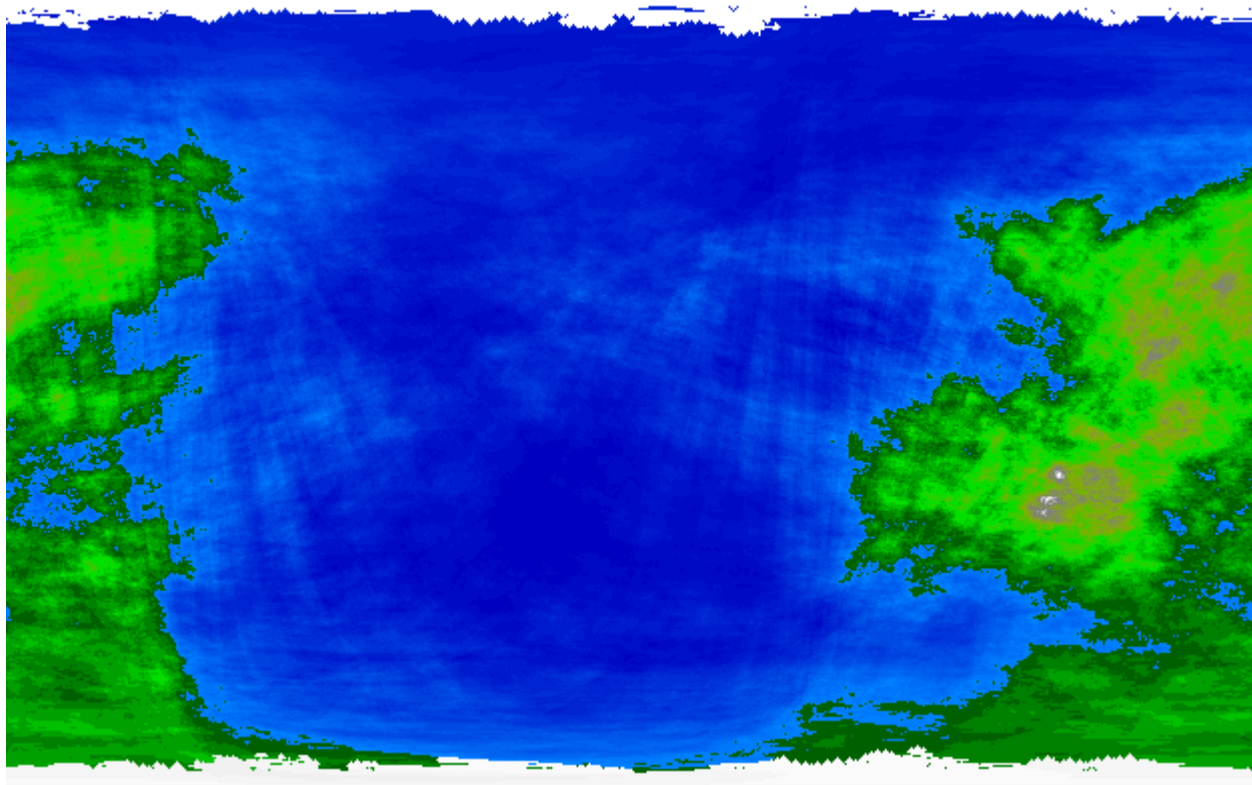


EX-8 II "Crucis"

The second planet from the paired suns in the [Euthalia](#) system, called Crucis, was the secondary option for colonization in the system. The only problem was with the toxic atmosphere, which would make life impossible on the surface without breathers. Thus, after beginning the process of colonizing [Katoikiapon](#), the [Elysian](#) colonization force also started the process of converting the atmosphere on Crucis to something more breathable.



Physics

- Type: Standard iron/silicate
- Radius: 5932.74 km
- Surface Area: $1.106 \times 10^{11} \text{ km}^2$
- Land Area: $3.87 \times 10^{10} \text{ km}^2$
- Mass: $9.68 \times 10^{23} \text{ kg}$
- Density: 11.12 g/cm^3
- Composition: 33.2% iron, 25.9% oxygen, 22.1% titanium, 12.0% silicon, 6.8% other metals, trace other elements

Gravimetry

- Gravity: 9.22 m/s² (.94g)

- Escape Velocity: 7.4 km/s

Rotation

- Period: 33.35 hours
- Axis Tilt: 29.33 °

Hydrosphere

- Water: 88 %
- Ice: 7 %

Atmosphere

- Type: Thin Toxic
- Pressure: 56.77 kPa
- Composition: 55 % Nitrogen, 32 % Carbon Dioxide, 13 % Oxygen, trace other gases

Climate

- Type: Warm
- Min Temp: 267 K (-6.15 °C)
- Avg Temp: 296 K (23 °C)
- Max Temp: 369 K (96 °C)

Biosphere

- Chemistry: Carbon
- Lifeforms: Prokaryotic microbes

Places of the SARPiverse

Place Categories	planet
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