

Another Alien Periodic Table

The Story

Earth's scientists have announced that they have made radio contact with intelligent life on a distant planet named Navonod. One of this alien's languages has been translated and the scientific information has begun to be exchanged. The planet is composed of the same elements as the earth. However, the aliens have different names and symbols for the elements. Since they don't know the names of our elements, they have sent descriptions of theirs with certain properties. There is no information on the rare-earths, so all you have to do is put their elements into our abridged periodic table. Good luck!

1. The alkali metals are sclifford (Sc), cedrone(Cd), forestda (Fd), and dsiegel (Ds). Of these, cedrone is the least metallic and Ds has the lowest ionization energy.
2. The halogens are Thompson (Th), koskores (Ks), and keleher (Ke). Ks is the least reactive of them.
3. Flachance (Fl) has the ability to give or take 4 electrons to become more stable. It is also the smallest of its family. Lombardi (Lo) is the most massive atom.
4. The atom with the highest ionization energy is garnsium (Ga) while the atom with the highest electron affinity is keleher.
5. The Navonodan atmosphere is identical to Earth's. It contains 79% jbrowne (Jb) and 20% kjodoin (Kj). The rest of the atmosphere has trace gases in it. Including a molecule that is exhaled as the Navonodans breathe. It's made of one part flachance and two parts kjodoin.
6. The alkaline earths are mcguirk (Mg), earchabal (Ea), whapp (Wh), and mreuter (Mr). Wh is in the fourth energy level while Mg's valence shell is its fifth orbital. Mr is in the same period as cedrone.
7. The metalloids are switt (Sw), kellygriffin (Kg), jhaney (J), kburke (Kb), and mwheeler (Mw). mwheeler is the most abundant metal in our planet's crust. Sw is the lightest of the metalloids while Kg is the most massive. Jhaney is the largest metalloid.
8. Although in the same period, pickel (Pi) is larger than lombardi.
9. Sclifford has the same valence shell as earchabal.
10. Jformato (Jf) is the most abundant element in the universe.

11. The noble gases are garnsium (Ga), kneely (Kn), smithj (Sj), and mrmac (Mm). Kn and Ga do not have eight valence electrons and Sj is smaller than Mm.

12. Murph (M) and khalili (Kh) are both in the fourth period. Kh has a greater electron affinity.

13. While having the same valence number has Kh, Turpel (T) has a higher ionization energy.

14. Pcollins (Pc) is bigger than T.

