

# Tiig'Riiba

The system in which the [Baroka \(Faction\)](#) reside. This system has 4 major celestial bodies orbiting the star, including one mercurial world, one that is just barely too hot for stage one colonization, an icy world (the Barokan homeworld), and a gas giant. This system is located in primarily unmapped territory.

## Tiig'Riiba

Body	Star
Type	G2 V Yellow Main Sequence
Radius	6.97 x 10 <sup>5</sup> km (1.00 x sol)
Mass	1.65 x 10 <sup>30</sup> kg (0.83 x sol)
Temperature	5700 K
Luminosity	2.96 x 10 <sup>26</sup> W (0.77 x sol)

The sun.

## Lorakaa

Body	Mercurial
Type	Rock Planet
Orbital Radius	1.76 x 10 <sup>8</sup> km (0.26 AU)
Period	5.62 x 10 <sup>3</sup> hours (0.33 earth years)
Gravity	5.95 m/s <sup>2</sup> (0.61 x earth)
Special	Heavy volcanism

A planet situated close to the sun, constantly boiling and melting and reshaping. See: Mercury.

## Torakaa

Body	Semi habitable planet
Type	Terrestrial World
Orbital Radius	0.85 AU
Period	9.29 x 10 <sup>3</sup> hours (1.06 earth years)
Physics	Large iron/silicate
Gravity	15.35 m/s <sup>2</sup> (1.57 x earth)
Hydrosphere	67 % water, 15 % ice
Atmosphere	Thin toxic
Biosphere	Microbes, bryophytes, worms
Special	Large moon

A similar planet to Barokaa. Not habitable, but similar resources and size. It also has a sustained orbit

just too far into the “sweet spot” of the star, so it’s a little too hot for humanlike species.

## Barokaa

Body	Semi habitable planet
Type	Terrestrial World
Orbital Radius	1.22 AU
Period	1.12 earth years)
Physics	Large iron/silicate
Gravity	15.35 m/s <sup>2</sup> (1.57 x earth)
Hydrosphere	53 % water, 89 % ice
Atmosphere	Nitrogen, oxygen
Biosphere	Arctic
Special	Ring of stellar debris orbits

**Barokaa** is ice world that once was quite temperate, but eventually began a decelerated outward spiral from the sun due to the influence of large asteroids and comets affecting its orbit. There isn’t any moon; therefore there are no tidal cycles to be had. Its mineral composition is quite rich in certain minerals, including silica quartz and sand, francium, parylene, and copper. Other minerals are scarce compared to other ice planets. It also has a ring of asteroids with light amounts of tin and iron inside them. There’s plenty of coal and natural oil formed from the decay of the forests of thousands of years ago.

## Sorakaa

Body	Gas Giant
Type	Brown Dwarf
Orbital	Radius 8.57 x 10 <sup>9</sup> km (57.32 AU)
Period	8.73 x 10 <sup>5</sup> hours (99.83 earth years)
Gravity	787.86 m/s <sup>2</sup> (80.56 x earth)
Special	28 small moons, 6 large moons

Gas Giant, filled with all sorts of wondrous and useful gases to mine. No sustained life, and unable to sustain life. It’s about the size of Jupiter.

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<b>Place Categories</b>	star system

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