

References to Rounds and Races  
from the  
Second Volume of the Secret Doctrine

1. (c) Man's organism was adapted in every race to its surroundings. The first Root-Race was as ethereal as ours is material. The progeny of the seven Creators, who evolved the seven primordial Adams, surely required no purified gases to breathe and live upon (see part III of this volume). Therefore, however strongly the impossibility of this teaching may be urged by the devotees of modern science, the Occultist maintains that the case was as stated aeons of years before even the evolution of the Lemurian, the first physical man, which itself took place 18,000,000 years ago. Pg.46.

2. The Earth is said to cast off her old three skins, because this refers to the three preceding Rounds out of the seven. At the beginning of every Round, after a period of "obscuration", the earth (as do also the other six "earths") cast off her old skins as the Serpent does; therefore she is called in the Aitareya<sup>3</sup> Brahmana the Sarpa Rajni, "then" Queen of the Serpents, "and" "the mother of all that moves." The "seven Skins," in the first of which she now stands refer to the seven geological changes which accompany and correspond to the evolution of the Seven Root<sup>3</sup> races of Humanity. Page.47.

3. The Secret Doctrine maintains that, notwithstanding the general cataclysms and disturbances of our globe, which- owing to its being the period of its greatest physical development, for the Fourth Round is the middle-point of the life allotted to it- were far more terrible and intense than during any of the three preceding Rounds (the cycles of its semi- ethereal conditions) physical Humanity has existed upon it for the last 18,000,000 years. Page 149.

4. (a) Up to the Fourth Round, and even to the later part of the Third Race in this Round, Man-- if the ever-changing forms that clothed the Monads during the first three Rounds and the first two and a half races of the present one can be given that misleading name- is, so far, only an animal intellectually. It is only in the actual midway Round that he develops in himself entirely the fourth principle as a fit vehicle for the fifth. But Manas will be relatively fully developed only in the following Round, when it will have an opportunity of becoming entirely divine until the end of the Rounds. Page, 161.

5. (b) Here the inferior Races, of which there are still some analogues left- as the Australians (now fast dying out) and some Africans and Oceanic tribes- are meant. Page, 162.

6. At any rate, esoteric philosophy identifies the pre-Brahmanical Asuras, rudras, Rakshasas and all the "Adversaries" of the Gods in the allegories, with the Egos, which, by incarnating in the still witless man of the Third Race, made him consciously immortal.

7. From these proceed- the First Race, "Self-born," which are the (astral) shadows of their Progenitors.

8. From the First (race) emanated the second, called the "sweat-born" and the "boneless." This is the Second Root-Race, endowed by the preservers (Rakshasas) and the incarnating gods (Asuras and the Kumaras) with the first primitive and weak spark. Etc. Pg. 164-5

9. (3) The third Root-Races hereof are shells, till the last is "inhabited" (i.e., informed) by the Dhyanis.

10 The Second Race, as stated above, being sexless, evolved out of itself, at its beginning, the Third Androgyne Race by an analogous, but already more complicated process.

11. It is not in the course of natural law that man should become a perfect septenary being, before the seventh race in the seventh Round. ---Nor is it part of the evolutionary law that the Fifth principle (Manas), should receive its complete development before the Fifth Round.

12. all such prematurely developed intellects ( on the spiritual plane) in our Race are abnormal; they are those whom we call the "Fifth- Rounders."

13 Even in the coming seventh Race, at the close of this Fourth Round while our four lower principles will be fully developed, that of Manas will be only proportionately so. This limitation, however, refers solely to the spiritual development. The intellectual, on the physical plane, was reached during the fourth Root-Race. Thus, those who were "half ready," who received "but a spark" constitute the average humanity which has to acquire its intellectuality during the present Manvantaric evolution, after which they will be ready in the next for the full reception of the "Sons of Wisdom," While those which "were not ready" at all, The latest Monads, which had hardly evolved from the their last transitional and lower animal forms at the close of the Third Round, Remained the "narrow- brained" of the Stanza. Pg. 1168.-7

13. Moreover, from the beginning of the Round, all in Nature tends to become Man .

14. The fact that in this Round he preceded the mammalia is obviously not impugned by the consideration that the latter ( mammalia) follow in the wake of man. Pg. 170.

15. Let us begin the mode of reproduction of the later sub-races of the Third human race, by those who found themselves endowed with the sacred fire from the spark of higher and then independent Beings, who were the psychic and spiritual parents of Man, as the lower Pitar Devata (the Pitris) were the progenitors of his physical body. Pg. 171

That Third and holy Race consisted of men who, at their zenith, were described as, "towering giants of godly strength and beauty, and the depositories of all the mysteries of Heaven and Earth" . pg. 172.

17. Of this presently, The only thing now to be noted of these is, that that the chief Gods and heroes of the fourth and Fifth Races, as of later antiquity, are the deified images of their men of the Third.

18 When the Sweat-born produced the Egg-born, The Two-fold (androgynous Third Race ), The Mighty, the Powerful with Bones, The Lords of Wisdom said; "Now shall we create"

19 (Then) the Third (race) became the vahan (vehicle) of the Lords of Wisdom. It created Sons of "Will and Yoga", By Kriyasakti (by), it created them, the Holy Fathers, Ancestors of the Arhats pg. 172

20 . The order of the evolution of the human Races stand thus in the Fifth Book of the Commentaries, and was already given; - The First men were Chhayas (1); the second, the "Sweat-born" (2), the

Third, "Egg-born," and the Holy Fathers born by the power of Kriyasakti (3), the Fourth were the children of the Padampani) (4) pg. 173.

21. Ft. note. These are the exoteric figures given in a purposely reversed and distorted way, being the figure of the duration of the cycle between the first and second human races. Pg. 175.

22. This, then, is the allegory built on the mode of procreation of the Second or the "Sweat-born" The same for the third race in its final development. Page 176.

23. The early Third Race, then is formed from drops of "sweat" Which, after many a transformation, grow into human bodies, this is not more difficult -----etc. pg. 177.

24. (a) The Occult doctrine maintains that, in this Round, the Mammals were a later work of evolution than man. Evolution proceed in cycles. The great manvantaric cycle of seven Rounds, beginning in the First Round with mineral, Vegetable, and animal, brings its evolutionary work on the descending arc to a dead stop in the middle of the Fourth Race, at the close of the first half of the Fourth Round. It is on our earth, then, (the Fourth sphere and the lowest) and in the present Round, that this middle point has been reached. And since the Monad has passed, after its "first immetallization" on Globe A, through the mineral, vegetable, and animal worlds in every degree of the three states of matter, except the last degree of the third or solid state, which it reached only at the "mid-point of evolution," it is but logical and natural that at the beginning of the Fourth Round on Globe D, Man should be the first to appear; and also that his frame should be of the most tenuous matter that is compatible with objectivity. To make it still clearer; if the Monad begins its cycle of incarnations through the three objective kingdoms on the descending curved line, it has necessarily to enter on the re-ascending curved line of the sphere as a man also. on the descending arc it is the spiritual which is gradually transformed into the material. On the middle line of the base, Spirit and Matter are equilibrated in Man. On the ascending arc, Spirit is slowly re-asserting itself at the expense of the physical, or that, at the close of the seventh Race of the Seventh Round, the Monad will find itself as free from matter and all its qualities as it was in the beginning; having gained in addition the experience and wisdom, the fruition of all its personal lives, without their evil and temptations. pg. 181.

25. In the Secret Doctrine, the first Nagas- being wiser than Serpents- are the "sons of Will and Yoga," born before the complete separation of the sexes, "matured in the man-bearing eggs; produced by the power (Kriyasakti) of the holy sages" of the early Third Race. Pg. 181

26. Daksha typifies the early Third Race, holy and pure, still devoid of an individual ego, and having merely the passive capacities. Brahma, therefore, commands him to create a (in the exoteric texts); When, obeying the command, he made "inferior and superior" (avarah and vara) progeny (putra), bipeds and quadrupeds; and by his will, gave birth to females--- to the gods the Daityas (Titans and demons) Magi-snake- gods, animals, cattle and the Danavas (Titans and demon Magicians) and other beings." page 183.

27. During the Third (race), the Boneless animals grew and changed; They become animals with bones (a) their Chhayas become solid (also)

28.

This was the first physical "fall into matter" of some of the then existing and lower races. Bear in mind Stanza 24. Then "Sons of Wisdom" had spurned the early Third Race, i.e., the non-developed, and are shown incarnating in, and thereby endowing with intellect, the later Third Race. Thus the sin of the brainless or "mindless" Races, who had no "spark" and were irresponsible, fell upon those who failed to do by them their Karma duty.. Pg. 185.

29.

(a) The "Fall" occurred, according to the testimony of ancient Wisdom and the old records, as soon as Daksha (the reincarnated Creator of men and things in the early Third Race) disappeared to make room for that portion of mankind which had "separated". This is how the Commentary explains the details that preceded the "Fall":- Pg. 192.

30. In the initial period of man's Fourth evolution, the human kingdom branched off in several and various directions. The outward shape of its first specimens was not uniform, for the vehicles (the egg-like, external shells, in which the future fully physical man gestated) were often tampered with, before they hardened, by huge animals, of species now unknown, and which belonged to the tentative efforts of Nature. The result was that intermediate races of monsters, half animals, half men, were produced. But as they were failures, they were not allowed to breathe long and live, though the intrinsically paramount power of psychis over physical nature being yet very weak, and hardly established, the 'Egg-Born' Sons had taken several of their females unto themselves as mated, and bred other human monsters. Later animal species and human races becoming gradually equilibrated, they separated and mated no longer. Man created no more - he begot. But he also begot animals, as well as men in days of old. Therefore the Sages (or wise men), who speak of males who had no more will-begotten off-spring, but begat various animals along with Danavas (giants) on females of other species - animals being as (or in a manner of) Sons putative to them; and they, (the human males) refusing in time to be regarded as (putative) fathers of dumb creatures - spoke truthfully and wisely. Upon seeing this (state of things) the Kings and Lords of the Last Races (of the Third and the Fourth) placed the seal of prohibition upon the sinful intercourse. It interfered with Karma, it developed new (Karma). They (the divine Kings) struck the culprits with sterility. They destroyed the Red and Blue Races Pg. 192.

31.

How was the separation of the sexes effected? it is asked. Are we to believe in the old Jewish fable of the rib of Adam yielding Eve? Even such belief is more logical and reasonable than the descent of man from the Quadrumana without any reservation; as the former hides and esoteric truth under a fabulous version, while the latter conceals no deeper fact than a desire to force upon mankind a materialistic fiction. The rib is bone, and when we read in Genesis that Eve was made out of the rib, it only means that the race with bones was produced out of a previous race and races, which were "boneless". This is an esoteric tenet spread far and wide, as it is almost universal under its various forms. Pg. 193:

32.

To return, however, once more to the history of the Third Race, the "Sweat-Born" and the "Egg-Bearing", and the "Androgyne". Almost sexless, in its early beginnings, it became bisexual or androgynous; very gradually of course. A passage from the former to the latter transformation required numberless generations, during which the simple cell that issued from the earliest parent, (the two in one), first developed into

a bisexual being; and then the cell, becoming a regular egg, gave forth a uni-sexual creature. The Third Race-mankind is the most mysterious of all the hitherto developed five races. The mystery of the "How" of the generation of the distinct sexes must, of course, be very obscure here, as it is the business of an embryologist and specialist, the present work giving only faint outlines of the process. But it is evident that the units of the Third Race humanity began to separate in their pre-natal shells, or eggs, and to issue out of them as distinct male and female babes, ages after the appearance of its early progenitors. And, as time rolled on its geological periods, the newly-born sub-races began to lose their natal capacities. Toward the end of the fourth sub-race, the babe lost its faculty of walking as soon as liberated from its shell, and by the end of the fifth, mankind was born under the same conditions, and by the same identical process as our historical generations. Pg. 197.

33.

The Fourth Race developed speech.

The Commentaries explain that the First Race- the ethereal or astral Son of Yoga, also called "Self-Born" was, in our sense, speechless, as it was devoid of mind on our plane. The Second Race had a "Sound-language", to wit, chant-like sounds composed of vowels alone.

The Third Race developed in the beginning a kind of language which was only a slight improvement on the various sounds in Nature, on the cry of gigantic insects and of the first animals, which, however, were hardly nascent in the day of the "Sweat-Born" gave birth to the "Egg-Born", (the middle Third Race); and when these, instead of "hatching out" (may the reader pardon the rather ridiculous expression when applied to human beings in our age) as androgynous beings, began to evolve into separate male and female; and when the same law of evolution led them to reproduce their kind sexually, an act which forced the creative gods, compelled by Karmic law, to incarnate in mindless men; then only was speech developed. But even then it was still no better than a tentative effort. The whole human race was at that time of "one language and of one lip". This did not prevent the last two sub-races of the Third Race from building cities, and sowing far and wide the first seed of civilization under the guidance of their divine instructors, and their own already awakened minds. Let the reader also bear in mind that, as each of the seven races is divided into four ages- the Golden, Silver, Bronze, and Iron Age- so is every smallest division of such races; p.198

34.Ft. note. - To avoid confusion, let the reader remember that the term Root-Race applies to one of the seven great Races, sub-race, to one of its Branches, and Family-Race to one of the sub-divisions, which include nations and large tribes.

35. Monosyllabic speech; that of the first approximately fully developed human beings at the close of the third Root-Race, The "golden-coloured" yellow-complexioned men, after their separation into sexes, and the full awakening of their minds, Before that, they communicated through what would now be called "thought-transference," through, with the exception of the Race called the "Sons of Will and Yoga"- the first in whom the "Sons of Wisdom" had incarnated- thought was but very little developed in nascent physical man, and never soared above a low terrestrial level. Their physical bodies belonging to the Earth, their Monads remained on a higher plane altogether. Language could not be well developed before the full acquisition and development of their reasoning faculties.

36. This monosyllabic speech was the vowel parent, so to speak, of the monosyllabic languages mixed with hard consonants, still in use amongst the yellow races which are known to the anthropologist.

37. The present yellow races are the descendents, however, of the early branches of the Fourth Race. Of the Third the only pure and direct descendents are, as said above, a portion of the fallen and degenerated Australians, whose far distant ancestors belonged to a division of the seventh Sub-Race of the Third. The rest are of mixed Lemuro-Atlantean descent. They have since then entirely changed in stature and intellectual capacities. Pg. 199.

38. Thus two by two, on the Seven Zones, The Third(Race) Gave birth to The Fourth(Race men). The Gods became No-Gods (Sura became a-Sura).(a). Pg. 227.

39. The First(Race) on every zone was moon-coloured(yellow white); the Second yellow, like gold; the Third, red; the Fourth, brown, which became black with sin. The first seven human(shoots) were all of one complexion in the beginning. The next(seven, the sub-races) began mixing their colours.(b). Pg. 227.

40. Ft.note. Pg. 227.

Strictly speaking, it is only from the time of the Atlantean brown and yellow giant Races, that one ought to speak of Man, since it was the Fourth Race only which was the first completely human species, however much larger in size than we are now. In "Man"(by two chelas), all that is said of the Atlanteans is quite correct. It is chiefly that race which became "black" with sin that brought the divine names of the Asuras, the Rakshasas and the Daityas into disrepute, and passed them on to posterity as the names of fiends. For, as said, the Suras(gods) or Devas having incarnated in the wise men of Atlantis, the names of Asuras and Rakshasas were given to the Atlanteans; which names owing to their incessant conflicts with the last remnants of the Third Race and the "Sons of will and Yoga", have led to the latter allegories about them in the Puranas. "Asura was the generic appellation of all the Atlanteans who were the enemies of the spiritual heroes of the Aryan (gods)". (Man, Pg. 97) Pg. 227.

41. Therefore the FLAMES, whose functions are confused in exoteric books, and who are called indifferently Prajapati, Pitris, Manus, Asuras, Rishis, Kumaras, etc. etc. are said to incarnate personally in the Third-Root-Race and thus find themselves "reborn" over and over again".

42. Not so for the Third Race -- the Root-Race -- which separated into sexes, and which was the first to be endowed with reason. Man evolved ~~prri~~ <sup>per</sup> passu with the globe, and the latter having "incrustated" more than a hundred million of years before - the first human sub-race had already begun to materialize or solidify, so to say.

43. The evolution of these races, their formation and development of the three geological strata, from which the human complexion was as much derived as it was determined by the climates of those zones, It names three great divisions, namely, red-yellow, the black, and the brown-white. The Aryan races, for instance, now varying from dark brown, almost black, red-brown-yellow, down to the whitest creamy colour, are yet all of one and the same stock- the Fifth Root-Race- and spring from one single progenitor, called in Hindu exotericism by the generic name of Vaivasvata Manu; Pg. 250.

44. The light yellow is the colour of the first solid human race, which appeared after the middle of the Third Root Race(after its fall into generation- as just explained), bringing on the final changes. For, it is only at that period that the last transformation took place

44-Continued.

Which brought forth man as he is now, only on a magnified scale. This Race gave birth to the Fourth Race; Pg. 250.

45. "Siva" gradually Transforming that portion of Humanity which become "black with sin" into red-yellow (the red Indians and the Mongolians being the descendants of these) and finally into Brown-white races- which now, together with the yellow races, form the great bulk of Humanity, Pg. 250

46. For the Monads and fishes of lower forms- which they certainly are. For the Monads have passed through all these forms of being up to man, on every planet, in the Three preceding Rounds; as well as every subsequent Globe, from A to G, having been, and still having to be the arena of the same evolution, only repeated each time on a more solid material basis. Therefore the question;-- "What relation is there between the Third Round astral prototypes and ordinary physical development in the course of the origination of pre-mammalian organic species?"

47. And man passed through all his metamorphoses on this globe in the Third Round as he did in this his Fourth Cycle. The Third Round types contributed to the formation of the type in this one. On strict analogy, the cycle of Seven Rounds in their work of the gradual formation of man through every kingdom of Nature, are repeated on a microscopical scale in the first seven months of gestation of a future human being. Pg. 257

48. It is not denied that in the preceding Round man was a gigantic ape-like creature; and when we say "man" we ought perhaps to say, the rough mould that was developing for the use of man in this Round only. -the middle, of the transition point of which we have hardly reached. Nor was man what he is now during the first two and a half Root-races. That Point he reached, as said before, only 18,000,000 years ago, during the secondary period, as we claim. Pg. 261.

49. There is a period of a few millions of years to cover between the first "mindless" race and the highly intelligent and intellectual later "Lemurians"; there is another between the earliest civilization of the Atlanteans and the historic period. Pg. 263.

50. Happily for the human race the "elect race" had already become the vehicle of incarnations of the (intellectually and spiritually) highest Dhyanis before humanity had become quite material. When the last sub-race--save some lowest--of the Third Race had perished with the great Lemurian continent, "the seed of the Trinity of Wisdom" had already acquired the secret of immortality on earth, that gift which allows the same great personality to step at libitum from one worn out body into another. Pg. 276.

51. "Man was the first and highest (mammalian) animal that appeared in this (Fourth Round) creation. Then came still huger animals; and last of all the dumb man who walks on all fours." For, the Rakshasas (giant-demons) and Daityas (Titons) of the "White Dwipa" (continent) spoiled his (the dumb man's) Sires." (Commentary). Pg. 288.

52. "We (the Fifth Root-Race) in our first half (of duration) onward (on the now ascending arc of the cycle) are on the mid-point of (or between) the First and the Second Races-- falling downward, (i.e., the races were then on the descending arc of the cycle)..... Calculate for thyself, Lanoo, and see." (Commentary) XX.

53. Calculating as advised, we find that during the transitional period—namely, in the second half of the First Spiritual ethero-astral race—nascent mankind was devoid of the intellectual brain element. As it was on its descending line, and as we are parallel to it, on the ascending, we are therefore devoid of the Spiritual element, which is now replaced by the intellectual. For, remember well, as we are in the manasa period of our cycle of races, or in the Fifth, we have, therefore, crossed the meridian point of the perfect adjustment of Spirit and Matter—or that equilibrium between brain and intellect and Spiritual perception. One important point, however, has to be born in mind.

We are only in the Fourth Round, and it is in the Fifth that the full development of Manas, as a direct ray from the universal Mahat— a ray unimpeded by matter— will be finally reached. Nevertheless, as every sub-race and nation have their cycles and stages of development— evolution repeated on a smaller scale, it must be the more so in the case of a Root-Race. Our race then had, as a Root-Race, crossed the equatorial line and is cycling onward on the Spiritual side; but some of our Sub-Races still find themselves on the shadowy descending arc of their respective national cycles; while others again— the oldest— having crossed their crucial point, which alone decides whether a race, a nation, or a tribe will live or perish, are at the apex of Spiritual development as sub-races. Pgs. 300-301.

54. The possession of a physical third eye, we are told, was enjoyed by the men of the Third Root-Race down to nearly the middle period of Third Sub-race of Fourth Root-Race, when the consolidation and perfection of the human frame made it disappear from the outward anatomy of man. Psychically and Spiritually, however, its mental and visual perceptions lasted till nearly the end of the Fourth Race, when its functions, owing to the materiality and depraved condition of mankind, died out altogether before the submersion of the bulk of the Atlantean continent. Pg. 306.

55. Thus it becomes clear that the Manu— the last one, the progenitor of our Fourth Round Humanity— must be the seventh, since we are on our Fourth Round, and there is a root-Manu at globe A and a seed-Manu at globe G. Just as each planetary Round commences with the appearance of a 'Root-Manu' (Dhyan Chohan) and closes with a 'Seed Manu', so a Root and Seed Manu appear respectively at the beginning and the termination of the human period on any particular planet. It will be easily seen from the foregoing statement that a Manu-antaric period means, as the term implies, the time between the appearance of two Manus or Dhyan Chohans; and hence a Minor Manvantara is the duration of the seven races on any particular planet, and a major Manvantara is the period of one human round along the planetary chain. Pg. 308-9.

56. Thus it is shown that there is no real discrepancy in speaking of the Vaivasvata Manvantara (Manu-antara, lit. "between two Manus") 18,000,000 odd years ago, when physical, or the truly human man first appeared in this Fourth Round on this earth; and the other Vaivasvatas, e.g., the Manu of the Great Cosmic or sidereal Flood (a mystery), or again the Manu Vaivasvata of the submerged Atlantis, when the racial Vaivasvata saved the elect of Humanity, the Fifth Race, from utter destruction. Pg. 310.

57. "

"During the first seven crores of the Kalpa ( 70,000,000 years) the earth and its two Kingdoms (mineral and vegetable), one already having achieved its seventh circle, the other, hardly nascent, are luminous and semi-etherial, cold, lifeless, and translucid. In the eleventh crore the mother (earth) grows opaque, and in the fourteenth the throes of adolescence take place. These convulsions of nature (geological changes) last till her twentieth crore of years. uninterruptedly, after which they become periodical, and at long intervals".

58. The last change took place nearly twelve crores of years ago (120,000,000). But the Earth with everything on her face had become cool, hard and settled ages earlier.

59. Thus, if we believe esoteric teaching, there have been no more universal geological disturbances and changes for the last 120 millions of years, and the Earth was, even before that time, ready to receive her human stock. The appearance of the latter, however in its full physical development, as already stated, took place only about eighteen millions of years ago, after the first great failure of nature to create beings alone, without the help of the divine "Fashioners", had been followed by the successive evolution of the first three races (See above Stanzas LIII. et seq.) The duration of the first two and a-half Races is withheld from all but the higher Initiates. The history of the Races begins at the separation of the sexes, when the preceding egg-bearing androgynous race perished rapidly, and the subsequent sub-races of the Third Root-Race appeared as an entirely new race physiologically. It is this "destruction" which is called allegorically the great "Vaivas vata Manu Deluge", when the account shows Vaivasvata Manu (our "Humanity") remaining alone on the Earth in the Ark of Salvation towed by Vishnu in the shape of a monstrous fish, and the seven Rishis "with him", Pg. 313

60. (They the Lemurians.) built huge cities. Of rare earths and metals they built. Out of the fires (lava) vomited. Out of the white stone of the mountains (marble) and the black stone (of the subterranean fires) they cut their own images, in their size and likeness, and worshipped them(a).

61. Gradually, mankind went down in stature, for even before the real advent of the Fourth or Atlantean race, the majority of mankind had fallen into iniquity and sin, save the hierarchy of the "Elect", the followers and disciples of the "Sons of Will and Yoga" - called later the "Sons of the Fire Mist".

62. Then came the Atlanteans; the giants whose physical beauty and strength reached their climax, in accordance with evolutionary law, toward the middle period of their fourth sub-race. But as said in the Commentary;- pg. 319.

63.

Now our Fifth - Root-race has already been in existence - as a race sui generis and quite free from its parent stem - about 1,000,000 years; therefore it must be inferred that each of the four preceding Sub-races has lived approximately 210,000 years; thus each Family race has an average existence of about 30,000 years. Thus the European "Family race" has still a good many thousand years to run, although the nations, or the innumerable spines upon it, vary with each succeeding "season" of three or four thousand years. It is somewhat curious to mark the comparative approximation of duration between the lives of a "Family race" and a "Sidereal Year".