

# Planet Kotori

Kotori is the second planet in the [Kotori System](#).



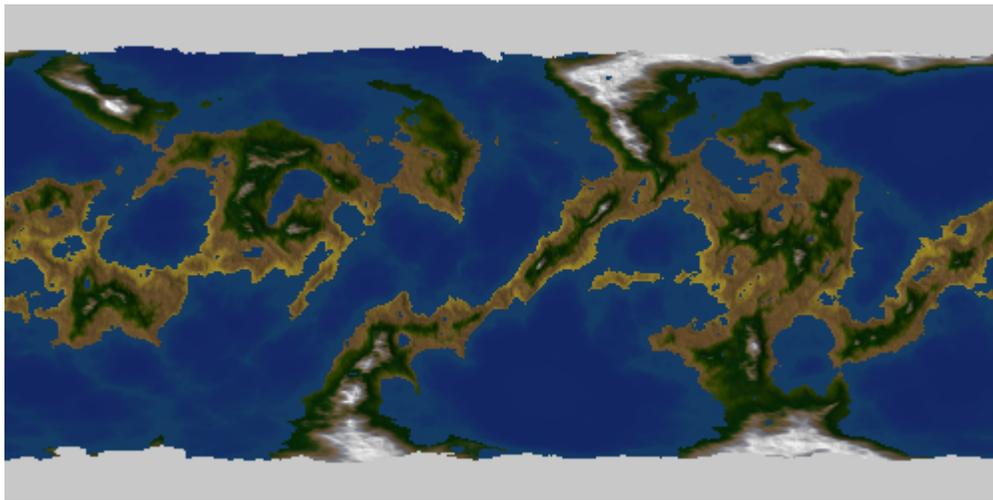
## History

Planet Kotori was originally colonized under the control of the [Fifth Expeditionary Fleet](#). Due to the unique environment the original colonists named it *Goumon torture*. A prison was constructed but not used by the colonists. It was under the [5XF](#) protection until [YE 29](#) when the [Mishhuvurthyar](#) conquered the [Bard Cluster](#). It was then under the control of the [Mishhuvurthyar](#) until their defeat in [YE 30](#). Ironically the prison constructed by the colonists was used by the [Mishhuvurthyar](#) during their occupation.

In [YE 33](#) in recognition of the accomplishments of [Kotori](#), the commander of the [YSS Miharu](#), it was renamed Kotori. In mid [YE 39](#), [Fort Hajime](#) was built on its surface to prepare for and one day, hopefully, combat fully the enemy of the [War with Kuvexia](#).

## Description

A system of planetary thrusters keeps the planet from becoming tidally locked. Note that since Kotori orbits a red dwarf star, the lighting conditions of the planet are reddish and somewhat dim, and that this is a low-gravity world. Consequently, many facilities have enhanced gravity and plentiful lighting systems.



Civilian cargo shipping is primarily provided by [Trinary Star Shipping](#), which has storefronts in all of the planet's major cities.

## Shougakubou

This is the land mass where the colony was established. It was given the name because from orbit it resembled a large sea turtle. There is a large inland ocean that lies between the two settlements. The ocean lies a mile above sea level. The two settlements are 1,600 miles apart by design to help reduce the possibility of a biological outbreak hitting both.



## Genseirin

Genseirin is the primary population on Kotori, it is also home to the planetary starport.

Genseirin means "*primeval forest*" in [Yamataian](#).

More details on [Genseirin](#).

## Itadaki

Itadaki is the second population, it is situated between two mountain tops along the ridge between them.

Itadaki means "*summit*" in [Yamataian](#).

More details on [Itadaki](#)

## Konbu

Konbu is the landmass just north of Shougakubou. The is where the prison was built. Konbu means sea tangle, because when the colonists arrived it looked like a patch of seaweed that the the Shougakubou was after.

## Ouchi Prison

This is the prison complex that was constructed early in the colonies past, it has been upgraded over the years in accordance with [Yamatai Star Empire](#) laws.

Ouchi means "*pit*" in [Yamataian](#).

Details on the [Ouchi Prison](#). The [Ouchi Memorial](#) was created after the [Mishhuvurthyar](#) occupation.

# Communications Network

In [YE 34](#) a network of [EM-03 "Hirakeru" Communication Satellites](#) were put in place allowing the various settlements to have continuous communications.

# Planetary Details

## Physics

Type: Standard iron/silicate Radius: 5108.05 km (0.80 x earth) Surface Area: 3.28 x 10<sup>8</sup> km<sup>2</sup> Land Area: 1.67 x 10<sup>8</sup> km<sup>2</sup> (1.12 x earth) Mass: 2.59 x 10<sup>24</sup> kg (0.43 x earth) Density: 4.65 g/cm<sup>3</sup> (0.84 x earth)

Composition: 38.0% oxygen, 32.5% iron, 26.9% silicon, 1.8% other metals, 0.8% other elements

## Gravimetry

Gravity: 6.60 m/s<sup>2</sup> (0.68 x earth) Escape Velocity: 8.21 km/s

## Rotation

Period: 34.94 hours Axis Tilt: 26.08 °

## Hydrosphere

Water: 50 % Ice: 10 %

## Atmosphere

Type: Standard breathable Pressure: 121.54 kPa (1.20 x earth) Composition: 88.5% argon, 11.5% oxygen, trace other gases

## Climate

Type: Standard Min Temp: 230 K (-42 °C) Avg Temp: 299 K (26 °C) Max Temp: 339 K (66 °C)

## Biosphere

Originally biosphere on Goumon was predominantly plant based, with a number of insects. Life in the sea had a number of marine creatures, and vast kelp and plankton fields.

During the colonization a number of hybrid plants were developed by genetically crossing [Yamataian](#) plants with native ones. Many of these serve as part of the primary food stuff for the colony. When the colony had suitable fields of grain and grasses growing, cattle and other grazing animals were introduced.

## Civilization

Type Colony Population: 6.37 million

## Notes

Features: 4 small moons

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<b>Place Categories</b>	planet

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