Species Invasion Management in Florida

***Listen to the first part of the video in class (00:00 – 1:21) and answer the questions below:***

**1. Florida’s southern coast is qualified as :**

a) one of the …………………………………………………………………………………

………………………………………………………………………………………………......

b) home to the ………………………………………………………………………………

………………………………………………………………………………………………......

**2) Complete the sentences below with the missing numerical information.**

There are ………………………………….of fish species living here.

Eric Nelson has found lion fish at depths up to ………………………………. feet.

Lionfish are capable of eating …………………………………. % of their body

weight in fish every day.

Eric has pictures that show ……………………………….. small fish in a lionfish gut.

**3) The Derby.**

The task set for the lionfish derby is to catch ………………………………………..

…………………………………………………………… before ………………………….

**4) The fisherman.**

|  |  |
| --- | --- |
| How long has Paul Verian been diving here? |  |
| When did he see his first lionfish? |  |
| How did he feel when he saw his first lionfish? (circle your answer) |  frightened surprised   amused sad |
| What does he say about lionfish distribution nowadays? |  |

**Partner D. Watch from 5:25 to 6:55 & answer the questions below:**

**Who is doing what?** Add the missing words below.

Divers are spending their ……………………… and ……………………… to go out and ……………………… lionfish. Governments are putting ……………………… and ……………………… into researching better ……………………… and……………………… .

Florida’s Fish and Wildlife Conservation Commission has been running a ……………………… ……………………… ……………………… about the lionfish ……………………… and contributing ……………………… ……………………… to derbies to catch them.

**Scientific participation.**

What is REEF’s role in the event?.................................................................................

Why do they encourage the derbies?......................................................................

…………………………………………………………………………………………………..

What do scientists do with the lionfish that are collected during the derbies?

1) ………………………………………………………………………………………………..

2) ………………………………………………………………………………………………..

**An innovative way of managing species invasion.**

a) What happens to the lionfish caught during the derbies that are not used for scientific investigations?

…………………………………………………………………………………………………

b) What is the reason for this? …………………………………………………………..

c) Give an example of a lionfish dish: ……………………………………………….

**Writing Exercise.** **To be done collaboratively – each group writes one paragraph.**

Write the report:**‘An Example of Species Invasion Management in Florida’**.

**Write about 1 side of A4 (about 250 words – DO NOT SPEND TIME COUNTING THE WORDS !!!).**

Include the following points:

- The current situation in Florida and how it happened

- Details of the invasive species and why it proliferates so successfully

- What could happen if no action was taken

- Community action – what is being done (fishermen, divers, government, REEF, FFWCC etc)

- The scientific point of view of this collaboration and the possibility of its success.