

## Answer on Question #38603-Chemistry-Other

### Question

The Universe is surely a vast, infinite place with an infinite number of forms of matter. The Universe is the house for all that is large and unseen (except with the aid of a telescope) as well as small and unseen (except with the aid of a microscope). With that said, please collect data on three objects found in the universe. For example, you can describe a certain planet, certain building, or certain animal; however, the object should be considered "extreme" in a large or small sense. (An example that you cannot use specifically would be Mount Everest - which is known for its extreme height.) In a blog post, please post the name of each object as well as the reported measurements of the objects. Also, include the link or source of the reported measurements.

### Answer

1. The smallest mammal: **Etruscan shrew** (*Suncus etruscus*). Mass – **1.8 g**. ([http://en.wikipedia.org/wiki/Etruscan\\_shrew](http://en.wikipedia.org/wiki/Etruscan_shrew))
2. The world tallest building: **Burj Khalifa** (Dubai, United Arab Emirates). Height – **828 m**. (<http://skyscraperpage.com/diagrams/?searchID=203>)
3. The largest known star: **UY Scuti** (red supergiant star in the constellation Scutum). Radius – 1,708 solar radii =  **$1.188 \cdot 10^9$  km**. ([http://en.wikipedia.org/wiki/List\\_of\\_largest\\_known\\_stars](http://en.wikipedia.org/wiki/List_of_largest_known_stars))