

Primer on Ormiold

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This paper is a primer on the 'Ormiold', an sapient species that originally evolved on the planet Darass of Beta Virginis. They share a rather unique evolutionary relationship to Earth biota.

Introduction

The Ormiold are a unique species from a human point of view and the reaction during the first time a human saw an Ormiold was dumbfounded astonishment with one or two dropped yaws. Later comparison of Darass DNA with Earthern DNA showed most Darass biota was fact related to Earth biota.

Current speculation has it that the planet Darass has been terraformed in the original sense of the world, about 75 million years ago by an unknown species of non-human sophonts, who then used Earth biota to populate Darass.

In short Dinosaurs were transplanted to Darass by unknown aliens 75 million years ago during the Late Cretaceous.

The Ormiold are the result of the continued evolution of Dinosaurs on Darass and managed to develop interstellar space flight capabilities about 3200 years ago, before their home world was destroyed about 3000 years ago.

Appearance

The Ormiold rather closely resemble a member of the Family of Dromaeosauridae and it is speculated that they are the descendants of the Dromaeosaurus¹. The size of the Ormiold can be compared to the Deinonychus², with a length of about 3.3 meters, a hip height of 90 centimeters and a weight of about 80 kilograms. They have a larger skull with a shortened muzzle to contain their large brain, but which still contains a powerful yaw and about 70 curved, blade-like teeth. The claws on their three fingered hands

¹The Dromaeosaurus lived about 75 million years ago in the western North American area

²The Deinonychus lived about 115 million years ago in the Western United States.

are shorter compared to those of their ancestors, while their feet still contain large sickle claws on one toe. The Ormiold are covered by a layer of symmetric feathers, with long feathers coming from their lower arms and a plume of feathers at the tips of their tails. Their feathers is colored in earth tones, with mostly individual markings in darker or lighters colors. Male Ormiold additionally possess a plumage of larger head crest feathers in an orange to red coloration, which can be spread out and display various emotions, though they play a great role in their procreation rites.

Biology

Darass biota are fully compatible to Earth biota for consumption, which means that, aside from some little problems³, the Ormiold are fully able to digest Earth flora and fauna. Generally the Ormiold are a carnivorous species, though they do need to digest some plant matter to deal with deficiencies of vitamins and minerals. Additionally, they are dependent on gizzard stones to support their digestion.

The average life span of the Ormiold is about 78 Earth years.

Procreation

The Ormiold are a two gendered species and mate for life. Females have an oestrus cycle of 20 days every about 386 days. Following a successful mating, the female will lay up to ten eggs, which she incubates over 143 days, never leaving the eggs in their nest⁴ unsupervised for longer than 30 minutes. This incubation remains strong even in modern Ormiold society and males are expected to fully support their mates.

Following a successful hatching, where only two to three eggs even hatch, an Ormiold female is unable to mate for five mating cycles.

Life stages

Following hatching the Ormiold young remain in their nest for the next five month and are cared for by both parents, during which time they develop far enough to leave their nest, usually following their mothers around, until they can be 'unloaded' to communal caretakers and grow up with the other nestlings of a mating cycle during the work day, while they remain with their family during the rest of the day.

The nestlings remain with their caretakers for the next ten years, where they begin to be educated for their

³Caffeine is poisonous to the Ormiold

⁴While traditional nests are build with clay, twigs and foliage, modern nests are constructed from plastics and foams to support the incubation.

future life in Ormiold society. After these ten years, they begin a training period for communal work for two years⁵, before they may enter a higher educational track for higher skilled or academic work. Most Ormiold however receive only basic education⁶, though this does not stop them from becoming highly valued parts of their community.

The young Ormiold are considered to become adults when the males develop their head crest feathers with 13 years, and the females enter their first oestrus cycle.

Society/Sociology

The Ormiold evolved from group hunting ancestors that had already highly developed social rules and skill, even before developing sapience. From Ormiold documents, it appears that the Ormiold ancestors had already developed a form of herding life style of domesticated prey animals during their early evolutionary stages and that this ready supply of food, supplemented by hunting, which may have sped up their evolutionary development towards sapience.

Eventually the Ormiold discovered agriculture, which allowed them to settle down and feed their herds of prey animals. Due to their group hunting ancestry, they were already inclined towards living in groups and their family groups began to band together into larger communities, the Ontan. Over time the Ontan developed into villages and eventually several Ontan, while remaining separate, settled together into larger towns and eventually cities.

While the Ormiold are communal, they remain strong individualists and express it in various ways, though mostly through jewelry and other coloring of their plumage. Here it is irrelevant whether the individual is male or female.

As the Ormiold remain predatory sapients, they have channeled their aggression towards constructive means, as well as an active scene for competitive sports, some of which are closely related to their hunting behavior.

In war times, the Ormiold do recognize non-combatants, even though these non-combatants can become combatants. Remains of their initial group hunting behavior leads to more ready submission to the victor of a war, though resistance after the fact is not unheard of.

⁵Usually working with the younger nestlings.

⁶Reading, writing, arithmetics, algebra, home economics, basic science

Technology Level

Ormiold technology has been less advanced than the Quetzal during the *Final War*, but on par with humanity⁷.

Unique Technologies

Due to their evolutionary history and their physiology, the Ormiold have developed a unique layout for their technology. Most of their fine motoric skills are set into their forked tentacle like tongues and their jaws are extremely strong and capable of holding objects. As such their technology is based around these facts and they make extremely frequent use of labor saving devices.

Government

Much like humans the Ormiold have developed various governmental types during their long history, though for the most part they have developed towards a more community driven forms of government.

Religion

The Ormiold have developed various different religions, whether they may be mono, poly or non-theistic and many of them revolve around the imagery of eggs, while some revolve around the predator and prey relationship. There is one religion, the Choim Temple, that reveres pray for giving its life to sustain the Ormiuld.

Ormiold on Earth

Due to their origin on Earth itself, there is no known Ormiold on Earth 3000 years ago. If there were any discovered, they may have been mistaken for an member of the Dromaeosauridae Family of dinosaurs.

Today, the majority of all Ormiold are living on Earth, as they have no problems at all with Earth biota nor the reverse. However, a larger population does live on Ceres. On Earth they have build a currently growing settlement in the continental plains of the Midwestern United States. They have introduced several of their domesticated animals⁸ as well as their food plants and are largely profiting from the tourist trade, though there is internal resistance at being a large tourist trap.

⁷At around 2132.

⁸Sauropods and ceratops