

# Cavalon

Cavalon is the designation of both the planet and the system around it. Originally a barren rocky sphere, the planet was terraformed over the last decade by nepleslian colonists and now supports a habitable ecosystem. By [YE 39](#) the planet was effectively under control of the [OSO](#).

## More about the Planet

### [Planet Cavalon](#)

#### General Characteristics

- Gravity: 0.96G
- Atmospheric Pressure: 0.93 atm
- Atmospheric Composition: Nitrogen 76%, Oxygen 22%, Other 2%
- Population: ~550 million
- Satellites: 2 Natural
- Climate: Cool, Dry, and Sandy

## Star Data

The star of the Cavalon system is a type O star. Below are statistics for the star.

- Name: Guine
- Type: F
- Mass: 1.5 stellar masses

## Environment

The enviroment of the planet is mid-terraforming. Though the atmosphere has been made breathable, a functional biosphere has not yet spread to the entire planet. Multiple attempts at building a stable biosphere have been made over the last decade, dotting much of the planet with failed ecosystems that have left behind barren research facilities, deserts, and the remains of the animals created to fill them.

One contentment does have a stable biosphere, and includes lush jungles along with birds, fish, and small mammals. Extensive effort was made to create this biosphere to be resort-like. There are towering jungle trees that all bear fruit, but there are no insects or other 'pests' that are built into the ecosystem, with their functions being taken over by various fungus, plants, and mammals.

In [YE 39](#) a conflict between invasive [Rixxikor](#) colonists, the local population, and the [OSO](#) heavily

damaged this part of the ecosystem. The quick action of [Alex Patton](#) as well as the sale of fire-fighting starships by Nepleslia to OSO would prevent the planet from becoming uninhabitable.

## Key Locations

Cavalon supports one real city, and one containment camp on its only inhabitable landmass.

### Cavalon

Offically, 'The star-kingdom of the planet Cavalon', unofficially just 'The Kingdom' is a constitutional monarchy that originally colonized the planet in order to get away from the problems of Nepleslia. They have been developing the planet for more than a decade, turning a once lifeless rock into a water-filled and nearly-verdant world.

The city itself is a colony ship that stretches for nearly 20KM, and was heavily used during the initial terraforming, though now the ship is largely decomissioned and used as the central hub for the city itself. Additional structures extend outward from the main tower of the ship as well as down into underground service tunnels that are used to irrigate the planet as well as adjust atmospheric composition.

The city itself supports a population of nearly 300 million [humans](#).

Outside of the city itself, much of the planet was turned into a resort world with homes, villas, and resorts, though much of this has been destroyed by the Rixxikor.

### The Alien Antfarm

Constructed by Vier in [YE 39](#), the Alien Antfarm is a large earthen wall that encompass the Rixxikor district on Cavalon. This area contains the disarmed Rixxikor colonists that survived the battle of B7R. In part due to their rapid reproduction, and in part to the AI's aim to avoid casualties, there are lots of Rixx remaining in increasingly cramped conditions.

This area houses nearly 250 million [Rixxikor](#) as of YE 39.

## System History

The modern history for the planet doesn't start until YE 10 when colonists from Nepleslia came to found a settlement. The planet itself had the correct amount of gravity for a comfortable life, however it lacked in atmosphere and water. Over the next three decades the colonists would re-direct comets towards the planet to provide it with life-sustaining water as well as attempt to establish various biospheres which could support life.

In Ye 37 the planet's colonists and a splinter group of aliens would run into one another. To contain the

growth of the colony the aliens would demand that the colony not develop their own star-ships, and would station their own ships in the system. This would result in the colony developing large terrestrial craft, and would mean that when the Rixxikor arrived in early YE 38, they would be largely unprepared to prevent their colony ship from landing.

Later that year, the OSO would arrive on the planet to retrieve an individual wanted by Van Banning. In an attempt to instigate political turmoil and advance her own interests, Van Banning would use a mind control system implanted in [Alex Patton](#) to have him open fire on people in the main city area. This would result in a hasty dash back to a transport piloted by [Flynn Blackburn](#) in the middle of an engagement between Rixxikor and the city's local guard units.

In [YE 39](#) the OSO would return to the planet. A splinter group of aliens wanted to free up its ships to deal with other problems, and pressured the OSO into taking on the problems of Cavalon. The resulting conflict between OSO, the Rixxikor, and the locals would heavily damage the planet's biosphere. Large scale EMP weapons deployed by the [Frontier Service Corporation](#) during the engagement would cripple the city of Cavalon, and lead to much reconstruction work over the rest of the year.

By [YE 40](#) The humanitarian crisis brought on by the conflict had been resolved, and both the City of Cavalon and the Rixxikor Internment Camp had largely been made livable, functional, locations.

## Planetary Data

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

Planetary Overview	
Order	Type
1	SuperHot Rock
2	RegularHot Rock
3	Toxic gas world
4	<a href="#">Cavalon</a>
5	Large Cool & Gassy
6	Massive Cold & Gassy
7	Ice Cold!
8	Actually just Ice
9	Near 0k rock
10	Near 0k rock
11	Near 0k rock

## OOC Notes

Created on 2018/07/14 10:31 by Zack. Approved by [Legix](#) on 2018/07/29 in its [approval submission thread](#).

Places of the SARPiverse	
Place Categories	star system

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