

# Exo-D22

*Exo-D22 is a planet beyond beauty. As the fifth planet from its star, it resides in the habitable zone. With a circumference 208,605, it is the 3rd largest planet in its solar system. Exo-D22 sustains a vast array of biodiversity, which learn to cope with the changing climate of the young planet.*

## *Life on the new planet*

*Exo-D22 is not the only known planet to support life, but the only one currently completely inhabited by flora. Fauna cannot thrive here as the environment is changing, as Exo-D22 is a new planet. The untouched environment displays almost-empty oceans and a fierce but adaptable climate.*

## *Exo-D22's Geography*

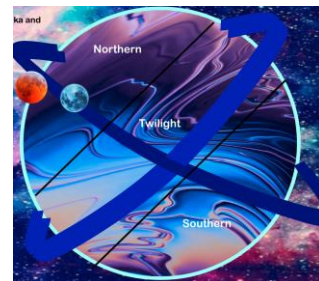
*Exo-D22 features three continents with islands and archipelagos dotted all over the planet. Even though referred to as oceans, the large bodies of water are actually seas (mild difference). Exo-D22 does not have a lowest point, but has a highest. The warm-coloured dormant volcano Inferno Peak has nothing burning up there, contradictory to its name.*

## *The layers of Exo-D22*

*Exo-D22, like Earth, is composed of many layers. The scarred outermost layer is the crust, covered in lush multi-coloured flora. Then comes the mineral border, which is the main layer separating the crust from the core, the core border, then the bright molten core.*

## *Exo-D22's orbit*

*The planet orbits its sun, Alpha Minerva (named after the Roman goddess of war, wisdom and art) approximately every 400 days, with an average orbital speed of 40km per second. On Exo-D22, you can slightly feel the planet spin, which makes it quite disorienting to stay still. Kind of like fainting of boredom. Although the seasons vary from continents, Exo-D22 has about five seasons, each with its own timing. This is because instead of hemispheres, Exo-D22 has trientspheres, the Northern, Southern and Twilight.*



## *Moons*

*Exo-D22 has twelve moons. Each appears in a different season, sometimes more than once. The moons seem to have been shoved into orbit. In fact, the larger planet behind Exo-D22 is the biggest suspect (literally). They are all similar in size to our moon with a radius of*

## *Exo-D22*

*1,743 km in diameter and are ranked the third largest in their solar system. If Exo-D22 was a basketball, the moons would be mini super-balls winking in the sky.*

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