Chemistry, Dust, Gas Dynamics, Atmospheres of Planets and Stars

DISCUSSION

Sheep in Scotland

A mathematician, a physicist, and an engineer are riding a train through Scotland.

The engineer looks out the window, sees a black sheep, and exclaims, "Hey! They've got black sheep in Scotland!"

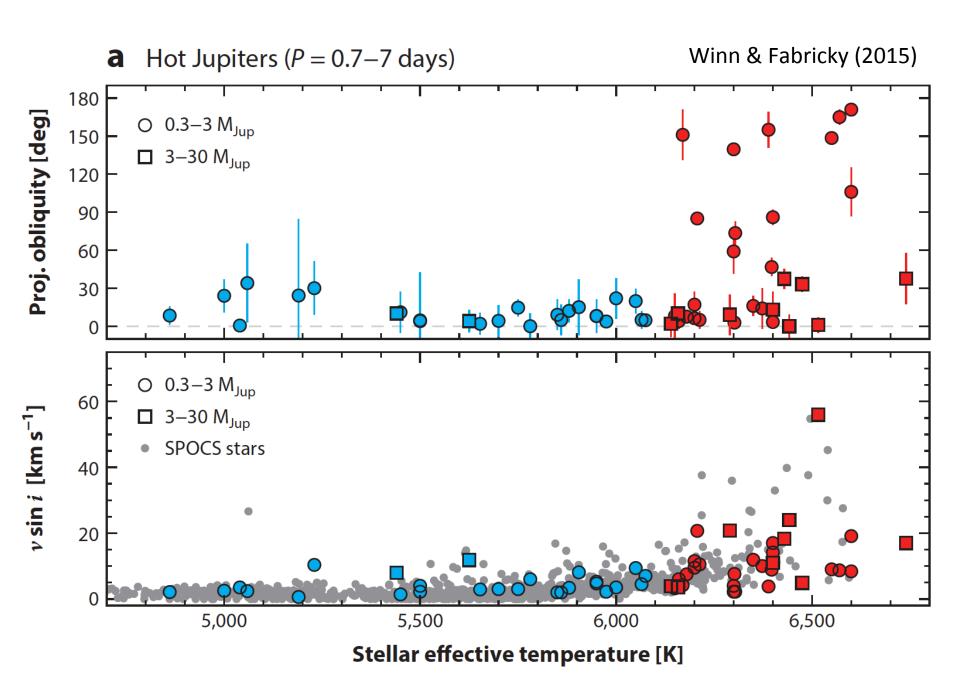
The physicist looks out the window and corrects the engineer, "Strictly speaking, all we know is that there's at least one black sheep in Scotland."

The mathematician looks out the window and corrects the physicist, "Strictly speaking, all we know is that is that at least one side of one sheep is black in Scotland."

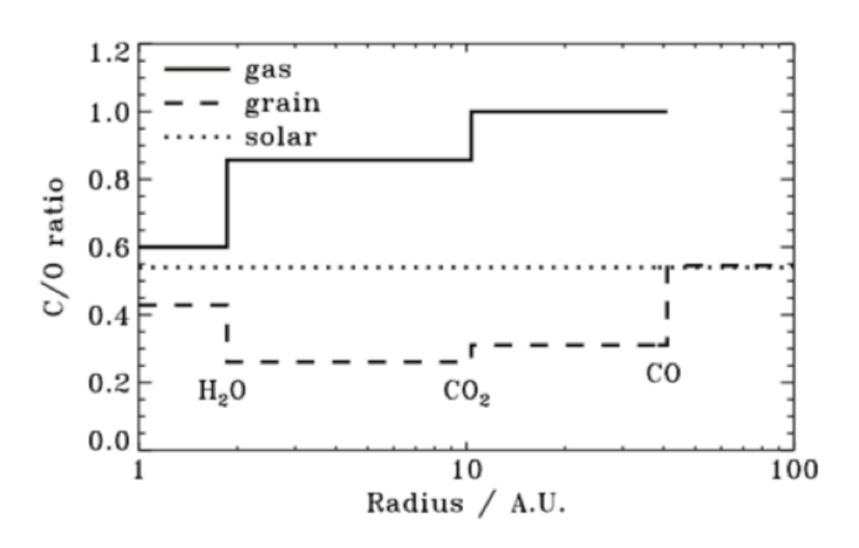


The Sum of All Sheep from 1 to Infinity

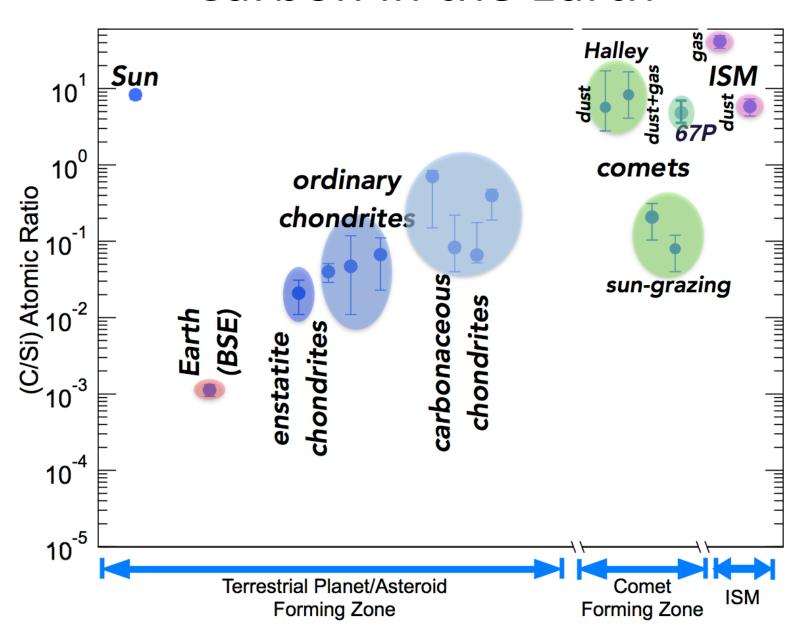


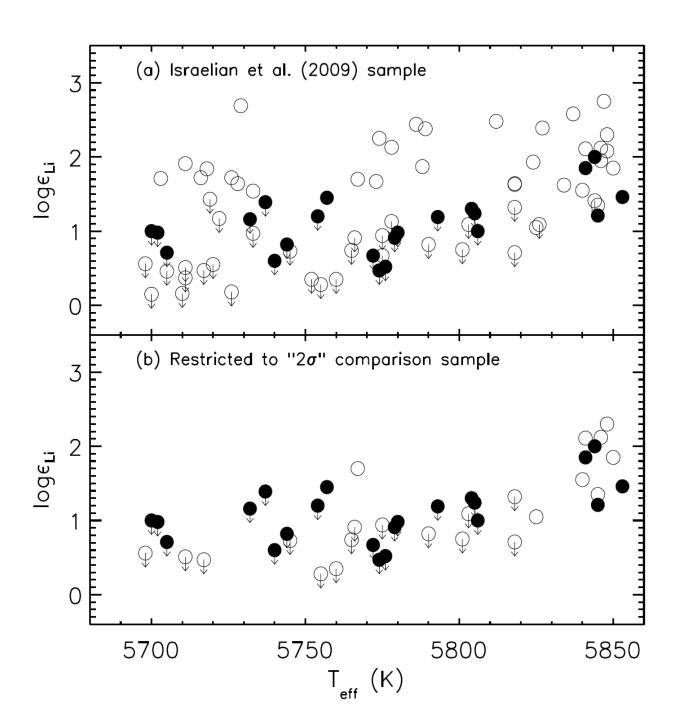


Link between Formation & Composition

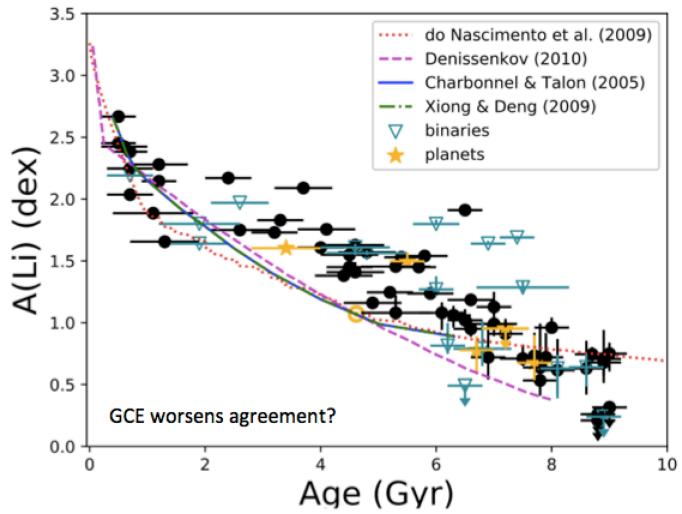


Carbon in the Earth

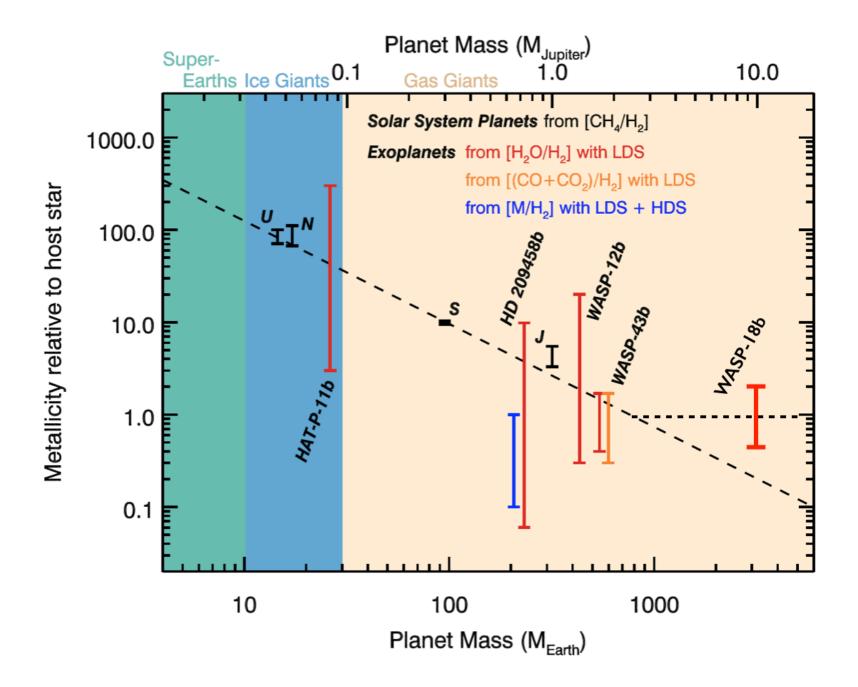




As we add more data and improve the ages, it seems that none of the models reproduce the solar twins



Carlos, Meléndez, Spina et al., in prep.



What to look for in Exoplanets?



