Porifera/ Cnidaria Valentine’s Day Cards

As many of you have probably seen, hallmark loves to put adorable creatures on Valentine’s Day cards so keeping in with that tradition, you are going to choose or make up your own organism (that fits the following requirements below) to go on your Valentine’s Day card. You may use your notes, textbooks, or computers to get information about your organism.

1) General Requirements for the Valentine’s Day Card:

* Display with a picture/3D art/diagram of a real organism from Phylum Porifera, Phylum Cnidaria, or a hypothetical organism that would be placed in Phylum Porifera or Cnidaria due to its characteristics.
* Make sure that the real species name (genus + specific epithet) is on the card or the hypothetical name (which must be logical and must contain a genus + specific epithet)
* Also come up with a clever way to include AT LEAST ONE fact about Phylum Porfiera, Phylum Cnidaria, or the organism you chose.
* On a separate sheet of paper write a paragraph about why you chose this organism; describe its most unique characteristics, and where geographically it is found.

2) Requirements for Specific Phylum

* Phylum Porifera (sponges):
* their symmetry is asymmetrical
* are filter feeders
* have no true tissues
* has an osculum
* has pore cells
* has epithelial cells
* has collar cells
* has amoebocytes
* has spicules
* Phylum Cnidaria (Corals, Hydra, Sea anemones, and Jellies):
* their symmetry is radial
* have tissues but no organs
* have two life stages, first a polyp attached to the floor, then a medusa free to move around (you can pick either stage for your drawing/diagram of the organism)
* has a gasrtovascular cavity
* have a nervous system with simple nerves arranged into a net
* have no brain