

The Enise FL42-D System

Star Stats

Star name: Enise FL42-D

Star type: G-Type Main Sequence (Yellow-White)

Age: 2.98 billion years old

Mass: 1.3 Solar masses (Sun = 1 Solar mass)

Radius: 1.2 x Sun's radius

Enise FL42-D's Habitable Zone

(The area where planets are neither too hot or too cold for liquid water to be present on the surface)

Inner Edge: 0.26 AU

Outer Edge: 1.4 AU

Width: 1.14 AU

Planet Distance from Enise FL42-D in AU

BOLD planets are within the Habitable Zone.

(Red planets are inside the inner edge and may be molten or simply too hot for liquid water to exist, while Blue planets are outside the outer edge may be frozen or too cold.)

Total Planets: 8

Distance: (For reference, Earth is 1.0 AU)

Tralemm - (0.18 AU)

Ospral - (0.48 AU)

Shreandi - (3.8 AU)

Kerene - (6.25 AU)

Spleen - (9.41 AU)

Eaneren - (12.43 AU)

Hineroma - (13.58 AU)

Sphe - (19.61 AU)

Other Objects:

Proto Planets: 0 ~ Significant Asteroids: 8 ~ Significant Comets: 11

System Facts:

The closest neighbouring star is 9 light years away.

Tralemm

Rocky Planet 1 Tralemm has no moons.

Sky Color: Light brown, peach and intense orange

Moons (0):

Planet Stats

Size: 3.75 x Earth

Radius: 14,845 miles/23,891 km

Gravity: 0.93 x Earth's gravity

Temperature range:

Low: -32°C

High: 32°C

Average surface temperature: 0°C

Water Prevalence: 24%: (0% Surface water / 24% Subterranean)

Earth life: Suitable for Earth-based life.

Planet Motion

Length of Day: 13 hours

Length of Year: 3 Earth years

Seasonal variations: Slight variations: Temperatures vary only slightly based on the position of the planet over the year.

Ospral

Super Earth | Ospral has a decaying orbit.

Sky Color: Gentle blue

Moons (3): Etah | Tede | Tentio

Planet Stats

Size: 1.02 x Earth

Radius: 4,038 miles/6,498 km

Gravity: 1.90 x Earth's gravity

Temperature range:

Low: -17°C/1.4°F

High: 32°C / 89.6°F

Average surface temperature: 8°C / 46.4°F

Water Prevalence: 73%: (34% Surface water / 39% Subterranean)

Earth life: Suitable for Earth-based life.

Planet Motion

Length of Day: 61 hours

Length of Year: 645 Earth days

Seasonal variations: Extreme: The planet's axial tilt results in extremely long-lasting seasons.

Shreandi

Gas giant | Shreandi takes longer to rotate than orbit.

Sky Color: Grey, with bands of blue, sky blue and peach

Large moons (9): (Total Moons: 96)Chrine | Fron | Drust | Poys | Aquolin | Dwean | Colitivi | Eden | Terert

Planetary Ring: Large, highly visible, and made primarily of gas.

Planet Stats

Size: 12 x Earth

Radius: 47,505 miles/76,452 km

Gravity: 2.36 x Earth's gravity

Temperature range:

Low: 364°C

High: 518°C

Average surface temperature: 441°C

Water Prevalence: N/A

Earth life: Unsuitable for Earth-based life (without additional support).

Planet Motion

Length of Day: 65 hours

Length of Year: 540 Earth days

Seasonal variations: Distinct: Multiple distinct seasons with notable temperature differences during the year.

Kerene

Gas Dwarf | Kerene has a very high average temperature.

Sky Color: Gold, silver and crimson

Large moons (12): (Total Moons: 54)Tecar | Honet | Irelas | Roulin | Recor | Idrel | Scibla | Testate | Rorenep | Icho | Tedan |

Elequph

Planetary Ring: Small, near-invisible, and made primarily of gas, dust and ice.

Planet Stats

Size: 14 x Earth

Radius: 55,423 miles/89,194 km

Gravity: 1.39 x Earth's gravity

Temperature range:

Low: 384°C

High: 871°C

Average surface temperature: 628°C

Water Prevalence: N/A

Earth life: Unsuitable for Earth-based life (without additional support).

Planet Motion

Length of Day: 6 hours

Length of Year: 227 Earth days

Seasonal variations: Slight variations: Temperatures vary only slightly based on the position of the planet over the year.

Spleen

Gas giant | Spleen has a retrograde orbit.

Sky Color: Green

Large moons (20): (Total Moons: 96) Tenen | Trerera | Vinel | Lynnl | Vat | Fosher | Iastymon | Lyrnth | Scat | Drin | Kine | Pala |

Escraore | Fistark | Blarld | Gata | Raste | Teli | Treck | Vararimi

Planetary Ring: Large, highly visible, and made primarily of rock, dust and ice.

Planet Stats

Size: 6 x Earth

Radius: 23,753 miles/38,226 km

Gravity: 1.62 x Earth's gravity

Temperature range:

Low: 321°C

High: 444°C

Average surface temperature: 383°C

Water Prevalence: N/A

Earth life: Unsuitable for Earth-based life (without additional support).

Planet Motion

Length of Day: 25 hours

Length of Year: 2 Earth years

Seasonal variations: None: circular orbit means temperature variations are caused by the day/night cycle only.

Eaneren

Ice Giant | Eaneren has a very slow rotational speed.

Name: Whintu BN16526-X

Type: Ice Giant

Sky Color: Swirling blue and olive

Large moons (1): (Total Moons: 19) Maro

5 Planetary Rings: Wide, dense, and made primarily of dust.

Planet Stats

Size: 7 x Earth

Radius: 27,711 miles/44,597 km

Gravity: 0.82 x Earth's gravity

Temperature range:

Low: -221°C

High: -164°C

Average surface temperature: -193°C

Water Prevalence: 13% (Supercritical water)

Earth life: Impossible for Earth-based life: No solid surface. Ultra high pressure. Extreme temperatures; the temperature can reach several thousand degrees the deeper you go.

Planet Motion

Length of Day: 65 hours

Length of Year: 62 Earth years

Seasonal variations: Slight variations: Temperatures vary only slightly based on the position of the planet over the year.

Hineroma

Gas giant | Hineroma has a very slow orbital speed.

Sky Color: Caramel, with bands of brown and silver

Large moons (18): (Total Moons: 82) Plarb | Vate | Pli | Ican | Phoren | Nom | Xint | Prenx | Fio | Henstght | Mon | Binne | Ineda |

Orin | Kon | Maci | Vore | Dwedet

Planetary Ring: Large, faintly visible, and made primarily of gas.

Planet Stats

Size: 15 x Earth

Radius: 59,381 miles/95,565 km

Gravity: 0.94 x Earth's gravity

Temperature range:

Low: 147°C

High: 704°C

Average surface temperature: 426°C

Water Prevalence: N/A

Earth life: Unsuitable for Earth-based life (without additional support).

Planet Motion

Length of Day: 18 hours

Length of Year: 331 Earth days

Seasonal variations: None: circular orbit means temperature variations are caused by the day/night cycle only.

Sphe

Failed Star 1 Sphe does not rotate.

Sky Color: None

Moons (1): Hererop

Planetary Ring: Small, faintly visible, and made primarily of ice and rock.

Planet Stats

Size: 0.61 x Earth

Radius: 2,415 miles/3,886 km

Gravity: 1.28 x Earth's gravity

Temperature range:

Low: -188°C

High: -142°C

Average surface temperature: -165°C

Water Prevalence: 3% (Deep subterranean liquid water)

Earth life: Unsuitable for Earth-based life.

Hinohampton

Type of settlement: City

Size of settlement: Moderate

Notable areas: A canal network, a farm on the outskirts, a brewer, a tavern, a castle with dungeon, and a famous specialty shop.

Local Districts

Northern districts: Ter, Smallmont, Inouyl, and Smallpoints

Eastern districts: Blackburngh, Mykuning, Adininta, and Sishethcott

Southern districts: North, Emer, Trom Town, and Fran

Western districts: Froswich, Herederonia, Deteted, and Sphecori Square

Central districts: Ounoun, Star Bridge, and Ithholm

Financial status: Comfortable

Local Government: Competent

Growth/development: Growing

Public services: Available

Crime rate: 0%

Cost of living: Very cheap

Employment prospects: Great

Appearance

Overall appearance: Notable

Urban area: 25%

General construction level: Well-built

General level of upkeep: Well kept

General street condition: Often cleaned

People

Population: Disproportionately large

Level of contentment: Happy

Racial diversity: Multicultural

Attitudes towards visitors: Welcoming

Regional accent: Distinctive

Crimes

Serious Crimes: (Very illegal) Resisting arrest, Slander, Slavery, Animal cruelty, Murder, Indecent exposure, Burglary, Organized crime, Child abuse, Torture, Blackmail, Burglary, Manslaughter, Trespassing, Robbery, Arson, Domestic abuse, Drug abuse, Sexual harassment, Verbal abuse

Frequently Problematic: (Actively trying to stop) Bribery, Vandalism, Libel

Punishments for criminals include:

- Admission to a mental facility
- A small fine
- Flogging

Taboos and Social

Socially Accepted Behaviours: - Asking for help, Smoking in public, Public protesting, Witchcraft, Atheism

Major Taboos: Discrimination, Prejudice, Adultery

Minor Taboos: Alcohol consumption in public places like a park, Public drunkenness

Punishments for breaking Major taboos include: Shunning

Punishments for breaking Minor taboos include: Scolding

3 types of coin:

Name/(Material):

Fin (Copper) |

Scanede (Silver) |

Thoun (Gold)

(1) Fin

(1) Scanede = (15) Fins

(1) Thoun = (26) Scanedes or (390) Fins

For Reference

A loaf of bread that costs \$1 IRL: (1) Fin=====

PEASANT EXPENSES (MONTHLY) Food and provisions: (90) Fin / (6) Scanede.

Rent and/or taxes: (29) Scanede / (1.10) Thoun.

Misc: (300) Fin / (20) Scanede.

Total: (55) Scanede / (2.10) Thoun.

INCOME (MONTHLY) A peasant farmer's earnings: (136) Scanede / (5.24) Thoun.

An average citizen's earnings: (244) Scanede / (9.37) Thoun.

PROPERTY A house; cramped but adequate: (19,680) Fin / (1,312) Scanede.

A house; average for a peasant: (5,904) Scanede / (227.08) Thoun.

A "cheap" luxury house/mansion: (380,808) Fin / (25,387) Scanede.

ADVENTURING/MISCA room and meal at an inn: (52) Fin / (3) Scanede.

A basic horse and its trappings: (349) Scanede / (13.41) Thoun.

A week's travelling provisions: (240) Fin / (16) Scanede.

The Hial

The majestic, subterranean Hial are renowned for their vocal style, sporting achievements, furniture style, and historical

figures.

Dimorphic Stats

Averages:-	Male	Female
Height	6'8"	6'11"
Weight	243 lbs	202 lbs
Lifespan	106 years	112 years
Physical Maturity	16 years	24 years
Mental Maturity	37 years	19 years
Average no. of kids	12	
Population size	Innumerable	

Their common skin colour variations can be seen in the palette below. Significant variations in colour normally occur due to intermarriage with different ethnic backgrounds. They usually have a square face, a large nose, large, meaningful eyes, large lips, and large ears. They have coarse, unruly, curly hair. Spirituality plays a major role in shaping their society. Historically, their people made many early astronomical observations. They share a common history with another race. They reluctantly form military pacts with others.

The Kyneer

Residing in a network of underground caverns, the Kyneer are renowned for their distinctive clothing style, lifestyle, handicrafts, and traditional healing practices.

Dimorphic Stats

Averages:-	Male	Female
Height	5'6"	5'5"
Weight	197 lbs	117 lbs
Lifespan	82 years	80 years
Physical Maturity	14 years	20 years
Mental Maturity	24 years	24 years
Average no. of kids	11	
Population size	Excessive	

Their common skin colour variations can be seen in the palette below. Significant variations in colour normally occur due to sun exposure levels. They have an angular face, a turned-up nose, large, distrustful eyes, small lips, and small ears. They have

delicate, straight hair. Patriotism plays a major role in shaping their society. Originally a race of hunter-gatherers, they now demonstrate a deep understanding of animal behavior, and are adept at soil management. They were formerly colonized by another race; their present relationship is strained. They frequently have disputes over borders and territory, causing tension between them and their neighbours.

The Stit

Appearance

A large, unique, bipedal reptile with a domed head, no eyes, elephantine ears, no nose, and a pointed snout.

It has a serpentine neck, its shoulders are rounded, and it has four long, bony arms. It has a muscular torso. It also has four very large powerful wings. It has two long muscular legs that end in three backward-facing hooks and no tail.

The Stit's head, neck and legs are covered in thin scales, while the rest of its body is covered in smooth feathers. It has the markings of a gazelle in cream, dark purple and light gray.

Stit Stats

Average Height: 5 feet / 1.5 meters

Average Lifespan: 7 years

Maturity: 3 years

Breeding age: 2 years

No. of young: 8 every year

Population: Moderate

Temperament: Docile

Diet: Other Stit

Family life The Stit finds a new partner whenever it's ready to mate.

The young Stit males normally leave their families and live alone when they are mature.

General- They cannot swim.

- They communicate using bellows and grunts.

- Males are particularly aggressive.

The Otri

Appearance

A large, familiar, hexapedal creature with a snake head, no nose, and a canine muzzle.

It has a human neck, and its shoulders are pronounced. It has a shark torso. It has two very long, rat forelegs and four short,

feline hind legs and no tail.

The Otri's whole body is covered in patchy fur. It has the markings of a zebra in yellow-green and grey.

Otri Stats

Average Height: 6 feet / 1.8 meters

Average Lifespan: 104 years

Maturity: 20 years

Breeding age: 21 years

No. of young: 1 egg every 13 years

Population: Almost extinct

Temperament: Unpredictable

Diet: Other Otri, and Grubs

Family life Whenever it's ready to mate, the Otri finds as many new partners as it can.

The young Otri females normally leave their families and live alone when they are mature.

General- Their sense of touch is very weak.

- They can run at 53 mph / 85.3 kph without tiring for up to 25 minutes.
- They are very slow to adapt to environmental changes.
- They use scents to communicate.
- They have a very distinctive smell.

The Dera

Appearance

A colossal, unique, bipedal creature with a knobby head covered with tendrils, two dark gray compound eyes, no visible ears, an angular nose, and a long proboscis.

It has a giraffe-like neck, and it has two stubby, large arms. It has a wide chest, and a concave stomach. It also has four elongated useless wings. It has two medium-length heavy legs that end in three-toed feet and a weak tail.

The Dera's head, neck, shoulders and arms are covered in tendrils, while the rest of its body is covered in soft skin. It is completely pastel green with blue-grey spirals.

Dera Stats

Average Height: 105 feet / 32.0 meters

Average Lifespan: 6 years

Maturity: 2 years

Breeding age: 1 year

No. of young: 7 eggs every 4 months

Population: Limited

Temperament: Curious

Diet: Vegetation, and Insect larvae

Family life The males's appearance changes significantly when they are ready to breed.

The young Dera males normally leave their families and live alone when they are mature.

General- They can see infra-red light.

- They are excellent climbers.
- They can easily adapt to environmental changes.
- They communicate using bellows.
- They can spray a foul smelling fluid to deter enemies.
- When highly stressed, they can collapse and die easily.

The Hula

Appearance

A tiny, unique, legless aquatic creature with an elongated head, two beady pale pink eyes, no external ears, no visible nose, and a long jaw filled with serrated teeth.

It has a giraffe-like neck, and it has two medium-length, powerful arms. It has a segmented torso with a large stomach, a wasp waist and a elongated snake lower body.

The Hula's body is covered in thin scales. It is pale green, grey, light yellow, white and mahogany.

Hula Stats

Average Height: 8 inches / 20 cm

Average Lifespan: 3 months

Maturity: 65 days

Breeding age: 23 days

No. of young: 380 eggs every 2 weeks

Population: Limited

Temperament: Nonchalant

Diet: Leaves, and Honey

Family life The Hula is highly promiscuous.

They have complicated mating displays.

The Hula family group is big and is led by the grandfather. Child rearing is entirely handled by the grandfather.

General- They can regenerate severed limbs.

- They have an affinity for shiny objects.

The Vicit

Appearance

A large, unique, tauric reptile with a wedge shaped head, two wide tan eyes, large ears, a droopy nose, and a short snout. It has a long neck, and it has six long, heavy arms. It has a muscular chest, and a long, flat lower body. It has large forelegs and thick back legs and a slender tail.

The Vicit's head is covered in tiny feathers, while the rest of its body is covered in armour plating. It has the markings of an okapi in light gray, ochre and forest green.

Vicit Stats

Average Height: 6 feet / 1.8 meters

Average Lifespan: 2 years

Maturity: 1 year

Breeding age: 13 months

No. of young: 10 eggs every 6 months

Population: Plentiful

Temperament: Aggressive

Diet: Amphibians, and Micro-organisms

Family life Whenever it's ready to mate, the Vicit finds as many new partners as it can.

The young Vicit males normally leave their families and live alone when they are mature.

General- They have very poor hearing.

- They are incredibly flexible.

- They can drink up to 29 litres of water at a time.

- They are notoriously lazy.

The Ten Horseshoes

- Has been in business for 107 years.

- Is currently run by an untrustworthy woman named Alejandra Howlett.

- Sells excellent food and drinks at a reasonable price.

- Offers neat, tidy rooms with clean beds.

-
- It is on the east side of town
 - It looks like a typical tavern.
 - It is crammed every night.
 - The patrons inside are almost silent, look scruffy, and welcome newcomers.
-

The Princess of the Void

-
- Has been in business for 27 years.
 - Is currently run by a welcoming old man named Erorine Goodwin.
 - Sells good quality food and drinks.
 - Offers warm, comfortable rooms with excellent beds.
-

- It's located in the north of town.
 - It looks like a typical tavern.
 - The common room is very basic.
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The General of Cat

-
- Has been in business for 10 years.
 - Is currently run by a man called Sqt.
 - Sells decent, home-cooked meals.
 - Offers comfy rooms with comfy beds.
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- In the south of the city
 - It looks like a typical tavern.
 - It is known for attracting a certain crowd.
 - The patrons inside are neither loud nor quiet, look messy, and seem friendly.
 - The serving staff will not hesitate to throw out troublesome patrons.
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The Ladys Folly Public House

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- Has been in business for just a few months.
 - Is currently run by an old man called Herb McConnell.
 - Sells good food and drinks.
 - Offers clean rooms with comfortable beds.

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- It's located near a watchtower on the east side.
 - The patrons inside are not too loud, look odd, and ignore newcomers.
 - A poet likes to perform there.
 - The toilets are cleaned often.
-

Porter & Siren

-
- Has been in business for just a few months.
 - Is currently run by an old woman called
 - Sells good quality home-cooked meals.
 - Offers luxurious rooms with nice beds.
 - Only one of its kind.
 - Takes great care of guests.
 - Home-ish feel
 - Decorated beautifully
-

- It is in center of the city and often favored by most.
 - It doesn't stand out much among the other buildings.
 - Two separate buildings with two halls connecting them, one for drunk people and the other for sober people.
 - The common room has plenty of tables and seats.
 - The patrons inside speak in hushed tones, look unremarkable, and seem suspicious.
-

Cooley Accessories

A modestly-sized company producing bad quality goods/services for economic prices.
With an esteemed reputation, a regional presence, and passable ethics, they maintain good customer relations.

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Forty One Gram

A moderately-sized offering good quality goods/services for moderate prices.
Publicly owned, with a well-known presence, decent ethics, and a respectable reputation, they treat their employees poorly, and have an eco-conscious approach to environmentalism.

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JJ Edmonds's

A large offering terrible quality goods/services for affordable prices.

Publicly owned, with dubious ethics, and an ubiquitous presence, they treat their employees respectfully.

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Simon's

A small company producing high quality goods/services for moderate prices.

Publicly owned, with a worldwide presence, and an esteemed reputation, they treat their employees neglectfully, and maintain excellent customer relations.

=====

Uracle

A large offering outstanding quality goods/services for premium prices.

With an universal presence, they treat their employees poorly, and have a eco-friendly approach to environmentalism.

=====

Hunt and His

A large, staggeringly wealthy company producing great quality goods/services for affordable prices.

With a regional presence, they treat their employees indifferently, have a eco-conscious approach to environmentalism, and maintain good customer relations.

=====

Ikreten and Skinsl

A modestly-sized offering great quality goods/services for extravagant prices.

With saintly ethics, and an universal presence, they treat their employees well, have a neutral approach to environmentalism, and maintain abysmal customer relations.

=====

TS Guzman's

A large, massively wealthy company producing moderate quality goods/services for premium prices.

Publicly owned, with decent ethics, a respectable reputation, and a niche presence, they have a unsustainable approach to environmentalism, treat their employees neglectfully, and maintain decent customer relations.

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Mcgrath Security

A moderately-sized company producing moderate quality goods/services for premium prices.

With a worldwide presence, and decent ethics, they maintain good customer relations.

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Hypolaxiproxotecan

A lethal poison.

It is an inorganic compound derived from a special element. It requires complex equipment and techniques to synthesize. An antidote is only useful if used very early on.

It can be concentrated into a pink, mild-smelling, tasteless powder within other substances.

After touching contaminated surfaces, it only takes tiny amounts to be effective.

It steadily causes irreversible damage that kills slowly.

It mainly damages the blood, weakens the sensory organs, and targets the muscles.

Additional effects include clammy skin, unbearable nausea, and later, constipation. The symptoms of this poison can be mistaken for the symptoms of ingesting an entirely different substance, making diagnosis difficult.

Metagrastim

A non-lethal poison.

It is a drug derived from the sap of a common plant. An antidote is only useful if used very early on.

It can be concentrated into a turquoise, weak-smelling, tasteless liquid within other substances.

It can be mistaken for another substance entirely and ingested; it takes moderate amounts to be effective.

It goes unnoticed until it passes a dose threshold; severe damage follows.

It mainly damages the muscles.

Additional effects include vomiting, and slight rectal pain.

Cotaceda Levomine

A lethal poison.

It is a drug derived from a common type of algae.

It can be concentrated into a brown, odourless, tart powder within other substances.

If particles are breathed in, it takes large amounts to be effective.

It causes an increasing series of problems, then death.

It mainly mutates the functions of the brain, destroys the brain, and damages the cardiovascular system and causes irregular behaviour.

Additional effects include temporary blindness, vomiting followed by slight rashes.

Metharacota Hydrolic acid

Medical Uses: cure everything

Availability: Exclusive

Cost: Extremely expensive

Recreational Type: No recreational uses

Anticide

Medical Uses: is anti-inflammatory, and relieves pain

Availability: Very common

Cost: Practically free

Recreational Type: No recreational uses

Cytodextroge Proxodeine

Medical Uses: regulates hormone levels, induces blood clotting, and suppresses abnormal immune system activity

Availability: Easy to make

Cost: Cheap

Recreational Type: stimulant

Street names: Moon Rocks, Coverage, and Peace

Effects: Increases alertness

Side Effects: Increased breathing rate, erratic behavior, and nosebleeds

Plants

#1 - Climbing plant type: Bine (Grows upwards by winding itself around other objects and plants.)

This big bine is a steady-growing plant, with the largest known specimen reaching a length of 288 feet (87.8 meters) and growing as high as 137 feet (41.8 meters). It prefers to grow on rock formations.

It takes 9 months for the gold and vibrant yellow stems to mature, by which point they have tangled themselves into thick mats with a diameter of 4 inches (10 cm) and are rough and gnarled.

The pleated, waxy leaves reach up to 1.1 feet (33 cm) in length. They are caramel and sky blue, and have ripped edges.

During late spring, the bine produces lots of average yellow flowers.

Shrub Facts

1 - It can grow in even the most barren lands.

2 - It absorbs an exceptionally large amount of water each day.

3 - It is suitable for creating fine, soft textiles

4 - It comes in 68 varieties.

#2 - Climbing plant type: Vine (Grows upwards by clinging to almost any surface.)

This average-sized vine is a steady-growing plant, with the largest known specimen reaching a length of 46 feet (14.0 meters) and growing as high as 137 feet (41.8 meters).

It takes 3 years for the orange-yellow stems to mature, by which point they have often fused together into ropes with a diameter of 3 inches (8 cm) and are rough and prickly.

The fan-like, covered in fine hairs leaves reach up to 11 inches (28 cm) in length. They are found in dull green, hazel and lilac

varieties, and have jagged edges.

Shrub Facts

1 - It is bio-luminescent.

2 - It's highly drought-tolerant.

3 - It is suitable for creating flexible, durable textiles

#3 - Moss type: Moss

This emerald moss is commonly found growing in large clumps in rainforests, and in rainy mountain ranges.

It is small, growing up to 1 inch (3 cm) tall. It forms in thin clumps and can overwhelm an area rapidly, and is overwhelmingly resistant.

When mature, emerald shield-shaped capsules grow at the end of short, lime green sporophytes, eventually opening up during the early autumn to release millions of spores.

Shrub Facts

1 - It shimmers under moonlight.

2 - Array

3 - It is extremely resistant to fire damage.

#4 - Flower type: Biennial (Grows upwards by clinging to almost any surface.)

This huge flower grows up to 15.3 feet (4.6 meters) tall.

Its bronze stems grow in bunches of 7 and are thin with a curved tip, and the giant, green leaves are circular with jagged edges. The leaves alternate on the stem from about halfway up, up to the flower head.

A single medium-sized flower sits at the end of each stem. The flowers are 147 cm (57.9 inches) wide, with petals that are generally amber; each flower tends to be a variation of this colour. The flower head is made up of handfuls of petals in raised layers. They are sturdy.

It has a fairly strong scent that smells like rainy days, and it has very little pollen, but can cause severe allergic reactions. It is pollinated by the wind and is ignored by most insect species.

Shrub Facts

1 - It draws nitrogen from the air, improving soil fertility.

2 - Array

3 - It has an arching growth habit.

4 - It can thrive in both sun and shade.

5 - Its presence is believed to bring good luck to those nearby.

#5 - Moss type: Moss

This yellow-green moss is commonly found growing in small clumps in rainy mountain ranges.

It is small, growing up to 2 inches (5 cm) tall. It forms in thick clumps and can spread and grow quickly, and is overwhelmingly flimsy; it takes a lot of damage when trodden on.

When mature, emerald heart-shaped capsules grow at the end of elongated, lime green sporophytes, eventually opening up during the early autumn to release thousands of spores.

Shrub Facts

- 1 - Array
- 2 - The stems are covered in fine hairs, giving them a fuzzy appearance.
- 3 - It is said to be able to live for hundreds of years.
- 4 - It is possible to grow it from cuttings.
- 5 - It has impressive regenerative properties.

#6 - Succulent type: Caudiciform (Stores water in the thickened base of its stem)

This large caudiciform grows up to 85 feet (25.9 meters) tall. The wide stem is gray, and is covered in brittle white spines. It has a straight, very thick, white trunk atop a narrow tripod of knobbly, exposed roots. The branches are thin and yellow-green and trail down across the ground.

The rounded-edged, thick leaves are solid brown or blood red, with faded yellow edges. They are frail, but take some effort to detach.

It is very fast growing, taking 3 months to reach maturity. Once mature, several flowers with solid turquoise petals decorated with vivid orange dots and a washed-out purple central disk grow at the top, reappearing every year. The flower head is shaped like a star with 41 raised, narrow petals. It has a scent that varies in strength that smells like coffee.

The caudiciform's skin is rock-hard, the violet flesh is leathery, and the crimson sap is thin.

Shrub Facts

- 1 - It coexists peacefully with other plants.
- 2 - Its flowers symbolize good fortune in certain cultures.
- 3 - The leaves are slightly translucent.
- 4 - Array
- 5 - The leaves are very toxic, and very sweet.
- 6 - It has a natural resistance to frost.

#7 - Moss type: Moss

This emerald moss is commonly found blanketing medium-sized areas in moorlands, and in damp forests.

It is small, growing up to 1 inch (3 cm) tall. It forms in thin clumps, and is very robust; it is very difficult to kill.

When mature, emerald circular capsules grow at the end of elongated, lime green sporophytes, eventually opening up during the late autumn to release dozens of spores.

Shrub Facts

- 1 - The petals have an iridescent sheen.
- 2 - It has a natural resistance to common plant diseases, making it easy to maintain.
- 3 - It is suitable for creating fine, soft textiles

#8 - Moss type: Moss

This gold or red moss is commonly found growing in tiny clumps in bogs, in moorlands, and on rotten logs.

It is large, growing up to 6 inches (15 cm) tall. It forms in thin clumps that are exceptionally hardy, and is very delicate; it struggles more than most during dry spells.

When mature, emerald circular capsules grow at the end of short, lime green sporophytes, eventually opening up during the early autumn to release millions of spores; it does not cause many allergic reactions.

Shrub Facts

1 - It produces small, intricate seed pods that remain after blooming.

2 - It is suitable for creating flexible, durable textiles

#9 - Tree type: Deciduous (Stores water in the thickened base of its stem)

This small tree grows up to 3 meters (9.8 feet) tall and lives for centuries, with the oldest known specimen being around 456 years old. It is very resistant to destructive insect infestation but susceptible to disease.

It has a branched, angular trunk covered in paper-thin, rough, light brown bark, and inside, the medium-dense wood is gray.

The sparse patches of branches are short stubs and are covered with sparse amounts of rough, large, thin leaves with tattered edges. The leaves themselves are generally brown.

In early spring, it produces balls of medium-sized, violet blossoms with 2 pointed petals with a tube-like floral cup. They detach easily and have an overpowering scent that smells like fresh linen.

In late summer it forms small, olive berries.

The roots form a tightly packed ball, and overall the tree is rigid and weak, and breaks apart easily.

Forests of this species feature well-spaced trees, with patches of undergrowth between them.

Shrub Facts

1 - The leaves have a subtle pattern of lighter and darker shades.

2 - It can grow in a wide range of soil types.

3 - It purifies local water sources.

4 - Its leaves are said to whisper in the wind.

5 - It is suitable for use as a construction material

#10 - Succulent type: Leaf succulent (Stores water in its leaves)

This small leaf succulent grows up to 12 feet (3.7 meters) tall. The very thin stem is gold and vibrant yellow, and is covered in brittle hazel spines. The tattered-edged, long, narrow leaves are olive on the edges and blood red at the center. Sparse amounts of them grow from the base like blades of grass. The leaves are rigid, but are very difficult to pull away.

It is slow growing, taking 50 years to reach maturity. Once mature, a handful of flowers, with alternating petals of brown and bronze, with a gold central disk, grow at the top, reappearing every year. The flower head is made up of 59 petals; the lower layer of petals are flat, while the upper layers form a tight cup. It has a soft scent that smells like fresh linen.

The leaf succulent's skin is thin, the fluorescent red flesh is leathery, and the cream sap is thin.

Shrub Facts

- 1 - It actively smothers and kills off other plants.
- 2 - Its flowers are said to never wilt, even after being picked.
- 3 - It produces flowers that emit a soft, ambient glow at night.
- 4 - It is suitable for making baskets and the like

#11 - Flower type: Biennial (Stores water in its leaves)

This small flower grows up to 1 inch (3 cm) tall.

Its green stem is thick, and the giant, gold or red leaves are pleated with serrated edges. Many leaves grow at the base of the stem, and a pair of leaves grow at the base of the flower head.

Each stem splits 3 to 6 times; a single giant flower grows at the end of each split. The flowers are 5 cm (2.0 inches) wide, with each petal a slightly different shade of green. The flower head is made up of handfuls of petals in raised layers. They detach easily.

It has an overpowering scent that smells like rainy days, and it has an average amount of pollen. It is a self-pollinator.

Shrub Facts

- 1 - It is suitable for making strong rope
- 2 - It only grows on the most fertile lands.
- 3 - It is difficult to kill and will quickly regrow if it is cut.
- 4 - It develops a cascading growth habit, suitable for hanging baskets.

#12 - Grass type: Annual (Stores water in its leaves)

This small, brown grass grows up to 1 foot (30.5 cm) tall. The wispy stalks grow in large clumps that are flimsy.

When mature, the end of the stem eventually transforms into a small, brown flower.

During the early autumn, it produces very little pollen; it can cause severe allergic reactions, and after flowering, it is left with a handful of small grains.

Shrub Facts

- 1 - It usually houses a colony of beneficial insects.
- 2 - Its scent has a calming effect on animals.
- 3 - It is suitable for making paper
- 4 - The leaves are resilient and maintain their appearance in harsh conditions.

#13 - Moss type: Moss

This green moss is commonly found growing in medium-sized clumps in marshes.

It is small, growing up to 2 inches (5 cm) tall. It forms in sparse patches, and is slightly light.

When mature, emerald triangular capsules grow at the end of short, lime green sporophytes, eventually opening up during the late summer to release millions of spores.

Shrub Facts

- 1 - It is extremely pest resistant

2 - It has a naturally bushy growth habit.

3 - It is suitable for creating strong, durable textiles

#14 - Shrub type: Deciduous (Stores water in its leaves)

This small shrub grows up to 1 foot (30.5 cm) tall and lives for decades, with the oldest known specimen being around 114 years old. It is not very resistant to disease and destructive insect infestation.

It has several knobbly, straight stems covered in thin, ridged, dark brown bark, and the wood inside is black.

The branches are short, rigid and upright with thousands of twigs that are covered with thick bunches of huge, slender, pointed, leaves with serrated edges. The leaves themselves are olive on the edges and blood red at the center, frail and clammy.

In late summer it produces several large, magenta blossoms with 7 triangular shaped petals. They are hardy and have an overpowering scent that smells like fresh linen.

In early winter small wide fruits ripen.

The fuzzy gold skin is thick and inedible, and the soft white flesh is sweet and very dry. The blood red seed is very large and sits at the end of the fruit.

Shrub Facts

1 - It is suitable for creating tough, hard-wearing textiles

2 - It's believed to have been a favourite of ancient monarchs, who valued its aesthetic appeal.

3 - The leaves have intricate veining patterns.

4 - Its flowers have a distinct, sweet fragrance.

#15 - Climbing plant type: Vine (Grows upwards by clinging to almost any surface.)

This large vine is a steady-growing plant, with the largest known specimen reaching a length of 314 feet (95.7 meters) and growing as high as 94 feet (28.7 meters).

It takes 3 years for the orange stems to mature, by which point they have tangled themselves into thick mats with a diameter of 1.7 feet (51 cm) and are rough and woody.

The finger-like, sticky leaves reach up to 1.2 feet (36 cm) in length. They are solid brown or blood red, with faded yellow edges, and have ripped edges.

During late spring, the vine produces a thick sheet of tiny sky blue flowers, and during the early autumn, after flowering, it produces lots of large fruits.

Shrub Facts

1 - It has a spiralling growth pattern.

2 - It's often found in places thought to be enchanted.

3 - I can survive solely on water extracted from the air.

4 - It is capable of growing in nutrient-poor soil, and steadily improves it

5 - It is suitable for creating fine, soft textiles

#16 - Fruit Tree type: Deciduous (Grows upwards by clinging to almost any surface.)

This small fruit tree grows up to 8 feet (2.4 meters) tall and lives for up to 15 years, with the oldest known specimen being

around 27 years old. It is susceptible to disease and destructive insect infestation.

It has a slender, angular trunk covered in fine, waxy, mahogany-coloured bark, and inside, the very hard wood is white.

The branches are short, thin and wispy and are covered with handfuls of huge, very thick leaves with toothed edges. The leaves themselves are florescent red and dark blue.

In early spring, it produces handfuls of large, beige blossoms with 7 triangular shaped petals. They fall easily and have a weak scent that smells like cotton.

In late summer it produces small, triangular fruit. The sticky yellow skin is delicate and edible when boiled; it is overwhelmingly sweet, and the very soft white flesh is sweet and savoury and juicy. The olive seed is large and is in the centre of the fruit.

The roots are thick and spread across the surface, as well as underground, and overall the tree is sturdy, flexible, and difficult to uproot or break.

Forests of this species feature well-spaced trees, with grassy ground between them.

Shrub Facts

1 - It's highly adaptable to different climates.

2 - It is suitable for creating flexible, durable textiles

3 - The seeds are toxic to people but not to certain animals.

4 - It only blooms at night

#17 - Grass type: Perennial (Grows upwards by clinging to almost any surface.)

This giant, moss green grass grows up to 8 feet (2.4 meters) tall. The slender, pointed stalks grow in extensive patches that are flimsy.

When mature, the end of the stem eventually transforms into a giant, copper tuft.

During the mid-summer, it produces an average amount of pollen, and after flowering, it is left with lots of medium-sized grains.

Shrub Facts

1 - The stem has a zigzag shape.

2 - It is suitable for creating fine, soft textiles

3 - It produces a distinct humming sound when the wind blows through it.

#18 - Flower type: Biennial (Grows upwards by clinging to almost any surface.)

This huge flower grows up to 11.5 feet (3.5 meters) tall.

Its emerald stem is thick and straight, and the large, brown leaves are pleated with rounded edges. Many leaves grow at the base of the stem, and more leaves grow in pairs along the length of the stem.

Two large flowers sit at the end of the stem. The flowers are 64 cm (25.2 inches) wide, with lilac petals and a yellow center.

The flower head is shaped like a dish made up of 10 tightly layered, round-tipped petals. They are sturdy.

It has the faintest scent that smells like old shoes, and it has very little pollen, but can cause severe allergic reactions. It is pollinated by the wind and is ignored by most insect species.

Shrub Facts

1 - It is suitable for creating flexible, durable textiles

- 2 - It is very rare outside of a particular area.
 - 3 - The leaves have a reflective sheen, giving them a metallic appearance.
 - 4 - All of it is said to be part of one single, massive plant.
 - 5 - It is almost impossible to grow indoors.
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#19 - Flower type: Annual (Grows upwards by clinging to almost any surface.)

This giant flower grows up to 15.2 feet (4.6 meters) tall.

Its orange stem is thin and straight with a curved tip, and the small, silver leaves are dark orange-yellow on the underside and are very thin with ripped edges. Many leaves grow along the entire length of the stem.

Each stem splits 5 to 7 times; a single medium-sized flower grows at the end of each split. The flowers are 104 cm (40.9 inches) wide, with solid blood red petals decorated with gold lines and a beige central disk. The flower head is shaped like a dish made up of 10 tightly layered, round-tipped petals. They are hardy.

It has a powerful scent that smells like onion, and it has an average amount of pollen; it can cause severe allergic reactions. It is pollinated by insects and is enjoyed by several specific types of insect.

Shrub Facts

- 1 - It blooms only at night.
 - 2 - Array
 - 3 - It is favoured by pollinators.
 - 4 - The flowers change colour during their blooming period.
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#20 - Shrub type: Coniferous (Grows upwards by clinging to almost any surface.)

This small shrub grows up to 1 foot (30.5 cm) tall and lives for around 29 years. It is very resistant to disease but is susceptible to destructive insect infestation.

It has numerous knobbly, wonky stems covered in thin, cracked, brown and grey bark, and the wood inside is burgundy.

The branches are short, rigid and upright with hundreds of twigs that are covered with copious amounts of huge, wispy, leaves with smooth edges. The leaves themselves are found in washed-out purple and green varieties, light and soft.

It produces large amounts of medium-sized, washed-out purple flowers with 2 pointed petals with a tube-like floral cup. They detach easily and have a scent that varies in strength that smells like coffee. In late autumn it forms tiny, gold, winged seeds that float and land far away.

Shrub Facts

- 1 - The leaves exhibit a gradient colour effect as they mature.
 - 2 - It grows well in the sun and full shade.
 - 3 - Array
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