

Stats for Focus and Yih

“[Khemehekis](#) wrote: 2024-07-26T22:21:00+00:00 Thanks for your answer! Maybe you can figure out how close to Focus their ancestral planet is, which will give you an idea of what color their plants would be, which could allow you to create plant species the yinrih can use for food. Fruit, vegetables, carbs, nuts, sweets, spices, herbs, drugs, all that. Ethnobotany and ethnozoo:logy are always near the top of the list when I'm developing a planet for the Leholo Galaxy.

Here are the stats for Focus and Yih that I calculated last year. None of the other bodies at Focus have any hard math behind them. I've kind of moved away from hard math worldbuilding as I've found it's really easy to paint myself into a corner.

Focus:

Mass (solar) 1.02
radius (solar) 1.01
luminosity (solar) 1.07
lifetime (solar) 0.95
temp (solar) 1.01
HZ inner (AU) 0.99
HZ outer (AU) 1.42
HZ width (AU) 0.43
HZ? 1.04
frost line (AU) 5.02

Yih:

distance from Focus (AU) 1.30
orbital period (earth years) 1.47
mass (earth) 0.90
radius (earth) 1.01
surface gravity (gees) 0.88
density (g/cm³) 4.81
escape velocity (m/s) 10557.27
Rotations per orbit 528
Earth hours per rotation 24.38973064

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