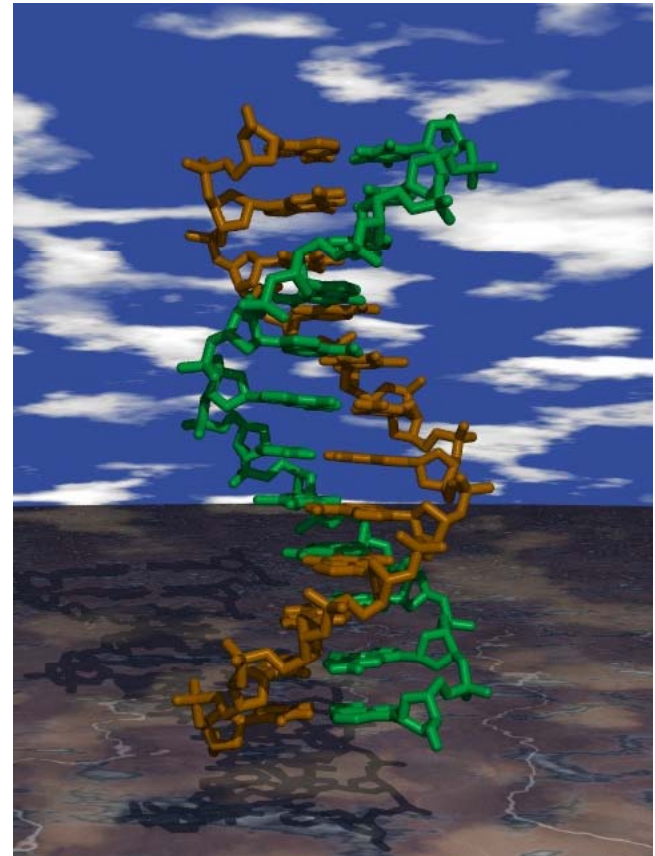
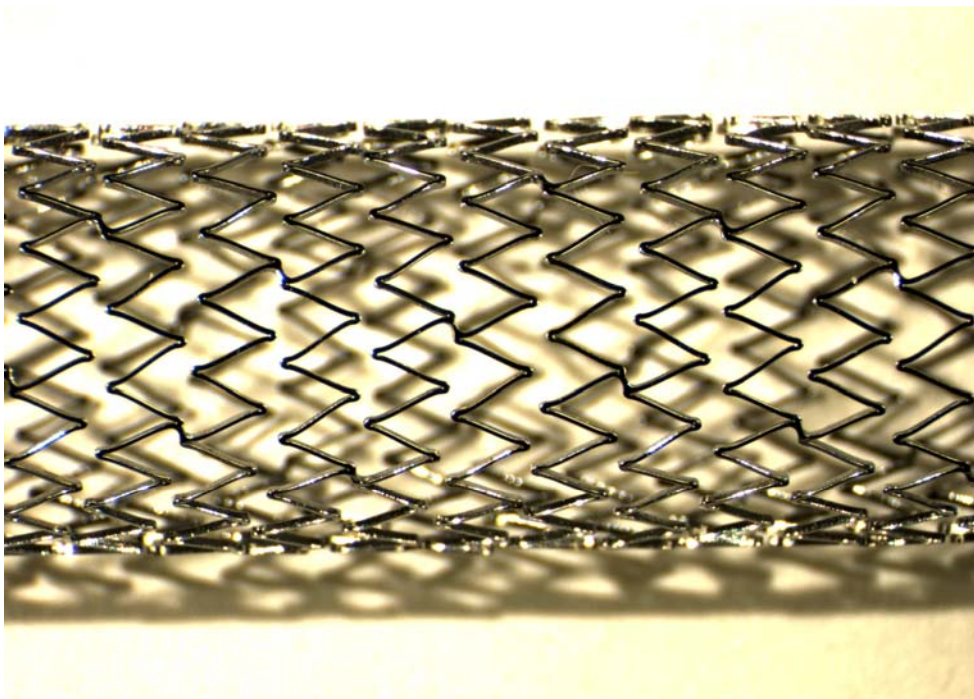
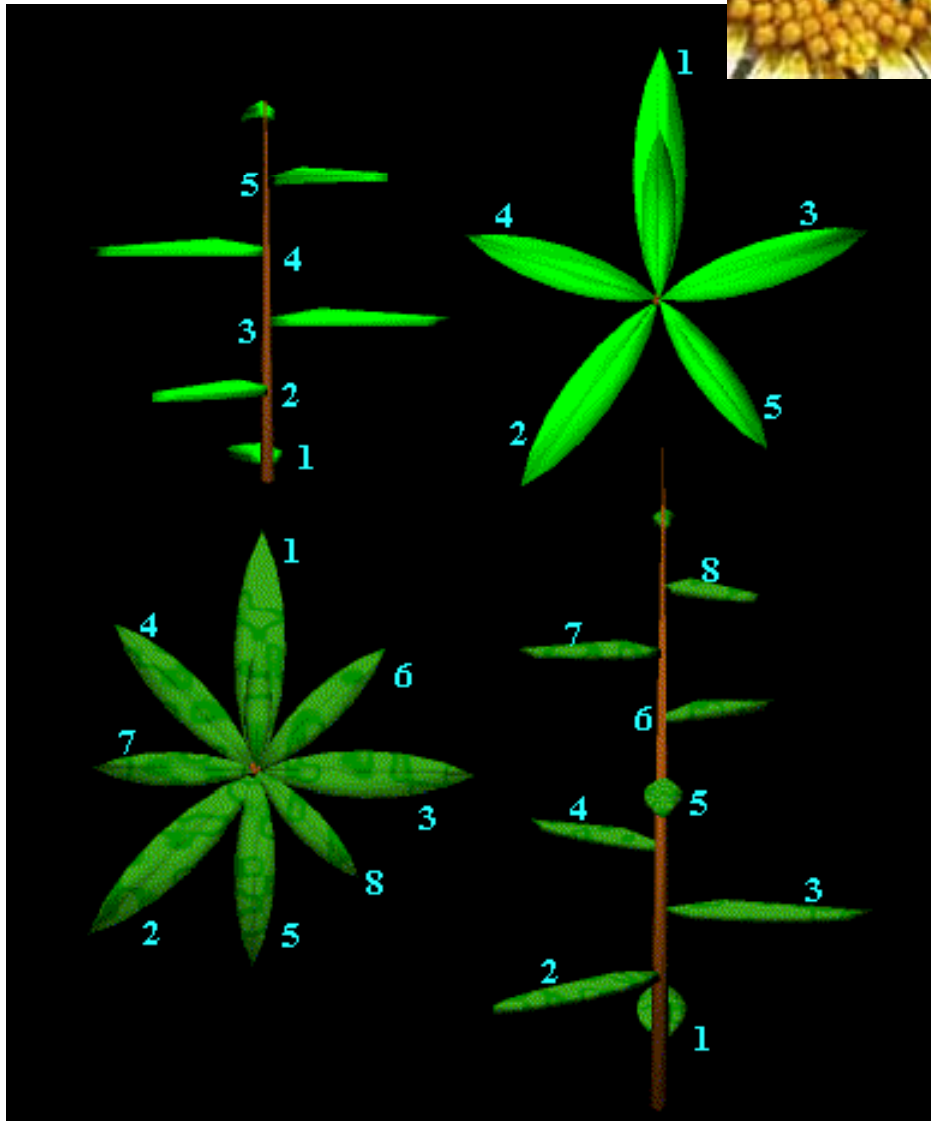


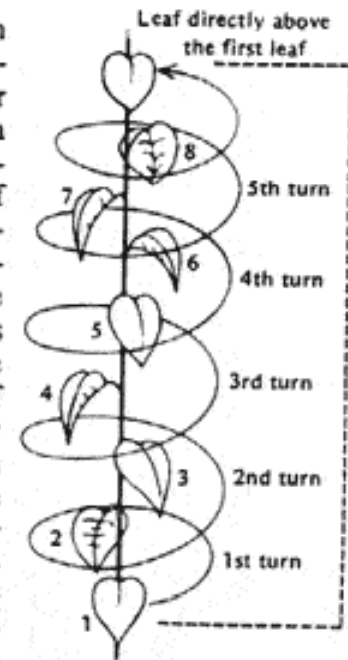
*“The helix has a strong claim to be nature’s favorite shape. It is adopted in the living world at every anatomical and physiological level and exists as an almost universal structural form.”*



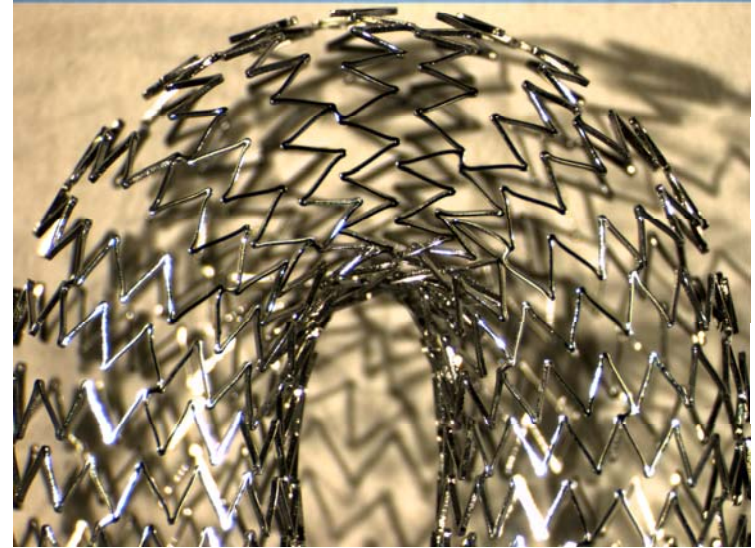
# PHYLLOTAXIS



The number of petals on flowers will vary according to the kind of flower and not every flower of a particular species is identical. The arrangement of leaves on a plant will usually produce two Fibonacci numbers: (1) the number of leaves it takes to go (rotating about the stem) from any given leaf to the next one "similarly placed" (above it and in the same direction) on the stem; and (2) the number of revolutions as one follows the leaves in going from one leaf to another one "similarly placed."



The figure at the right shows this leaf arrangement.



*“Biomimicry is a new science that studies nature’s models and then imitates or takes inspiration from these designs and processes to solve human problems.”*

Janine Benyus, Author *Biomimicry*

