

Osmosis - the process of said flow.

Viscous = Thick → Viscosity
 ↓ Internal Resistance to flow
 Solutes ↓ dissolved parts
 ↑ Solution contains

- Tardigrades / water bears / moss piglets
- have 8 legs. • Not related to anything else
- Euarthropoda and tardigrades are two branches.
- Euarthropoda = all other bugs and insects.
- 50 - 1,200 microns long. Some live in water, others live in the land, though in water (puddles, mtd).
- Everywhere on earth.
- They don't swim. (walk) • They feed on plants, other micro cells, and other tardigrades.
- They don't have eyes. (like we can,) only seeing light.
- They lay eggs. Have up to 40,000 cells, organs, and even brains.
- ~~like~~ -220c - 150c ← They can survive this.
- 6,000 atmospheres
- 2 weeks to 120 year (at least) lifetime.
- Cryptobiosis - change metabolism to 0.01% rate.
- Trehalos works as a shell.
- ~~anoxobiosis~~ anoxobiosis - lack of oxygen (they survive)
- They aren't immortal.
- Hydras are related to Jellyfish
- Not extremophiles. (can, but don't like living in extreme conditions.

