NEM250 – Some questions

1. Describe the parts of the female reproductive system of plant-parasitic nematodes. What is the function of each structure?
2. In what geographic locations of the world, and in what soil conditions, is damage reported by the sting nematode, *Belonolaimus longicaudatus?*  What characteristics of this nematode would suggest to you that it is not an endoparasite of plant roots?
3. Briefly describe a method of separating nematodes from soil that does not require the nematodes to be motile.
4. Describe the several general mechanisms by which fungi parasitize nematodes.  Provide examples where possible.
5. In terms of crop damage, what are the most important hosts of *Nacobbus aberrans* in
6. Mexico
7. Countries in South America
8. Other parts of the world
9. Nematodes have many natural enemies in the soil. How is it possible that plant-parasitic nematodes are such important pests in agriculture?