

## FOURTH CREATURES

A transcription of a talk by Bill Sadler Jr

Gregor Johan Mendel (1822-1884) was an Austrian, Augustinian abbot who discovered one of the basic laws of inheritance in plants and animals. What he discovered is a law of chance that seems to govern whenever there is interaction between two factors that are different in nature. Mendel's ratio is encountered in the Urantia Papers in the narrative of the origin of Havona servitals, universal conciliators, secondary midwayers, and is probably involved in a modified manner in the origin of cherubim and sanobim.

### *Mendel's Ratio, a law of chance*

There is nothing mysterious about Mendel's ratio. It is simply a law of chance. It can be demonstrated very easily with eight checker pieces and a man's hat. Four of the checker pieces should be of one color, and the other four of a contrasting color. Say white and black. Put all eight in the hat and draw them out two by two, so that there are four pairs of checkers. If this is done for a number of times, a dozen times or a hundred, it will be observed that the pairs of checkers average out for each group of four pairs as a double white pair, two mixed pairs, and a double black pair. When I was a kid, I did this all one afternoon and kept score. It works! (Laughter from audience)

We can express this in the following manner: WW plus WB plus WB plus BB. This is nothing more than an algebraic relationship. If you multiply A plus B by itself, you get A square plus 2AB plus B square, or, to write the answer in a more recognizable form: AA plus AB plus AB plus BB. Mendel worked this out with peas, tall ones and short ones. What we've been looking at is the second step in this experiment. The first step is the cross-breeding of the tall and the short. The first thing that Mendel discovered was that one of the two factors--tallness—would completely cover up the other factor--shortness. All of the cross-bred peas were tall. This ability of one inheritance factor to cover up another one is called, "dominance." And conversely, the tendency to be covered up is called, "recessiveness."

In the case of the peas, tallness is dominant, and shortness is recessive. When the two are crossed, all of the first generation is tall. They look tall, but they actually carry a submerged short inheritance factor. The presence of the submerged short inheritance factor is demonstrated in the second generation, with the working out of Mendel's ratio: TT plus Ts plus Ts plus ss. Here we are using a capital "T" to indicate the dominant tall factor, and a lower case "s" to symbolize the recessive short factor.

Mendel's ratio is a ratio that is expressed as three-to-one (3:1), three tall to one short, but the three tall are not alike. They all look alike, but only one of them will breed one-hundred per cent tall peas. The other two will continue to breed out in the three-to-one ratio, thus demonstrating that they carry both dominant (tall) and recessive (short) factors of inheritance. The (Urantia) Papers do not speak of Mendel's ratio, or a three-to-one ratio, but they do use the term, "fourth creatures." This refers to a type of being where every fourth creature is, in some way, different from his fellows. Page 273, paragraph 12; 274, paragraph 1; 275, paragraph 5; 422, paragraph 7; 423, paragraph 5. The use of this term, "fourth creature," is nothing more than a re-phrasing of Mendel's ratio. "One-out-of-four" is the same as saying "three-to-one."

### **I. Spirit Dominance: Servitals and Conciliators**

Spiritual and physical realities seem to exhibit varying degrees of dominance and recessiveness in relationship to each other. In non-personal situations in time and space, physical realities seem to dominate. In personal situations that involve the expression of divinity of purpose, spirit, spirit-mind, is dominant over the physical; all in proportion to the attainment of divinity of purpose. pg 484.1-4

#### *Havona Servitals*

These beings are of joint origin in the Seven Master Spirits and their physical associates, the Seven Supreme Power Directors. (pg 273, paragraph 11). This is a clear-cut interaction of spiritual and physical inheritance factors. The results of this interaction are exactly in accordance with Mendel's ratio of three-to-one. pg 274. 2In this instance, the relationship of the two factors could be expressed as: SS plus Sp plus Sp plus pp. Three Servitals are spiritual in appearance, and one is quasi-physical: a fourth creature. But are all three of the spiritual servitals really alike? From Mendel's ratio we may deduce that one of the three is really different from the other two. Is there any evidence to support this deduction? There is. Servitals are often assigned to superuniverse service and upon returning therefrom are sometimes embraced by some deity presence on Paradise. (pg 271.2) Almost one-fourth of the servitals who are so embraced do not emerge, but apparently transmute to another and higher order of being, the graduate guides. pg 271.3-6 It is quite significant that just about one-fourth of the servitals transmute. And we believe that these are the servitals who have the double spirit inheritance. Apparently this process has no effect on the servitals who carry a mixed set of factors.

The origin of conciliators is a superuniverse reflection of the Central Universe origin of servitals. pg 275.1-2 This being the case, the conciliators have the same basic inheritance of interacting factors of a spiritual and a physical nature. Since the conciliators are grouped by fours for service, Mendel's ratio is not hard to detect. Conciliators appear to have the following inheritance: SS plus Sp plus Sp plus pp. One of them is the unanimous choice of the other three to act as judge-arbiter, the head of the commission of four. We believe that this is the conciliator with the double spiritual ("SS") inheritance. One conciliator is, by obvious physical nature, the divine executioner. This is the conciliator who has the double physical ("pp") inheritance. The other two conciliators fill the remaining two positions on the commission. Pg 275.5-7; pg 276.1-2

## **II. Physical Dominance: Children of Adam ben Adam**

When Adamson and Ratta procreated their kind, this union represented the combination of two mortal but superhuman strains of inheritance. They had 67 children, and every fourth child was different from the rest. It was often invisible. pg 861.6 These fourth children were the immediate procreators of the secondary midwayers. And so far as we know, the secondary midway creatures were the only progeny of these fourth children. There were 16 of these unique children. Here we have an example of physical dominance which could be expressed a--and now we're using a lower case "s" and a capital "P"--because the "P" is dominant; ss plus sP plus sP plus PP. The double "s" combination would be a fourth child. This relationship is almost one-to-three. It works out as 16/67ths; which is 23.88%--just a little more than 1% short of the theoretical 25%. Now this raises some interesting questions--especially concerning the nature of Hellenic culture--for the Adamsonites were among the progenitors of the Greeks. pg 895.3-6 Consider the direct-line human descendants of Adamson and Ratta. This human stock suffered the loss, the permanent loss, of a normal, human, spiritual potential factor amounting to 23.88% of what should have been normal for their group.

This means that the remaining human reproducing strains--as they presumably intermarried--eventually possessed only 76.12% of normal, spiritual growth potential. There was no diminution of intelligence, only the loss of that potential for spiritual growth represented by the 16 fourth children who bred the secondary midwayers, and whose strain was biologically lost to the human race. Does this explain why Hellenic culture was so brilliant in the fields of art and philosophy but always seemed to be somewhat backward or retarded in the field of religion? Audience: What do you think? I think it is. I can't prove it. It seems reasonable. By the time the remaining progeny intermarried, they would spread out this spiritual inheritance. But they've only got about 3/4ths of the normal complement to work with; they're a little bit shy. They're not zero in this area. They're just missing about 25% of what they should have had. Certainly, the story of the evolution of religion in Greece is not the glorious story of the evolution of art and philosophy. As you consider what the Jewish people did with religion as compared with what the Greeks did, the Greek religion never really got off the ground very far.

## **III. Cherubim and Sanobim**

Cherubim and sanobim is another order of being that is characterized by fourth creatures. pg 422.7 Here, however, we encounter somewhat of a mystery. The ministering spirits are created by the Local Universe Mother Spirit, and accordingly have only a single inheritance. pg 286.3. In each of the other instances--servitals, conciliators, and Adamsonites--we've been dealing with the interaction of two sets of inheritance factors. With cherubim and sanobim, there is only a single inheritance factor. How can this be explained? We are informed that material sons--the Adams--represent a Creator Son's "last concept of being," and that their appearance in dual form--male and female--confirms the dual origin of the Creator Son. Pg 415.2 A Creative Spirit is of single-origination pg 203.7, but she works in both physical and spiritual domains. In the early history of a local universe, as a physical organizer, and later on as a spiritual creator. pg 374. 2-4). Cherubim and sanobim seem to represent a Creative Spirit's "last concept of being." So far as concerns the ministering spirits, is the dual-inheritance factor that is seemingly in their nature a reflection of this dual-function, physical and spiritual, in the Creative Spirit? Regardless of the validity of this line of reasoning, the cherubim and sanobim, are characterized by fourth creatures--morontia cherubim. We can express their inheritance factors as: SS, Sm, Sm, and mm, where the capital "S" stands for the dominant spiritual inheritance, and the lower case "m" stands for the recessive morontial inheritance factor. It is interesting to note that cherubim and sanobim are classified in three groups: ascension candidates, mid-phase cherubim, and morontia cherubim. pg 423.2-5 We would speculate that the ascension candidates would constitute about one fourth of the number and would be those with the double spiritual inheritance. We know that the morontia cherubim account for one fourth of the total number, and they of course would have the double morontia inheritance. The remaining one-half would appear to be truly mid-phase in nature, having a mixed inheritance, and thus functioning as typical or average cherubim and sanobim.