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 B. Watch from 2:45 to 4:18 & complete the table & answer the questions below:**

|  |  |
| --- | --- |
| Current lionfish invasion sites: |  |
| Future possible lionfish invasion sites: | From:To: |
| Detail – reproduction: | They are …………….. - ………………..N° of eggs / year: …………………….. |
| Detail - Predators: |  |
| Detail – appetite: |  |
| Maximum depth at which lionfish have been observed: |  |

**What will happen if nothing is done about this situation?**

According to Lad Akins, what is at risk? ……………………………………………..

What 3 different examples of this does he mention?

1) ………………………………………………………………………………………………

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

because ..…………………………………………………………………………………….

3)……………………………………………………………………………………………….

**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.