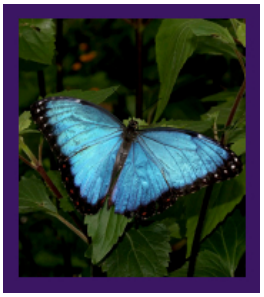
NanoDays
The Biggest Event for the Smallest Science!

Macroscale Objects—Memory Game

A large oak tree
is about 20 meters tall.

A full-size soccer ball is
70 centimeters in diameter.

Humpback whales are
about 14 meters long.



Blue Morpho butterflies have
a wingspan of about 15 centimeters.

At age 6 or 7, children
are around 1 meter tall.

Gecko lizards are
about 13 centimeters long.

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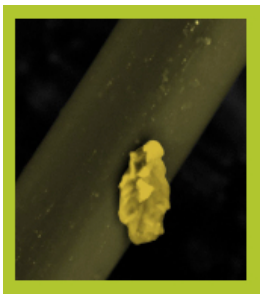
Microscale Objects—Memory Game

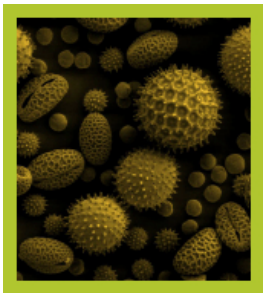
Dust mites, arachnids that eat flakes of dead skin, are 300 micrometers long.



Tiny feces from dust mites are about 17 micrometers long.

The diameter of human hairs ranges from 50-100 micrometers.

Red blood cells, which carry oxygen from our lungs to our bodies, are about 7 micrometers across.



Pollen, which fertilizes seed plants, can be about 50 micrometers in diameter.

E. coli bacteria, found in our intestines, are around 2 micrometers long.

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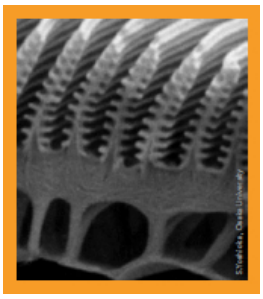
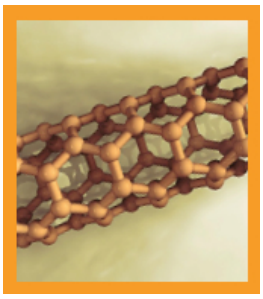
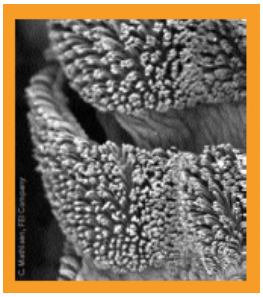
Nanoscale Objects—Memory Game



The 400-nanometer microribs in the Blue Morpho butterfly's wings reflect light to create a blue iridescent color.



Carbon nanotubes are tiny structures made of carbon, several nanometers in diameter.



The 200-nanometer hairs on geckos' feet temporarily bond with surfaces, making them really good climbers.

DNA molecules, which carry genetic code, are around 2.5 nanometers across.

The *Ebola* virus, which causes a bleeding disease, is around 80 nanometers long.

Buckyballs, molecules made of 60 carbon atoms, are 1 nanometer in diameter.