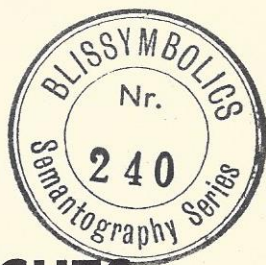


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A SUMMARY OF THE AUTHOR'S THOUGHTS AND FINDINGS

Reprint of an article which the author wrote in 1964 for a scientific journal.

This work has 5 different aspects, each one more difficult to believe than the next. These aspects are:

1. **A simple symbol writing** with only about 100 pictorial symbols, bridging all languages for communication and commerce, industry and science. Illiterates of all tribes can learn to write it.
2. **A simple semantics** contained in the symbols, exposing vague and ambiguous meanings. These are the words spoken by the demagogues in the homes and in the nations. Children can learn to recognize them.
3. **A simple logic**, by which those words are exposed which seem true for one person, and false for another one. These are abstract meanings which lead to arguments, violence and war.
4. **An archeological discovery** in the caves of old stone age man who lived 30,000 to 50,000 years ago. Proof has been found that he did not kill his fellowman. Only new stone age man became a killer and a cannibal. Since then, war killings have been incited and justified with abstract words, spoken by the leaders of men.
5. **The biological proof** that human warfare is due to abstract language, which has perverted the minds of men. This proof will be dealt with in the following pages.

As it is with all new ideas, they are contrary to the old ideas, and difficult to believe. Even the testimony of great scholars, who agreed with the author's findings, could not overthrow orthodox theories and teachings, in spite of the newly-found evidence.

You, dear reader, are invited to study this evidence, and to realize its importance, and the hope it holds for the future of the human race. The following paragraphs are an introduction to the chapters in this book dealing with these discoveries.

In the quest for basic symbolization of meanings, the author studied the writings of all civilisations, beginning with the oldest writings on the walls of Babylon and Nineveh, Memphis and Athens, ancient and modern Rome, down to the writing on the wall boards of our newspaper offices.

He found that men of all civilisations had one overpowering item to report and record in stone and parchment, in bronze and newsprint: **VIOLENCE AND WAR**. Since writing was invented about 7,000 years ago, men got not tired to brag about their "victories" of killing their fellowmen, be they of another tribe, another religion, another language, another nation, and even of the same nation.

What induced them to commit these horrible crimes? asked the author. The answer is: **WORDS**. Words spoken by the kings, the high priests, the leaders. Words, which made (and still make) men believe, that when they cover themselves with the mortal blood of their fellowmen, they cover themselves with immortal honours.

What are the words which can justify every crime in peace and war? The author found that these words are most difficult to symbolize. They are abstract meanings. They cannot be pictured. They induce different "pictures" in different minds.

Here was the ultimate test for the author. Either he could find satisfactory symbols, which are so logical, that they could show everyone the insane illogic of strife and war, and the lies of the leaders of men, or he must abandon all hope of ever finding a new writing which is better than all the writings and languages ever invented by man.

A man came to his rescue, one of the greatest psychiatrists of our age, and the first director general of the World Health Organisation, Dr. Brock Chisholm. He said that war is due to a mental perversion caused by words.

Chisholm accused the mental and moral leaders of mankind that they are using deliberately these abstract words to foster their own craving for power, and plunder, and plush positions.

Chisholm's accusations caused a furore. But he could not offer any medical psychological treatment for making these abstract meanings harmless, nor could he offer any archeological proof that war is due to the emergence of abstract language. His enemies countered that war is innate in human nature.

The author found the archeological proof for Chisholm's theory in the caves of old stoneage man (30,000 to 50,000 B.C.). And the logic of his symbols offer the psychological treatment for making abstract and dangerous meanings harmless, and thus reverse the catastrophic perversion of the minds of men.

The author's findings have been acknowledged by eminent scholars. Every layman can see the evidence, but it is not easy to become convinced, because we must unlearn what we have learned, heard and believed, namely, that war was, is, and ever shall be with the human race. It's simply not true. War is a recent mental epidemic. It started about 15,000 B.C. with the invention of abstract words.

But this was only the beginning of new discoveries. The author asked himself: How did language emerge with primeval man? How did man emerge from the animals? What are the main differences between the cries of animals and the words of men? How did the higher animals evolve? How did life evolve? What is MAN? What is NATURE? What is LIFE?

Take a golf ball and an egg. Both look similar, both contain atoms. But keep both warm for a few weeks, and something incredible happens within the egg. By some mysterious magic, the atoms of the egg build a perfect aeroplane with the most amazing apparatuses.

The conclusion is: living atoms THINK. They know what they are doing, and they do it better than the best human engineer. But the thinking of living atoms contains two factors which are rarely found in the thinking of living men. Living atoms **CO-OPERATE with each other** when they build their aeroplane. And they **HELP each other** when their aeroplane gets wounded and damaged. They rebuild the broken bone, the broken muscle, the broken skin, until all is well again in their community.

LOGICAL THOUGHT, CO-OPERATION, and MUTUAL AID, we find them in the atoms of an egg. But we cannot find them in many men of many communities. They **DON'T** think logically, they **DON'T** co-operate with each other, and they **DON'T** help each other. Instead, they destroy each other, first with words, then with weapons.

WHY? What causes the difference between life in an egg community, and life in a human community? And what is that mystery called **LIFE**, which makes atoms of an egg act logically and ethically?

I searched all books on biology I could find. Alas, the biologists hide their ignorance behind words of "biological this" and "biological that". But bio-logos means only words about life. It does not tell what life really is.

At last I found the only honest scholar, Harvard Professor Percy Raymond, who gave a clear answer. He said: "What life is, no one knows." It's a profound mystery.

Take heart therefore, dear reader! You need not be a biologist to understand these new thoughts and findings. Continue now reading the following article which I wrote in 1964 for a scientific journal. A new world will open to you, a world of new hope for you and the whole human race.

Professors L. B. Atreya, and J. P. Atreya, editors of the scientific journal DARSHANA (Sanskrit for wisdom) of Moradabad, India, decided in 1964 to publish a volume under the heading: 76 articles by 76 eminent writers of the world in honour and celebration of the 76th birthday of the great scholar and President of India Dr. S. Radhakrishnan. They invited me to contribute one article.

Many of the writers did not associate their article with Indian thought. But I did. The history of all the peoples contain examples of the catastrophes caused by abstract language, and India is no exception. Consequently, the first page of my article deals with Indian thought, all other pages deal with the meaning of the mystery of life. This article is reprinted here below by kind permission of the editors. It bears the title

LIFE AND INDIAN THOUGHT

dedicated to the memory of my late wife Claire Bliss

Language and religion

I am a poor product of Western thought and I know nothing of India. I learned in bewilderment that millions of Indians are degraded as "Untouchables". Why? Apparently some religious leaders of the past said so. I learned in sorrow that millions are always hungry, and I learned in consternation that they feed millions of marauding cattle, which they are not allowed to eat. Why? Because cows are sacred. Who said so? Apparently some religious leaders of the past.

I learned that millions of monks are roaming India. Food is put into their begging bowls by the people who are beggars themselves. Why? Because monks are sacred men. But in a survey on India I read that 80% of these monks are fakes. Why are they fed? Apparently it is impossible to distinguish between monks who are saints and monks who are loafers. Both use pious language.

I learned that some monks carry a piece of gauze before their mouths for the protection of flies. Yet, they do nothing for the protection of humans who die like flies. I read in horror that Moslems and Hindus massacred each other in 1948.

But the same religious hatred exists in the West. The adherents of the 400 divided Christian denominations despise heartily each other—thanks to their religious leaders. Throughout the centuries, Christians have massacred Christians in the name of Christ.

Articulate language is man's most important tool for communication and co-operation with his fellowman. But apparently religious language is a tool for division, dissension and destruction.

Language, race, and nationality

In 1938 new massacres began to sweep Europe, this time caused by the "religion of race". Hitler and his henchmen started to exterminate inferior races. I too was transported with millions of others to the extermination camps of Nazi Germany.

Buchenwald concentration camp was commanded by the sadist Koch. His wife Ilse loved lampshades from human skin. Koch loved creatures in cages. He had a zoo of caged animals erected next to the gigantic cage which held 20,000 human animals.

Often I stared in sorrow from my cage into the cages of my fellow creatures, they too victims of human bestiality and brutality. Aren't these words derived from the animal "beast" and "brute"? But can animals ever be so brutal as human beasts?

I was released through the love of my good wife Claire, who fought fearlessly the Gestapo. We fled to China, and after the war to Australia. The greatest massacre in human history had just ended. Thanks to the linguistic concept of a "national language" and "nationality" (unknown a few hundred years ago) the nations had slaughtered each other by the millions.

Now, the new linguistic concept of "communism" promises more murderous massacres. The leaders of mankind are engaged in making monstrous missiles, and megaton bombs, in order to kill off hundreds of millions of people, who will be led with language to the slaughter bank.

All languages are without logic

Apparently, the most desperate task in the world is to expose the catastrophic falsehoods in the many words which lead to strife and war. What every boy and girl should learn in school is a simple semantics and logic in order to recognize the ambiguities, the fallacies, and the demagogies in the words which cause debates, dissension, despair, destruction and death to many millions.

I developed such a simple semantics and symbolic logic which I called Semantography. The greatest living logician Lord Bertrand Russell

wrote that support of my work is "an important service to mankind". Sir Julian Huxley wrote that "it provides something of real importance". Professor Oliver L. Reiser declared before the American Association for the Advancement of Science,

"Bliss realized the ambition of the great mathematician Leibniz."

Three hundred years ago, Leibniz dreamed of a simple system of pictorial symbols which could be operated like mathematical symbols in a simple "Algebra of Thought", and which could be read (like $1 + 2 = 3$) in all languages. The first issue of Darshana contains my article "India and Semantography" where I proposed the use of my pictorial symbols for bridging the languages and dialects of India.

I sent out informative letters to thousands of educators. Few showed any interest. I forgot that their masters in the governments are mostly demagogues and dictators. A simple logic would enable everybody to see through the falsehoods of their speeches. They wouldn't like this. Worse even, everybody would see through the falsehoods of his own speeches. Nobody would like that. But the worst are my findings on the consequences of articulate language.

In the following pages only a meagre outline of my thoughts can be given. You can read all in detail in my writings which are available from Semantography Publications, 2 Vicar Street, Coogee, Sydney, Australia.

It was easy to find logical symbols for words on which people can agree, like sun and moon, day and night, etc. But there are words which have the opposite meanings for people who oppose each other. These are the meanings of good and bad, righteous and evil.

Brock Chisholm on wars and words

Shortly after the second world war, the United States Government invited the eminent psychiatrist Dr. Brock Chisholm (later the first Director General of the World Health Organisation) to lecture on the burning question:

"Why does man go to war against his fellowman?"

Chisholm's answer created an uproar among the various religious leaders. He blamed their pious language, and especially their catastrophic use of the word "evil" for many massacres among men. Hatred is incited against other people by saying that they are evil, because they pray to other gods and obey other priests and kings. Soon there was slaughter. Of course, the accusation of "evil" was usually only a pretext for plunder. But it worked beautifully in the minds of men. They killed with a clear conscience the evil enemies.

New insight into animals

If Chisholm is right, how is it with those creatures which have no articulate language—the animals? I searched through books on zoology and found that untold trillions of the tiniest and the largest animals adhere strictly to the ethical law “Thou shalt not kill” even when they are starving. They live by the food provided by the plants.

However, there are other animals, which must have gone through terrible times millions of years ago. They had learned to kill other creatures for food. But they don't kill their brothers. **Lions don't kill lions, tigers don't kill tigers**, wolves will die of starvation in a severe winter, but no wolf will kill a fellow-brother-wolf.

Furthermore, if a lion baby is taken away from its killer parents, before it receives from them an education in murder, it will not kill. It will remain the best of pals with other animals, and will eat with them out of the same trough.

Of course, animals get sometimes angry at each other. In the mating season there are mighty scraps over female favours. But the wrestlers have no intention to kill nor eat each other.

Ashley Montagu on ethics and animals

Professor Ashley Montagu summed it all up in these fantastic words:

“Among the same species of animals the highest ethics is supreme law.”

He proved too what every zoologist knows, namely that cannibalism among the same species of animals is extremely rare, and it happens only when the animal is “out of its mind” by panic, the sudden loss of freedom, etc.

In terrible contrast, human cannibalism is practised in cold reasoning in an open boat, or in religious reasoning when the high priest presides over the frying and the feasting on the evil enemies.

The unescapable catastrophic conclusion from all these scientific facts is:

**MAN IS THE ONLY SPECIES WHICH KILLS ITS OWN KIND.
MAN IS THEREFORE ETHICALLY THE LOWLIEST CREATURE
ON EARTH.**

Human warfare is not biological warfare

The zoologists, biologists, moralists, and militarists try to explain and excuse human warfare. They say that “biological warfare” is going

on among the killer animals, and human warfare is part of it. But this is a lie.

Biological warfare is the hunt for **food** from **other** species.

Human warfare is the hunt for **destruction** of the **same** species.

The difference is tremendous. And what makes it so horrible is, that soldiers have no desire to kill the fellows of the other side.

The dawn of abstract thought

A fantastic thought gripped my mind. If articulate language has perverted the mind of man, as Chisholm said, how was it in the distant past, when man emerged from the animal, and had NOT YET evolved articulate language?

Bertrand Russell said that it must have taken untold generations of primeval men, until they realized that two men, and two tigers, and two snakes have something in common, namely the abstract notion of TWO. Similarly I thought, it must have taken untold generations of primeval men, until they realized that a ferocious tiger, and a poisonous snake, and a dangerous man have something in common, namely the abstract notion of BAD.

What to do with something "bad?"

The remedy for a bad tiger, and a bad snake is simple: kill it! From this kill to the kill of the bad man was only one step in abstract reasoning. The next step was organised warfare against the bad people across the river.

Chisholm said that **human warfare** is only due to a mental perversion, caused by abstract language. It's a brain disease, an epidemic, and doctors know to-day how to stop epidemics. First, we must find the virus, then the vaccine, said Chisholm.

The virus is, according to Chisholm, abstract language. But he could not offer any proof that human warfare started with the emergence of abstract language.

If only I could find the proof in the distant past that man was not a killer of his kind—then Chisholm's theory could give mankind the breath-taking hope that human warfare could be abolished by psychiatric semantic treatment of the populations, using the new logic and semantics.

Search in the prehistory of man

I studied the 7,000 years of recorded human history. Alas, the historians recorded in ancient times as in modern times, that the righteous kings of kings made war on the evil kings and slew them and their men.

For older records I had to go down into the caves of stone age man. Archeologists reported that the kitchen-refuse heaps of neolithic man contain animal and human bones intermingled and broken to extract the marrow. "They were cannibals" the scientists say. But no signs of cannibalism is found in the caves of paleolithic man who lived 30,000 to 50,000 years ago. And in their cave paintings I found the proof I was looking for.

Man was, and still is, a hunter of animals, which he needs for food. He is proud of his victories. The caves of paleolithic man show the same pictures as modern hunting lodges: animals pursued by hunters. But nowhere do we see a man raising a weapon against another man. Apparently, the idea to hunt and kill his fellowman did not enter the mind of paleolithic man. Otherwise he would have depicted his victories over men, as did modern man from 5000 B.C. to our time in monuments, in the market places, and in museums.

Which archeological discovery is the most important one?

What has been found so far, that was so important? Important broken pottery, broken artefacts, broken tools and trinkets. Important jewellery, sarcophaguses and mummies, and important inscriptions?

What do these "important" discoveries tell us? That the potentates lived in splendour, and the people in squalor. Haven't we read this before? Is all this so really "important archeology"?

Now I claim to have found that human brother killing was absent before about 15,000 B.C., and that war is not innate in human nature. Does any other archeological discovery give mankind any hope for a future without war?

Alexis Carrel on logic and ethics in living atoms

I began to look for more evidence of ethics as a natural force in the universe. I found it in the findings of the eminent medical biologist Alexis Carell. He proved that the atoms which build living cells, and the cells which build complex organs and organisms, are guided by a supreme ethics. He wrote:

"Cells act as though each of them understood mathematics, chemistry, and biology, and unselfishly act for the interest of the entire community."

What does this fantastic statement really mean? Let me explain it to you in a fantastic story.

The greatest story ever told

Imagine our young planet one billion years ago. Torrential rains and terrific thunderstorms rage over the surface of a turbulent ocean. In its raging waters atoms and molecules, sand and pebbles, are tossed about in wild and aimless chaos—until something happened—the greatest moment in the history of our earth.

We don't know how it happened and why. But we know that it happened. Inspired by some mysterious force from the depth of space, a group of atoms and molecules began to form an ethical co-operative in which each one "acts unselfishly for the interest of the entire community." And so the first one cell creature came to life—the amoeba, which still sails the seven seas. They built their nucleus, which is in fact their Town Hall with various departments for food gathering, food processing, food distribution, waste disposal, oxygen renewal, transportation, and medical and repair stations, should an accident happen to some brother molecules.

Their Town Hall is no Tammany Hall

There is no greed, grab, and graft. There are no bureaucrats and no aristocrats, no patricians and plebeians, no brahmins and untouchables, no demagogues and dictators, and no priests, rabbis, mullahs, monks, and other men of dividing words. There is only one ethical principle at work: **"One for All and All for One."**

Later they divide into two communities. And as the millions of years pass by, these ethical cells "act as though they understood mathematics, chemistry, and biology"—although a million times more than all our professors of mathematics, chemistry and biology—they built more and more complex organs and organisms with more and more ethical engineering wonders: a miraculous heart, eyes, ears, lungs, brain, bones, and the most fantastic chemical factories—for one ethical purpose only: that the cell communities of creatures should be able to survive the rigours of nature.

Survival of the fittest babies

Here is but one example. There was abundance in the sea, but for the creatures on land there were often terrible times of starvation and death. Billions of babies must have died. And so our ethical engineers were again inspired by the cosmic force. They began to build into the mother animals a complex processing plant with udder and nipples—and when the babies arrived—lo, there arrived also the most wholesome of food for them: milk.

For Western scientists, however, my tale of ethical co-operation is nothing but blooming ballyhoo. "There is no sense nor ethics in the

universe," they cry, "only chaos!" All living beings were evolved by chaotic chance combinations and mutations of atoms and molecules without any aim or purpose. When the waters receded and the fish were left on dry land, they grew legs and learned to walk. Later they grew feathers and learned to fly.

It was just as simple as that. But a fish, or you cannot grow feathers if you want to. A miraculous ethical energy must work in the living cells of your mother when you began life as a foetus in her womb. They built the amazing organs which you need for survival: a heart pump, television eyes, ear telephones, and many more engineering miracles.

The most fantastic feat of ethical engineering

When you are injured, the cells in the central switchboard of your brain send out directions over the electric nerve network. Medicines are manufactured and shipped through the bloodstream to the scene of the accident. Ambulances and nurses arrive to help the injured brother cells. Then repair cells begin to rebuild the broken bone, the broken muscle, the broken skin—until all is health and happiness again. Don't think that your doctor can heal. He can only help the ethical cells to do the healing. You owe your life to them.

THIS IS THE GREATEST FORCE IN THE UNIVERSE:
ETHICAL CO-OPERATION FOR THE CREATION OF HIGHER
CREATURES OF HIGHER HARMONY.

Darwin and the Darwinians

"This is utter nonsense," the scientists cry. Darwin had explained that creatures evolved through the merciless selection by the survival of the fittest. But the Darwinians are deceiving themselves and the world with language. They have perverted Darwin's own words.

Imagine a pack of wolves in an ice age. Which wolves will survive? Those, whose cells are fittest in ethical co-operation to produce the warmest fur, the strongest limbs, the keenest eyesight, the greatest intelligence, stamina and endurance.

Imagine helpless animal babies in a catastrophe which overtakes a herd. Which babies will survive? Those, whose parents have brain cells which are fittest in co-operation to produce the greatest love and intelligence, care, conscience and courage. In my writings I have cited numerous instances of animal parents who sacrificed their lives so that their babies shall survive.

But ethical co-operation of cell communities goes further than the family bond. Single creatures form a community with a leader who "acts unselfishly for the interest of the entire community". The queens of bees and ants are the hardest workers of them all. The leader of an animal herd risks his life first, when he guides the herd over mountain cliffs. He watches out for danger, when the others graze. His senses are taught even when he snatches a biteful of grass, or an hour of sleep. He has less leisure than the lowliest of the herd.

The leaders of men

In terrible contrast, most leaders of human communities were, and still are, the most selfish despots. And their lackeys in the schools and the churches teach children to adore and obey the monsters on the throne, who became leaders by their "divine rights". The shameless trick is done with words.

In the communist countries Darwin is revered like a god, and his theory is perverted to mean survival of those fittest in despotism, who can command the fittest bodyguards, the fittest battalions, the fittest bombs. Then the despot is killed by one of his officers, and he himself becomes the new despot. When he faces chaos, he plunges his people into a war to create more chaos. All this is in line with the theories of our scientists who proclaim that this universe is the product of chaos. And so they are leading mankind into the chaos of self-destruction by their nuclear devices. They refuse to see even the ethical co-operation working in the cells of their own bodies.

Ethics in the Universe and a creature called Claire

My friend Professor Reiser, the philosopher, explains in his cyclic-creative cosmology that besides the seen universe of matter, there must exist an unseen ocean of energy into which matter dissolves, and from which matter is created as hydrogen atoms in the depth of space. May I add my belief that there must be an unseen ocean of ethical energy which manifests itself in the cells of all living creatures.

The living cells which built the body of my wife Claire, produced in ethical co-operation a masterpiece of love and affection, intelligence, care, conscience, courage, and beauty. Now that she has left me in sorrow, I cannot believe that all which remains of her, are her ashes only. The ethical agents which pervaded her body has returned to the unseen ocean of ethical energy, and new creatures are created which are imbued with it. For me, the spirit which was my wife is recreated in the most ethical of all living creatures: the flowering trees. Their cells produce in ethical co-operation sweet nectar for butterflies and insects, sweet fruits for animals and humans, and sweet beauty and harmony for all to behold.