Hese

We first became aware of the Hese in 4120. They inhabit the rocky planet Zupebhe in the Hese Hepenzue system. They are diminutive, studious, and passive.

The Hese have learned how to catch water-dwelling creatures such as the zuse, which is now a staple part of the Hese diet.

The Hese have begun to cultivate crops. They are especially fond of a kind of sour fungus known as huhuxze that grows well in the rocky soil of Zupebhe.

The Hese have begun to watch the skies and recognize patterns in the movements of stars, which they use to navigate over great distances and keep track of time.

The Hese have domesticated a species of small feathered animals. The pets assist their Hese owners with navigation in exchange for food and shelter.

The Hese make extensive use of stone tools in a variety of contexts, especially when hunting the wild puzeb.

The Hese have begun to construct permanent dwellings and other structures. They make especially extensive use of marble as a building material.

The Hese have learned how to build ships and sail them across the oceans of Zupebhe to explore and trade over increasingly greater distances.

The Hese have developed a simple system of writing, which they use primarily for poetry.

In 4287, the Hese population reached 25 million individuals. Many of these reside within permanent cities, the largest of which is known as Zezen and has a population of 82,000.

Despite a few initial mishaps, the Hese have mastered the control of fire. They use it to cook their food, and to light their villages at night.

The city of Zezen has become renowned among the Hese as a center of commerce and trade. In particular, the sturdy clothing produced there is highly sought after by traders around the world.

The Hese have developed a sophisticated understanding of basic mathematics, such as arithmetic, algebra, and geometry.

The Hese have begun to make use of more sophisticated construction techniques, relying on sturdy structural elements such as arches and buttresses to support larger and larger buildings.

In 4362, an emerging religion known as Huzubzue was declared the official religion of the largest Hese state. Adherents of Huzubzue wear intricately patterned hats to mark themselves as believers.

The Hese have discovered how to forge molten metal into jewelry, tools, weapons, and armor.

The Hese have begun to use lenses and mirrors made from polished crystal, glass, and water to redirect and focus light.

The Hese have developed a simple printing press, and mass-produced versions of important texts have begun to circulate widely throughout the world. Scary stories are especially popular.

In their efforts to understand the motion of planets in the sky, free-falling bodies, and projectiles, the Hese have developed a new branch of mathematics which is immediately recognizable as calculus.

Some of the Hese have begun to experiment with alchemy, systematically searching for new ways of combining and manipulating ingredients to yield useful chemicals, compounds, and medicines.

The Hese have built elaborate pipe and sewer systems to supply their larger settlements, such as Zezen, with fresh water and a hygenic means of waste disposal.
Through systematic observation and categorization of the various living things on Zupebhe, the Hese have begun to develop a more sophisticated understanding of biology. Some theorists have even put forth the idea that dramatically different-looking organisms, such as the puzeb and the zuse, may in fact be descended from a single common ancestor.
Although initially controversial, the idea that diseases can be caused by microorganisms has begun to catch on among the Hese, leading to the widespread adoption of public health policies which have greatly reduced the spread of disease.
The Hese have arrived at a sophisticated understanding of genetics, which has enabled them to craft new forms of life by deliberately modifying the genes of existing organisms.
The Hese have begun to construct wind and water mills, which redirect the forces of the natural world to perform repetitive mechanical tasks such as grinding grain and pumping water.
The Hese have successfully tamed electricity, and are now beginning to deploy it throughout society. Electric lights are widespread, electric motors are used to drive factories, and the growing need for electric power has led to the construction of power plants near every major center of Hese population.
The Hese have developed a practical and cost-effective steam engine, which can be fueled with wood or coal.
The Hese have discovered a way to manufacture gunpowder, which they primarily use for explosive mining.
The Hese have begun to develop rockets.
The Hese have begun harnessing the power of electricity to send messages across very great distances with unprecedented speed. Due to the overhead of encoding and decoding messages, long-distance communication remains far from instantaneous, but it is now possible for individuals on opposite sides of Zupebhe to exchange several messages over the course of a single day.
The Hese have discovered that electromagnetic waves may be used to transmit information, enabling the development and widespread deployment of media for audiovisual broadcasting.
With the development of the transistor, the Hese have begun to construct more sophisticated electronic circuits.
The Hese have developed flying machines which can carry them into the skies above Zupebhe.
The Hese have begun to build general-purpose programmable computers.
The Hese have begun to connect their computers into a single vast network, enabling communication and collaboration on a truly global scale.
The Hese have taken their first tentative steps into space, launching craft capable of supporting several individuals into orbit around Zupebhe before retrieving them safely.
The Hese have developed an accurate model of the internal structure of the atom, which has also enabled them to understand the phenomenon of radioactivity.
The Hese have begun to understand quantum physics.
In 4701, the Hese successfully detonated their first prototype nuclear weapon. It remains unclear whether the Hese scientists who worked on the bomb understand the sheer destructive potential of the weapon they have created.

The Hese have constructed their first cost-effective quantum computers, dramatically improving their collective ability to perform certain types of calculation.
The Hese have developed a form of artificial general intelligence which rivals many of their own intellectual capabilities.
Through their investigations of quantum phenomena, the Hese have discovered a means of sending and receiving messages which travel at speeds exceeding that of light itself.
The Hese have begun to experiment with the use of "intelligent materials", in the form of swarms of programmable nanobots.
The Hese have begun to establish permanent colonies on worlds other than Zupebhe. Although still largely unable to travel outside of the Hese Hepenzue system, the distribution of Hese civilization across multiple worlds greatly reduces the risk that they will collapse due to any crisis of merely planetary scale.
In 4730, following decades of negotiation, the various sovereign Hese nations came to an agreement concerning the establishment of a unified planet-wide government for all of the Hese.
The Hese have successfully tested their first faster-than-light starship. No longer are they trapped within the gravity well of the Hese Hepenzue system: they are now free to take their place alongside us as fellow wanderers among the stars.
In 4736, the Hese joined us.

Begerc

We first became aware of the Begerc in 8093. They reside on the lush planet Cibirc in the Begurl Buberl system. They are artistic, passive, and elegant.
The Begerc have learned how to catch water-dwelling creatures such as the guberc, which is now a staple part of the Begerc diet.
The Begerc have begun to cultivate crops. One especially popular crop is a kind of chewy stalk known as ge'cic.
The Begerc have begun to watch the skies and recognize patterns in the movements of stars, which they use to navigate over great distances and keep track of time.
The Begerc have domesticated a species of small flying creatures. The pets assist their Begerc owners with pest control in exchange for food and shelter.
The Begerc make use of stone tools in a variety of contexts. This has dramatically improved their efficiency in hunting the wild ce'bel.
The Begerc have begun to construct permanent dwellings and other structures, making especially extensive use of marble as a building material.
The Begerc have learned how to build ships and sail them across the oceans of Cibirc to explore and trade over increasingly greater distances.
The Begerc have developed a simple system of writing, which they use primarily for poetry.
The Begerc have developed a sophisticated understanding of basic mathematics, such as arithmetic, algebra, and geometry.
In 8304, many of the fractious Begerc tribes were united under a single banner by an individual known as Sbecbic the Great. The city of Guberl has been named the capital of

the resulting empire, which rules over approximately 22% of the entire Begerc population. Unusually for the Begerc, it is governed by direct democratic vote.
The Begerc have begun to make use of more sophisticated construction techniques, relying on sturdy structural elements such as arches and buttresses to support larger and larger buildings.
In spite of a few initial mishaps, the Begerc have mastered the control of fire. They use it to cook their food, and to light their villages at night.
The Begerc have discovered how to forge molten metal into jewelry, tools, weapons, and armor.
The Begerc have begun to use lenses and mirrors made from polished crystal, glass, and water to redirect and focus light.
In 8349, the Begerc population reached 25 million individuals. Many of these reside within permanent cities, the largest of which is known as Guberl and has a population of 72,000.
The Begerc have developed a simple printing press, and mass-produced versions of important texts have begun to circulate widely throughout the world. Works of natural philosophy are especially popular.
The Begerc have begun to construct wind and water mills, which redirect the forces of the natural world to perform repetitive mechanical tasks such as grinding grain and pumping water.
The Begerc have built elaborate pipe and sewer systems to supply their larger settlements, such as Guberl, with fresh water and a hygenic means of waste disposal.
Due to its role as the birthplace of several major Begerc religions, including the especially prominent Sbecbel faith, the city of Guberl is regarded by many of the Begerc as a holy site. The highest-ranking Sbecbel priest in Guberl is considered the de facto leader of the Sbecbel church as a whole, and pilgrimages to the city are commonplace.
The Begerc have developed a practical and cost-effective steam engine, which can be fueled with wood or coal.
Some of the Begerc have begun to experiment with alchemy, systematically searching for new ways of combining and manipulating ingredients to yield useful chemicals, compounds, and medicines.
The Begerc have successfully tamed electricity, and are now beginning to deploy it throughout society. Electric lights are widespread, electric motors are used to drive factories, and the growing need for electric power has led to the construction of power plants near every major center of Begerc population.
The Begerc have begun harnessing the power of electricity to send messages across very great distances with unprecedented speed. Due to the overhead of encoding and decoding messages, long-distance communication remains far from instantaneous, but it is now possible for individuals on opposite sides of Cibirc to exchange several messages over the course of a single day.
Through systematic observation and categorization of the various living things on Cibirc, the Begerc have begun to develop a more sophisticated understanding of biology. Some theorists have even put forth the idea that dramatically different-looking organisms, such as the ce'bel and the guberc, may in fact be descended from a single common ancestor.

In their efforts to understand the motion of planets in the sky, free-falling bodies, and projectiles, the Begerc have developed a new branch of mathematics which is immediately recognizable as calculus.

In 8492, an emerging religion known as Sbecbel was declared the official religion of the largest Begerc state. Adherents of Sbecbel wear simple purple hats to mark themselves as believers.

The Begerc have discovered that electromagnetic waves may be used to transmit information, enabling the development and widespread deployment of media for audiovisual broadcasting.

With the development of the transistor, the Begerc have begun to construct more sophisticated electronic circuits.

The Begerc have begun to build general-purpose programmable computers.

The Begerc have developed flying machines which can carry them into the skies above Cibirc.

The Begerc have discovered a way to manufacture gunpowder, which they primarily use for explosive mining.

The Begerc have begun to develop rockets.

The Begerc have taken their first tentative steps into space, launching craft capable of supporting several individuals into orbit around Cibirc before retrieving them safely.

The theory that diseases can be caused by microorganisms has begun to catch on among the Begerc, leading to the widespread adoption of public health policies which have greatly reduced the spread of disease.

The Begerc have begun to connect their computers into a single vast network, enabling communication and collaboration on a truly global scale.

The Begerc have developed an accurate model of the internal structure of the atom, which has also enabled them to understand the phenomenon of radioactivity.

The Begerc have arrived at a sophisticated understanding of genetics, which has enabled them to craft new forms of life by deliberately modifying the genes of existing organisms.

The Begerc have begun to understand quantum physics.

The Begerc have begun to experiment with the use of "intelligent materials", in the form of swarms of programmable nanobots.

The Begerc have begun to establish permanent colonies on worlds other than Cibirc. Although still largely unable to travel outside of the Begurl Buberl system, the distribution of Begerc civilization across multiple worlds greatly reduces the risk that they will collapse due to any crisis of merely planetary scale.

In 8589, following decades of negotiation, the various sovereign Begerc nations came to an agreement concerning the establishment of a unified planet-wide government for all of the Begerc.

The Begerc have constructed their first cost-effective quantum computers, dramatically improving their collective ability to perform certain types of calculation.

The Begerc have developed a form of artificial general intelligence which rivals many of their own intellectual capabilities.

Through their investigations of quantum phenomena, the Begerc have discovered a means of sending and receiving messages which travel at speeds exceeding that of light itself.

The Begerc have successfully tested their first faster-than-light starship. No longer are they trapped within the gravity well of the Begurl Buberl system: they are now free to take their place alongside us as fellow wanderers among the stars.
In 8640, the Begerc joined us.

Dwekdwendaenswïh

We first became aware of the Dwekdwendaenswïh in 8836. They inhabit the arid planet Gekdwa in the Dïkpwe system. They are duplicitous, arrogant, and bold.
The Dwekdwendaenswïh have learned how to catch water-dwelling creatures such as the de'ge, which is now an important part of the Dwekdwendaenswïh diet.
The Dwekdwendaenswïh have begun to cultivate crops, including dwekpwendeïkswïk, a kind of fleshy stalk that grows well in the forests of Gekdwa.
The Dwekdwendaenswïh have begun to watch the skies and recognize patterns in the movements of stars, which they use to navigate over great distances and keep track of time.
The Dwekdwendaenswïh have developed a simple system of writing, which they use primarily for poetry.
The Dwekdwendaenswïh have domesticated a species of small winged creatures. The pets assist their Dwekdwendaenswïh owners with pest control in exchange for food and shelter.
The Dwekdwendaenswïh use stone tools in a variety of contexts, including as weapons when hunting the wild de'pe.
The Dwekdwendaenswïh have mastered the control of fire. They use it to cook their food, and to light their villages at night.
The Dwekdwendaenswïh have begun to construct permanent dwellings and other structures. They seem to favor stone as a building material.
The Dwekdwendaenswïh have discovered how to forge molten metal into jewelry, tools, weapons, and armor.
In 8977, many of the disparate Dwekdwendaenswïh villages were united under a single banner by an individual known as Pahgwa De'ge the Merciful. The city of Dakpwa has become the capital of the resulting empire, which rules over approximately 23% of the entire Dwekdwendaenswïh population. Unusually for the Dwekdwendaenswïh, it is governed by a council of war leaders.
The Dwekdwendaenswïh have developed a sophisticated understanding of basic mathematics, such as arithmetic, algebra, and geometry.
The Dwekdwendaenswïh have begun to use lenses and mirrors made from polished crystal, glass, and water to redirect and focus light.
The Dwekdwendaenswïh have learned how to build ships and sail them across the oceans of Gekdwa to explore and trade over increasingly greater distances.
In 9079, the Dwekdwendaenswïh population reached 25 million individuals. Many of these dwell within permanent cities, the largest of which is known as Dakpwa and has a population of 53,000.

The city of Dakpwa has become renowed among the Dwekdwendaenswïh as a center of commerce and trade. In particular, the elegant pottery produced there is highly sought after by traders around the world.
The Dwekdwendaenswïh have begun to construct wind and water mills, which redirect the forces of the natural world to perform repetitive mechanical tasks such as grinding grain and pumping water.
The Dwekdwendaenswïh have built elaborate pipe and sewer systems to supply their larger settlements, such as Dakpwa, with fresh water and a hygenic means of waste disposal.
The Dwekdwendaenswïh have begun to make use of more sophisticated construction techniques, relying on sturdy structural elements such as arches and buttresses to support larger and larger buildings.
The Dwekdwendaenswïh have developed a simple printing press, and mass-produced versions of important texts have begun to circulate widely throughout the world. Political pamphlets are especially popular.
In 9167, an emerging religion known as Da'dae was declared the official religion of the largest Dwekdwendaenswïh state. Adherents of Da'dae wear concealing hoods to mark themselves as believers.
In their efforts to understand the motion of planets in the sky, free-falling bodies, and projectiles, the Dwekdwendaenswïh have developed a new branch of mathematics which is immediately recognizable as calculus.
Some of the Dwekdwendaenswïh have begun to experiment with alchemy, systematically searching for new ways of combining and manipulating ingredients to yield useful chemicals, compounds, and medicines.
The Dwekdwendaenswïh have successfully tamed electricity, and are now beginning to deploy it throughout society. Electric lights are widespread, electric motors are used to drive factories, and the growing need for electric power has led to the construction of power plants near every major center of Dwekdwendaenswïh population.
The Dwekdwendaenswïh have developed a practical and cost-effective steam engine, which can be fueled with wood or coal.
With the development of the transistor, the Dwekdwendaenswïh have begun to construct more sophisticated electronic circuits.
The Dwekdwendaenswïh have begun harnessing the power of electricity to send messages across very great distances with unprecedented speed. Due to the overhead of encoding and decoding messages, long-distance communication remains far from instantaneous, but it is now possible for individuals on opposite sides of Gekdwa to exchange several messages over the course of a single day.
The Dwekdwendaenswïh have developed flying machines which can carry them into the skies above Gekdwa.
The Dwekdwendaenswïh have discovered that electromagnetic waves may be used to transmit information, enabling the development and widespread deployment of media for audiovisual broadcasting.
Through systematic observation and categorization of the various living things on Gekdwa, the Dwekdwendaenswïh have begun to develop a more sophisticated understanding of biology.

Some theorists have even put forth the idea that dramatically different-looking organisms, such as the de'pe and the de'ge, may in fact share a single common ancestor.
The Dwekdwendaenswïh have discovered a way to manufacture gunpowder, which they primarily use in warfare.
The Dwekdwendaenswïh have begun to develop rockets.
The initially controversial hypothesis that diseases are caused by microorganisms has begun to catch on among the Dwekdwendaenswïh, leading to the widespread adoption of public health policies which have greatly reduced the spread of disease.
The Dwekdwendaenswïh have developed an accurate model of the internal structure of the atom, which has also enabled them to understand the phenomenon of radioactivity.
The Dwekdwendaenswïh have begun to understand quantum physics.
In 9420, the Dwekdwendaenswïh successfully detonated their first prototype nuclear weapon. It remains unclear whether the Dwekdwendaenswïh scientists who worked on the bomb understand the sheer destructive potential of the weapon they have created.
The Dwekdwendaenswïh have arrived at a sophisticated understanding of genetics, which has enabled them to craft new forms of life by deliberately modifying the genes of existing organisms.
The Dwekdwendaenswïh have begun to build general-purpose programmable computers.
The Dwekdwendaenswïh have begun to connect their computers into a single vast network, enabling communication and collaboration on a truly global scale.
The Dwekdwendaenswïh have taken their first tentative steps into space, launching craft capable of supporting several individuals into orbit around Gekdwa before retrieving them safely.
The Dwekdwendaenswïh have constructed their first cost-effective quantum computers, dramatically improving their collective ability to perform certain types of calculation.
The Dwekdwendaenswïh have developed a form of artificial general intelligence which rivals many of their own intellectual capabilities.
In 9487, a single nuclear weapon was deployed in an attack on a small Dwekdwendaenswïh city. The incident did not escalate into a full-scale nuclear war, but the city was almost completely obliterated, resulting in the deaths of some 95,000 Dwekdwendaenswïh.
In 9500, following decades of negotiation, the various sovereign Dwekdwendaenswïh nations came to an agreement concerning the establishment of a unified planet-wide government for all of the Dwekdwendaenswïh.
Through their investigations of quantum phenomena, the Dwekdwendaenswïh have discovered a means of sending and receiving messages which travel at speeds exceeding that of light itself.
The Dwekdwendaenswïh have begun to experiment with the use of "intelligent materials", in the form of swarms of programmable nanobots.
The Dwekdwendaenswïh have begun to establish permanent colonies on worlds other than Gekdwa. Although still largely unable to travel outside of the Dïkpwe system, the distribution of Dwekdwendaenswïh civilization across multiple worlds greatly reduces the risk that they will collapse due to any crisis of merely planetary scale.

The Dwekdwendaenswïh have successfully tested their first faster-than-light starship. No longer are they trapped within the gravity well of the Dïkpwe system: they are now free to take their place alongside us as fellow wanderers among the stars.
In 9544, the Dwekdwendaenswïh joined us.