

Editorial

Bio-Treasure is the Best - A New Principle of Bio-Economics

“Avoid every kind of excess : the abuse of food, alcohol, tobacco, or medicine”.

- Pope John Paul II

Life is the food of life. Life is the whole medicine of life. Chemicals cannot be food of life nor medicine without the long term side effects. Natural biochemicals are the food of life and the whole biomedicines of life. So *Vedas* inspire herbal ecosystems throughout the world. Bio-economics suggests increase in investments in the biotreasure and the related durable infrastructure; and decrease in investment in the high-entropy, very noisy technologies and unhealthy energy generation. This is a hygienic, sustainable strategy of richness globally as it ensures health and happiness of all the people and all species in a healthy environment. Further, the bio is a renewable natural resource of healthy wealth. Nothing is obsolete as technologies. Yet there is variety in the bio. A bio-business is nearly independent of devastating natural disasters and frequent wars due to regenerating powers of healthy genes in the modern times. The slow and steady wins the race. The unethical richness is unlikely to be sustainable globally in the long future. Further, the political parties will also enjoy political powers for a long term, where they support the bio-business, security and kindness, as the vast majority of people will vote for them always. Protected and practically educated people only may become rich persons. If the investment is reduced in the weapons of mass destruction, there may be no more wars of mass destruction in the future, if God helps. Thus, this economic principle may have no major mass-evil-side effects in the long term also.

Nature has gifted us a vast bio-treasure, as if nature knew our needs like a Grand Mother. The fresh healthy herbs have amazing healing properties, compared to those of chemicals. Some herbs (basil or tulsi leaves) have over 100 healing properties. The milk of young healthy cows is the only milk for growth of all babies. Farmers should rear young healthy cows for fresh milk for good health of their families. Their invisible happy bio-radiations heal our hearts and souls. The live thorns of cactus diffuse harmful and strong electromagnetic fields around computers and televisions. If we take care of plants or trees or ants or animals or birds, they radiate more joy (bioradiation) to us automatically. The pets are spreading love and radiations of joy in us and healing us. There is a great international market for the organically grown food grains, fruits and vegetables to protect the health of people. Genetic solutions are catching up. So big global companies are likely to come up in bio-business soon.

Everything artificial has side effects which are the cause of chain reactions of other side effects too increasing with time. Entropy auditing may create a lasting heaven on the earth (John A. Hudson). Wise creativity is good but its abuse is not good. So the nature is the best engineer. Nature is using nano-bio-technology (A.P.J. Kalam). The bright

beautiful colours of feathers of butter flies and peacocks do not fade away even after the death, unlike colours of matter, due to nano-bio-technology. Nature will remain the best nano-bio-engineer. After all nature has created us all. Mother Nature is motherly (Durga Sapsati, Gita, James Lovelock, poets). Bio-sciences are expected to bloom in the 21st century. Bio-leaching is used to extract copper from low grade copper ore with 0.2 to 0.3 percent copper. Eco-healing by the bio-radiation during eco-tourism is effective. Joy is within all the healthy species. Material treasure is also beautiful. Yet bio-treasure is far more precious than the technological treasure, the two gifts of nature. The cows, herbs, honey and medicinal water of the Ganges are the four precious gifts of nature. So, the universe appears to be bio-friendly cyclically. We should also become biofriendly naturally. Variety is the law of nature and not sameness (Ramkrishna). We learn from the bio-history that diversity is the strength of a nation. Any cooked food is not natural food for any species without the long term side effects (P.K. Swamee). So appropriate live herbs should be a part of our daily diets. These family secrets should be compiled.

What is the value of bio-treasure? The estimate is that there is global business of 60-billion dollars for herbal medicines and herbal tonics each year in the world and it may grow at a rate of 7 percent each year. Thus, the global business is likely to be say 3 billion dollars by 2067. It's cause is the experience of the people that there are no side effects in herbal products. People are after diamonds, gold and modern technologies. People have forgotten the amazing healing powers of herbs. The healing herbal knowledge is truly more precious than the diamonds. So prices of herbs may go up by say 10,000 times in about 100 years, as happy experiences of herbs and fruits increase with time, according to the supply and demand law of economics. We are very lucky that herbs are available at low cost, as nature is producing them in abundance. Sick persons should not be considered as liability by a kind government. The free herbal-mass-health-care should be the top priority of all the kind governments always.

Herbal green revolution may be on the cards of governments. *Vedas* inspire the medicinal herbal eco-system for health, hygiene, wealth and happiness. Breathing air flowing from herbs is good for health. Herbal-horticulture-green revolution is foreseen. It is criticised that the green herbs cannot be sold on mass scale due to low shelf-life. They must be reduced to chemicals for mass use. This is a blunder. Reducing live biochemicals into dead chemicals may create serious side effects due to the law of positive change in the entropy after long time. The ancient tradition of herbal kitchen garden (with aloe vera, ginger, turmeric, mint, basil, garlic, guar patha etc.) may be revived to get fresh, healthy and live herbs for good health of the family. Thus, every poor person will also be benefited. The herbs may be grown organically easily and economically in one's kitchen garden. Our intellects are really astonished to know about the amazing Godly qualities of some herbs. We should search Godly qualities in herbs and fungi. People will go automatically where there are rewards. So, we pray sincerely to the God to change our likings and the value system and strengthen our will power accordingly. May Lord kindly care for us.

Chairman and Editors