

## Biology Week 2015

### BioSoc Quiz

The quiz consists of 5 rounds:

- 1) What's in a name?
- 2) Anagrams
- 3) True or False?
- 4) Biology Categories
- 5) Name the Creepy Crawly

#### Round 1: What's in a name?

Question N <sup>o</sup>	Question	Answer
1	What are the names of the trio of scientists credited with the discovery of the DNA double helix structure?	
2	What is the scientific name given to the 'tusk'-like structure found on a Narwhal?	
3	What is the name of the organelle within all cells responsible for respiration activity?	
4	What is the name of the pathway, consisting of 10-enzyme catalysed steps, resulting in the creation of pyruvate, called?	
5	What is the name of the nitrogen-containing polysaccharide that forms the tough exoskeletons of most arthropods?	
6	What is the name of the Family from which bears originate?	
7	What are the names of the bases that are found in DNA and RNA?	
8	What is the name of the type of bonding that gives proteins their secondary structure?	
9	What is the name given to an organism that is both reproductively male and female?	
10	What is the name of the famous scientist who invented a system of taxonomy in the 1700s?	

## Round 2: Anagrams

Match the anagram to the corresponding word.

Clues are provided.

### Anagram

### Clue

The Ache

Speedy Cat

Toast Bin

Plant Lover

Piebald

Upright Walker

Noisy Pram

Simplest Explanation

Oral Splotch

Solar Power Plant

A Senior Trip

$C_6H_{12}O_6 + 6O_2 \rightarrow 6CO_2 + 6H_2O + \text{Energy}$

Is Moist

Division of Biology

Carve Iron

Meat Eater


Obey Mr

Unborn

A Dancer Whirls

HMS Beagle Explorer

**Round 3: True or False?**

Question N <sup>o</sup>	Question	True or False?
11	The cells of animals are prokaryotic...	
12	Dolphins and whales do not drink water...	
13	A Venus Flytrap takes less than half a second to shut on an insect...	
14	All genes have two alleles...	
15	The following image was taken by a scanning transmission electron microscope (STEM)... 	
16	Human gametes (sex cells) have a diploid number of chromosomes...	
17	The average speed of a sneeze is 100 miles per hour...	
18	Rhubarb leaves are poisonous to humans...	
19	The large intestine is the heaviest organ inside the human body...	
20	Humans share 50% of their DNA with a banana...	

**Round 4: Categorise the words into the appropriate group (4x4), and then identify the theme of each group.**

FLEMMING

CLASS

PHYLUM

SECOND

SWAMP

PASTEUR

ORDER

KILO

CURIE

WOLF

MOLE

SPECIES

HOUSE

MENDEL

METER

ZEBRA




**Round 5: Name the Creepy Crawly**

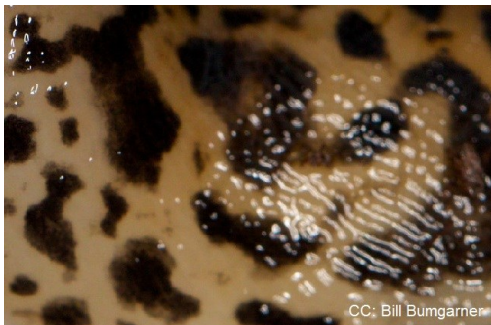
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2



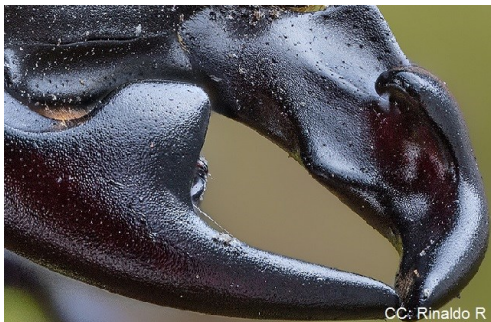
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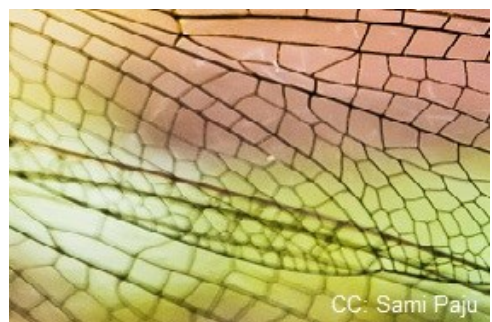
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5



6



7



8



9



10

