

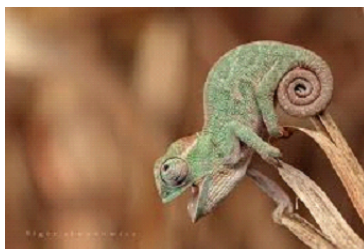
EcoPoint Opportunity...

[Print Word Document and/or Email]

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- 2 species per adaptation (structural/physiological/behavioral)
- state the adaptation & need pictures for each

10 ecopoints per adaptation

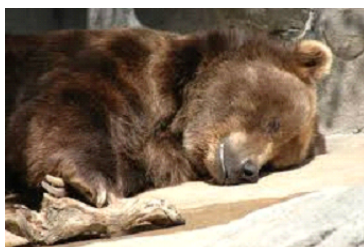


Structural adaptations

Chameleon- has the ability to change colour

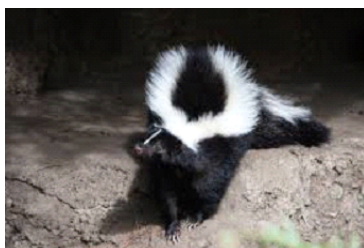


Turtle- has hard shell to protect against predators.



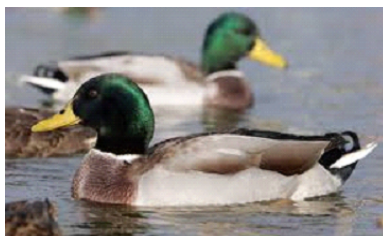
Physiological adaptations

Bear- can hibernate through winter



Skunk- can "spray" to get rid of predators

Behavioural Structures



Geese and ducks migrate during winter

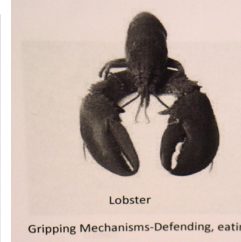
Examples of Adaptions...

Structural Adaptations:

Turtle - Protective Cover



Bald eagle – Gripping Mechanisms



Lobster
Gripping Mechanisms-Defending, eating



Rabbit
Coloration-Changes color to blend with the right environment.

Psychological Adaptations:

Skunks – give off chemicals to repel predators



Bears – hibernate during cold weather



Snake
Ability to Poison Prey-Has poisonous venom to use on prey.



Bear
Hibernation-Hibernates through the cold winters.

Behavioural Adaptations:

Monarch Butterfly – migration



Salmon lice – species interactions (ie/parasitism)



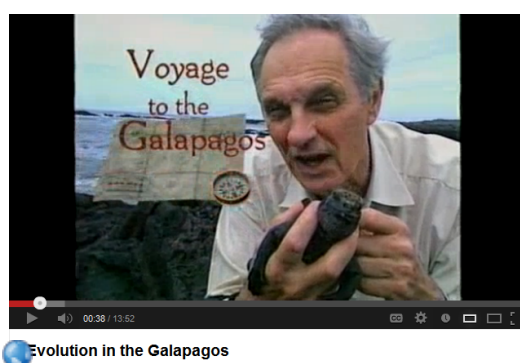
Zebra
Migration-Migrates to greener land.



Geese
Migration-Migrates to warmer weather in the cold.

Processes that lead to Evolution...

1) Changes to the environment



2) Changes to the genetics

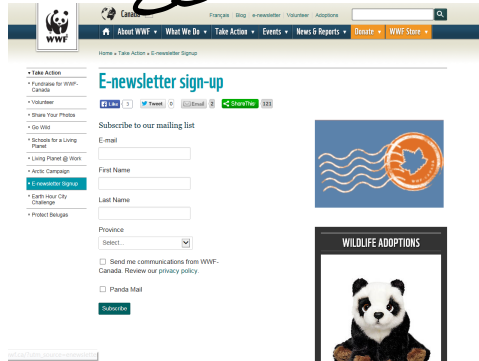


5 ECO-POINTS...Join a Environmental Newsletters [Up to 10 EcoPoints Total]

20

Examples:

<http://www.wwf.ca/>



<http://asf.ca/main.html>



Atlantic Salmon Federation News

Tuesday, Sept. 18, 2014

ASF Rivernotes - Will Scotland's Referendum Affect Salmon?

his week's update hits several points, including a new **PHOTO CONTEST**, as well as raising the question of impacts on salmon from the **Scottish Referendum** vote. Plus the latest on river reports across the Atlantic salmon range in North America
<http://atlanticsalmonfederation.org/rivernotes/>

ASF RESEARCH BLOG UPDATE -

ASF researchers continue the process of bringing to the surface acoustic tracking devices with their valuable data, and the assessment of streams with electrofishing gear proves very successful.
<http://asf.ca/research-in-the-field.html>

Where have all the Miramichi Salmon Gone?

ASF and the MSA raise the alarm that Miramichi salmon returns this year show the runs are in danger.

ASF's **Bill Taylor** discusses the issue on **CBC's AS IT HAPPENS**
<http://asf.ca/bill-taylor-talks-salmon-on-as-it-happens-.html>

Another perspective is given with coverage in **video** and text.
<http://asf.ca/miramichi-salmon-numbers-hit-record-low.html>

The need for bold action is emphasized:
<http://asf.ca/bold-action-needed-to-save-atlantic-salmon.html>