

#### 14. IF A FEW STUDENT PIONEERS

in Australia, Great Britain and America would start such an abstract service in one science only, all other Sciences and Universities would follow. Soon, Institutes, Libraries, Scientists, Doctors, Engineers anywhere in the world would gladly subscribe to these inexpensive paper slips FOR THEIR PARTICULAR FIELD ONLY. The money would help the students to pay their way through college.

#### 15. SEMANTOGRAPHY

could become an auxiliary Universal Medium of Communication for Natives, Boy Scouts, Stamp-Collectors, Businessmen, Technicians and Scientists who don't understand each other's language. A Letter, a Primer, a Paper, even a Poem, printed, typed or written in this auxiliary "ONE WRITING FOR ONE WORLD" can be read and understood in all languages.

16. THE MESSAGE OF SCIENTIFIC HUMANISM, that we are all CITIZENS OF ONE WORLD, can be brought home to the Peoples of this Planet through this truly Universal Writing, in which we can "speak" to all the Peoples.

#### 17. THE WAR OF WORDS

within the family and the community may be subdued through the simple Logic and Semantics of Semantography which enables people to recognise vague, ambiguous and fallacious meanings.

#### 18. PROFESSOR OLIVER L. REISER,

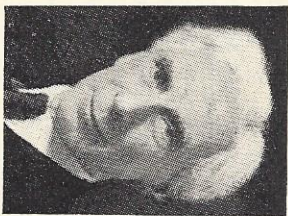
of the University of Pittsburgh, Pa., U.S.A., Chairman of the International Committee on Scientific Humanism, said in his paper, "UNIFIED SYMBOLISM FOR WORLD UNDERSTANDING IN SCIENCE," for the Symposium "Operation Knowledge" of the AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

"Bliss . . . realised the ambition of the great mathematician Leibnitz . . . The system of Semantography has many virtues . . . it provides a powerful stimulus and aid to President Truman's "Point Four Program" . . . Bliss's heroic work is certainly headed in the right direction . . . This new language design comes with the high praise of Bertrand Russell, suggesting that we do well to study thoroughly Bliss's creation."

#### 19. BERTRAND RUSSELL

eminent Mathematician, Philosopher and Logician, foremost Authority on logical Symbolism, wrote:

"Semantography . . . I think very highly of it. The logical analysis is good. The symbols are ingenious and easy to understand, and the whole is capable of being very useful. Any man or men who will spend the money necessary to get this work printed will, in my opinion, be performing an important service to Mankind."



#### 20. PROMINENT SCHOLARS

in Australia, Great Britain, the United States and elsewhere, favour and support Semantography. More information available from

THE INSTITUTE OF SEMANTOGRAPHY

5 Maroubra Bay Road, Pagewood, SYDNEY, N.S.W., Australia

The Messenger Print, Maroubra.

The Student's Geological Society  
of the University of Sydney

A

Lunch-hour Address

will be given on

SEMANTOGRAPHY  
FOR GEOLOGISTS

Monday, 15th October

1951

1.10 p.m. sharp, in the Main Lecture Theatre,

Department of Geology

by

C. K. Bliss

Author of "Semantography"

As an Introduction the Author refers to

(Please turn over)



# Some Geo-Logical and Geo-Linguistic World Problems

## 1. SCIENTISTS

have found in Africa that natives, enunufed in superstitions, won't take to any improvements, even in agriculture, tools, hygiene, etc.—without the stimulus of literacy.

## 2. SCHOLARS

agree that the first step towards a democratic World Federation of Governments must be the establishment of Universal Literacy. But,

## 3. THREE-QUARTERS

of the World's Population is illiterate, and divided by thousands of languages and dialects.

## 4. PRINTING

different Printers in different languages for different villages, would divide the people even more. This fosters nationalism even in literate countries (e.g. Welsh, Irish and Scottish Gaelic).

## 5. PROFESSORS

and Primitives, Scholars and School-children anywhere in the world don't like to learn foreign languages including Esperanto and Basic English. But  $1 + 2 = 3$  can be read and understood in all languages.

## 6. BRIDGING THE LANGUAGE BARRIER

is today a matter of life and death. Half a Century of Esperanto, a quarter of a Century of Basic English haven't brought any application of these international languages in World Communication. Meanwhile, however, the

## 7. ROAD ENGINEERS

have evolved simple pictographs for the deadly Highways of the World. A bent arrow means a CURVE in all languages.

## 8. RADIO ENGINEERS

have evolved simple pictographs for the intricacies of their world-embracing apparatuses. Native radio mechanics in India, Indonesia, the Philippines and elsewhere, understand these pictographs, no matter what words are used for them.

## 9. GEOGRAPHERS



















and Map Makers, Mathematicians and Astronomers, Chemists, Physicists and other Scientists have their international symbols.

## 10. GEOLOGISTS

use many symbols on their maps. These symbols are sometimes directional pictographs, sometimes, however, arbitrary for lack of space. Any meaning in geology could be expressed in the pictographs of Semantography. These are not arbitrary, but somehow, their outlines indicate the real things. If geologists would agree on a set of such pictographs, typable on the semantographic typewriter (an ordinary-sized adjusted one), and in conformity with the system of Semantography, then GEOLOGISTS WHO DON'T UNDERSTAND A WORD OF EACH OTHER'S LANGUAGE COULD WRITE LETTERS TO EACH OTHER (similarly, doctors, chemists, engineers, etc., etc.). Here are a few samples.

## EXAMPLES OF SEMANTOGRAPHY PICTOGRAPHS

(as typed on the semantographic typewriter)

	mountain		base		foot		slope		summit		ridge
	strata horizontal		strata oblique		angle		syncline		anticline		mining
	ground		water		stream		water below ground		sinking a bore		artesian well

## 11. THE BABEL OF SCIENTIFIC PUBLICATIONS

"is a social problem of the first magnitude" (Hogben). The flood of expensive scientific books and journals, which industrious publishers and printers of many countries pour out on poverty-stricken Universities is so great that even the richest Universities cannot afford to buy them all. Besides, of what use are articles in Norwegian, Greek, or Hindustani to scientists who speak other languages.

## 12. A UNIVERSAL SCIENCE ABSTRACT

without publishers, without printers, and even without money, can be put into operation by a few enthusiastic students in a few Universities (See Bliss's detailed proposals in his paper before the Physical Society of the University of Sydney). Reports about research in Geology, Chemistry, Medicine, etc., etc., going on at a University could be given half-yearly on small mimeographed filing cards, carrying the title and research result in 100 words—and in pictographs. Reports from Anglo-American Universities would carry the pictographs and the English words beneath; in French Universities it would be French beneath the pictographs, in Danish Universities it would be Danish, etc., etc. Anyone knowing English or French or Danish need not bother about the symbols. Others would learn them in order to read the abstract in their language be it Portuguese or Afrikans. Soon Universities in small countries would add a line in English beneath the line in their language. The grammar of Semantography is the "grammar" of the physical event (Agent acts on Object). Putting English or French words beneath the symbols may sometimes result in some awkward English or French sentences, but here at last is a medium to guide a word-for-word translation, free of idiomatic expressions. As an additional advantage this would enable the reader to learn the corresponding scientific or non-scientific words in English or other languages.

## 13. THE LONDON BOARD OF TRADE

adopted in 1855 a code of flag symbols for British shipping only. Quietly, all other nations adopted it too, without fuss, without conferences, without proposals or counter-proposals.

