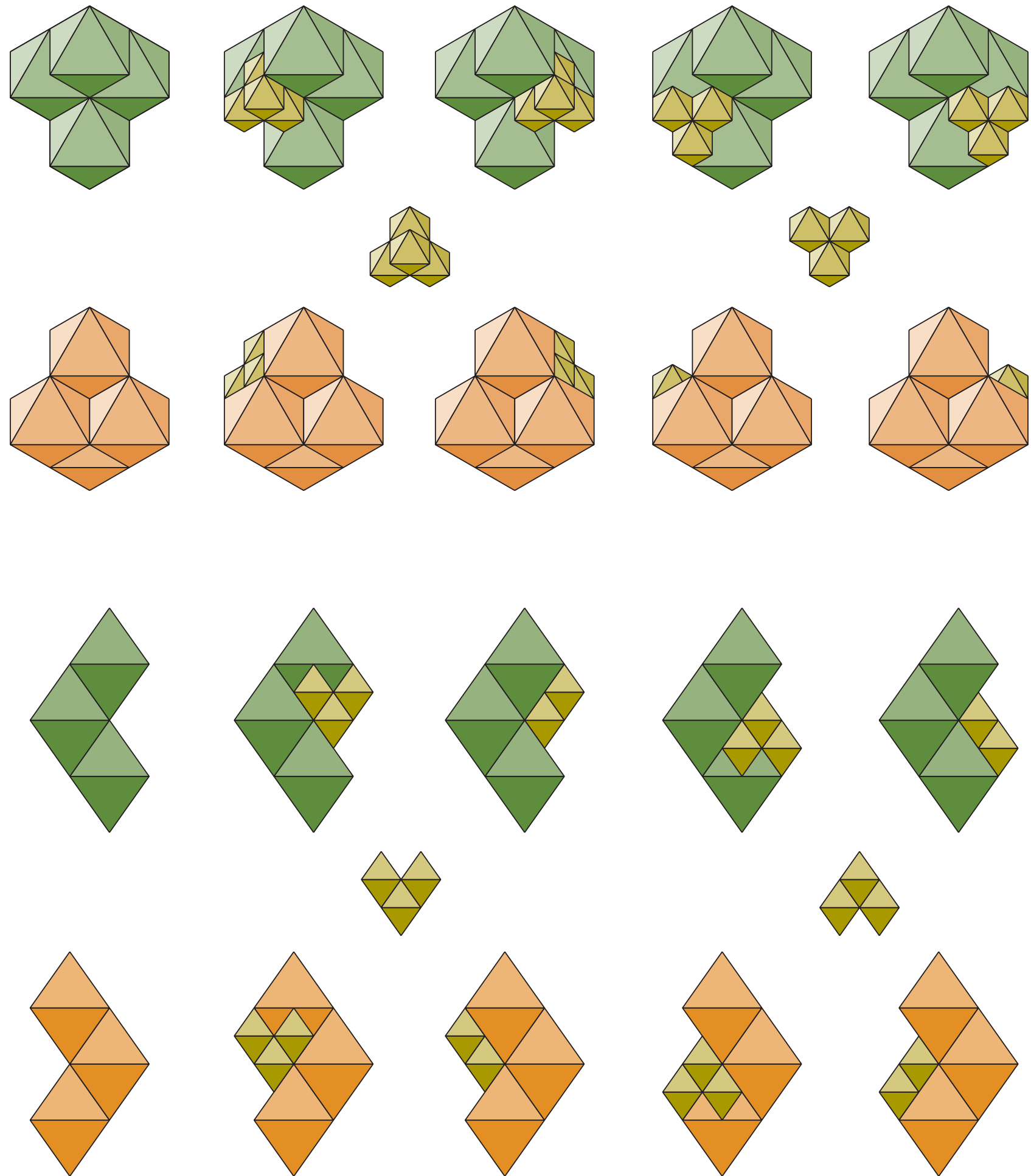


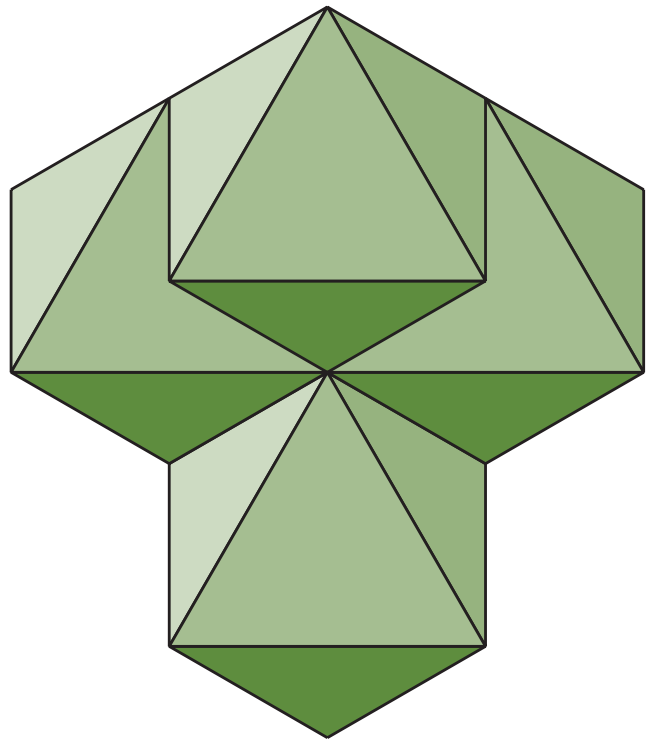
# Water wire

by Robert William Whitby

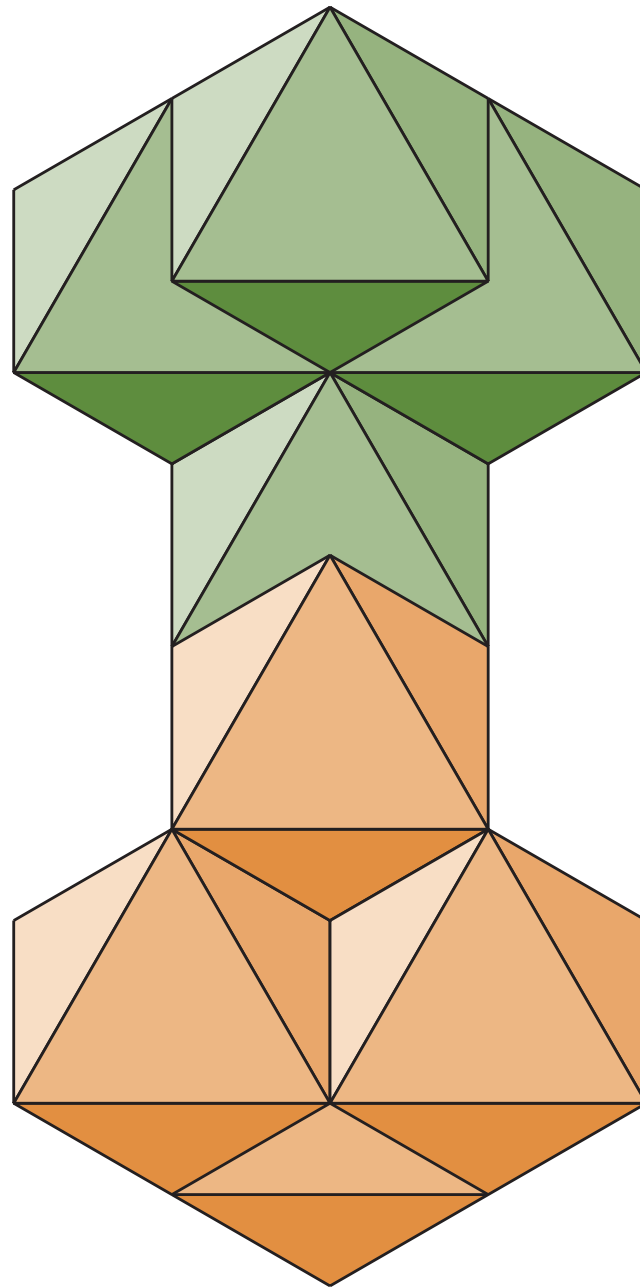
**Copyright by Robert William Whitby 2013**

**H<sub>2</sub>O-groups**

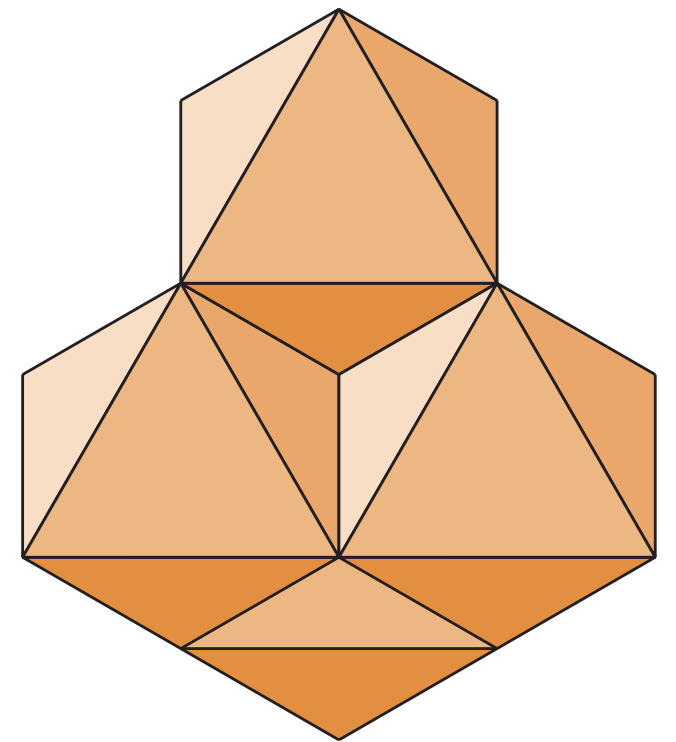




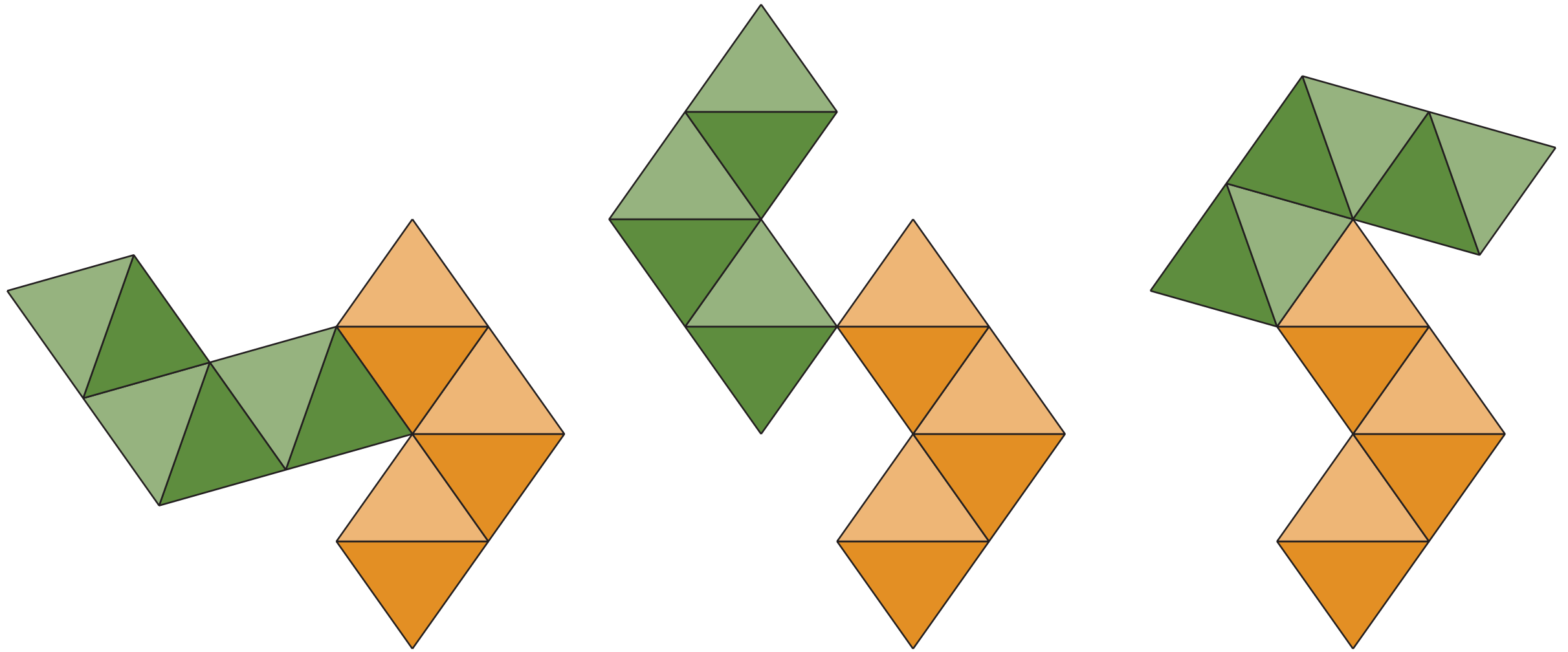
**O-atom**



**O-O join**

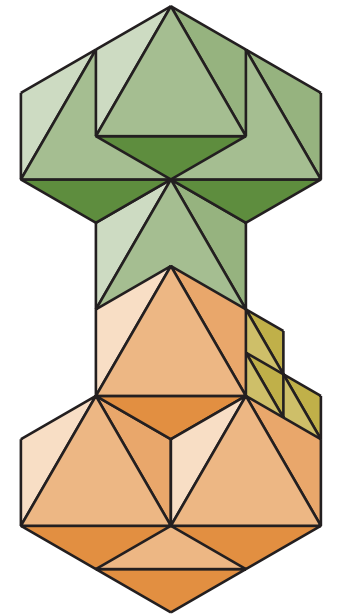
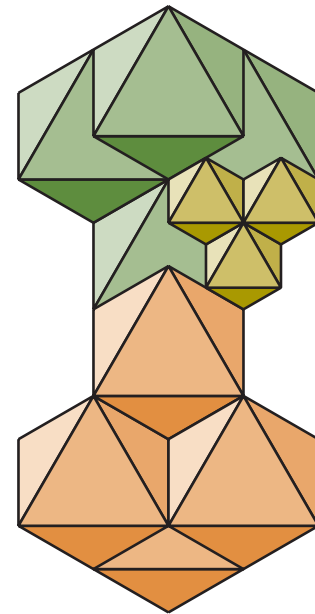
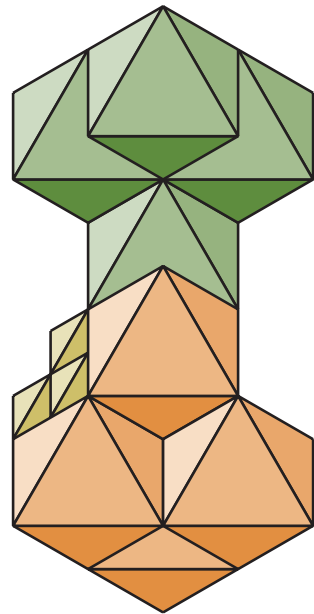
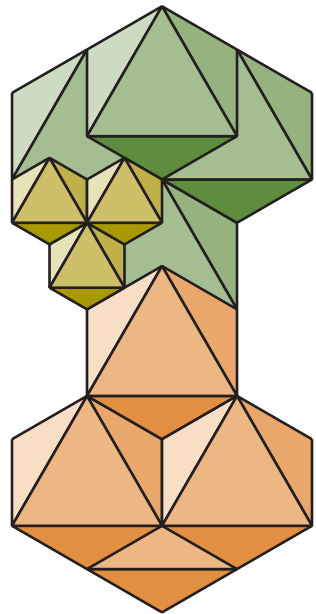
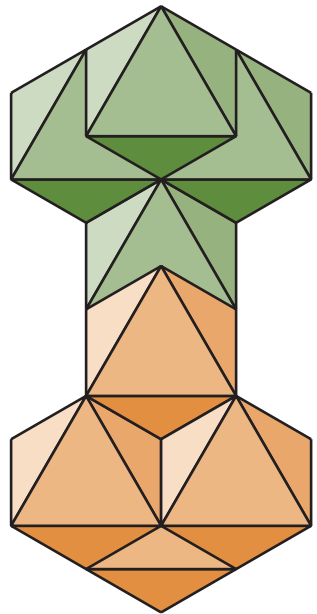
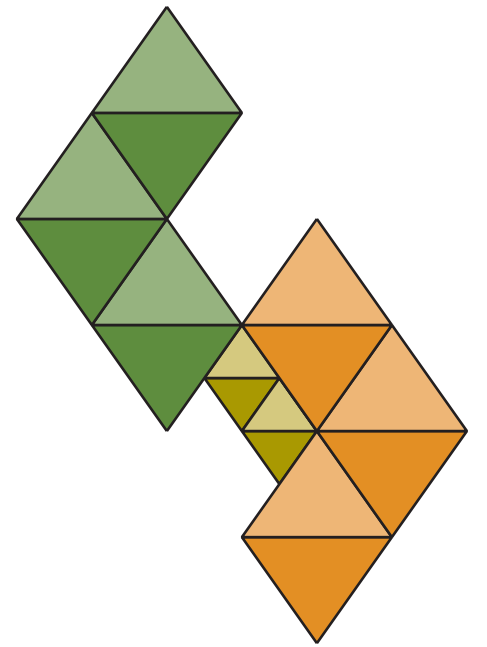
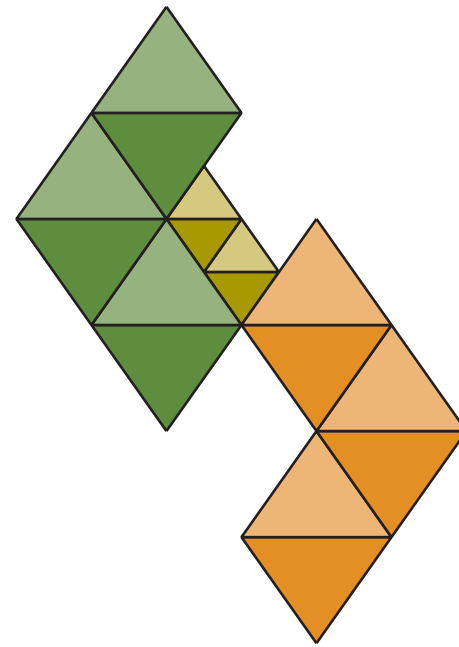
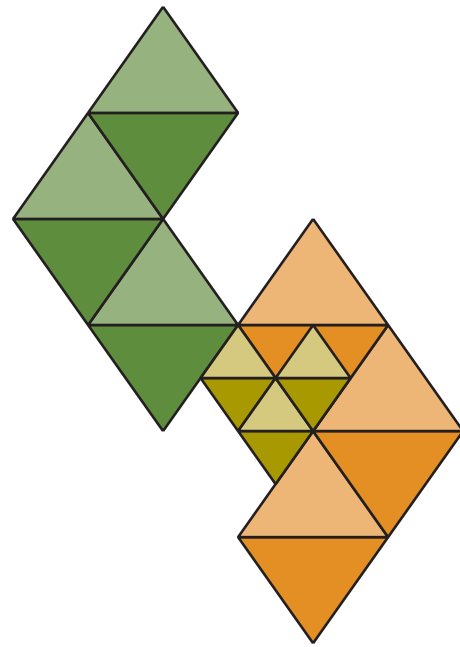
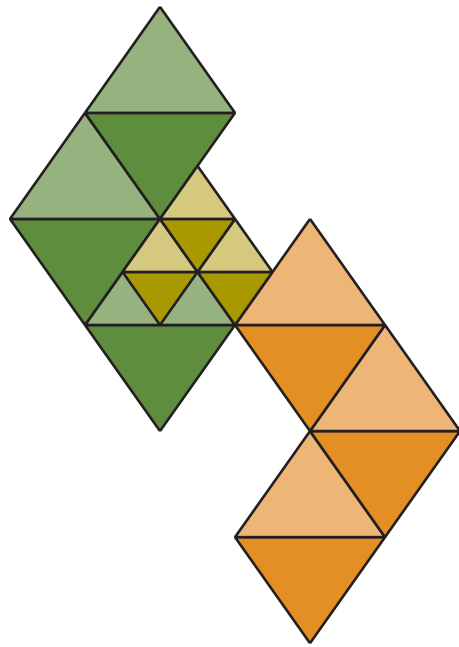
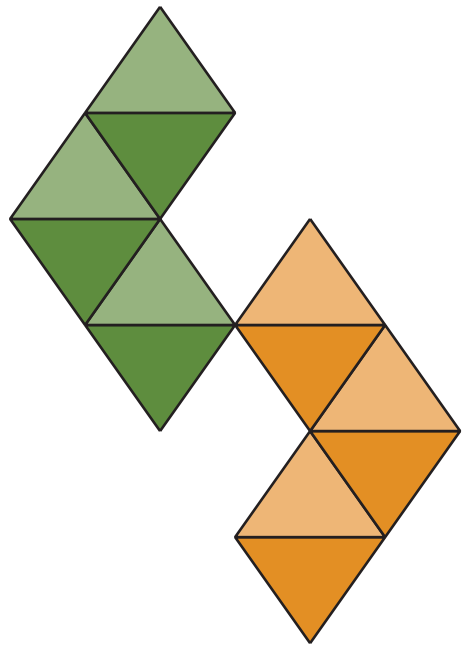


**O-atom**

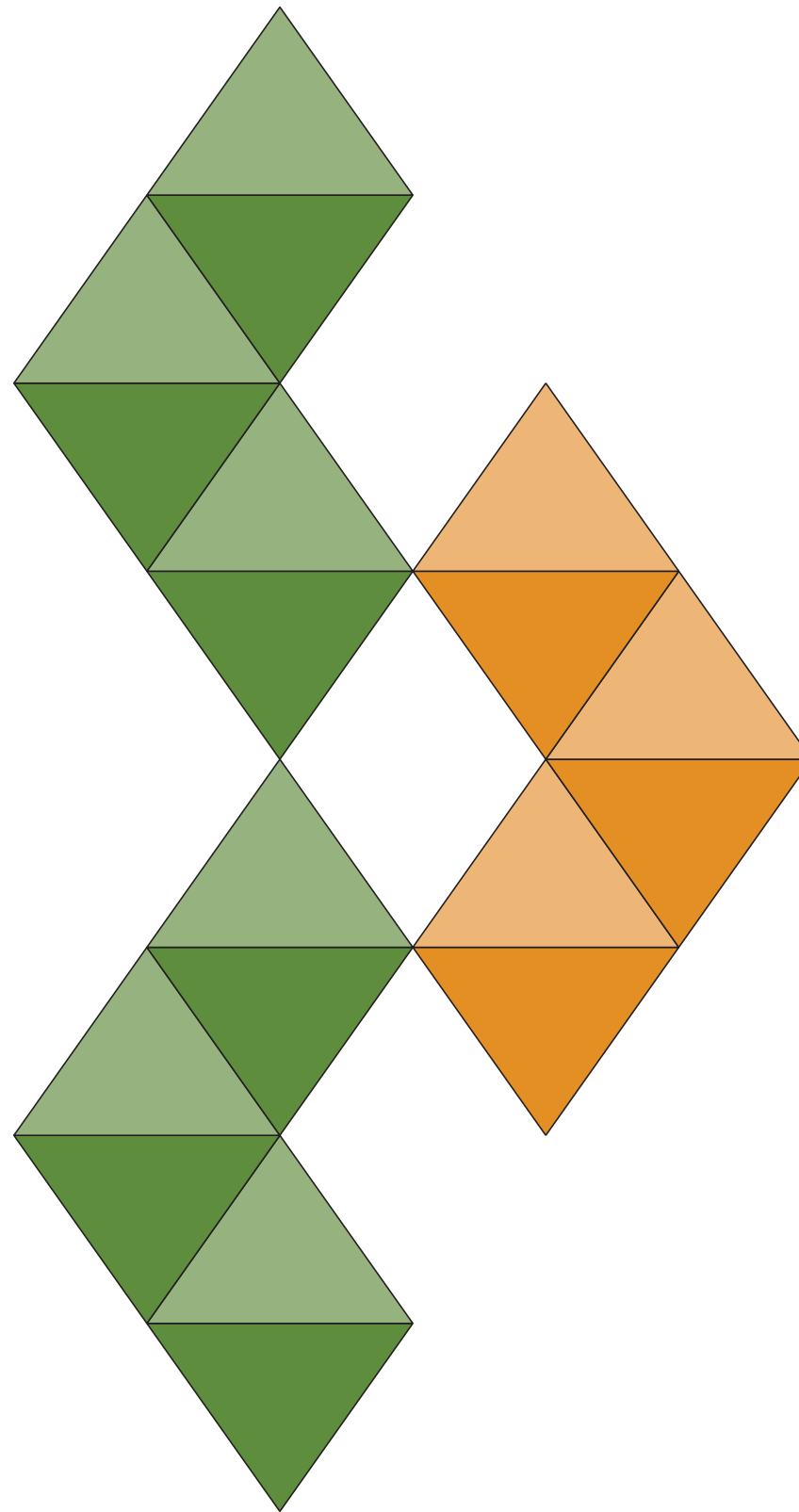


**O-O joint hinging**

**H<sub>2</sub>-groups stabilize O-O joins**



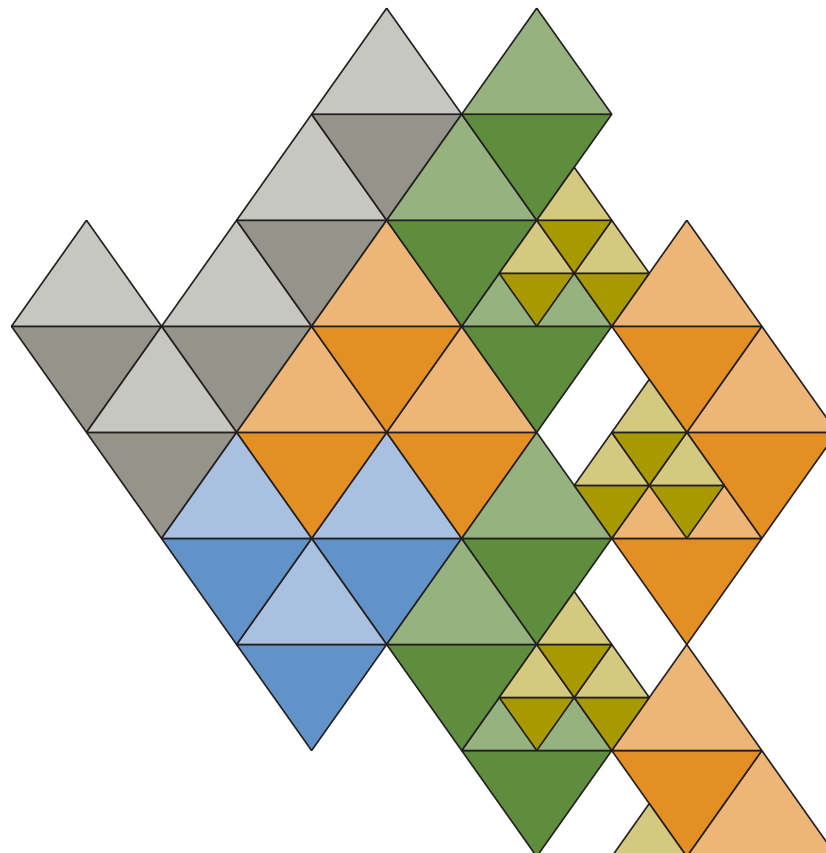




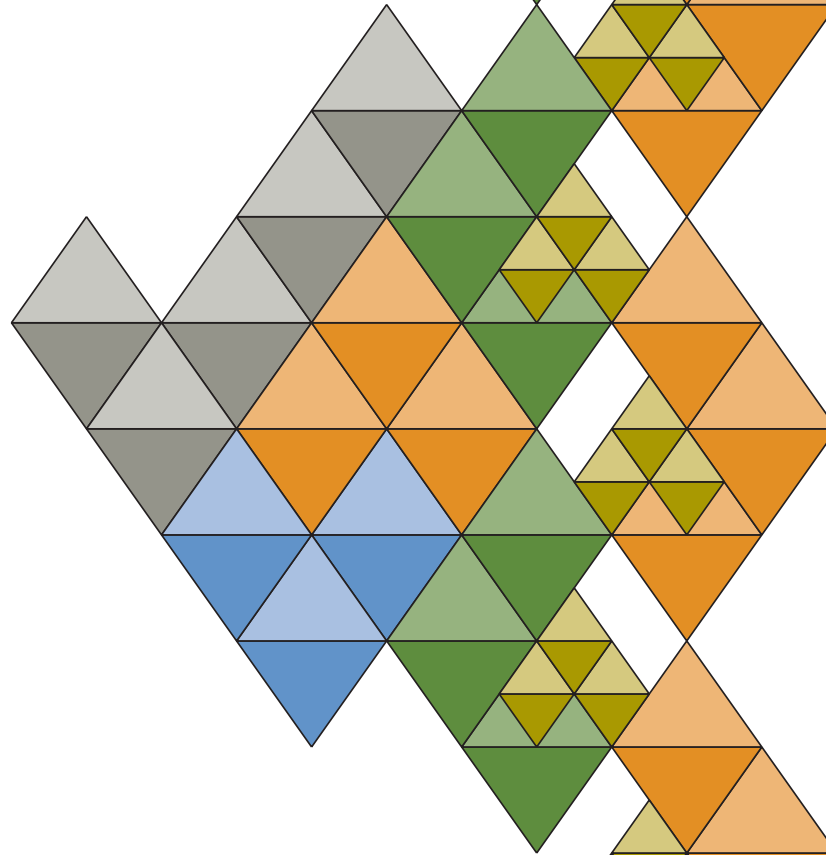
**O-O-O backbone of water wire**

**Water wire  
nestles with  
gln sidechains of b l 80 chain**

**L-gln sidechain**



**L-gln sidechain**



**b180 chain**

**Water wire**

# References

Octahedron 1stEd.pdf

Prion joining

<http://www.robertwilliamwhitby.com/>

**The end**