT THE ISSUE AND MULTIPLE SOLUTIONS TO THE ISSUES THAT YOU CAN PARTICIPATE IN.
2. AFTER PARTICIPANTS FIND OUT WHAT THEY CAN DO TO HELP THE PROBLEM THEY ARE ENCOURAGED TO TRY SOME OF THOSE SOLUTIONS. IF THEY ARE NOT ABLE TO PARTICIPATE IN THE SOLUTION THEY ARE ENCOURAGED TO TRY A DIFFERENT ISSUE.

AFTER PARTICIPANTS ARE DONE THEY CAN EMAIL PLANETPROTECTORSCHALLENGES@GMAIL.COM AND WILL BE ENTERED INTO A RAFFLE TO GET 3 FREE BEESWAX WRAPS. PARTICIPANTS CAN ALSO POST THEIR ACCOMPLISHMENTS ON SOCIAL MEDIA USING THE HASHTAG #PPUNSDGSINITIATIVE

HUMAN BASED GOALS

NO POVERTY

Donate items that you don't use anymore to the less fortunate

<https://www.un.org/sustainabledevelopment/poverty/>

GOOD HEALTH AND WELLBEING

Supporting you health by getting vaccinated and eating healthy.

<https://www.un.org/sustainabledevelopment/health/>

QUALITY EDUCATION

Help educate children in and around your community and ask governments to make education a priority.

<https://www.un.org/sustainabledevelopment/education/>

GENDER EQUALITY

Empower women and empower girls to ensure their equal rights

<https://www.un.org/sustainabledevelopment/gender-equality/>

DECENT WORK AND ECONOMIC GROWTH

Create job opportunities for youth and creating more safety measures

<https://www.un.org/sustainabledevelopment/economic-growth/>

PEACE, JUSTICE AND STRONG INSTITUTIONS

Stand up for human rights

<https://www.un.org/sustainabledevelopment/peace-justice/>

PARTNERSHIPS IN THE GOALS (NOT PART OF THE CHALLENGE)

<https://www.un.org/sustainabledevelopment/globalpartnerships/>

INDUSTRIES, INNOVATION AND INFRASTRUCTURE

Help fund projects that contribute to a basic infrastructure and think about how infrastructure impacts you life

<https://www.un.org/sustainabledevelopment/infrastructure-industrialization/>

REDUCED INEQUALITIES

Support the disadvantaged and marginalized by donating items that will make a difference

<https://www.un.org/sustainabledevelopment/inequality/>

ENVIRONMENTAL BASED GOALS

CLEAN WATER AND SANITATION

Save water by having shorter shower and not running the tap when brushing your teeth

<https://www.un.org/sustainabledevelopment/water-and-sanitation/>

AFFORDABLE AND CLEAN ENERGY

Turn off lights when you are not in a room and use energy efficient lights and appliances

<https://www.un.org/sustainabledevelopment/energy/>

ZERO HUNGER

Don't waste food and support local farmers

<https://www.un.org/sustainabledevelopment/hunger/>

LIFE BELOW WATER

Avoid using single use plastics by using reusable bags, straws etc.

<https://www.un.org/sustainabledevelopment/oceans/>

RESPONSIBLE CONSUMPTION AND PRODUCTION

Recycle and buy gently used clothing

<https://www.un.org/sustainabledevelopment/sustainable-consumption-production/>

LIFE ON LAND

Plant trees or make a garden

<https://www.un.org/sustainabledevelopment/biodiversity/>

CLIMATE ACTION

Save energy, water and reduce greenhouse gas emissions

<https://www.un.org/sustainabledevelopment/climate-change>

SUSTAINABLE CITIES AND COMMUNITIES

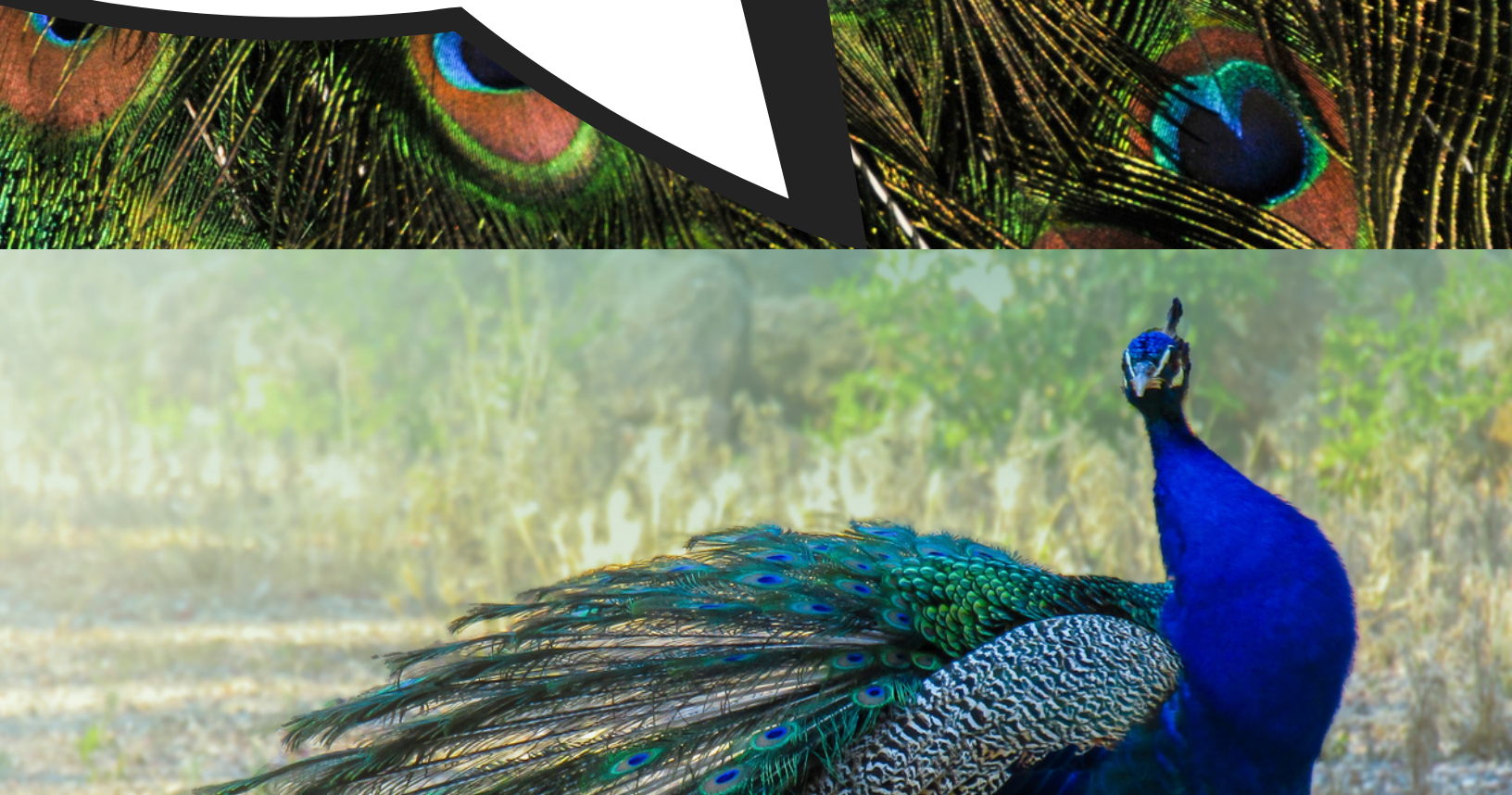
Walk, bike or use public transportation

Animal of the Issue

These birds weigh up to 13lbs and have a lifespan of up to 25 years. Now when someone says peacock did you know that they actually just talking about the males! The females go by a different name, they are called a peahen. Who knew! When you are talking about males (have colourful feathers) and females (brown) you would technically call them peafowl. For these huge beautiful feathers, it takes males 3 years.

PEACOCK

These feathers are to attract mates and the best looking feathers wins. Now I don't know if you have seen this on any of the birds but they have a bit of a crown of feathers. This is on the males and females. Now when they are choosing their mates; the males shake their feathers and the females feel a little something in this crown if you will, and that says ok that's the one. Wow, who knew peacocks were so interesting.



photos of the Season Winter



All photos taken by Blake Parkinson

Documentary Recommendations

WELCOME TO EARTH (SERIES) DISNEY+

THE LAST ANIMALS (MOVIE) NETFLIX

ANIMAL (SERIES) NETFLIX



Winter Contests

What animals are
these???



Email - planetprotectorschallenges@gmail.com (You might get shoutout in next issue) or wait until the answers are reviled in the next issue (Spring 2022).

FALL 2021 ISSUE ANSWERS - 1 : LOON- 2 : CORAL

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