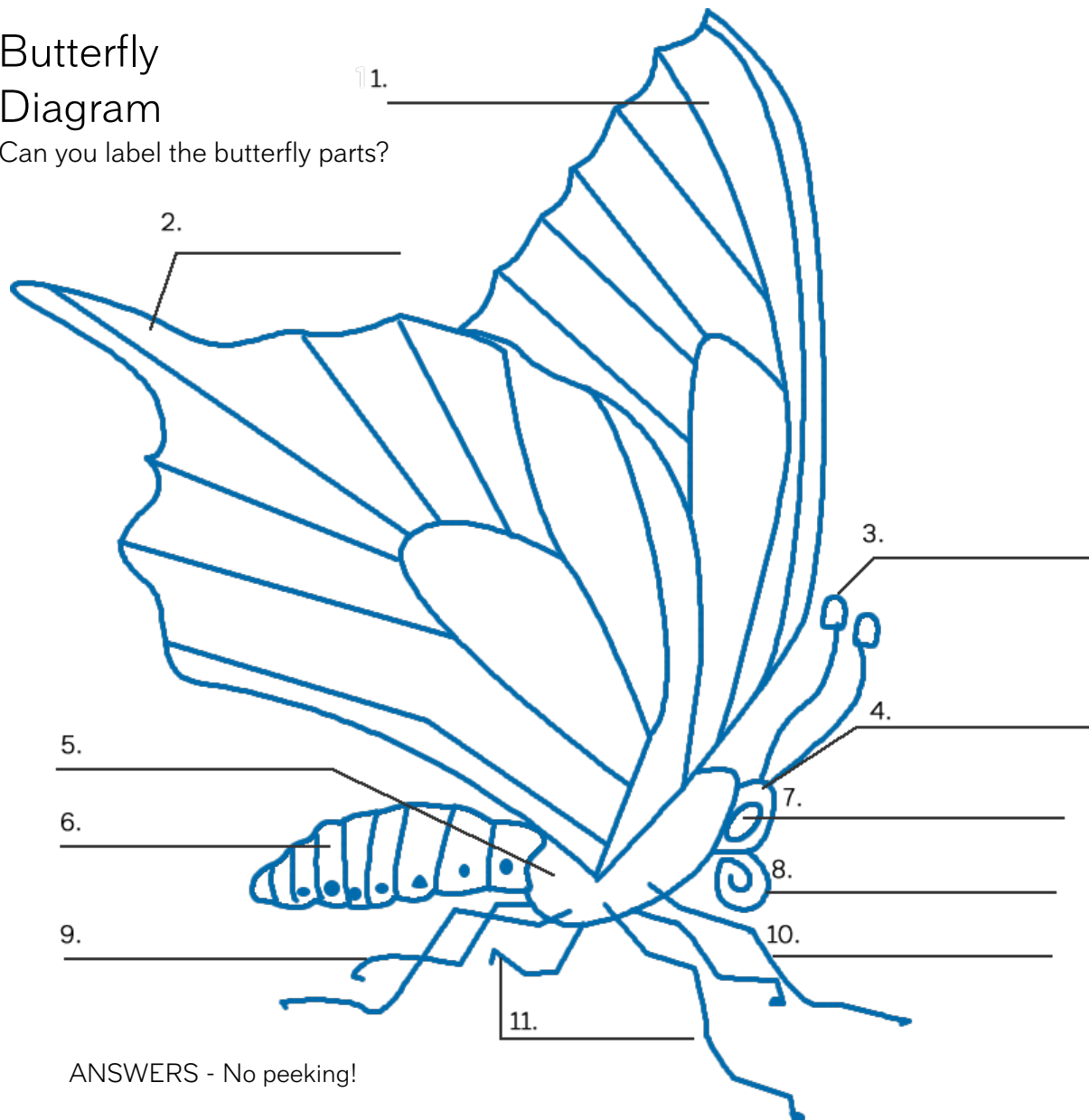


Wings of Mackinac Butterfly Conservatory

Mackinac Island, Michigan
www.wingsofmackinac.com

Butterfly Diagram

Can you label the butterfly parts?



ANSWERS - No peeking!

1. Fore wing: the anterior wings attached to the mesothorax (the middle segment of the thorax).
2. Hind wing: the posterior wings, attached to the metathorax (the last segment of the thorax).
3. Antennae: the pair of sensory appendages, used mainly for chemoreception.
4. Head: the first section of the butterfly or moth body. The head includes the eyes, the antennae, the palpi and proboscis.
5. Thorax: the second section of the butterfly or moth body. The thorax consists of three segments fused together. Each segment has a pair of legs. Both pairs of wings also attach to the thorax.
6. Abdomen: the third section of the butterfly or moth. The abdomen consists of 10 segments. The final third and fourth segments are modified to form the genitalia.
7. Compound eye: the large eye that senses light and images. The compound eye is a collection of thousands of ommatidia, each of which acts as a single lens of the eye.
8. Proboscis: The proboscis curls up when not in use and extends like a drinking straw when the butterfly feeds.
9. Hind leg: the last pair of legs, attached to the metathorax.
10. Fore leg: the first pair of legs, attached to the prothorax.
11. Mid leg: the middle pair of legs, attached to the mesothorax.