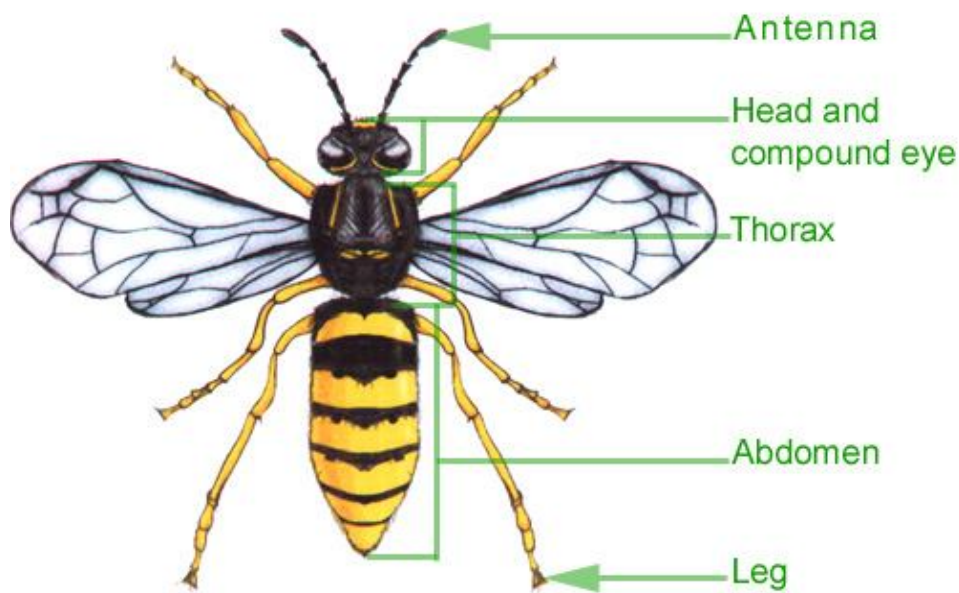


The Incredible Microscopic World – Insects



Insects (from Latin *insectum*, a calque of Greek $\varepsilon\upsilon\tau\omicron\mu\omicron\nu$ [*éntomon*], "cut into sections") are a class of invertebrates

(無脊椎動物) within the arthropod (節肢動物) phylum that have a chitinous (殼質的) exoskeleton (外骨骼), a three-part body (head, thorax (胸), and abdomen (腹)), three pairs of jointed legs, compound eyes, and one pair of antennae (觸角).

Life cycles of insects

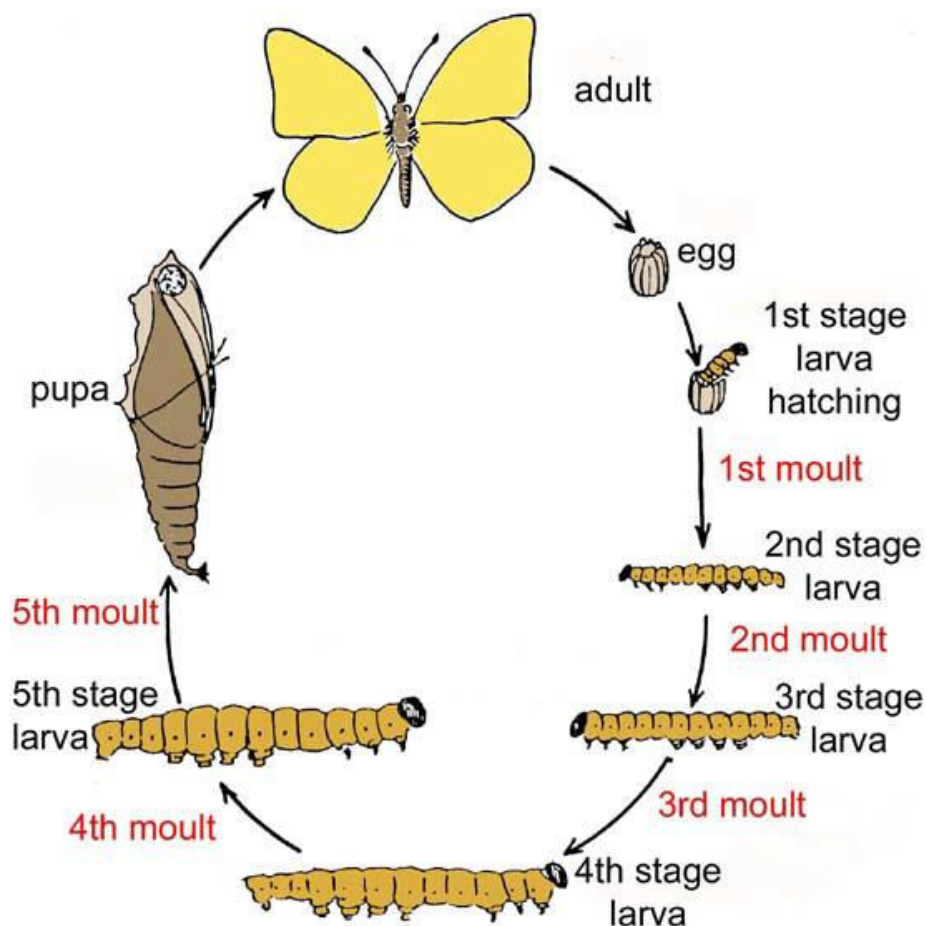
The life cycles of insects vary (from one day to a few years), but most hatch from eggs. Insect growth is constrained (抑制) by the inelastic (無彈性的) exoskeleton and development involves a series of molts (脫皮). The immature stages can differ from the adults in structure, habit and habitat, and can include a passive pupal stage in those groups that undergo complete

metamorphosis (變形). Insects that undergo incomplete metamorphosis lack a pupal stage and adults develop through a series of nymphal stages. The higher level relationship of the hexapoda (六足類) is unclear. Fossilized insects of enormous size have been found from the Paleozoic Era, including giant dragonflies with wingspans of 55 to 70 cm (22–28 in). The most diverse insect groups appear to have coevolved with flowering plants.

Insect Bites Overview

Stings and bites from insects are common. They often result in redness and swelling in the injured area. Sometimes a sting can cause a life-threatening allergic reaction.

Arthropods are insects that live primarily on land and have 6 legs. They dominate the present-day land fauna. They represent about three-fourths of known animal life. In fact, the actual number of living species could range from 5-10 million.



The orders that contain the greatest numbers of species are Coleoptera (甲蟲類) (beetles), Lepidoptera (鱗翅類) (butterflies and moths), Hymenoptera (膜翅目昆蟲) (ants, bees, wasps), and Diptera (true flies).

If you still want to know more about insects, come and watch our video show!!!

We have successfully held a video show: The Da Vinci Conspiracy
《遠古外星人-達文西陰謀》 on 16/10. Here is one of the reflections
of our schoolmates after watching the video show:

陳曉琳 4D(1)

I think that this video is really interesting, but sometimes, it is a bit horrible! I learnt a lot of things through this video show. Before watching it, I have never thought of the messages behind the paintings, it is so attractive! I enjoyed it very much!

Next Video Show:

Title: 微觀世界不思議 Unusual World

Details: **15-11-2012 4:15-5:00 p.m. @ Chem. Lab. (Rm 512)**

****Special gifts will be given if you answer the Quiz correctly.****

節目名稱	日期	時間	票價	地點
瑪雅 — 不朽 的天空傳說	至 2013 年 4 月 29 日 (逢星期六)	下午三時五十分 (34 分鐘)	前座 12 元，後座 16 元 (優惠票)	何鴻燊天象廳 (香港太空館)
飛龍世界	至 2013 年 2 月 28 日 (逢星期六)	下午一時三十分 (39 分鐘)		

Date	Time	Venue	Speaker	Topic	Speaker's information
22/11 (Thu)	4:10 – 5:10 p.m.	Chem. Lab. (512)	Dr Benny Ng	Benny and the Chocolate Factory	Department of Chemistry, Faculty of Science, HKU

If you are interested in the “Benny and the Chocolate
Factory”, please **sign up** your name on **our board** near the
staff common room (rm102).

Time to Relax!

Opinion Corner is a new section and you can express your views towards science.

You are welcome to submit your ideas into our collection box outside the staff room.

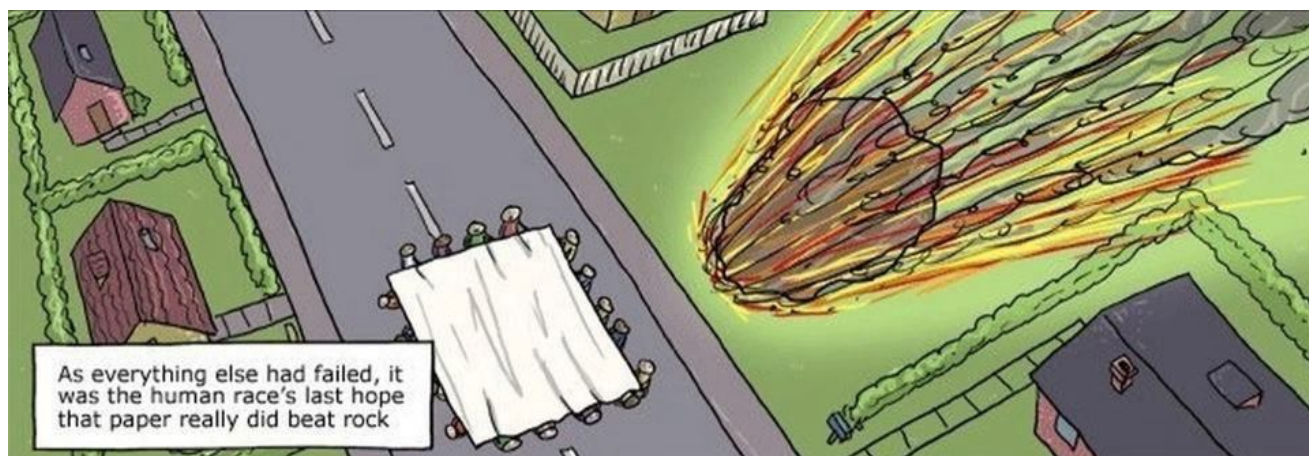
						6	8	
4								5
	8	3		6				
	6		5	8		7	3	
8			4		9			6
	1	7		2	3		9	
				4		8	1	
2								9
	7	8						

Science Society have set up a **fan page** on **Facebook**. If you don't want to miss our **latest news and activities**, remember to **"like"** it.

Previous Sudoku Answer:

1	9	6	2	5	4	8	3	7
4	5	7	8	9	3	2	6	1
8	3	2	7	6	1	4	9	5
5	6	3	9	7	8	1	4	2
9	8	4	6	1	2	5	7	3
2	7	1	4	3	5	6	8	9
6	4	5	3	2	9	7	1	8
3	1	8	5	4	7	9	2	6
7	2	9	1	8	6	3	5	4

Comic Corner:



Quote: As everything else had failed, it was the human race's last hope that paper really did beat rock.

SCIENCE SOCIETY 2012-13

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