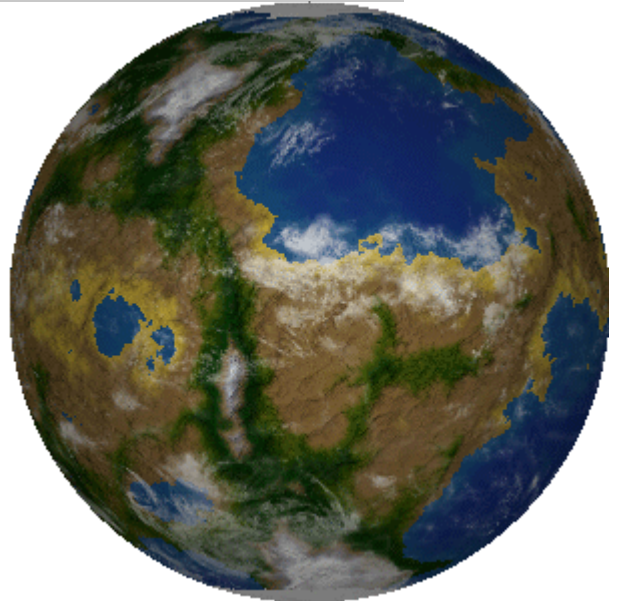
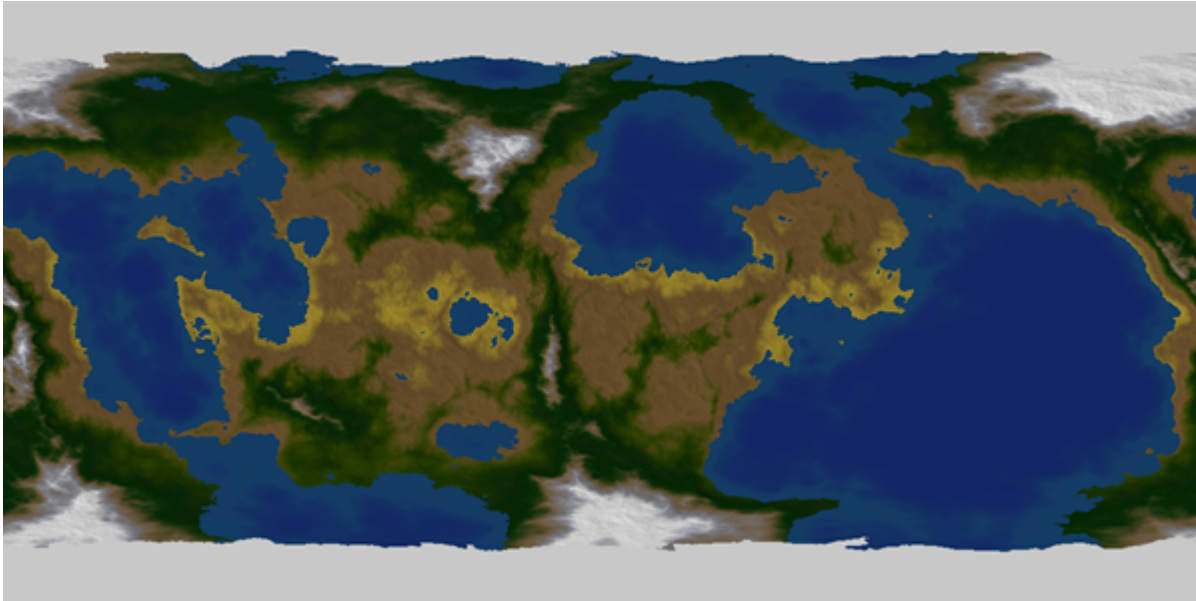


Âtoma (Heart)

Âtoma is a colony of the [Poku Saeruo Degonjo](#).



History

Âtoma was the second of the [Otâgo'iâmai \(New Worlds\)](#) which was colonized, with the Clan settling the planet in [YE 36](#). It is located in the [Âtomatula \(Tula heart\)](#) system.

Planetary Details

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

- [Flora and Fauna of Âtoma](#)

Physics

- Type: Large iron/silicate
- Radius: 8,476.53 km (1.33 x earth)
- Surface Area: $9.03 \times 10^8 \text{ km}^2$
- Land Area: $6.41 \times 10^8 \text{ km}^2$ (4.30 x earth)
- Mass: $1.26 \times 10^{25} \text{ kg}$ (2.10 x earth)
- Density: 4.92 g/cm^3 (0.89 x earth)
- Composition: 32.8% oxygen, 27.8% iron, 27.1% silicon, 11.6% titanium, 0.5% other metals, trace other elements

Gravimetry

- Gravity: 11.61 m/s^2 (1.19 x earth)
- Escape Velocity: 14.03 km/s
- Rotation: 20.41 hours
- Axis Tilt: 28.13 °

Hydrosphere

- Water: 30 %
- Ice: 4 %

Atmosphere

- Type: Standard breathable
- Pressure: 108.02 kPa (1.07 x earth)
- Composition: 81.4% nitrogen, 18.6% oxygen, trace other gases

Climate

- Type: Standard
- Min Temp: 274 K (1 °C)
- Avg Temp: 297 K (24 °C)
- Max Temp: 302 K (29 °C)

Biosphere

- Chemistry: Carbon
- Lifeforms: Prokaryotic microbes

Civilization

- Type: [Poku Saeruo Degonjo](#) Colony
- Population: 750,000
- Society: [Poku'vonai](#)

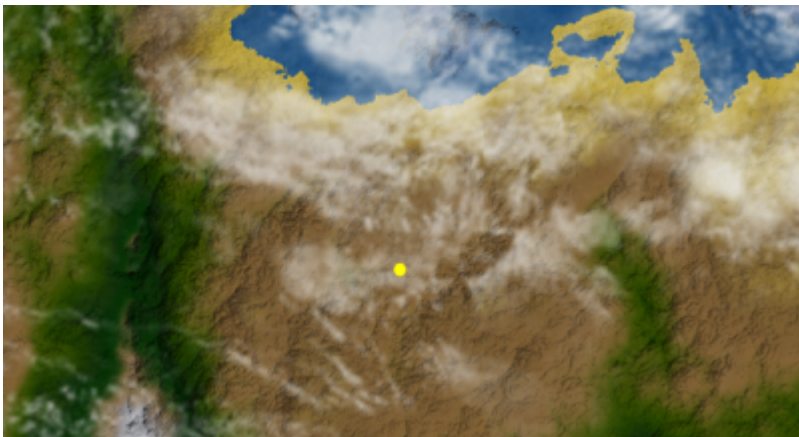
Special

- Features: Electromagnetic storms

Ruins

Located in the frozen mountains of the north satellite images show the ruins of an ancient civilization. While not fully explored the ruins appear to be of pre-interstellar technology.

Settlements



- [Weâmtesa \(Haven\)](#)

Mâhoa Âdor (Sky Harbor)

The [Mâhoa Âdor \(Sky Harbor\)](#) serves as the primary spaceport for the world. It consists of the main section and then has two sections to help manage traffic and passenger flow.

It has the following features:

Entrance and Control

- A [Posyte Mâhoa Âdor \(Sky Harbor Control\)](#) located above with the other facilities.
- A [Sângely \(Customs\)](#)
- A [Ifânume Mâhoa \(Harbor Security\)](#)
- A [Jopanote Yuvasi \(Systems Maintenance\)](#)
 - A group of warehouses serve as [Navumi Wuny-me \(Cargo Storage\)](#).
- A large [Weâm Vymaor'a \(Traveler Place\)](#)
- 2 wide [Vonainor \(Passenger\) Concourses](#) that connect to each [Weâm Vymaor'a Buvo'te \(Traveler Sitting Place\)](#).
- A complex with two [Weâmi Uospate \(Living spaces\)](#) for ship crews and passengers.

(2) Hubs

Each have

- 4 [Vamâqi Âdornor \(Flight Berth\)](#)
- 2 [Vamâqi Bajao \(Repair Berth\)](#)
- 2 [Vamâqi Obekâte \(Service Berth\)](#)
- A [Weâm Vymaor'a Buvo'te \(Traveler Sitting Place\)](#) from which [Vonainor \(Passenger\) Concourse](#) lead to each berth
- A [Qylitei \(Niceties\)](#) shop is located in the [Weâm Vymaor'a Buvo'te \(Traveler Sitting Place\)](#).

Places of the SARPiverse

Place Categories	planet
------------------	--------

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

<https://wiki.stararmy.com/doku.php?id=planet:heart>

Last update: **2024/03/31 20:05**

