C11 - 5.4 - Attractive Forces/Effective Nuclear Charge

Effective Nuclear Charge - Attractive positive charge of nuclear protons acting on Valence electrons.

Z_{eff} = Atomic # – Shielding Electrons (Inner shells)

As you add a new ring all of the rings inside shield so as you go to the right and add more electrons, increasing the Z_{eff} .

It's going to shrink because each electron is feeling a greater pull from the center.

