**Insects and arachnids**

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| **INSECTS** | 1. **an ant** C:\Users\Nina\Desktop\imagesTJXCZQBU.jpg **a bee** [https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTePt9hvLzZXzI0wEPU5n4vKCmEiB2XZbv8THgDwIHLhaGk_ba4](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://sni.scholastic.com/SN2/04_04_13_SN2/book&ei=HxKOVIDXGIn4UJ3Fg_gG&bvm=bv.81828268,d.d24&psig=AFQjCNHX2-JoyLPsOtVoMPe3Ha3RRbqVlg&ust=1418683297587488) 2. **a praying mantis** [https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRjmcW0ClANz09b2VHS47jsVrMaYDNlBgvTe0y4LlCsu7JFrnEN](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://animium.com/2012/10/praying-mantis-3d-model&ei=BROOVJ-ZBcy8Ub2VgPAD&bvm=bv.81828268,d.d24&psig=AFQjCNGylZYbfyMOUraX1RpcvrzDpsXcjQ&ust=1418683487193965) **a dragonfly** [https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQS7eu3mC5D7yS67btva4pN6P5Cgnw0Idi1TnF32w0qTAKpgECC2w](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.dragonfly-asp.org/Dragonfly.asp&ei=TROOVKbVKYP6Ut--gKAN&bvm=bv.81828268,d.d24&psig=AFQjCNFYuBhPT5VuqVlTJ9VjOH-j_sdv_g&ust=1418683587441471)   [https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcTWx5vk1EpDXcfid6Xb-Ue3prXC0PMPVXSsPCiH7XkOVPlPBXEGgOlGoBg](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0CAQQjRw&url=http://www.roysfarm.com/bee-farming/&ei=IRKOVO_FE4b3UqSKg9AB&bvm=bv.81828268,d.d24&psig=AFQjCNFrp6cSew2UUbpDUmbtewNM_SKtYw&ust=1418683297364414) |
| **Characteristics** | * **six** legs * three body parts**: a head, a thorax** and **an abdomen** * **wings** * **an exoskeleton** (i. e. and outer skeleton) |
| **Species** | * **about 950.000** species of insects |
| **Life cycle** | * grow from **eggs** * go through various stages – this transformation is called **metamorphosis** |
| **Metamorphosis**  **a larva** /ˈlɑːvə/ a singular noun  **larvae** /’la:vi:/ a plural nouns  **a pupa** /ˈpjuːpə/ a singular noun  **pupae** /’pju:pi:/ a plural noun | * two kinds of metamorphosis: **complete and incomplete** * **incomplete**: **three stages** – an egg, a nymph and an adult * **complete metamorphosis**:   **four stages** – an egg, a larva, a pupa and an adult |
| **ARACHNIDS**  /əˈræknɪd/ | **a scorpion** C:\Users\Nina\Desktop\untitled.png **a spider** C:\Users\Nina\Desktop\imagesXPTU9H05.jpg |
| **Characteristics** | * **eight** legs * wings different from those of the insects |
| **Species** | * **75.000** (the majority of them spiders) |