

New Roisia

Roisa is the second planet of the [Vonaâsiâi \(Twins\)](#) system. It was settled during [755 CY \(YE 36\)](#).

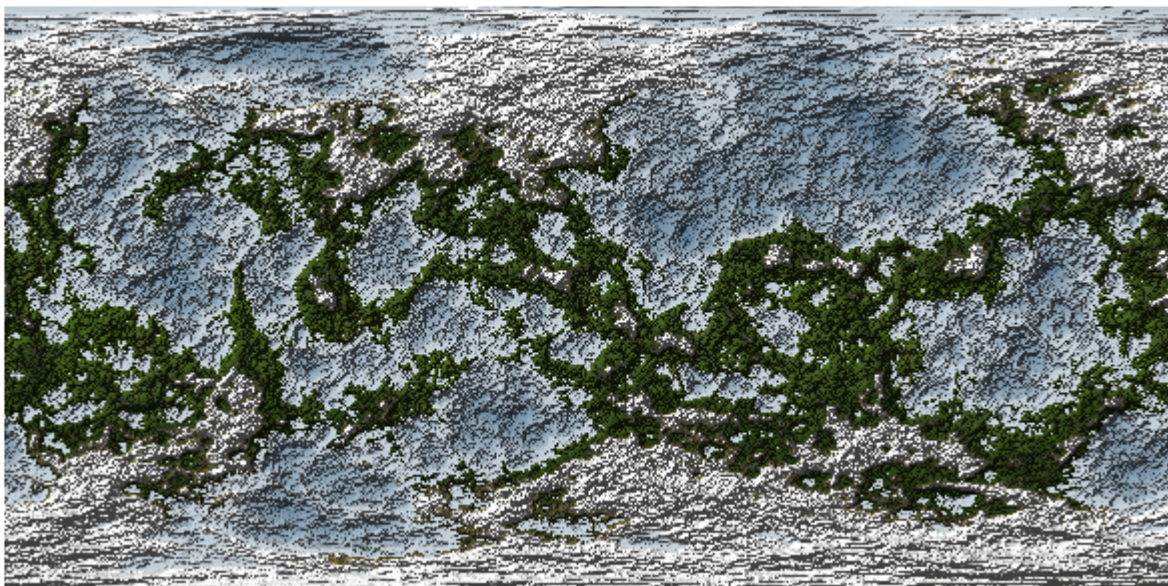
About Roisia

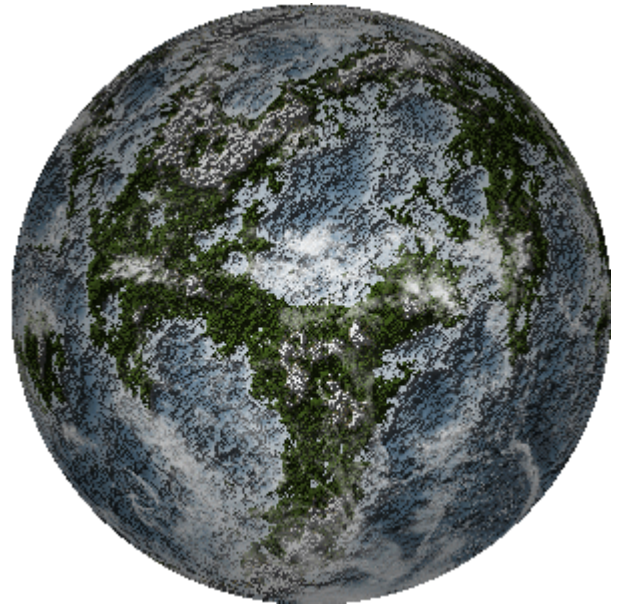
Roisia is a frigid world that most of the surface is frozen water or permafrost. A narrow band along the equator actually reaches temps above freezing. There is very little deviation in the weather due to the slight axial tilt. The only external factor that affects the planet is the interaction of the Primary and Companion stars. There is a single settlement maintained by the [Poku Saeruo Degonjo](#) to gather resources.

Due to the low atmospheric pressure all structures are pressurized to standard. When working outside [Poku'vonai](#) use oxygen-increased respirators to avoid hypoxia. Working in the mountains they must wear pressure suits or space suits.

History

Prior Name: Ganjo 2





Planetary Details

The following are the details about the planet itself. Other links will provide details about life on it.

Physics

- Type: Small ocean
- Radius 1,564.11 km (0.25 x earth)
- Surface Area: $3.07 \times 10^7 \text{ km}^2$
- Land Area: $3.38 \times 10^6 \text{ km}^2$ (0.02 x earth)
- Mass: $9.69 \times 10^{22} \text{ kg}$ (0.02 x earth)
- Density: 6.04 g/cm^3 (1.10 x earth)
- Composition: 35.4% titanium, 23.7% oxygen, 23.1% iron, 12.6% silicon, 5.0% other metals, 0.4% other elements

Gravimetry

- Gravity: 2.63 m/s^2 (0.27 x earth)
- Escape Velocity: 2.87 km/s

Rotation

- Period: 20.11 hours
- Axis Tilt: 1.26°

Hydrosphere

- Water: 90 %
- Ice: 61 %

Atmosphere

- Type: Thin standard
- Pressure: 39.55 kPa (0.39 x earth)
- Composition: 74.1% nitrogen, 25.9% oxygen, trace other gases

Climate

- Type: Very cold
- Min Temp: 206 K (-66 °C, -86.8 °F)
- Avg Temp: 264 K (-8 °C, 17.6 °F)
- Max Temp: 314 K (41 °C, 105.8 °F)

Civilization

- Type: [Poku Saeruo Degonjo](#) Settlement
- Population: 100,000
- Society: [Poku'vonai](#)

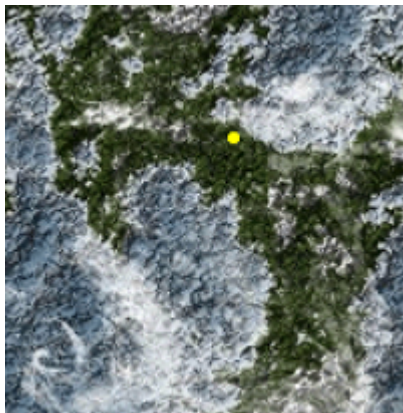
Special

- Features: Advanced alien artifact

Settlements

Settlement Qamis

- A harvest settlement called [Qamis](#), it is located about 20 km from the Frontier Sky harbor. It is near the equator putting in in the warmest region of the planet.



Roisia Frontier Mâhoa'sa Âdor

The [Mâhoa'sa Âdor \(Small Sky Harbor\)](#) serves as a frontier spaceport. It has the following features:

- A [Posyte Mâhoa Âdor \(Sky Harbor Control\)](#) located level with the other facilities.
- 2 [Vamâqi Âdornor \(Flight Berth\)](#)
- A [Sâgely \(Customs\)](#)
- A [Ifânume Mâhoa \(Harbor Security\)](#)
- A [Jopanote Yuvasi \(Systems Maintenance\)](#)
 - A small warehouse that serves as [Navumi Wuny-me \(Cargo Storage\)](#).
- A small [Weâm Vymaor'a \(Traveler Place\)](#)
- A normal [Vonainor \(Passenger\)](#) for each berth
- Residential [Weâmi Uospate \(Living spaces\)](#) with limited transient ones.
- A small [Qylitei \(Niceties\)](#) shop that provides meals, and essentials.

Places of the SARPiverse	
Opened/Settled (YE)	YE 36
Place Categories	planet

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