

Nature Guide Training Report
(June - October 2014)

In June we trained Antonia Peters, 21, from Carriacou, as turtle monitoring field research assistant and Antonio Peters, 19, (her brother) in turtle monitoring.

In October Antonia & Antonio were also trained as Nature Guides (Level 1) and scored well in the test (see attached training test pages). The siblings have actively participated in KIDO conservation activities since their early age encouraged by their family and later Antonia volunteered as facilitator during KIDO-Rufford 'Kids with Cameras' program in 2013. We utilized educational material and program created during the first KIDO-Rufford project 2011-2012 to train both as Nature Guides.

Antonia Peters was also selected as KIDO representative to participate in October 2014 in the BirdSleuth Caribbean in the Bahamas, a 3-day workshop designed to train trainers to teach youths how to study, appreciate and conserve Caribbean avian fauna. This program is part of a larger BirdSleuth program developed by the Cornell Lab of Ornithology (Cornell University, USA). The training experience enriched the knowledge of Antonia in tropical bird identification and opened the opportunity to guide Bird Watchers in the Carriacou Bird Sanctuary of Petit Carenage, part of the 600-acre proposed National Park of High North and part of the same coastal habitat where KIDO nesting turtle monitoring is carried out at night.

Antonia is now also employed by "Isle of Reef Tour" (along with two other Nature Guides, Solomon Stafford and Nigel Stewart, trained by KIDO in the 2011-2012 Rufford project) as Bird Watching and Hiking Tour Guide. <http://www.isleofreefstours.com/team.html> (see attached photo # 40)



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www.kido-projects.com

Antonio Peters



TEST for trainees October 31, 2014

(A)

1-How many species of sea turtles are known to be present in the Grenadines?

A - 3

(B) - 4

C - 6

$$73/77 = 95\%$$

2- Name them

Leatherback, hawksbill, Green & logger head

3- Which of these turtles also nest in Carriacou?

Leatherback, Loggerhead, Hawksbill

4- They nest in Carriacou because:

- + They were born here
- The sea currents transported them here
- They feed here

5- Are sea turtles listed as endangered species?

Yes they are because they are hunted

6- Turtles have been around for:

- 4100 million years
- 10 million years
- 1 million year

7- Which food is common to all sea turtles?

- Fish
- Lobsters
- / Jellyfish

8- Which turtle species feeds also on sponges, maintaining the coral reefs healthy?

Hawksbill

9 - Which turtle species feed also on sea grass, maintaining the sea grass beds healthy?

Green

10- Which other creature nests on sandy beaches?

- Morocoy
- Snake
- / Iguana

11- Name at least 2 ecosystems that provide protection against coastal erosion

Mangroves & Coral reefs

12- Why it is important to maintain the natural coastal vegetation and the sandy beaches in their pristine state?

This is important to maintain and prevent coastal erosion & are nesting-homes/ground to many different species

13- How many species of plants have been identified in the High North forest?

- 1000
- / 130
- 50

14- The heights of High North and Chapeau Carre peaks are almost the same, which number is the closest height?

- A - 650 feet
- B - 300 feet
- C - close to 1000 feet

15 -Which land area of Carriacou offers the richest biodiversity of fauna & flora in the entire Grenadines ?

High North

16 - Name the two wildlife mammals (nurse their young) found in the forest of Carriacou.

Opoum (manique) & Bats

17 - Name at least two endangered animal species found in the forest of Carriacou

Iguana & Opoum (manique) X

18 - Name at least one wild creature known to keep the forest clean of carcasses

Opoum (manique), manique (land turtle), ~~manique~~

19 - Name at least six birds likely to be spotted in the forest of Carriacou

Blue Heron, Fly catcher, Barnquite, Ground dove
~~Parrot~~ Parakeet, Grackle, owl, wattle, ~~Parakeet~~ Caribbean
Great heron, warbrill, bi colored ~~heron~~

20 - The Blackbird is also called by a different name:

- A - Condor
- B - Yellow-eye bird
- C - Grackle

21 - Name the two wild creatures in Carriacou feeding mainly on rats & mice

~~Bo~~ Owl's & The Bush (snake)

22 - The Metallic Wood Boring Beetle is the longest living insect in the world. It is found in Carriacou as well. What is the known life span of this beetle?

A - 20 years

B - 100 years

C - 500 years

x

23- Is the iguana a vegetarian species or is it a carnivore?

It is vegetarian species

24- Which animal species feeds primarily on mosquitoes?

Bats

25- Do we have poisonous snakes in Carriacou?

No

26- Which of the three is the longest insect found in Carriacou?

- Cockroach

/ God-horse

- Wood ant

27 - Name at least six species of trees found in Carriacou

Silk cotton, mangenil, mangroves, calabagay, bayplum, nani

Glorycida, Campesh tree, palm

28 - The 'Tourist Tree' has also a beautiful African name. Which of these?

- A - Mambo Jumbo
- B - Bunga Bunga
- C - Gumbo Limbo

29 - The Silk Cotton tree is one of the very few remaining specimen of the:

- A - Original primary forest of Carriacou
- B - Secondary forest (grown after the primary was mostly deforested by colonials)
- C - Tertiary forest

30 - The Agave is also called the Century Plant because:

- A - It flowers for 100 years
- B - It flowers every 100 years
- C - It flowers at the end of its life, once only, then dies

31- Name the three main mangrove sites in Carriacou

Peti Carriacou

Luxistan

The Oyster beds in Harvey Vale

32- Name the 3 types of mangroves found in Carriacou

White, Red, Black

33- In a mangrove ecosystem, which species is most likely to grow on the seaward edge (front) of the system?

White Red Mangroves

34 - Mangrove areas provide:

- A - Nursery for 10% of coastal fish
- B - Nursery for 50% of coastal fish
- C - Nursery for 90% of coastal fish

35- Name at least three species of animals who find food and shelter in the mangroves

Birds, Crabs, insects, mammals FISH

36 - Why mangroves are so important and need to be protected?

^{is important because it}
The mangroves, serves as a barrier, shelter and nurseries for animals of all different species.

37- Are mangroves an endangered species?

Yes it is endangered

38- In Petit Carenage (1997) a large area depleted of mangroves was successfully replanted. Which of the three types of mangroves was replanted there?

Red mangrove

39- MPA SIOB stands for:

- A - Multiple Projected Assumptions
- B - Marine Protected Area Sandy Island & Oyster Beds
- C - Marine Private Area

40- Why the MPA is important?

It help protect endangered species of animals (fishes)

41 - Coral Reefs are the oldest ecosystem on Earth. How old?

- A - 2 million years
- B - 20 million years
- C - 200 million years

42 - Name at least three marine birds (fish eaters) seen around Carriacou

Pelicans, ~~seagulls~~ seagulls, osprey, windward

43- Which bird is the name and symbol of a major local company which is very important for the economy of Carriacou and Petit Martinique?

Osprey

44 - The success of MPAs, National Parks & Ecotourism depends on:

- A - The effective protection of the natural ecosystem and biodiversity
- B - The enforcement of the regulations by all users
- C - The professional training of local human resources & education of the general public
- D - All of the above working together

45- Five of these sites are the most important locations (hot spots) of ecological interest in Carriacou, which ones?

- A - Dumfries waste discharge site
- B - Lauriston Airport
- C - MPA SIOB
- D - Petit Carenage mangroves & bird sanctuary
- E - The Yacht Club
- F - High North Nature Park
- G - Chapeau Carre
- H - Fish Market
- I - Sea Turtle nesting beaches

46- Where does the largest percentage of Ecotourism revenues go?

- A - To the local operators and service providers in the communities
- B - To foreign based tourism agencies

47- Eco visitors are mainly interested in:

- A - Sun & Sand Vacation
- B - Nature, wildlife, historical sites and local culture (heritage)
- C - All inclusive resorts

Name Antonia Peters

Supervised by Dr. Marina Fastigi



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TEST for trainees October 31, 2014

(A)

1- How many species of sea turtles are known to be present in the Grenadines?

A - 3

B - 4

C - 6

$74/77 = 96\%$

2- Name them

Leatherback, Green turtle, Hawksbill and
Logger head

3- Which of these turtles also nest in Carriacou?

The Leatherbacks and Hawksbill

4- They nest in Carriacou because:

- They were born here
- The sea currents transported them here
- They feed here

5- Are sea turtles listed as endangered species?

Yes they are listed as endangered species

6- Turtles have been around for:

- 100 million years
- 10 million years
- 1 million year

7- Which food is common to all sea turtles?

- Fish
- Lobsters
- Jellyfish

8- Which turtle species feeds also on sponges, maintaining the coral reefs healthy?

Hawks bill

9 - Which turtle species feed also on sea grass, maintaining the sea grass beds healthy?

Green turtle

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- Snake
- Iguana

11- Name at least 2 ecosystems that provide protection against coastal erosion

Mangroves and Coral reefs

12- Why it is important to maintain the natural coastal vegetation and the sandy beaches in their pristine state?

It is important because it helps protect against coastal erosion and it serves as homes to many endangered species.

13- How many species of plants have been identified in the High North forest?

- 1000
- 130
- 50

14- The heights of High North and Chapeau Carre peaks are almost the same, which number is the closest height?

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High North

16 - Name the two wildlife mammals (nurse their young) found in the forest of Carriacou.

Bats and Opossums

17 - Name at least two endangered animal species found in the forest of Carriacou

Iguanas and Opossums

18 - Name at least one wild creature known to keep the forest clean of carcasses

Opossums, morococys

19 - Name at least six birds likely to be spotted in the forest of Carriacou

Ground Dove

warbler

Red Necked Pigeon (Ramegir)

Carbiar

Banana Quit (ceca bird)

Cow bird

Fly catcher

Egret

Grackle (Black bird)

Humming bird

20 - The Blackbird is also called by a different name:

A - Condor

B - Yellow-eye bird

~~C~~ - Grackle

21 - Name the two wild creatures in Carriacou feeding mainly on rats & mice

Boas (snakes)

~~owls~~ owls

22 - The Metallic Wood Boring Beetle is the longest living insect in the world. It is found in Carriacou as well. What is the known life span of this beetle?

A - 20 years

B - 100 years

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23 - Is the iguana a vegetarian species or is it a carnivore?

The iguana is a vegetarian species

24 - Which animal species feeds primarily on mosquitoes?

Bats

25 - Do we have poisonous snakes in Carriacou?

No ~~they~~^{there} no poisonous snakes in Carriacou

26 - Which of the three is the longest insect found in Carriacou?

- Cockroach

God-horse

- Wood ant

27 - Name at least six species of trees found in Carriacou

Manchinel tree

Hard wood tree ✓

Silk cotton tree

Palm trees

Grumbo limbo tree

Glory cedar

✓ Agaves tree / plant

mangroves

Mango trees

Paw Paw tree

Calabash tree

Ever green tree

Mahogany tree

Bamboo tree ✓

28 - The 'Tourist Tree' has also a beautiful African name. Which of these?

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31 - Name the three main mangrove sites in Carriacou

White Carenage, Hermitage

Lauriston mangroves

Oster Beds (tyrel bay)

32 - Name the 3 types of mangroves found in Carriacou

Red Mangroves

white mangroves

Black mangroves

33 - In a mangrove ecosystem, which species is most likely to grow on the seaward edge (front) of the system?

white mangroves Red Mangroves

34 - Mangrove areas provide:

A - Nursery for 10% of coastal fish

B - Nursery for 50% of coastal fish

C - Nursery for 90% of coastal fish

35- Name at least three species of animals who find food and shelter in the mangroves

Birds such as whimbrels and Sand pippers
Carnivorous and insects as crabs & soldier crabs
fresh water fish

36 - Why mangroves are so important and need to be protected?

Because it provides protection against coastal erosion and is the habitat/home of many...

37- Are mangroves an endangered species?

Yes mangroves are an endangered species

38- In Petit Carenage (1997) a large area depleted of mangroves was successfully replanted. Which of the three types of mangroves was replanted there?

Red mangroves was replanted in petit Carenage.

39- MPA SIOB stands for:

- A - Multiple Projected Assumptions
- B - Marine Protected Area Sandy Island & Oyster Beds
- C - Marine Private Area

40- Why the MPA is important?

It helps to protect endangered marine animals and the nesting of future ones and their habitats and helps promote ecotourism.

41 - Coral Reefs are the oldest ecosystem on Earth. How old?

- A - 2 million years
- B - 20 million years
- C - 200 million years

42 - Name at least three marine birds (fish eaters) seen around Carriacou

Sea gulls	Sand piper	great herons
Pelican	King fisher	Whimbrels
Osprey	<u>Wabblers</u>	Great herons

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