

The WOODREW Update

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THE EXCITEMENT OF TOMORROW'S SCIENCE

"THE EXCITEMENT OF TOMORROW'S SCIENCE WILL BE IN THE DISCOVERY OF THE AMINO ACIDS' MEMORY STORAGE CAPACITIES." With this statement and a twinkle in her eye, Tauri, our very dear extraterrestrial friend, exited the channel. It's exciting for us when a communication foretells a path which humanity will follow, even if it's in a field with which we are only marginally familiar. Biology, with its expanding excursions into bioengineering, is a 'hot' field, both scientifically and commercially. For those without background to understand the prediction we offer this abbreviated and simplistic overview.

The basic building blocks of cellular life on the planet, and perhaps elsewhere as well, are four nucleotides and twenty amino acids. The nucleotides make up the DNA or GENE, the long thread-like molecules that are responsible for storing the genetic code within each cell. The DNA is literally the substance of heredity, and carries the essence or character of the organism from generation to generation. Every organism uses the same genetic code. The instructions that a bacterium carries in its genes are written in the same language that is used in hemlocks and hamsters and human beings. Evolution is based on the modification of these genetic instructions.

The twenty amino acids take their instructions from the genes and form the required proteins, the substances that allow the organism to live and function. There are between three and four million genes in every cell, giving each cell the ability to make that many different proteins. However, only one specific gene is turned on to make its unique protein, and it is NOT a random choice. Even though every cell within our body is identical, the protein called for causes the cell to specialize in its function. It is this sequence that differentiates brain cells and red blood cells and all of the other specialty cells

in the body. At this point in our learning curve science has not uncovered the mechanism that turns on that one specific DNA sequence out of the millions there are to choose from. (In the Jan./Feb. '85 Update, we talked about the mechanisms that created life on earth, the nucleotides and amino acids. We described how they are ready to adapt to the changing environment and create life forms to live in the stepped-up vibrational theater of tomorrow.)

Our current scientific understanding has all of the genetic memory and protein creating recipes within the DNA strands. The "central dogma" of molecular genetics says that there is no storage information in the protein molecules, the product of the amino acids. With this in mind, now review Tauri's statement: "THE EXCITEMENT OF TOMORROW'S SCIENCE WILL BE IN THE DISCOVERY OF THE AMINO ACIDS' MEMORY STORAGE CAPABILITIES." It opens up infinite possibilities for biological advancement!

Evolution & Communication

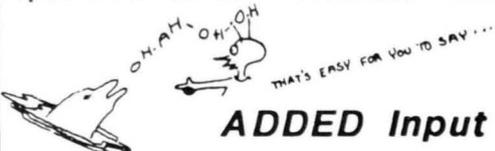
In the May/June '84 Update we wrote on Non-Verbal Communication and the lesson the Ogatta group gave us. Tauri had slapped our wrists gently when we asked about the evolutionary level of a particular animal group. "You humans like to think of yourselves as the highest life form on the planet. Yet you cannot communicate with any other species, all of whom you consider lower on the scale of evolution. We don't think 'higher' or 'lower', but point out that within a species their evolution is sufficient for them to communicate fully and totally with the other members. The only specie that is perhaps incapable of total communication with its own...at least by performance to date...is MAN. You humans should evolve to the level that you can recognize and communicate with other earth species."

YOU SHOULD SEE
THE UNABRIDGED
VERSION.

DOLPHIN IN
PARTNERSHIP

To add fuel to the discussion Tauri asked us, "How many words do you think the average human has in his vocabulary?" After some thought, and trying to weigh the worldly averages we replied, "About 3000." "And how many words do you think the average Dolphin has in his vocabulary?" Now that was a loaded question. After some hesitation we answered the question with a question, "How many?" The answer was staggering. "They have about 10,000 which they build syllabically." It was mind boggling!

Now studies by anthropologists at UCLA begin to shed light on this valued lesson. At the annual meeting of the American Association for the Advancement of Science (AAAS), it was reported that wild vervet monkeys have "vocal repertoires that are far larger than originally believed." Moreover, computer analysis of the monkey's specific 'conversational' sounds reveals them to be surprisingly similar in some ways to human speech. "It's like watching humans in conversation," said UCLA's Robert Seyfarth. He adds that his research opens up the possibility that other animals may have natural communication systems in the wild that are far more developed than is now believed. Believe it!



After reading the Hollow Earth article in our last newsletter an Updater sent us a copy of Ruth Montgomery's Aliens Among Us. There, on pages 26 & 27, Montgomery's guides give us their thoughts: "The extraterrestrials do not have a base in your oceans, and we have previously told you that there is nothing to the 'hollow earth' theory, of a civilization operating beneath the surface of the earth. The extraterrestrials come and go at will because of their ability to disintegrate solids and reassemble them wherever they wish. This is a law of the universe that is not yet fully understood on planet earth, but it does not defy natural laws. They travel from other planetary systems to the earth plane by thought...they can 'think' the apparatus that they have previously dissolved into being in the earth's atmosphere, and this ability will one day be understood and used by earthlings in the New Age to come...extraterrestrials from more advanced realms are constantly visiting earth, and can go and come at will due to their understanding of the Law of Thought."

The Ogatta group has not commented on the 'hollow earth' theory, nor have we asked. The technology involving the Law of Thought as recounted by R.M.'s guides, however, allowing advanced civilizations to travel the cosmos by traversing space, time and dimensions does dovetail and agree with what the Ogatta group has told us about their mode of travel.

Additionally, as we comment of the changes to come and the heightened vibrational aspects of the tomorrow in which we must be prepared to live, so too do the Montgomery guides speak of these changes: "The Aquarian constellation represents the powerful, spiritually charged waves of electromagnetic and spiritual energies bombarding the earth and transforming the vibrations of all things moving, living, breathing, or merely sitting upon her. All energy is being transmuted to a higher frequency. Therefore, only souls who are able to stand these new energies will be able to remain on the planet as we pass the year 2000."

We did speak with the Ogatta group about vibrational changes. It troubled us, within the context of a 'life eternal', that there may be many humans who will be unable to handle the stepped-up vibrations of the Aquarian Age. What would become of them? Where will they go? How will they evolve? On this matter the Ogatta group assured us that a planet was being readied onto which these souls will be born. The planet will be of the same vibrational rate and energies that planet earth was before the changes started. In this more suitable environment those souls who need more time will evolve. The conversation was gentle and reassuring.

It's WILD!



Most of us have heard about either the Abominable Snowman...North America's Bigfoot...or the Himalayan Yeti. Lately, however, there is something new stalking the backwoods and mountains of China and these creatures have been named Yeren ("wildmen"). Asiaweek Magazine in Hong Kong recounted a few of the more than 300 reported Chinese sightings of the ape-like creatures. World Press Review wrote its 'Global Focus' on these "wild men, wilder women." The latter, it seems, have been kidnapping peasant men in Tibet! Travelers, take note...



Toward a Higher Evolution

What would your value structure be if you KNEW without a shadow of a doubt that you live forever; that this 'lifetime' is but a 'day in the classroom' of eternity? Where would you place your emphasis? How would you change your ways?

In the Jan/Feb 1982 Update we wrote of the Life Continuum. Now, much is being written about out-of-the-body-experiences (OBEs), and near-death-experiences (NDEs). A Gallup Poll reported that about eight million adult Americans have experienced an OBE or NDE, where a person pronounced clinically dead survives and reports a total 'living' experience while physically dead. Moreover, in a study published in The Journal of Nervous and Mental Disease, Updater Dr. Fowler Jones, together with Drs. G.O. Gabbard and S.W. Twemlow, stated, "One of the most significant findings of our study was that the vast majority of out-of-the-body-experiences, 90 percent in our sample, do NOT occur during a NDE. Only 10 percent of our subjects reporting OBEs described them as occurring near death state." Instead, they noted, "...altered states of consciousness in which one perceives that his mind or awareness is separated from his physical body are quite prevalent among persons whose survival is not threatened."

If this study and the Gallup Poll are correct, then the eight million NDEs are only a small percentage of all OBEs, and we can conclude that humanity is well on the path to a higher evolutionary phase. As Dr. Kenneth Ring noted in HEADING TOWARD OMEGA, "I believe that a significant number of persons have already evolved or are evolving toward a new and higher mode of consciousness and that the near-death-experience can be viewed as an evolutionary force to bring about this transformation, over a period of years, in millions of persons."

Corroboration of the Ogatta group's "scenario" comes from case studies of NDEs in Dr. Ring's book. Under the heading "The General Scenario recounted in Prophetic Visions" he writes: "The individuals report that in this decade there will be an increasing incidence of earthquakes, volcanic activity, and generally massive geophysical changes. There will be a resultant disturbance in weather patterns and food supplies. The world economic system will collapse,

and the possibility of nuclear war or accident is very great. All of these events are transitional rather than ultimate, however, and they will be followed by a new era in human history marked by human brotherhood, universal love, and world peace. Though many will die, the earth will live..."

All of them, he said, had essentially the same vision: one of widespread and cataclysmic destruction. Furthermore, they all appeared to agree on the year in which these events were to take place: 1988. That date strikes home. Ever since Greta was a little girl, she has been talking about 1988 as being a cataclysmic year of great changes. ("I have been consumed with curiosity about the year 1988 for close to half a century.") We shy away from specifics, but when one strikes so closely, we must note it.

"WHAT IFs"

It's over two years since Dick and I moved to the mountains. "Survivalists at your age?" and "You have the courage of your convictions!" are the two repetitive phrases we hear. Well, there are all kinds of courage and many ways to survive. The real courage was in pulling up three decades of roots, leaving our children (albeit grown children), friends and community, to become strangers in a strange land." Grok!

WHAT IF nothing happens? Photographer Carl Krupp who moved from downtown Chicago to the woods of southern Oregon at about the same time we made our own transition writes, "As we find more answers to the 'what ifs,' we become more secure, making us even more optimistic about our (move) and our future." We feel the same way. We have made new friends and learned new skills. After all, we did not come here to retire but rather to live! We are busier than ever, and we would like to feel that we have given a new lease on life to some of our S.T.A.R. supporters. We "think and relate" every day on different levels of consciousness. Like the Krupps, we have interwoven survivalist ideas into our daily existence.

We have redone the house to meet our present and future needs. We told you all about the changes, remember? Insured pure water through gravity-feed. Remineralized the soil. Built underground storage rooms. Put in a generator. Installed a wood stove. Prepared gardens. Worked out flaws for lighting/cooking/heating. Thought out future



food and clothing storage plans. Built the S.T.A.R. House facility. Should Man's inhumanity to Man or Nature's Plan move in on us quickly and catastrophically, we can switch gears. If the strikes occur. If the earth tremors. If the power fails. And what if NONE of this is necessary?

Well, Reisha Way will continue to wrap its arms around our family and friends as it does now, creating its own magic: dinners by candlelight..silver, crystal, china, linen..fine wines. Why not! We have worked hard over the years and earned the right to entertain ourselves and others in a gracious manner. While peach-tones and treasures gathered during global travels give great pleasure, simultaneously preparations are always in progress for the WHAT IFS. I see no incongruities in priming the generator's pump...and 'flowering' my radishes.

We hope to handle changes with equanimity if and when they occur. We believe they will. We are being ringed within a 25 mile radius by like-minded people who agree with us. Back in the '70s when we talked about changing weather patterns ahead, the common response was one of "Oh, there have always been erratic weather patterns." In these '80s, the changes are now the norm. All-time weather records were set this very year all around the world. Crops, land and people suffered and died untimely deaths. If we are wrong about all the rest of it, no harm done. The house and land stand ready to serve. If we are right, we are putting ourselves into position to help ourselves and to help others to do the same.

WELL, IT CERTAINLY IS
A "BIG" IF.



When the Indians became sick, one of the first things they did was to enter the forest, rich in negative ions, where they would breathe deeply and sit with their back against the trunk of a tree. This way they grounded themselves, 'sitting in the lap of the Mother' as they put it, to receive healing.

On our all-important WATER SUPPLY

Fresh water is a newable resource and, if properly managed, can adequately supply man's needs in the future. Such vast quantities are needed, however, that it has not proven to be practical to move it or trade it like other vital resources.

The Worldwatch Institute in its "State of the World 1985" report states: "Each year, the sun's energy lifts some 500,000 cubic kilometers of water from the earth's surface-- 86 percent from the oceans and 14 percent from land. (One cubic kilometer is the equivalent of about 264 billion gallons.) An equal amount falls back to earth as rain, sleet or snow, but fortunately not in the same proportions. This solar-powered cycle annually distills and transfers 38,800 cubic kilometers of water from the oceans to the continents. To complete the natural cycle, the water then makes its way back to the sea as 'runoff'. Under the planet's existing climatic conditions, approximately the same volume is made available each year. For each human inhabitant there is now an annual renewable supply of 8,300 cubic meters, several times the amount needed to sustain a moderate standard of living."

Then why should we have an impending water crisis? Through most of our history, water use expanded at a moderate pace. In this century, however, use has soared to keep pace with the demands of rapid industrialization and an exploding world population. Given existing climatic conditions and current population projections, the per capita global water supply at the end of the century will have declined by 24 percent. (We have little faith in extrapolations that use existing climatic conditions. The weather is becoming more extreme and more unreliable.)

The consequences of current mismanagement of the world's water supply are: 1) Depleting aquifers, those underground storage areas that are essentially nonrenewable. 2) Groundwater overdrafts that exceed the sustainable supply and cause drastic drops in the water tables. 3) Overpumping of coastal wells that allow intrusion of saltwater. 4) Diversion of water supplies that cause lakes and rivers to shrink and dry up. 5) Deforestation and overgrazing that disrupt the water flow and absorption of the terrain causing soil erosion, rapid runoff, flooding, declining crop production and, in the extreme, drought.

The Worldwatch Institute writes that some governments are recognizing the water problem and are reorganizing their water management. They are insuring an adequate supply of water for their future by instituting sensible measures today. More countries must do the same.

A "FAMILY" Newsletter?

The range of reactions to some of our pieces is broad. If I had to pick the one piece that drew the most comment this year, it would be "Mother of the Brides." But last month, we had a stirring based on one sentence concerning the sperm cell count of males being down by 50%. What else interests people and keeps us 'updated'? A letter from one of our Mississippians questioned why we didn't give more cosmic connections... hard-core data...why we presented personal matters. It was an interesting letter with well-taken points, but it also is a double-edged problem because we really consider all of you 'extended family.' Also, we write many editorials in a "think and relate" way, using personal material as a springboard for considering ideas that extend beyond the obvious.

For example: In the last few months, there have been a rash of major events in our lives which jogged my destiny. Within **one** nine-week period we saw our elder daughter get married...closed a business of 35 years duration...buried a parent...saw our younger daughter get married...completed the building and furnishing of the S.T.A.R. House facility and got news that we were (finally) going to become grandparents! Clustered together, it was alternately a time in which to rejoice..agonize..contemplate. Life...death...transition. Growth...change...evolution. Perhaps the particulars are not your own, but the frame of reference must be familiar? My personal reflections are meant to trigger a theme upon which perhaps you can resonate.

What else do we try to share with our 'extended family?' We are investigating many things outside today's paradigms. Even scientists...true scientists...do not ever know exactly where their investigations will lead them. They are 'exploring' possibilities. When one's today's are concerned with futurisms, the bottom line can be 'if-fy.' "Hope lies in the ill-defined and unexplored margins of knowledge and existence," writes Update/author Chris Bird, "including such arcana as radionics, psychotronics, dowsing and parapsychology" (all of which we have written about.)

Much of what we put into the Update has already been reported. We use a great deal of this data to emphasize trends that are often overlooked. There is no question that there have been geological and seismological events throughout history as well

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as sociological and economic upheavals on an on-going basis. If you view these events as simply the 'normal state of affairs,' then you may not be prepared for the major crescendo of change that these events are orchestrating. We also give you this data so that you have a context within which to place the information we receive paranormally. Without such a context, we believe, the paranormal information is very difficult to assess and understand.

We always appreciate your critiques, comments and input. We are all in this together, and we can learn from one another. So, together, let's explore the awesome possibilities and hopefully, in the process, continue to make this a viable, interesting, 'family' newsletter for S.T.A.R. supporters all over the U.S.A., Canada and 14 other countries.

On Relativity

The energy from the sun powers the earth and all life forms residing thereon. Sometimes we think of the sun as our own private power plant, and in one sense, indeed it is. In another sense, however, we are the recipients of such a minute part of its radiated energy that we must wonder if 'King Sol' recognizes the existence of planet earth at all. The current scientific reading of our sun...one of more than 100 billion stars in the Milky Way galaxy...goes something like this:

Scientists calculate that every second of its life the sun converts 657 million tons of hydrogen into 653 million tons of helium. The 4 million tons of mass that are missing are radiated into space as energy. The earth receives approximately two-billionths of this radiant energy. The balance of the sun's radiated energy diffuses throughout the solar system and the universe, irretrievable but persisting forever. Perhaps part of its beneficial frequencies are visited upon "other worlds?"

It's "TIME"

Hello, America! Our editor, Jill Smolowe, joined TIME magazine from Newsweek International where she was an Associate Editor for the last four years. At TIME, Jill is writing in World division, and her by-line is rightly prominent. In the past year, Jill was the recipient of the Page One Award for Crusading Journalism, the Overseas Press Club Citation and the Odyssey Institute Media Award for Excellence. We are duly proud of our editor!

ON A BALANCED BUDGET

David Stockman has left the Washington scene, but the message that remains becomes clearer and clearer. There is NO way within our present political structure that the federal budget can or will be balanced. Federal budgets must continue to grow until the current deficit is so large that it brings about the downfall of the "business as usual" approach of our government...and forces a massive restructuring of our system.

Mr. Stockman, called by supporters and adversaries alike the "best budget director since the office was established by Mr. Nixon in 1971," was relentless in his pursuit of a balanced budget. His ability to work long hours and to understand the line-by-line detail was legendary. Despite his budget cutting zeal, he watched the deficit zoom from \$58 million when the Reagan administration took office to an estimated deficit exceeding \$200 million in this current year. Was Stockman a success or a failure? Is it possible to rein in these increasing deficits?

Charles Schultze, a former budget director, said, "David Stockman drove federal spending as a share of GNP (Gross National Product) back to where it was before 1940, if you take out military spending, interest, Social Security and Medicare. It really was a revolution."

We propose that the increasing budget deficit is one of the major signs heralding massive change in our political system before the year 2000. For the last four years the United States has had a conservative president dedicated to a balanced budget. It also had an extraordinarily competent and driven budget director devoting his skills and efforts to accomplish the balance. Their combined efforts have resulted in a deficit 2-1/2 times the fiscal 1981 level. There can be no hidden meaning in the results.

\$ On Debt \$

On the government's debt, Donald Hoppe points out that "Government debt is the equivalent of money. Only economists can be so dense as not to recognize this. To the ordinary citizen, businessman or investor, however, truth is not defined by academic hairsplitters but by obvious realities. And anyone holding a Treasury bill, shares in a money fund or even a government bond, regards these holdings as the equivalent of cash, because they can be converted to cash with

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W little delay or inconvenience." Mr. Hoppe also points out that "America's consumption boom of the past four years has been financed by an unprecedented accumulation of debt and the continued liquidation of assets. We have gone from being the world's largest international creditor, to being the largest international debtor in these same four years.

Squandering a Valuable Resource

The health, fertility and productivity of our soil are of key importance to our future. Yet we are squandering our soil with both hands. North America's virgin soil of 150 years ago may have had 25 tons-per-acre of micro-organisms; today's soils generally have less than 5 tons per acre. Moreover, wind and erosion, spread over 100 million acres of U.S. farmland, cost the country about 5 billion tons of prime topsoil every year.

Some of the problem may lie with government subsidies that make it highly profitable for farmers to plough up grassland ill-suited for crops. Subsidies provide a great temptation to overplant--if only to collect money later for not planting. Petrochemical farming further adds to the 'decline and fall' of the soil. Conjecture: Maybe it's time to take some lessons from an Eastern culture, which may not be as technologically advanced as we are, but which, after a 6000-year history of living on the same land, has maintained the fertility and health of its soils...China.

The AGRICULTURAL decade

In the May issue of Acres, USA, Garry Bales started his editorial comments, "Toward a New Farm Bill," by summing up the farm results of the period just completed. "Economic experimentation with agriculture for the past decade or so can be correlated with: 1. Unprecedented indebtedness and loss of capital. 2. Record-setting losses of topsoil. 3. The rapid depletion of unreplenishable water. 4. A 90% decline in wildlife in the farm belt. 5. And the degradation of the farmer and his family by stress, severe depression, financial ruin, alcoholism and suicide rates twice as high as the national average. The economic, environmental and human degradation visible in the farming areas of America are every bit as much a threat to our national security as any ideological enemy abroad." These results certainly point to dramatic changes to come in our critical agriculture sector.

MANNED SPACE: Now and Then

[Updater Mark Goodkind was in the Manned Space Program at the Kennedy Space Center from 1961-1980. He held positions as Launch/Test Conductor for Gemini 6 & 7; Lunar Module Manager, Apollo 11 (Eagle); and Operations Manager, Skylab and Shuttle Programs]

"We will land a man on the moon by the end of this decade." With those words, in 1961, John F. Kennedy launched the U.S.A. into its largest peacetime undertaking. It was truly a national goal, and for those of us in the space business, it became all-consuming. "The race" was on, but we didn't realize until much later that our opponent, the Soviet Union, was never in it! A huge government agency (NASA) was born to 'manage' the expenditure of the billions (25 of them to be exact) required to reach the moon. What NASA 'managed' to do was to stifle the creativity of private enterprise, ask for changes upon changes, and generally tie up the program with bureaucratic red tape. Typically, "Big Brother" received much of the credit for success while private industry took it on the chin for failures. And those failures were many and sometimes spectacular. Three astronauts died as a direct result of the program--but ironically those deaths resulted from an accident that occurred on the ground during testing procedures. I was there. Gus Grissom was a special friend of mine. Gus called me at the end of the Gemini Program and asked that I come work on Apollo. He said the Moon program was really "screwed up" and needed help desperately. Three weeks later he died in a fiery accident, but ironically on the ground, not in space as many had predicted. I took that occurrence as a mandate and joined Apollo shortly afterward. There were many other fatalities among the workers, but they certainly didn't make headlines.

The Mercury, Gemini and Apollo Programs stumbled along riddled with huge cost overruns and frustrating schedule delays--as so often happens with government contracts. The name of the game was "work-around" (a term meaning find a different way..this aint working..we can't build the part you designed..it broke..it's late..or, it can't be done!) Rarely were we told that it costs too much!

The minor events hardly made a ripple outside the industry, but to us there were no insignificant happenings. Everything was critical

because of the building block approach upon which the whole program was structured. The major milestones, however, made history: John Glenn's first orbital flight in 1962, the first manned rendezvous in 1965 and finally, on July 20, 1969, Neil Armstrong's now famous words sent 250,000 miles back to a waiting world--"That's one small step for a man,... one giant leap for Mankind."

After the "Eagle" landed, the space program crashed--suddenly became an orphan (a bastard at that!) The public and Congress wondered why we had spent such an enormous amount "just to bring back a few rocks". "Wouldn't we have been better off funding social welfare?" This shortsighted attitude completely overlooked the spin-offs such as microprocessor and medical technology and the literally thousands of other applications to home and industry. Those of us who had given so many years of our lives to this project were faced with the 'what now' syndrome.

The Skylab Program in 1973 was a low budget attempt to refire public enthusiasm for space. The program was technically successful, but apathy remained. The Apollo-Soyez venture in 1975 was a political breakthrough but added little to our technology while probably advancing Russian technology considerably. The Space Transportation System (STS), also known as Shuttle, was born of necessity. NASA desperately wanted to make Space accessible and profitable, while the Air Force, under great budget pressure, needed a reliable, inexpensive way to place and retrieve super-secret spy satellites. Shuttle was fraught with cost and schedule problems, especially in the engine and heat tile areas, but it finally managed to get off the ground in 1981--two years behind schedule!

So, "what now?" Some nine or ten flights later, STS has proven itself as a reliable reusable system; however, the Air Force has yet to use it and recently cancelled its July flight without explanation. Shuttle is still far from cost-effective and probably will remain that way until the government gets out of the business, and private industry takes over and does what it does best. make a profit!

As for me, having been placed on the MX missile...and after 19 years with the Manned Space Program...I made a decision to leave outer space. I now pursue the qualitative aspects of life in a rural setting near Dick and Greta...and expand my horizons in inner space.





MOUNTAIN MUSINGS



This year is our building year, and build we did. Next year is our growing and storage year, and do we ever have lot to learn! We've been collecting literature and data on organic farming methods and the natural approach to enriching the soil. Certainly the short-sighted chemical approach to gardening is not for us. Most issues of the Update include some negative results of the "better living through chemistry" method of farming. Thank you for the articles and data on organic and natural gardening that many of you are sending. Keep the information coming!

As a product of city life, I've had difficulty understanding the true meaning of the soil being 'alive.' None of my sensory inputs respond to a 'living soil.' I can't see, touch or even count life forms in the earth, other than some worms. I know that the darker the texture of the soil, the richer it is. What a thrill it was for Greta and me to drive through Iowa and see really black soil. But the statement of the number of tons of living micro-organisms in the soil, and the decline in this number since the advent of chemical farming, required some study. Here is what I found out about the "average life" that exists one level below my shoe:

A progression from the largest to the smallest life form starts with the earthworm. In old grassland, worms live in a density of two to three million per acre. Charles Darwin estimated that the earthworm shifts ten tons of soil and vegetable matter through its intestinal canal every year, extracting from it the decaying matter on which they feed. And recently, "Acres, USA" noted that the worm population is insignificant to those of some of the micro-organisms engaged in the same work. "Of acarinae, or mites, there are some 950 million per acre; of nematodes or eelworms, more than 81,000 million per acre; of insects, chiefly springtails, about 380 million per acre. But when we come to bacteria, algae, and other minute fry, we are forced to reckon the population per gram of soil. For bacteria it is, on a rough average, 1,000 million per gram."

Since becoming aware of these numbers, we've been walking more lightly as we wander around Reisha Way and the S.T.A.R. House!

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S.T.A.R. House Update

Last month you received the original artist's rendering of the S.T.A.R. House. The facility is now in the final stages of completion. The rest of the mountain is being graded and the water, electricity and heating connected. An excitingly conceived open room behind the facility, a "tunnel of light," has been added. To hold the very steep grade 15 feet behind the house we built a retaining wall six-and-a-half feet high. Our creative architect, Bob Andron, suggested that we make use of this space by covering it with a clear double-skinned acrylic sheet used for window walls, skylights and roofs. The result is 68 feet of indoor/outdoor space, totally dry, but open at both ends. To this we have built an outdoor kitchen, consisting of a wood-burning cookstove, a charcoal grill and a woodburning & charcoal grill, all vented through a roofed replica of the S.T.A.R. House. The effect is wonderful! We have added the ability to cook for and feed large numbers of people with the natural resources that abound in these mountains...no electricity or gas needed.

The S.T.A.R. House, with its 6000 square feet of ash, redwood, Cherokee stone and solar wonderment, will soon be open to do the job it was conceived to do. There are four bedrooms for those who prefer staying there to a motel. Within its walls we shall learn more about the paranormal events occurring with greater frequency, share any knowledge gained with as many seekers as possible, and greet many of you who are interested in the work. Most of all, it is there for those who come in search of help that is not available elsewhere. We hope to be able to provide that help...and teach you what we have done...so that you, in turn, can help others in the troubled times ahead. It's coming along, our S.T.A.R. House. **Your S.T.A.R. House!** The "Give or Get" program will help it be self-sustaining. Also, **ON A SLIDE OF LIGHT is now out in trade-size soft cover** (New Age Press, \$7.95) and autographed copies can be obtained from S.T.A.R. (\$7, tax exempt) for your own libraries and for gifts to friends. The new covers..and added Epilogue..have given it a new look. We're pleased with the edition.

"Mind and Body are always Co-Conspirators for Health or Disease."