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INTERGLOSSA

A DRAFT OF AN AUXILIARY FOR A DEMOCRATIC WORLD ORDER, BEING AN ATTEMPT TO APPLY SEMANTIC PRINCIPLES TO LANGUAGE DESIGN

LANCELOT HOGBEN





THE AUTHOR

LANCELOT HOGBEN was born at Southsea in 1895. He became a scholar of Trinity College, Cambridge, in 1912. By profession he is a biologist; and has been a professor at universities in South Africa, the United States, London and Aberdeen. He has travelled far afield on four continents, having visited Japan and Hawaii. He is the author of a monumental work of popularization, *Science for the Citizen*, and of several volumes of essays on educational topics, notably *Dangerous Thoughts*. He is married to Enid Charles, the well-known population statistician, and has four children.

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A DRAFT OF AN AUXILIARY FOR A DEMOCRATIC WORLD ORDER, BEING AN ATTEMPT TO APPLY SEMANTIC PRINCIPLES TO LANGUAGE DESIGN

BY

LANCELOT HOGBEN

(Author of *Science for the Citizen*)

ILLUSTRATIONS IN ISOTYPE BY

OTTO NEURATH



PUBLISHED BY

PENGUIN BOOKS

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MONO MELANO ANTHROPI



MONO MELANO GYNA



BI MELANO ANTHROPI



MONO MELANO ANTHROPI
PLUS
MONO MELANO GYNA

BI MELANO HOMINI



BI ERYTHRO ANTHROPI



MONO MELANO ANTHROPI
PLUS
MONO ERYTHRO ANTHROPI

BI ANTHROPI



MONO MELANO ANTHROPI
PLUS
MONO ERYTHRO ANTHROPI
PLUS
MONO MELANO GYNA

BI ANTHROPI PLUS MONO GYNA
TRI HOMINI



TRI MELANO GYNA



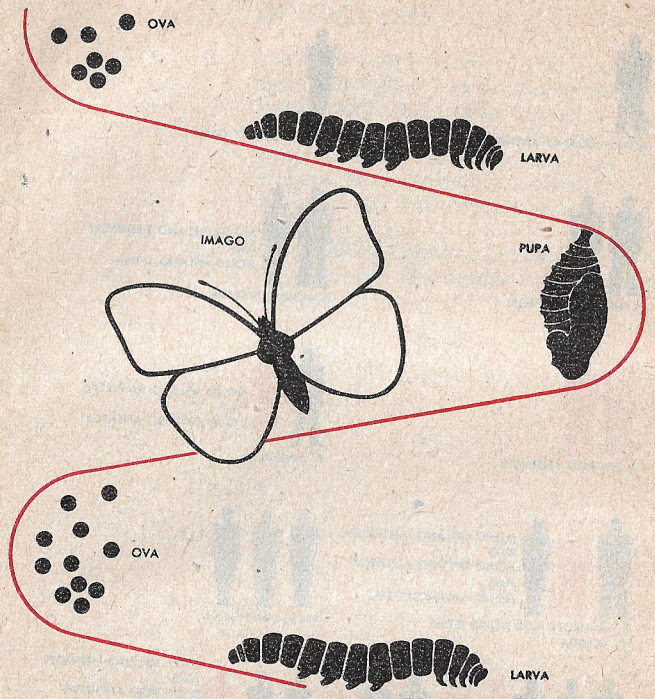
TETRA MELANO ANTHROPI
PLUS
BI ERYTHRO ANTHROPI
PLUS
TRI MELANO GYNA
PLUS
BI ERYTHRO GYNA

MONO MONO HOMINI
HEPTA MELANO HOMINI PLUS TETRA ERYTHRO HOMINI
HEXA ANTHROPI PLUS PENTA GYNA

ISOTYPE

LEARNING BY ISOTYPE

Because INTERGLOSSA is a purely isolating language like Chinese, it is possible to teach it by means of the universal picture language ISOTYPE.



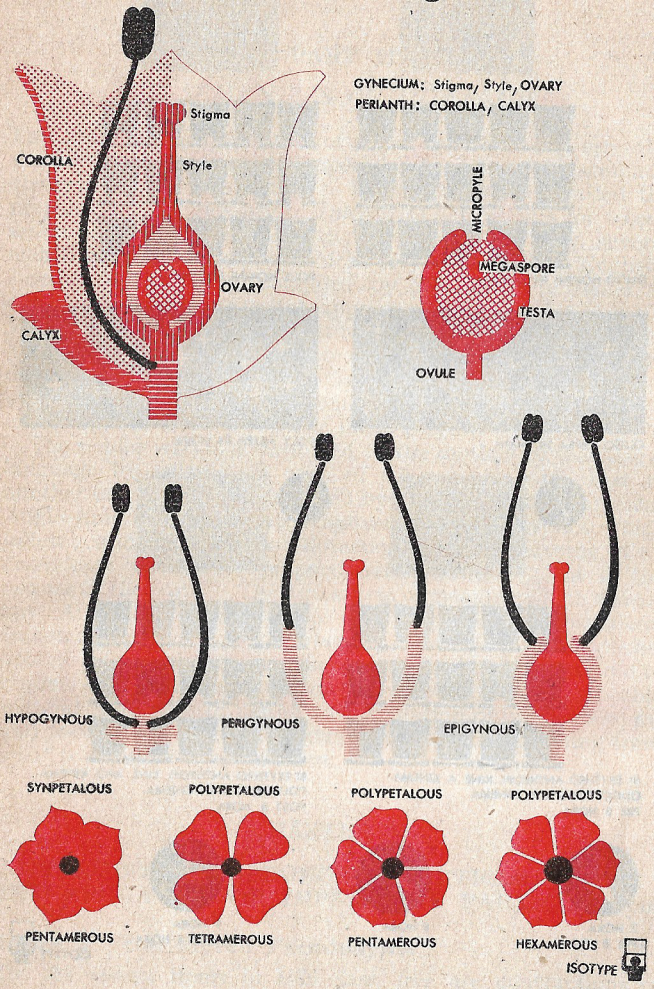
NU LARVA
LARVA POST OVA = OVA PRE LARVA
OVA POST IMAGO = IMAGO PRE OVA
IMAGO POST PUPA = PUPA PRE IMAGO
PUPA POST LARVA = LARVA PRE PUPA

ISOTYPE

BOTANY BRINGS HELP TO THE BEGINNER

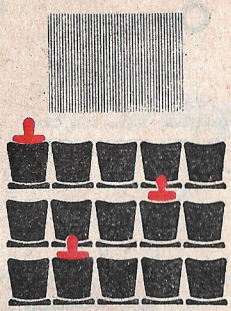
The complete flower (top left) with its *cup*-like CALYX (675), COROLLA and ANDROECIUM (4) (209) inserted *below* the FEMALE (5) *residence* or GYNAECEUM (834) (209) is HYPO-GYNOUS (85) (834). It is also SYNPETALOUS (123) and SYNCARPOUS (123) (566) because the parts of the corolla and fruit are fused *together*. The OVARY (532) is MONO-SPERMOUS (27) (619) *i.e.* has one seed. The OVULE (532) or immature seed is ORTHOTROPOUS (336) (442), having its MICROPYLE (23) (383) or *little perforation* for the pollen tube *turned* vertically upwards. On the right is the ovule with the MEGASPORE (22) and TESTA (697) *i.e.* seed coat. Below are different arrangements of FLORAL (582) parts in flowers of various sorts.

Essential FLORAL Organs

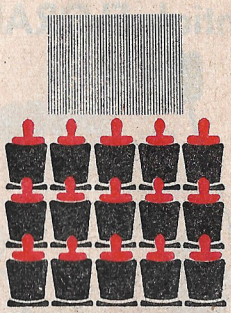


ISOTYPE

AN	(4)	GYNA	(834)	MONO	(27)	PYLO	(383)
CALYCI	(675)	HEXA	(32)	ORTHO	(336)	SPERMA	(619)
CARPA	(566)	HYPO	(85)	OVA	(532)	SYN	(123)
ECO	(209)	MEGA	(22)	PENTA	(31)	TESTA	(697)
FE	(5)	MERO	(19)	PERI	(96)	TETRA	(30)
FLORA	(582)	MICRO	(23)	POLY	(16)	TROPO	(442)



OLIGO HOMINI IN KINEMA



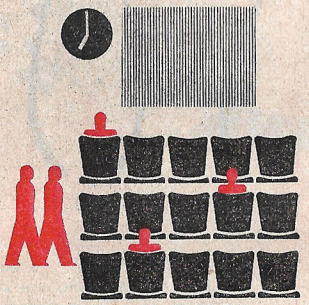
POLY HOMINI IN KINEMA



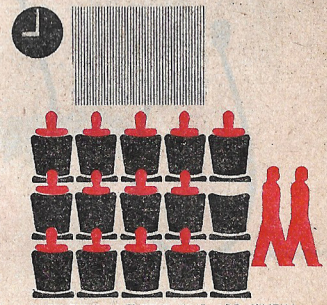
OLIGO ASTRA IN URANI



POLY ASTRA IN URANI



BI ERYTHRO ANTHROPI KINE A KINEMA
OLIGO HOMINI IN KINEMA
PRE 8 HORA



BI ERYTHRO ANTHROPI KINE APO KINEMA
POLY HOMINI IN KINEMA
POST 8 HORA



7 HORA
(PRE 8 HORA)

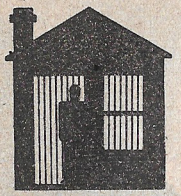


8 HORA

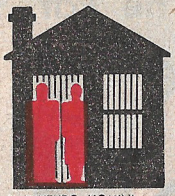


9 HORA
(POST 8 HORA)

ISOTYPE



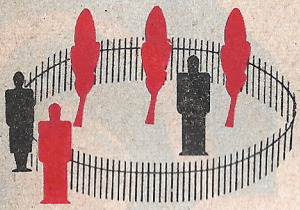
MONO ANTHROPI IN DOMI



BI ERYTHRO HOMINI
IN MELANO DOMI



TRI MELANO ANTHROPI
EXTRA ERYTHRO DOMI
PLUS MONO ERYTHRO GYNA
IN ERYTHRO DOMI



TRI DENDRA IN HORTI.
U MELANO ANTHROPI IN HORTI.
UN ERYTHRO ANTHROPI PLUS U MELANO GYNA
EXTRA HORTI.



UN ERYTHRO ANTHROPI
EPI MELANO DOMI



U MELANO ANTHROPI
SUPERO ERYTHRO DOMI =
UN ERYTHRO DOMI
HYPO MELANO ANTHROPI



HEXA MELANO DENDRA
PERI ERYTHRO DOMI =
UN ERYTHRO DOMI IN CYCLI
DE HEXA MELANO DENDRA



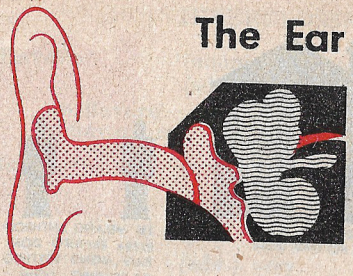
TRI ERYTHRO DENDRA
RETRO
MELANO DOMI =
U MELANO DOMI
ANTERO
TRI ERYTHRO DENDRA



BI MELANO DENDRA
ANTERO
ERYTHRO DOMI =
UN ERYTHRO DOMI
RETRO
BI MELANO DENDRA

ISOTYPE

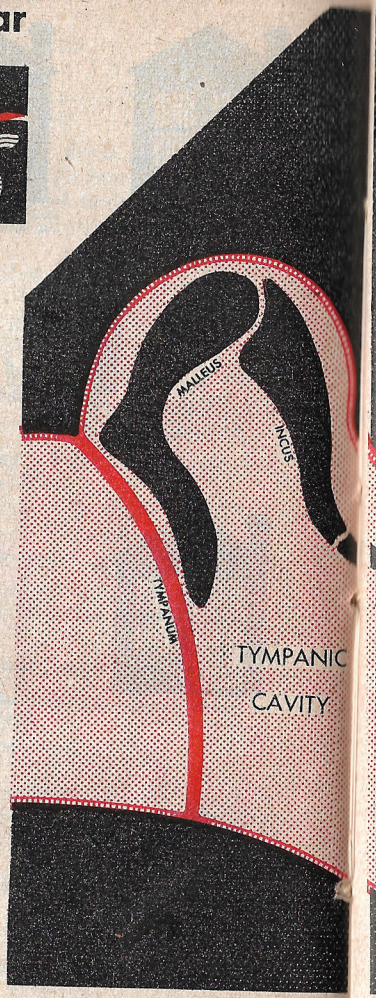
The Ear

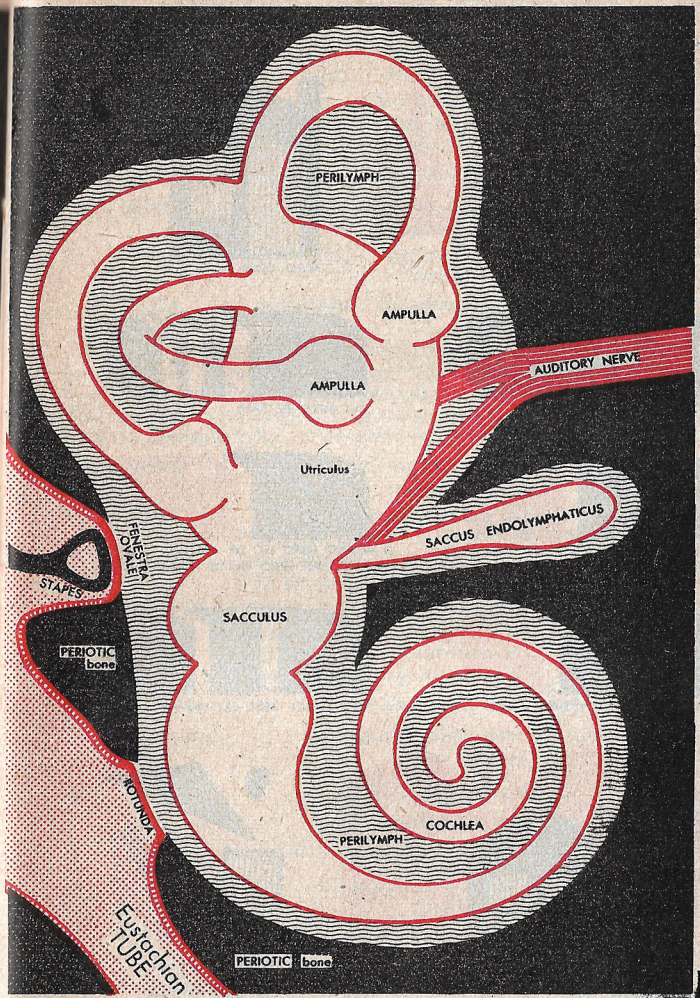


HOW HYGIENE HELPS

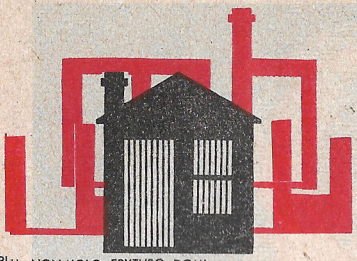
Our ear is a double sense ORGAN. The semicircular CANALS with flask-like AMPULLAE and the utriculus constitute a GEORECEPTOR which SEMAPHORES to the brain information about ORIENTATION to the earth's GRAVITATIONAL pull. SACCULUS and COCHLEA are the essential part of the ACOUSTICAL receptor which registers VIBRATIONS set up in the ear *drum* (TYMPANUM) when sound impinges on it. Three ear ossicles, MALLEUS (*hammer* bone), INCUS (*anvil* bone), and STAPES (*stirrup* bone), transmit the vibrations to the internal ear embedded in the PERIOTIC bone by way of an oval *window* (FENESTRA OVALE). A second window (Fenestra Rotunda) permits the recoil of the fluid PERILYMPH thus set in MOTION. The eustachian TUBE permits recoil of air by way of the throat. The AUDITORY nerve sends the message to the brain itself. See the following numbers:

(463)	(645)	(531)	(777)
(669)	(252)	(722)	(732)
(463)	(756)	(96)	(780)
(636)	(761)	(358)	(453)
(167)	(475)	(413)	
(571)	(877)	(671)	
(714)	(334)	(413)	

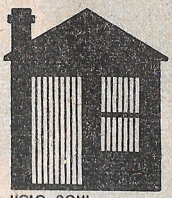




ISOTYPE



PLU NON-HOLO ERYTHRO DOMI
PLUS HOLO MELANO DOMI



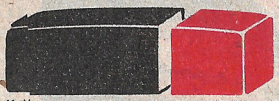
HOLO DOMI



HOLO PANI



PLU MERO DE PANI



U MELANO MERO MAJOR DE ERYTHRO MERO =
UN ERYTHRO MERO MINOR DE MELANO MERO



U MELANO MERO ISO DE ERYTHRO MERO =
UN ERYTHRO MERO ISO DE MELANO MERO



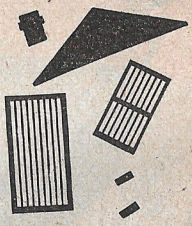
BI MELANO MONO ERYTHRO MERO



TRI MELANO ZERO ERYTHRO MERO



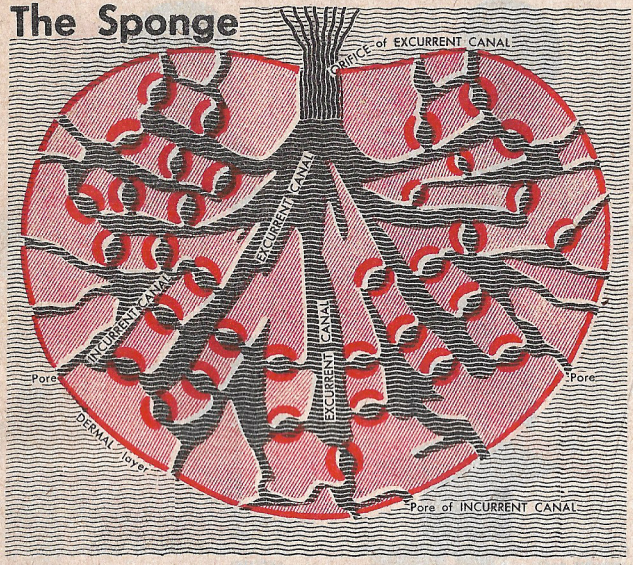
ZERO NON-HOLO DOMI

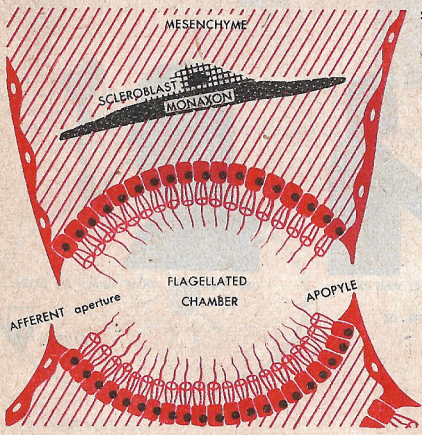


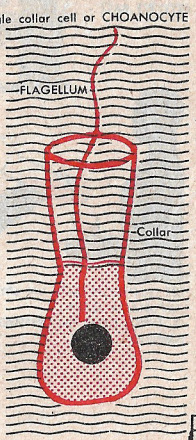
PLU MERO DE DOMI

ISOTYPE

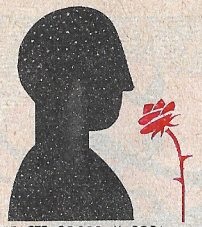
The Sponge



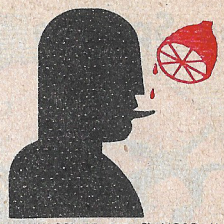




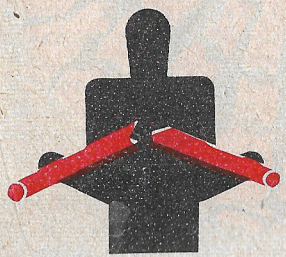
ISOTYPE



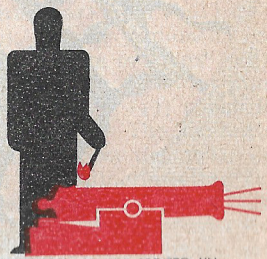
U GYNA REACTE ODORO U ROSA.
U ROSA STIMULE U NASA DE GYNA.



UN ANTHROPI REACTE FLAVORO U CITRA.
U CITRA STIMULE U GLOSSA DE ANTHROPI.



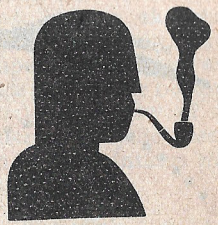
U MELANO ANTHROPI STIMULE FRACTO UN ERYTHRO BACI



UN ANTHROPI STIMULE BRONTO UN ARTILLERI

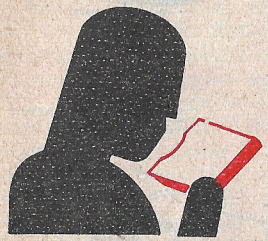


UN ANTHROPI DATE UN ERYTHRO VINI EX AMPULLA A GYNA.
U GYNA GENE UN ERYTHRO VINI EX AMPULLA.



UN ANTHROPI BALLE FUMO AD EXTRA

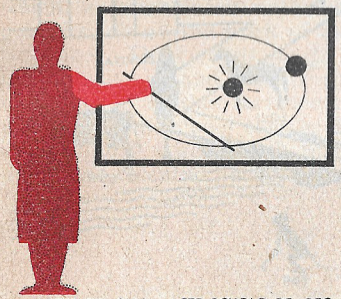
ISOTYPE



UN ANTHROPI ACTE PHAGO

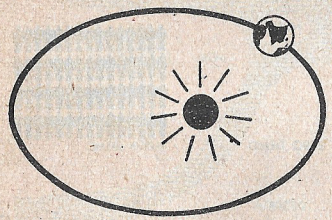


U GYNA ACTE PER CTENI



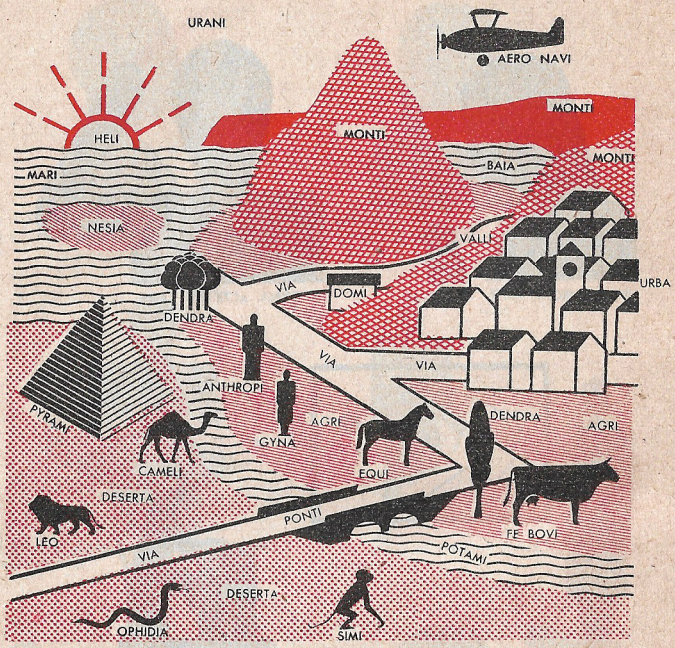


UN ERYTHRO GYNA ACTE SCHOLO DE GEO PLUS HELI AD MELANO MICRO ANTHROPI
U MELANO MICRO ANTHROPI GENE SCHOLO DE GEO PLUS HELI EX UN ERYTHRO GYNA



U GEO KINE PERI HELI

ISOTYPE



LEARNING BY EYE

In TWELVE charts such as this one it is possible to exhibit the meanings of the 385 substantives which make up nearly half the essential word list.

