

# Gryzciki

The star of this system is a blue giant that has an ordbital period of 8 months and rotation of 15 hours and is surrounded by two planets, one that is inhabited. It is named Gryzciki and was held by the [Lorath Matriarchy](#) before it was given to the [Democratic Imperium of Nepleslia](#) in [YE 39](#).

## Star Data

The star of the Gryzciki system is a white blue star. Below are statistics for the star.

- Name: Gryzciki
- Type: Blue Giant
- Mass:  $5 \times 16^{29}$  kg
- Semi-Major axis: 14 AU
- Orbital period: 8 months
- Rotation: 15 hours

## Planetary Data

There are 2 planets in this system. Below is their statistical information.

Planetary Overview					
Order	Name	Type	Distance	Mass	Radius
1	Lemo	Water/ Forest	70 million mi	28 to $10^{13}$ kg	100 million mi
2	Egre	Ice	100 million mi	10 to $10^{13}$ kg	180 million mi

### Lemo

Lemo is a water and forest planet with a populace of 4 million, agricultural hubs, as well as a thousands of cities. It is the planet closest to the sun in this system and has an orbital period of one year.

- Type: Water/ Forest
- Orbital Radius: 60 million km
- Period: 1 year
- Gravity:  $9.1 \text{ m/s}^2$
- Planetary Population: 4 million
- Natural Satellites: Eight moons
- Facilities: Several thousand agricultural hubs as well as above ground cities.

## Egre

Egre is an ice planet with little activity second and furthest from the sun of the system. It has no natural satellites nor facilities and has an orbital period of three years.

- Type: Ice
- Orbital Radius: 100 million km
- Period: 3 year(s)
- Gravity: 20 m/s<sup>2</sup>
- Planetary Population: None
- Natural Satellites: None
- Facilities: None

## OOC Notes

Approved [here](#) by [Wes](#) on June 24, 2017.

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<b>Place Categories</b>	star system
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