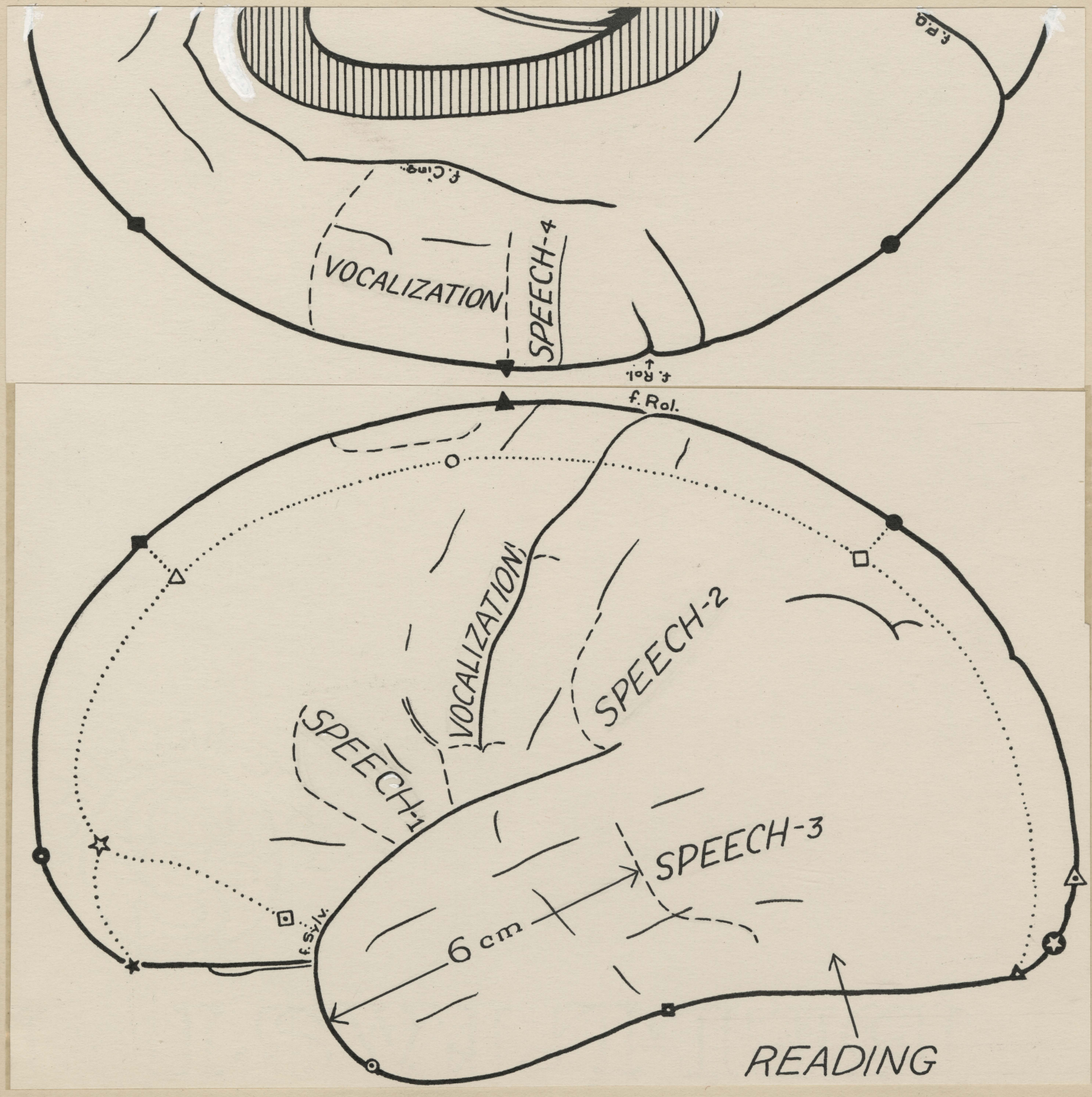


Fig III A.
E.A.S. 209.

III A

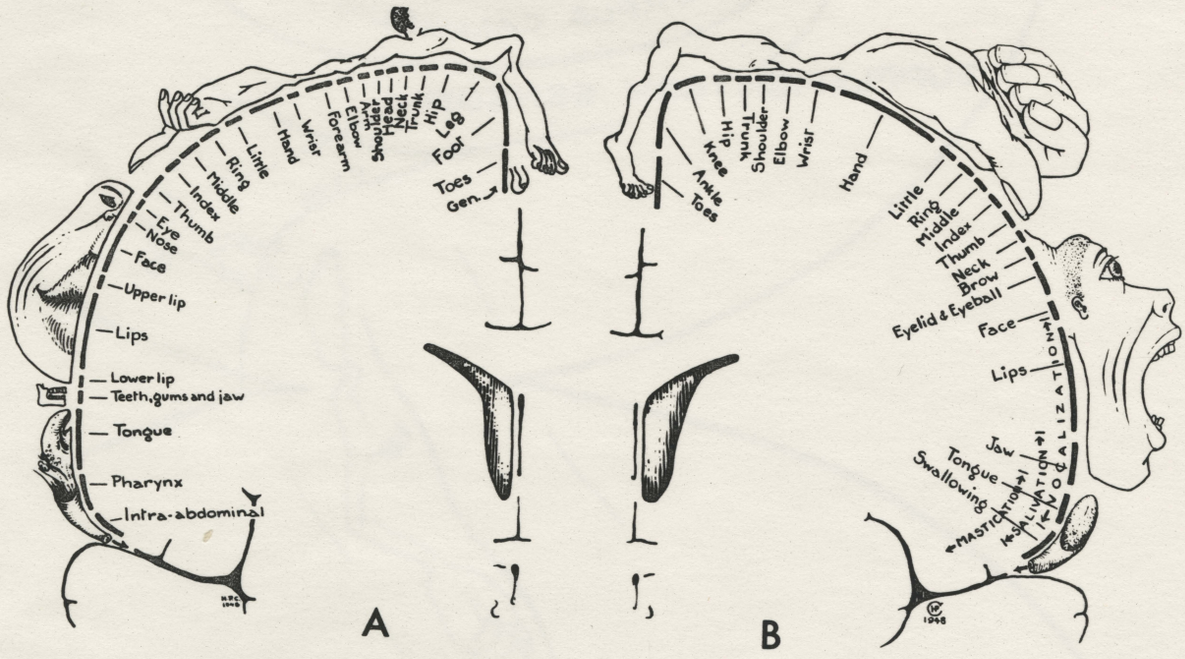
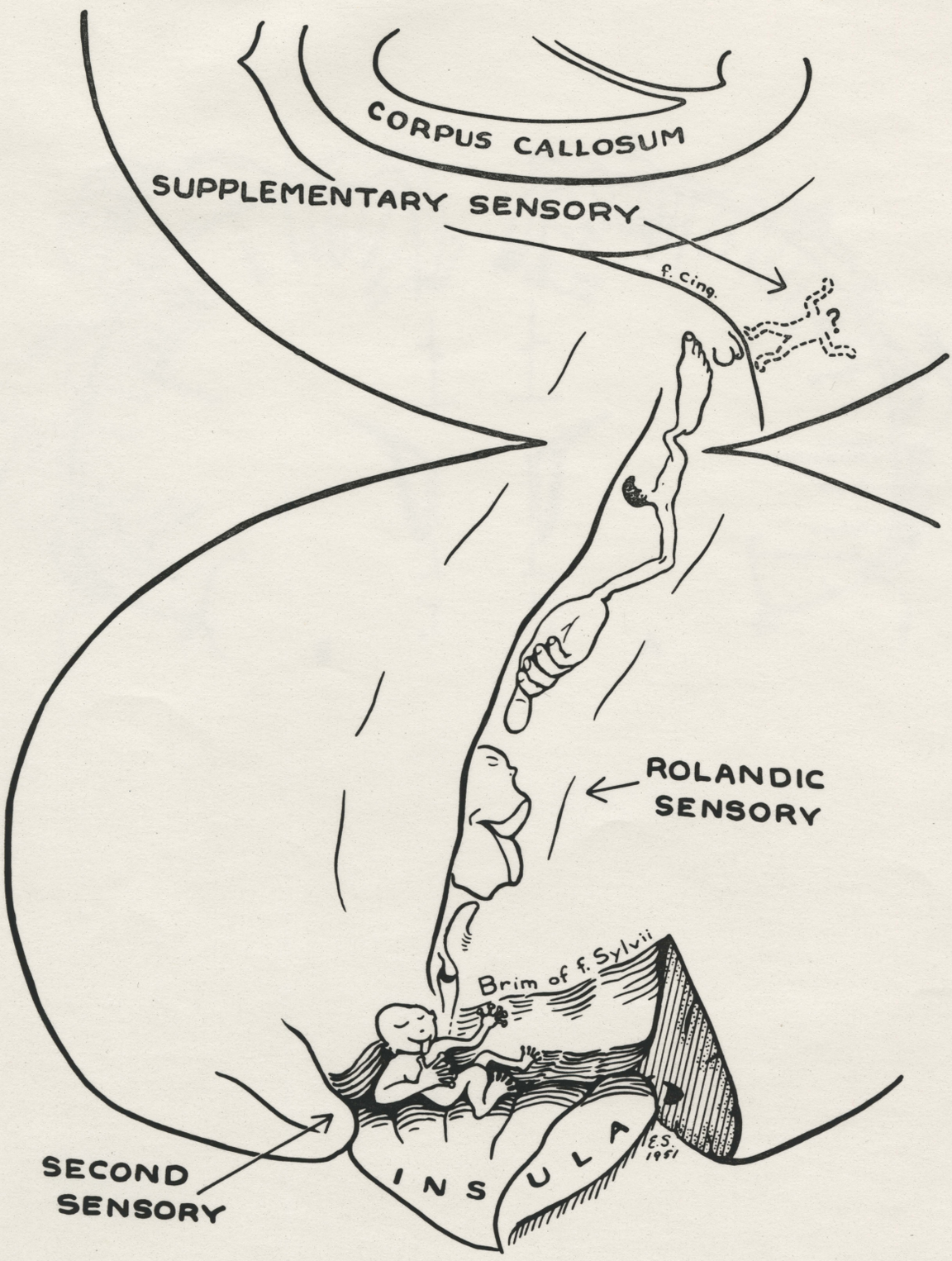
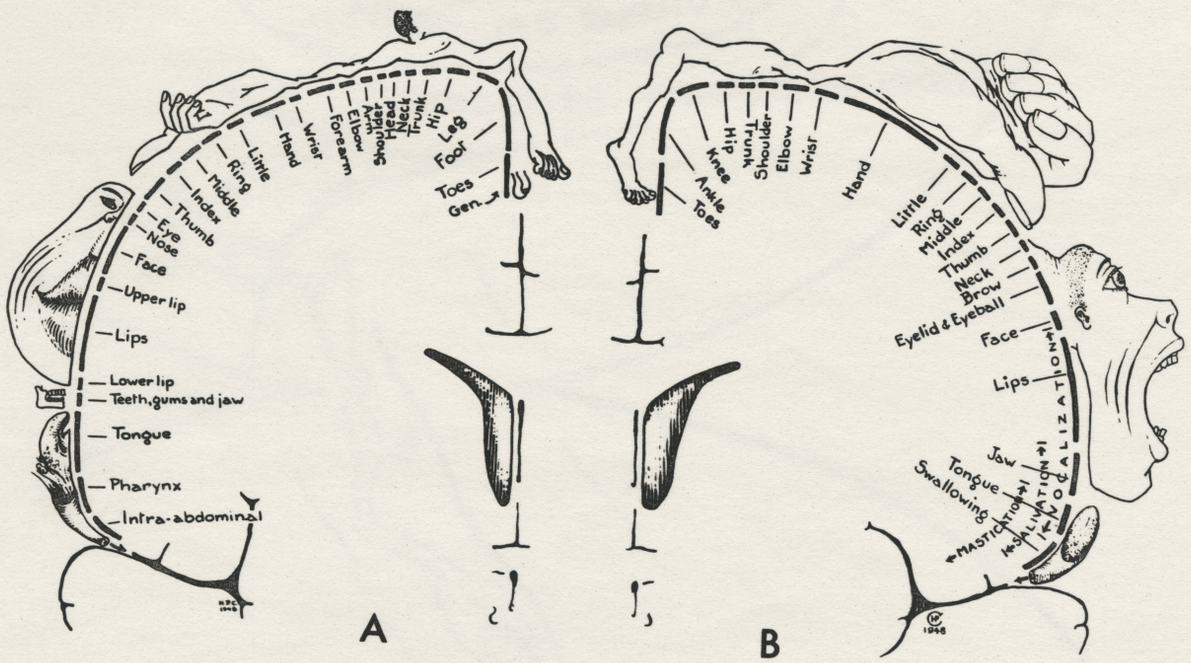

Little
Ring
Middle
Index
Thumb
Eye
Nose
Face
Upper lip
Lips
Lower lip
Teeth, gums and jaw
Tongue
Pharynx
Intra-abdominal
Hand
Wrist
Forearm
Elbow
Shoulder
Arm
Head
Neck
Trunk
Hip
Leg
Foot
Toes
Gen.
A
Ankle
Knee
Hip
Trunk
Shoulder
Elbow
Wrist
Hand
Little
Ring
Middle
Index
Thumb
Neck
Brow
Eyelid & Eyeball
Face
Lips
Jaw
Tongue
Swallowing
MASTICATION
SALIVATION
VOCALIZATION
B

Fig 5

67-0706


CORPUS CALLOSUM
SUPPLEMENTARY SENSORY
f. cing.
?
ROLANDIC SENSORY
Brim of f. Sylvii
INSULA
E.S. 1951
SECOND SENSORY


Toes
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Middle
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Thumb
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Lips
Jaw
Tongue
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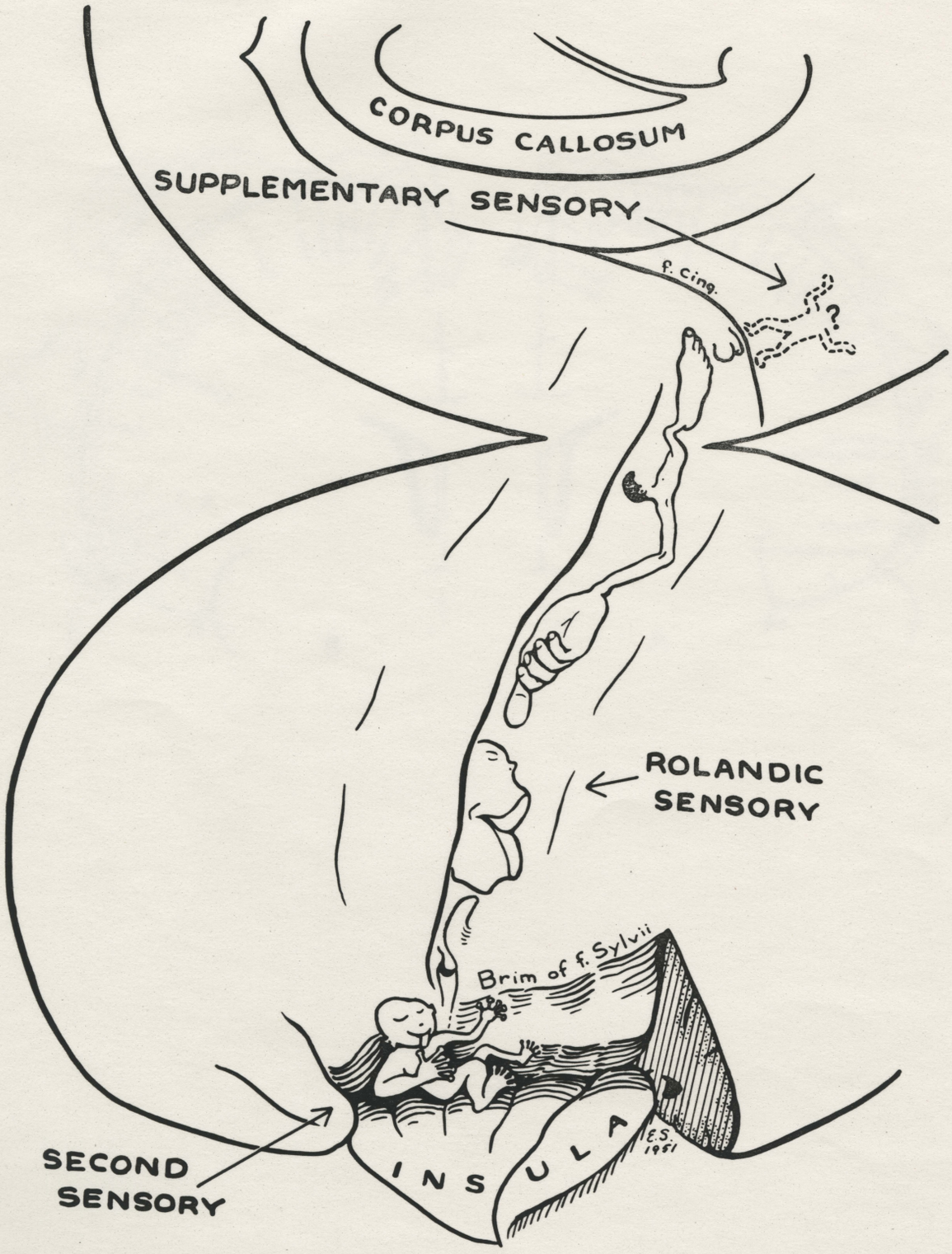
MASTICATION
SALIVATION
VOCALIZATION
B

Fig 5


CORPUS CALLOSUM
SUPPLEMENTARY SENSORY
f. cing.
ROLANDIC SENSORY
Brim of f. Sylvii
SECOND SENSORY
INSULA
E.S. 1951

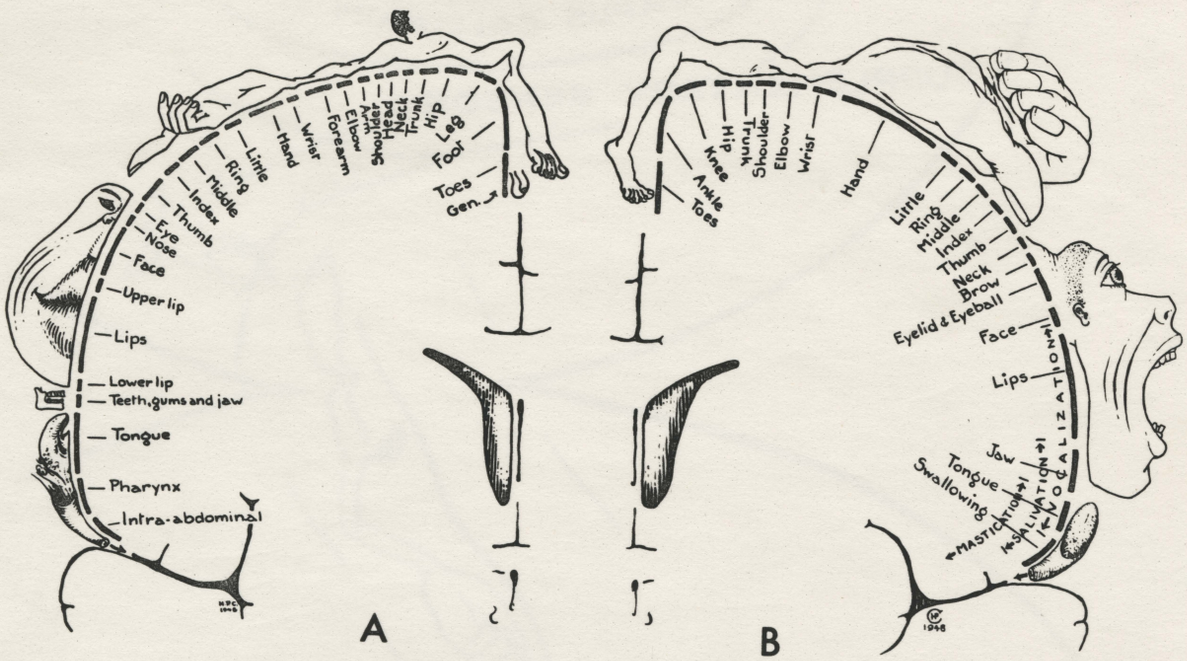
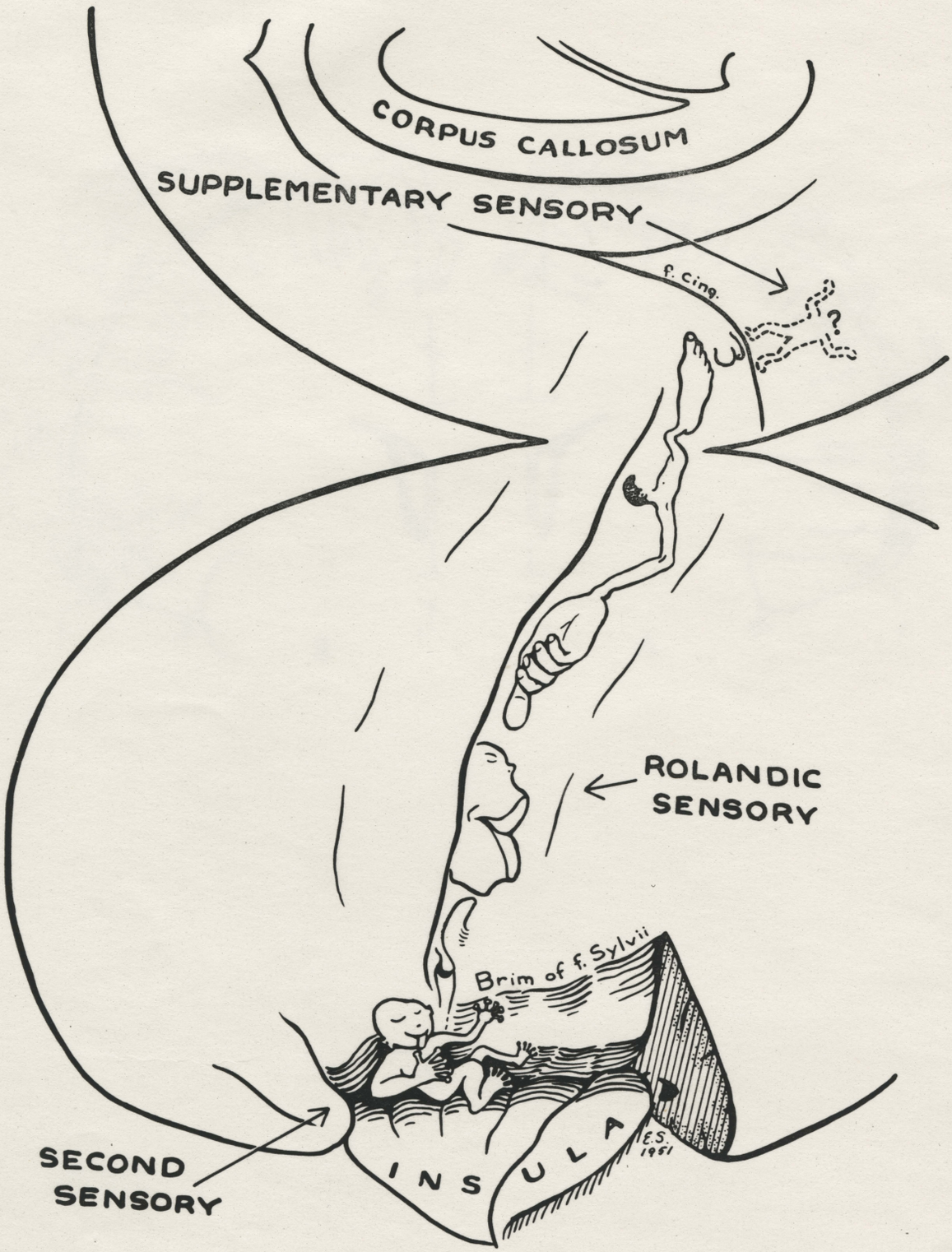
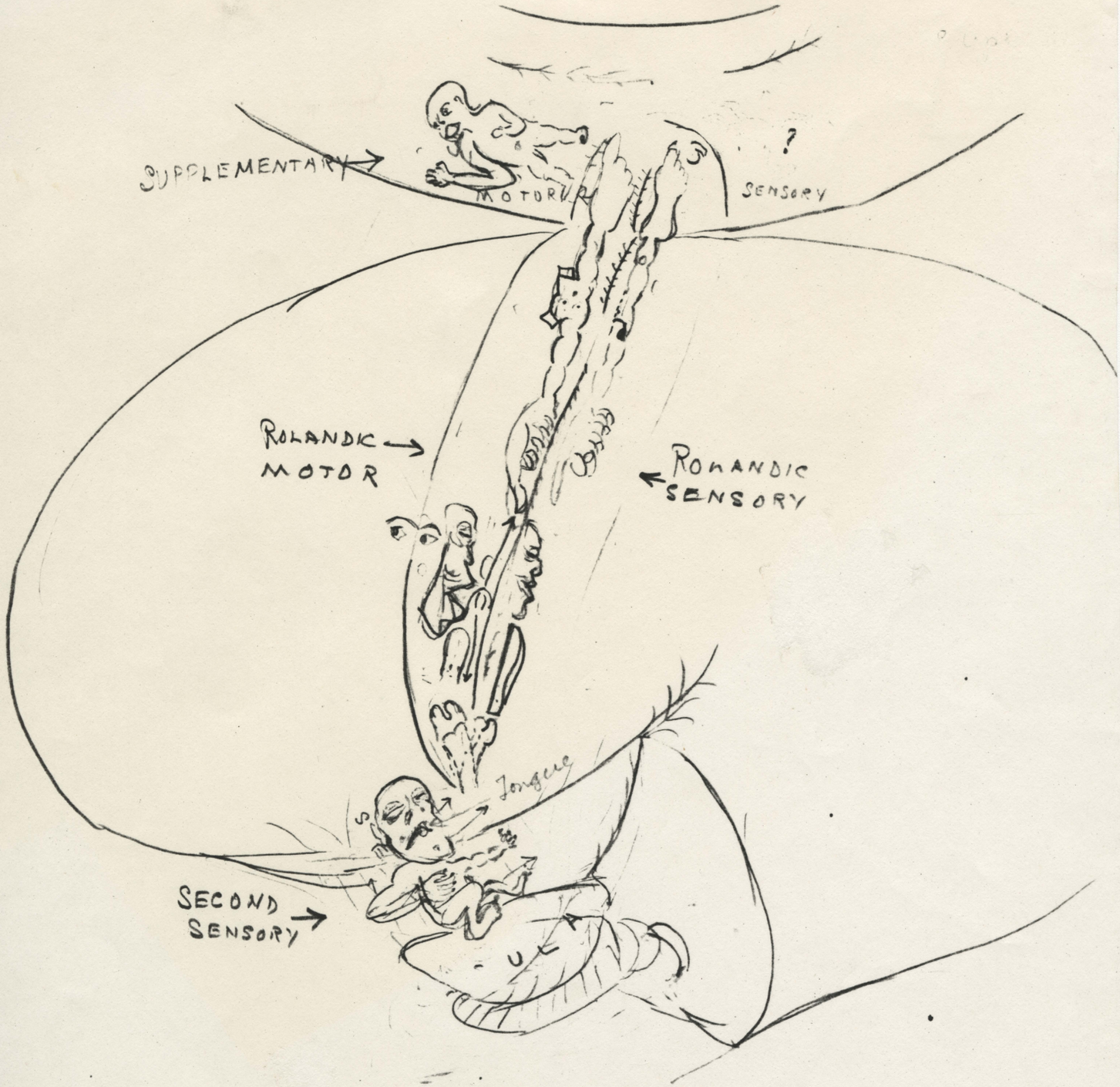


Fig 5

67-0706 Serial No. 2533

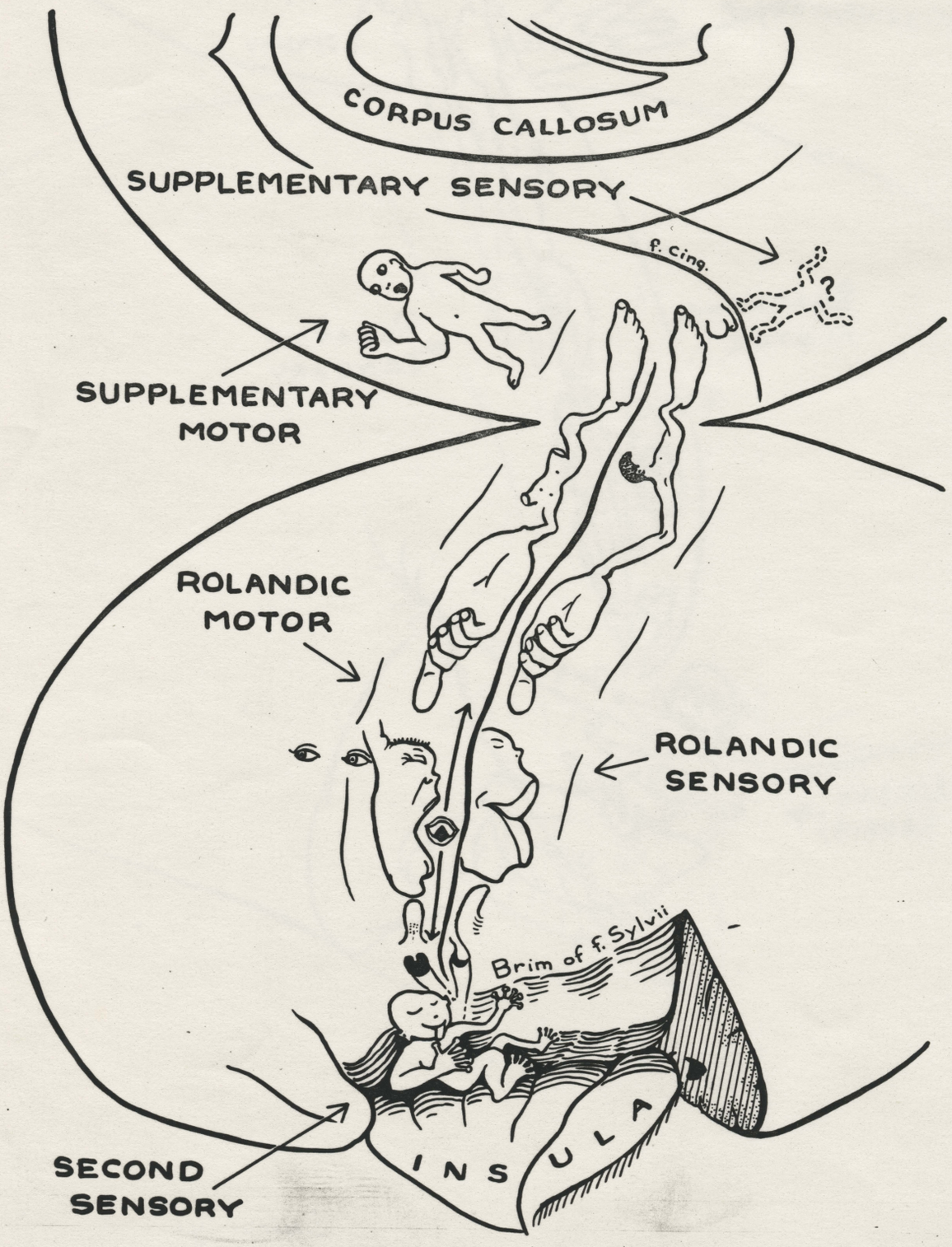

CORPUS CALLOSUM
SUPPLEMENTARY SENSORY
f. Cing.
?
ROLANDIC
SENSORY
Brim of f. Sylvii
SECOND
SENSORY
INSULA
E.S.
1951



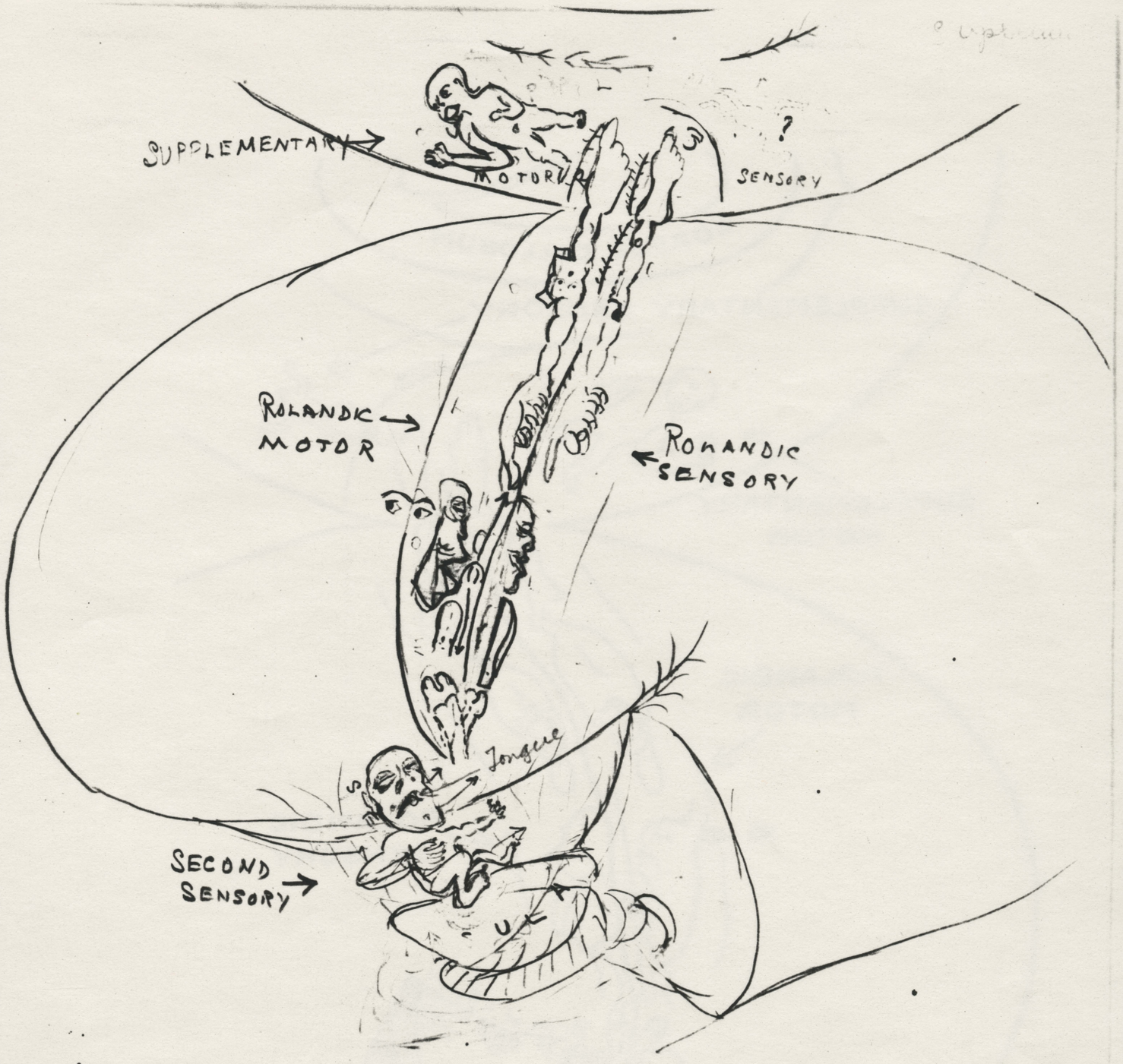
check w/P93 157

Sensory eye area ... spread
it ... tongue ... area.

w/P93 PNR 1
140
168
213

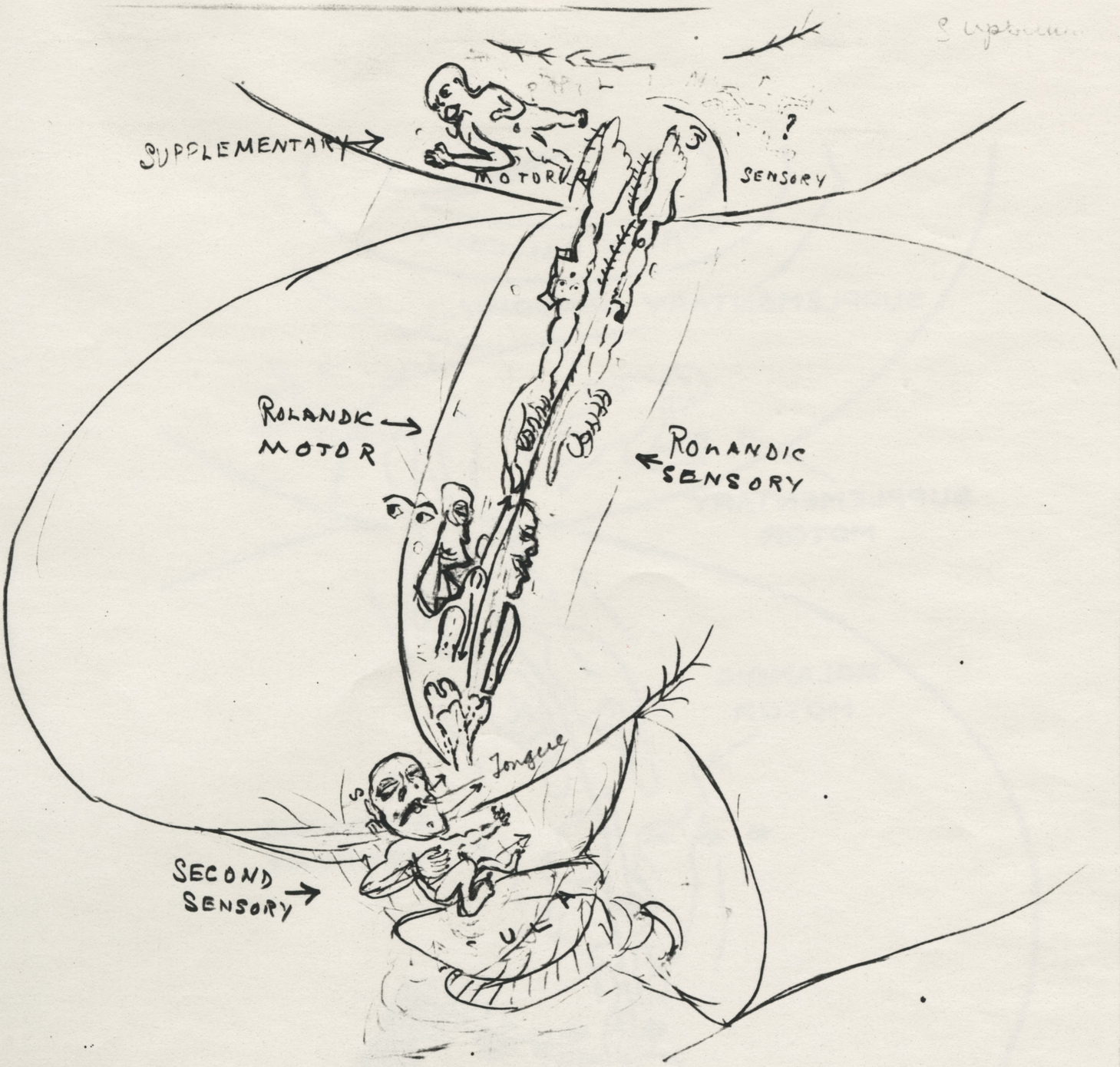

CORPUS CALLOSUM
SUPPLEMENTARY SENSORY
f. cing.
?
SUPPLEMENTARY MOTOR
ROLANDIC MOTOR
ROLANDIC SENSORY
Brim of f. Sylvii
INSULA
SECOND SENSORY

#51/1468



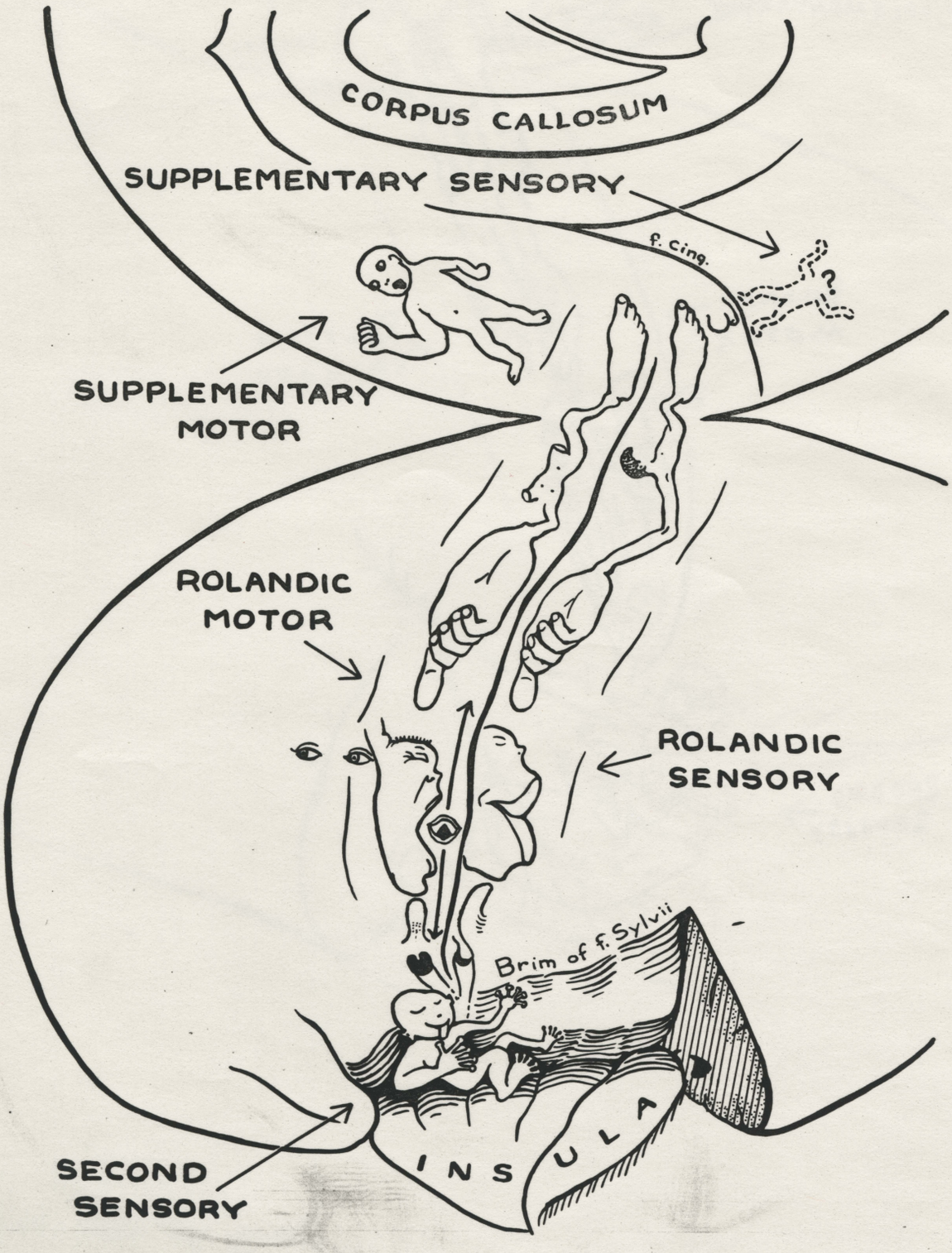
Sensory eye area absent
in tongue area

file w/B6-5/6v

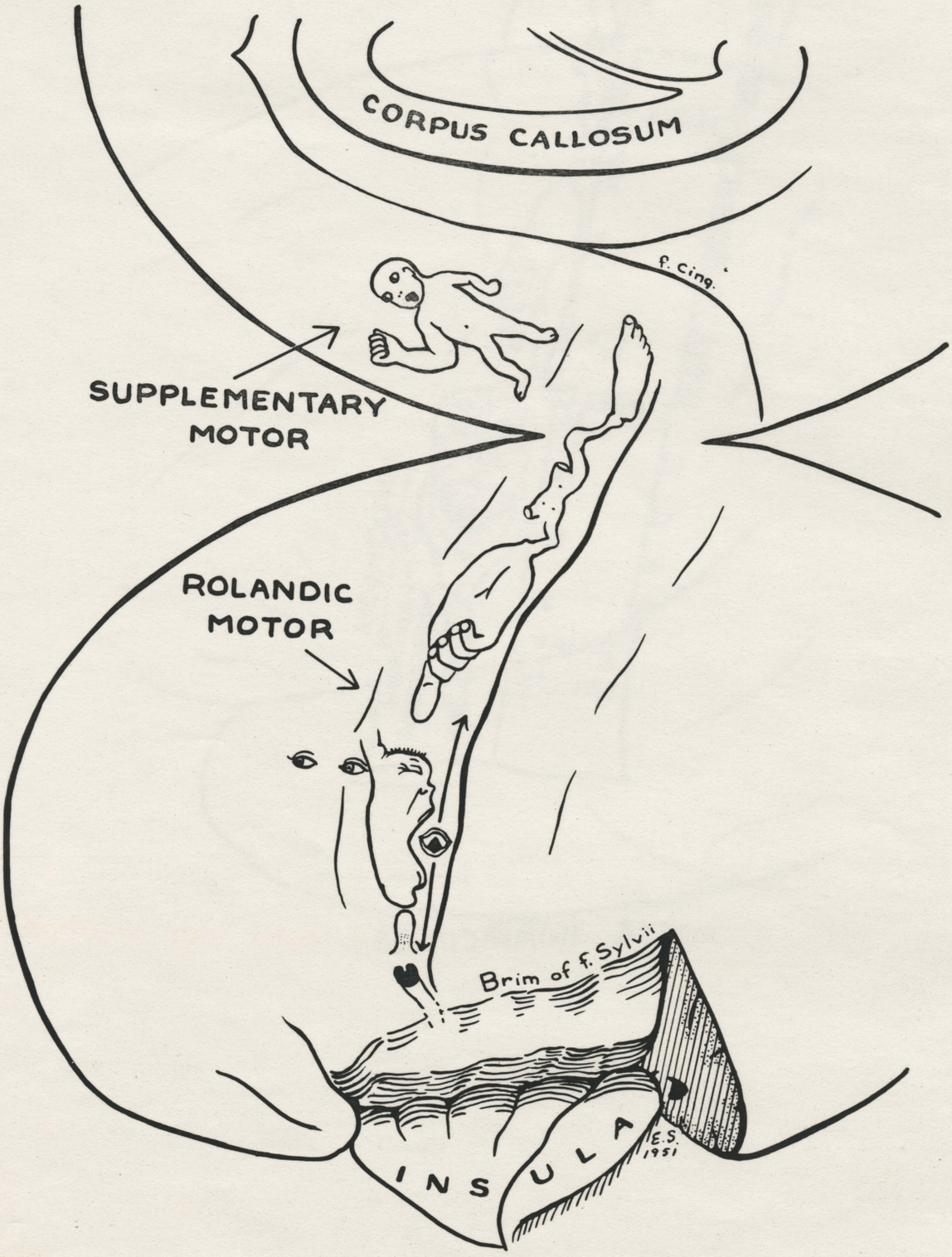


Sensory eye almost absent
" tongue pen. area

file W136-5/6V


CORPUS CALLOSUM
SUPPLEMENTARY SENSORY
f. cing.
?
SUPPLEMENTARY MOTOR
ROLANDIC MOTOR
ROLANDIC SENSORY
Brim of f. Sylvii
INSULA
SECOND SENSORY

#51-1468


CORPUS CALLOSUM
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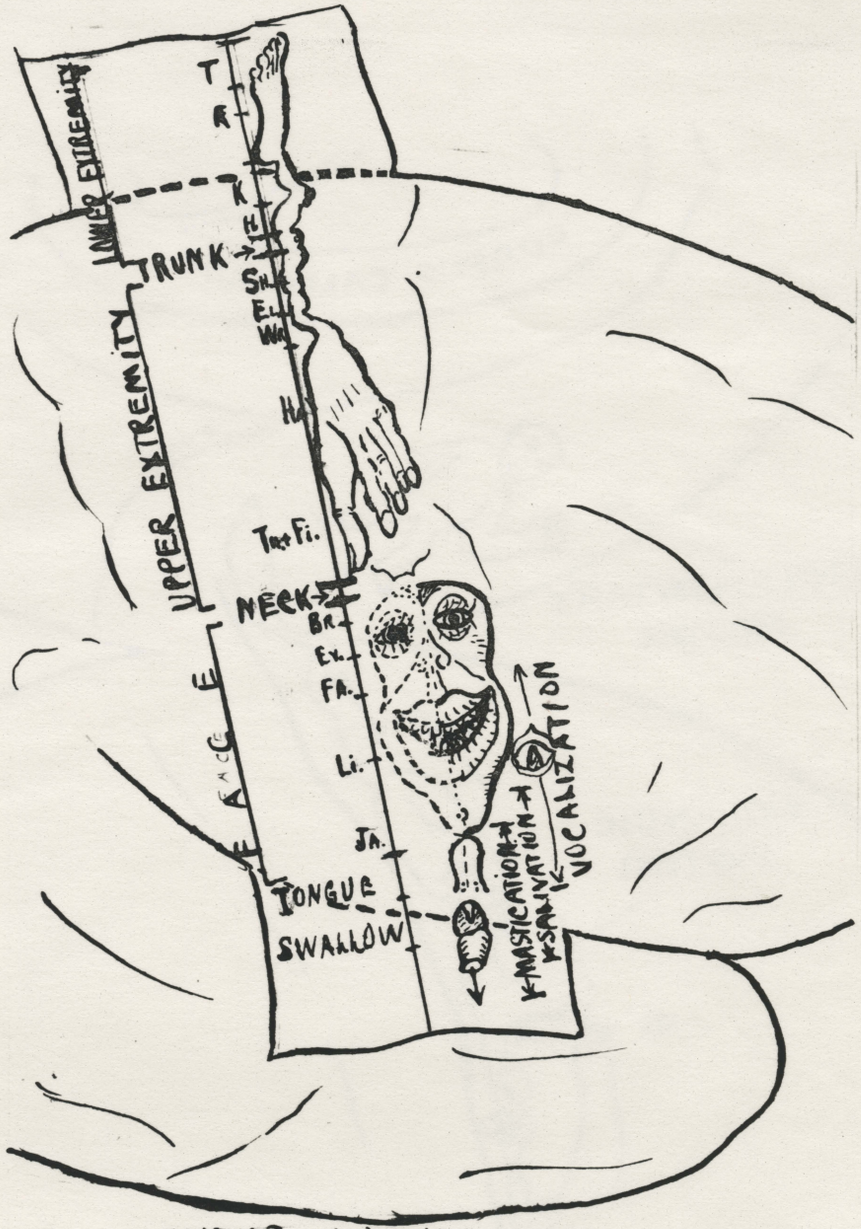
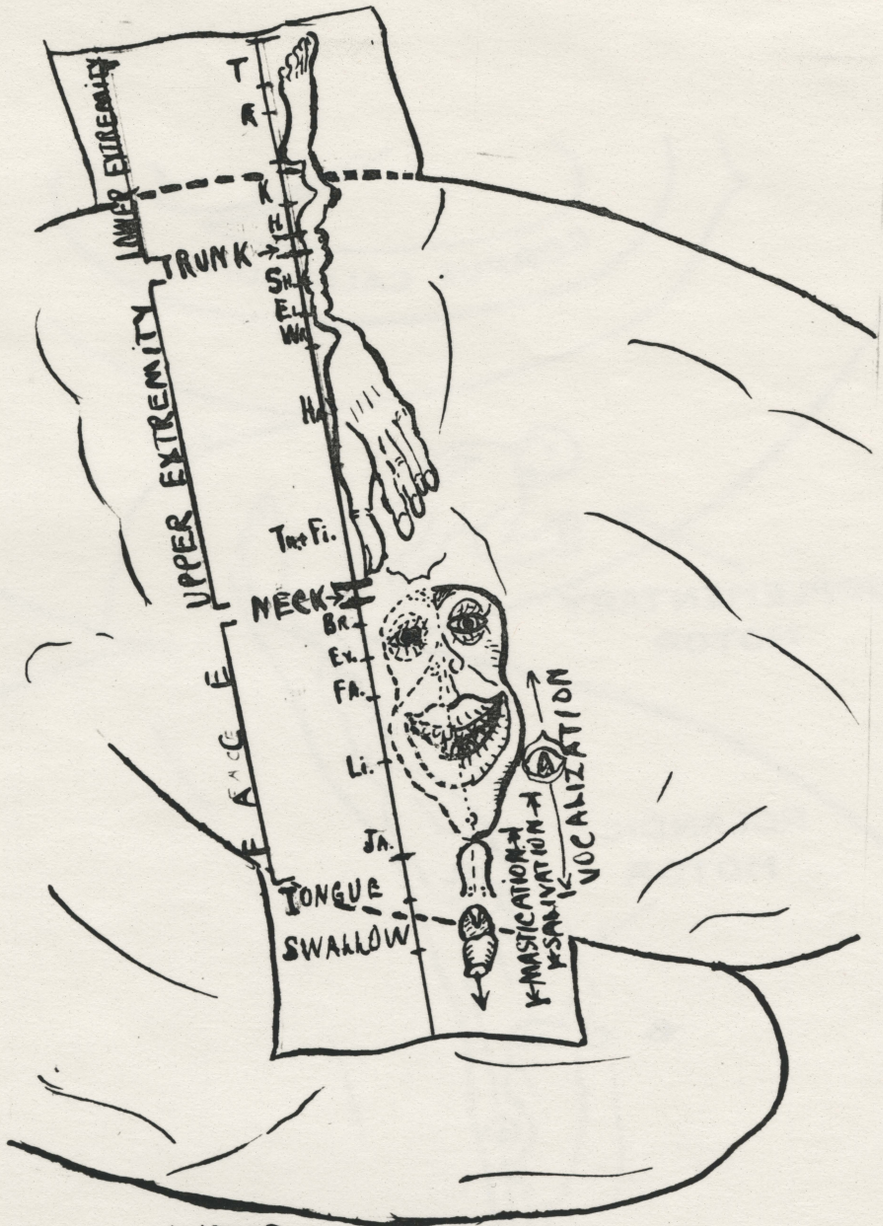
SUPPLEMENTARY MOTOR
ROLANDIC MOTOR
Brim of f. Sylvii
INSULA
E.S. 1951



MOTOR HOMUNCULUS

for Monday Sept

AD→



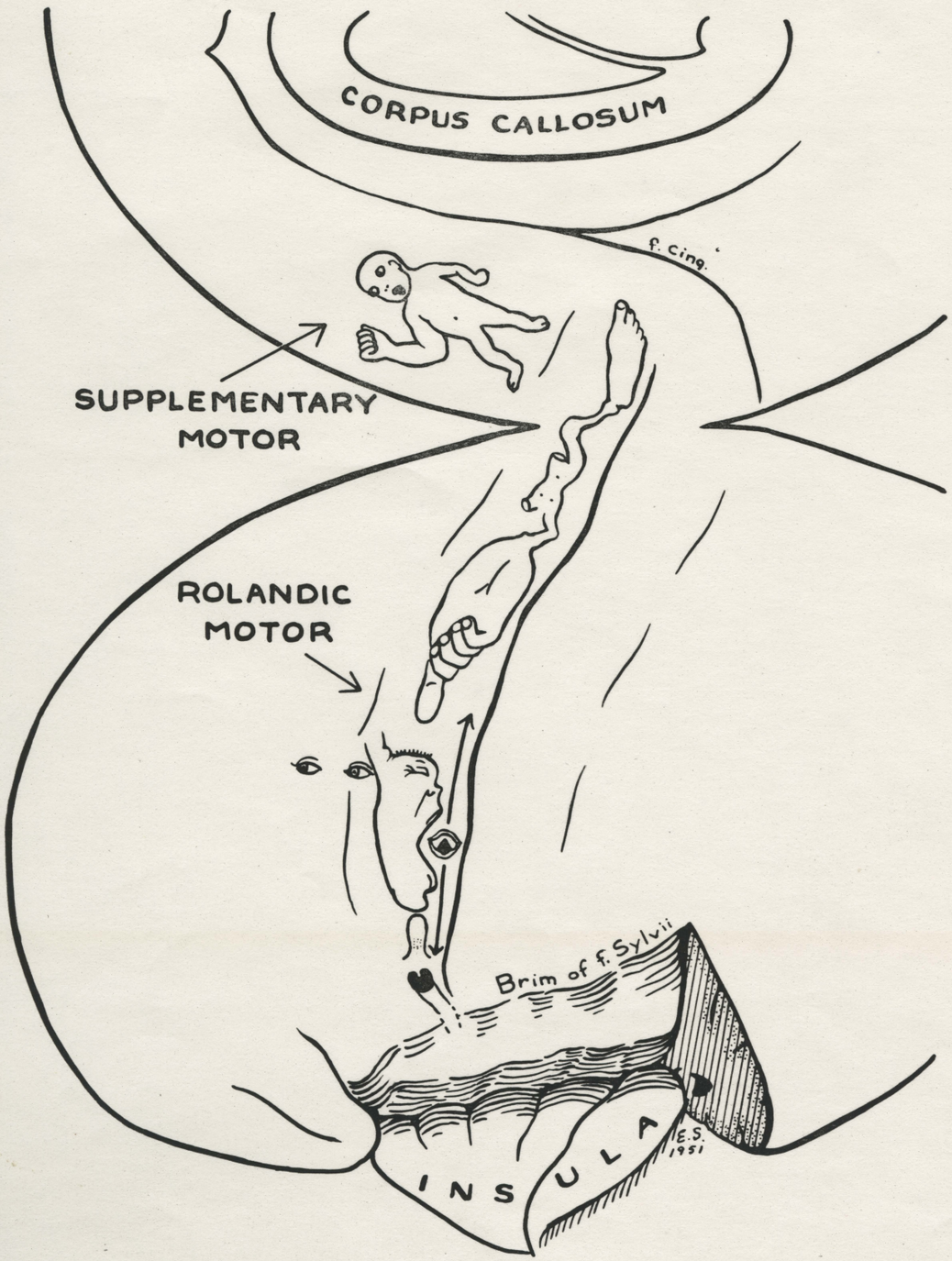
MOTOR HOMUNCULUS

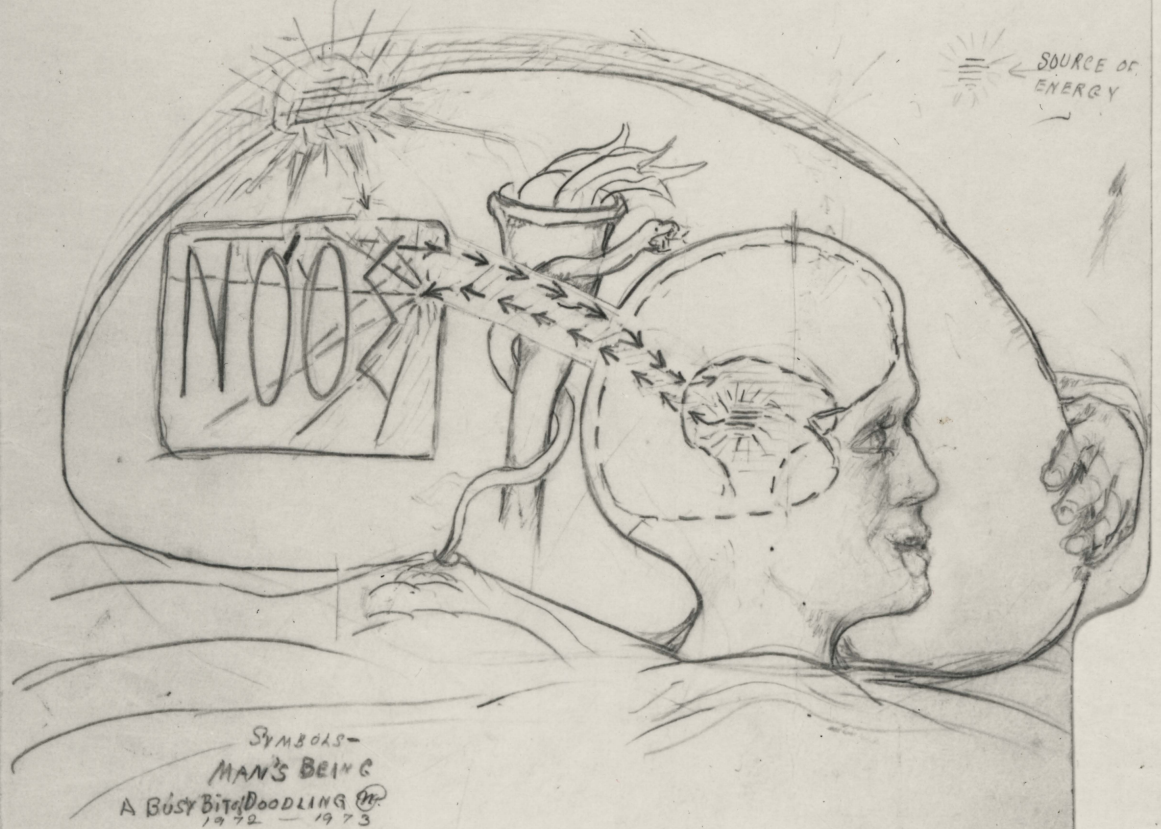
for Monday ap[illegible]

AD→

Motor Homunculus

Sensory Homunculus


CORPUS CALLOSUM
f. Cing.
SUPPLEMENTARY MOTOR
ROLANDIC MOTOR
Brim of f. Sylvii
INSULA
E.S. 1951



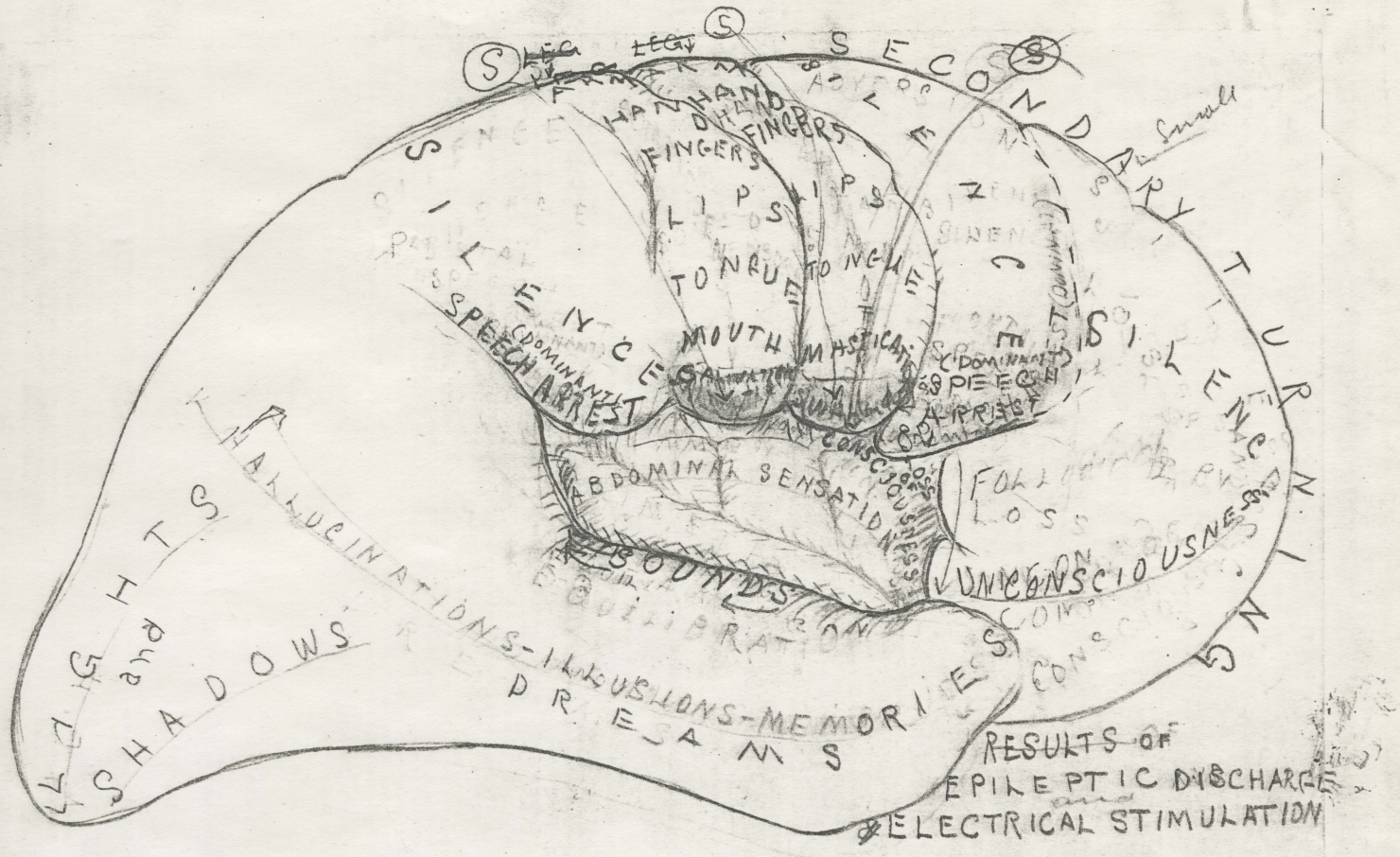
SYMBOLS-
MAN'S BEING
A BUSY BIT of DOODLING
1972 — 1973

MYSTERY
FIGURES MYSTERY OF THE MIND

BR. + Mind — ~~Ms~~ ~~Sept~~

NAME
NOM
Brain Mechanisms + Mind of Man
NO.

w/V1



(S) = SECONDARY REPRESENTION OF HAND + FOOT

Fig 1 7-1

HOMUNCULUS

W/B 6-5/6 V

Walshe
C/D 20

August 20th, 1946.

Dr. F. M. R. Walshe,
11-12 Wimpole Street,
London W.1. England.

Dear Walshe:-

I was delighted to hear from you as always. I am sorry you could not attend at the Ferrier Lecture, as we would have had an opportunity to discuss many things, and I think the presentation might have been of some interest to you because of your present preoccupation.

I did not realize that the mosaic representation was believed in by many people, or that it represents any widespread misconception.

As far as the homunculus is concerned, it was one of a number of illustrations which we used to try to illustrate the truth. Of course, there is nothing like the homunculus as far as cortical representation is concerned, but it seems to be the only sort of thing that people in general understand. I would gladly kill the damn thing if I could, but that is never possible. It does call attention to certain facts, such as the reversal of order of representation in the face and neck, as compared with the rest of the body.

There is a great difference in the manner of re-representation of motor function and of sensory function in the cortex. From the point of view of sensory function, there is a re-representation of the whole spinal representation in the cortex, whereas in regard to motor function, the cortical representation is so different from the spinal that it is difficult to make any comparison.

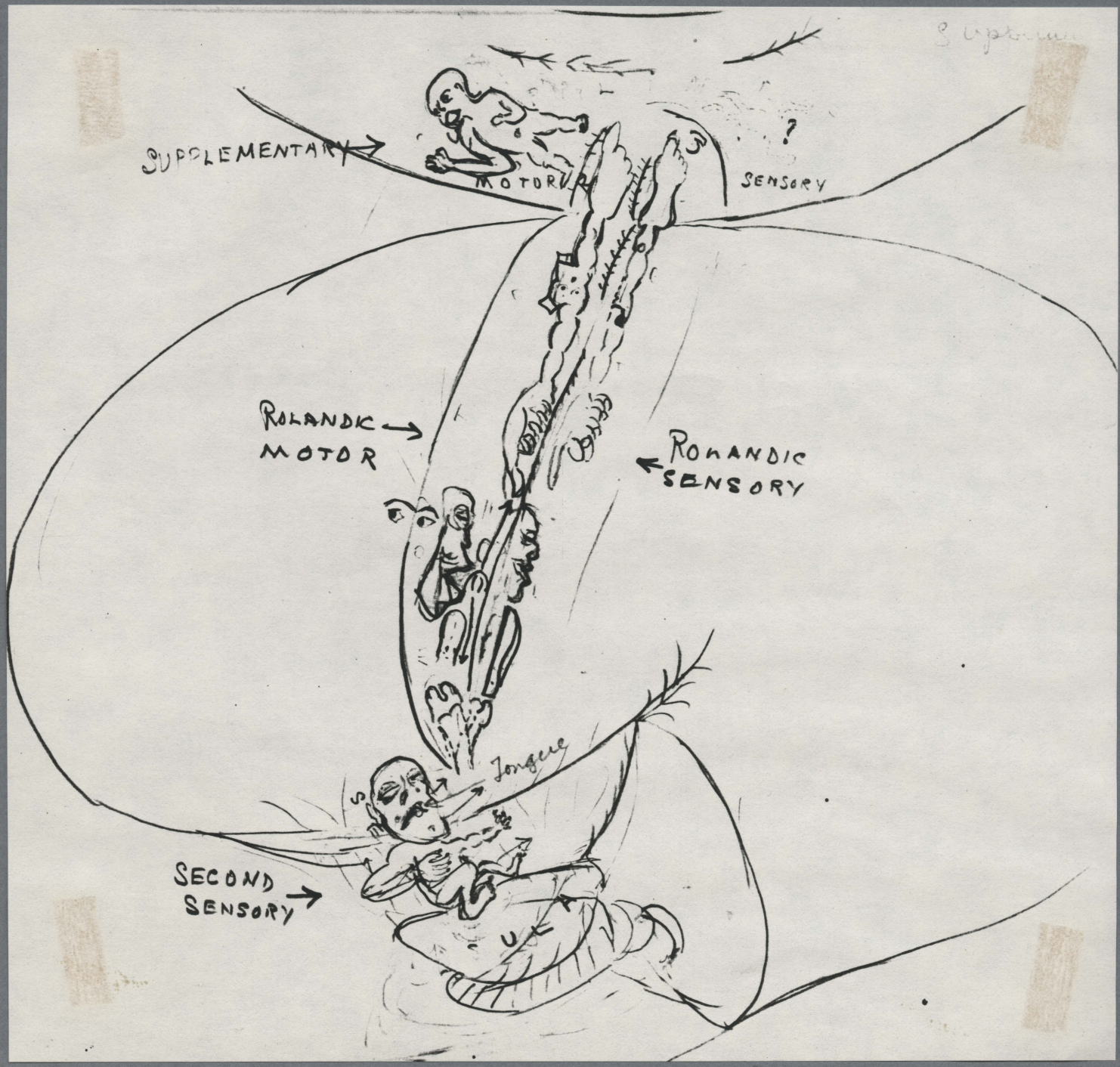
If you would like to see it, I will send the Ferrier Lecture along to you, and ask you to turn it over to the Secretary of the Royal Society to be printed. I shall have it ready in a week or two. I am afraid I may have misrepresented some points of view already in this letter.

Best regards,

Yours sincerely,

WP/af

MOTOR HOMUNCULUS
FACE
TONGUE
SWALLOW
JA
LI
EX
FA
NECK
BR
TH
FI
HI
EYES
HEAD
TRUNK
UPPER EXTREMITY
LOWER EXTREMITY
MASTICATION
RESPIRATION
VOCALIZATION


SUPPLEMENTARY
MOTOR
?
SENSORY
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MOTOR
ROLANDIC
SENSORY
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S
SECOND
SENSORY
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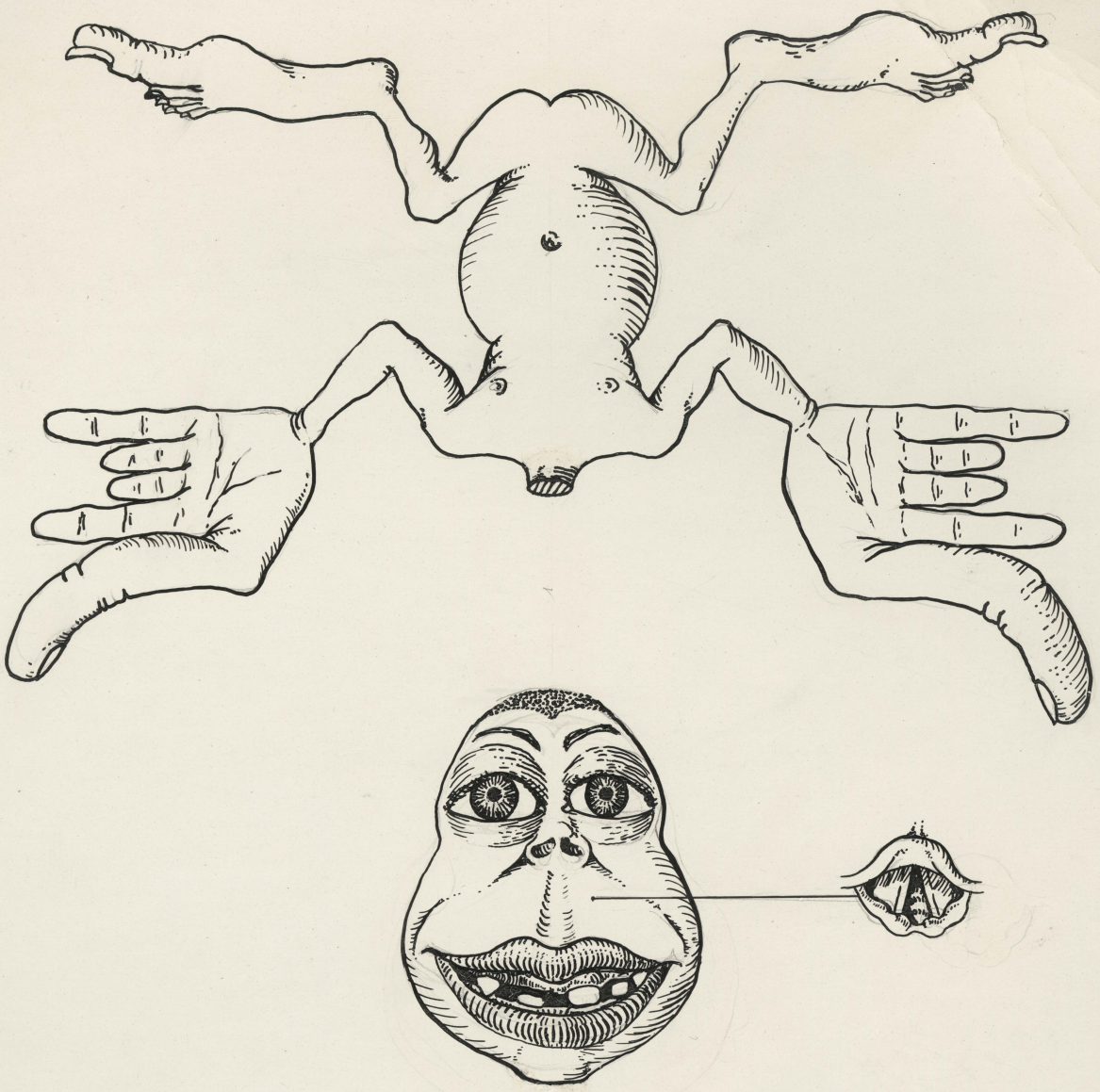
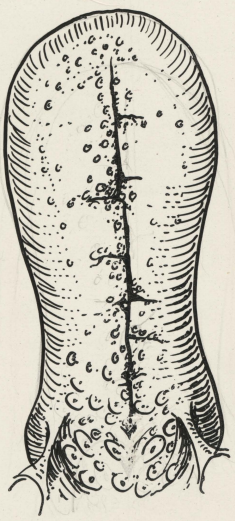




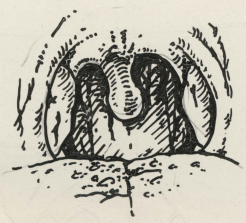
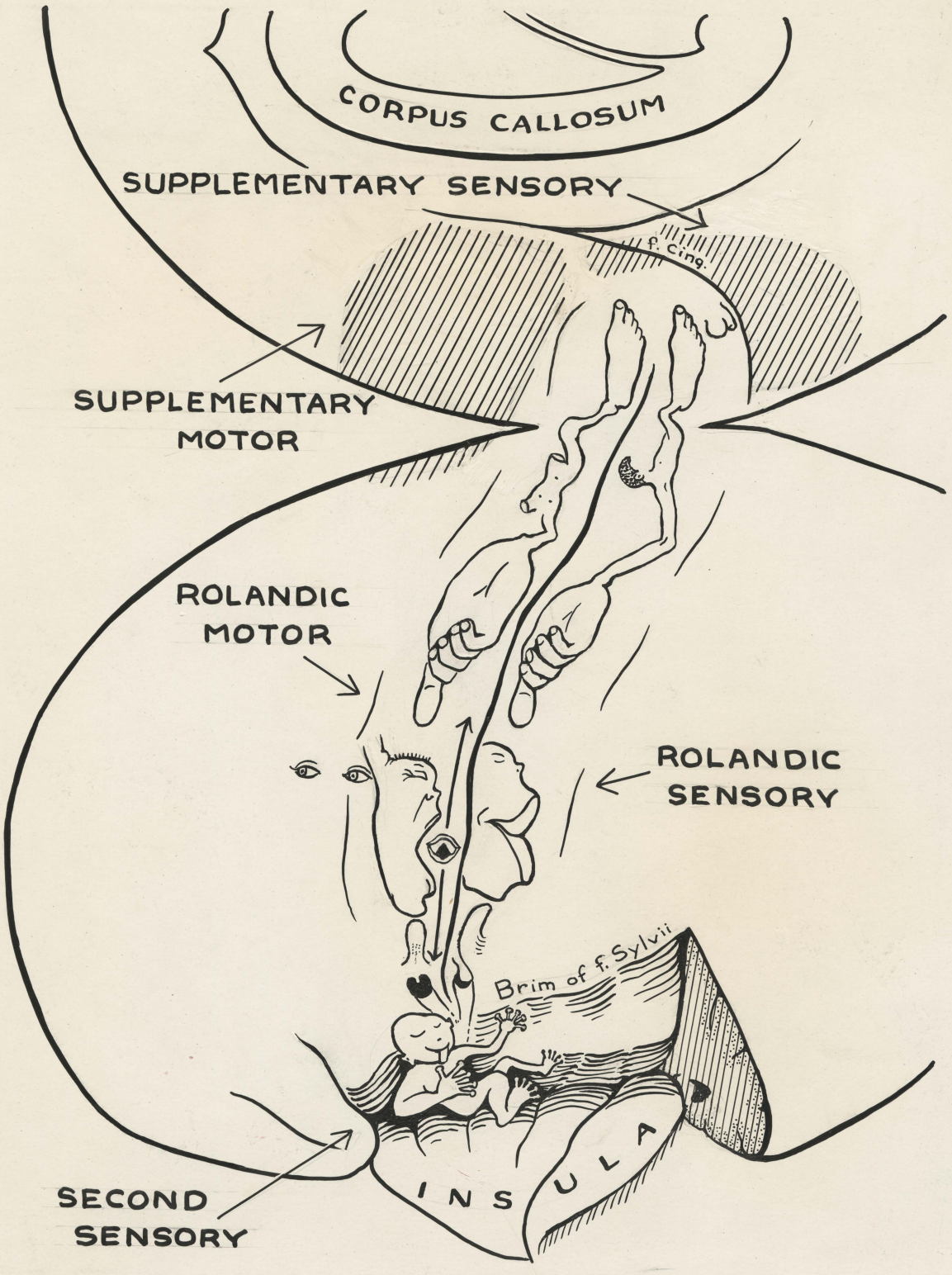
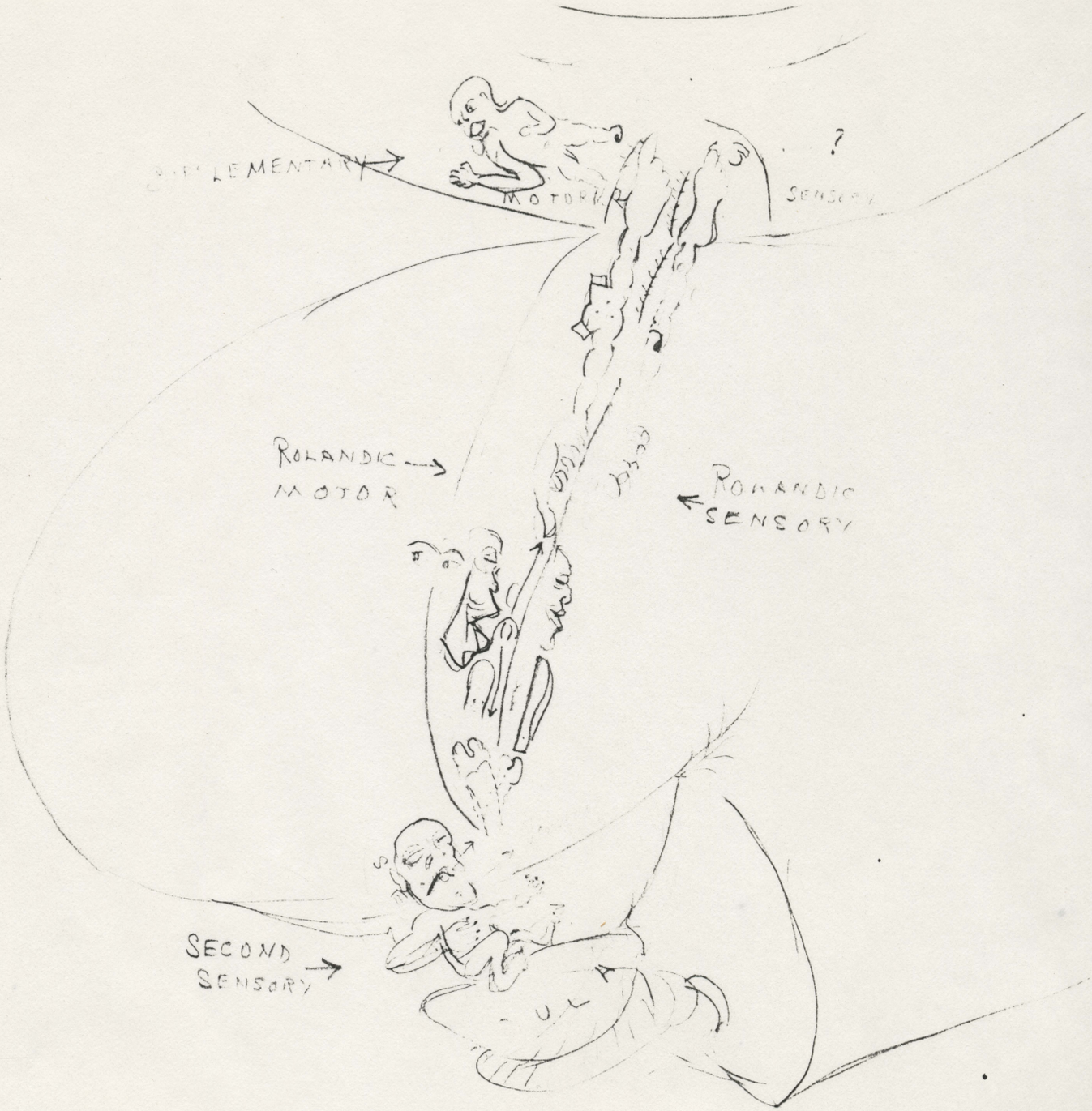


Fig. 28.

Reduce enough to occupy one complete page with legend below


CORPUS CALLOSUM
SUPPLEMENTARY SENSORY
f. Cing.
SUPPLEMENTARY MOTOR
ROLANDIC MOTOR
ROLANDIC SENSORY
Brim of f. Sylvii
INSULA
SECOND SENSORY


SUPPLEMENTARY
MOTOR
SENSORY
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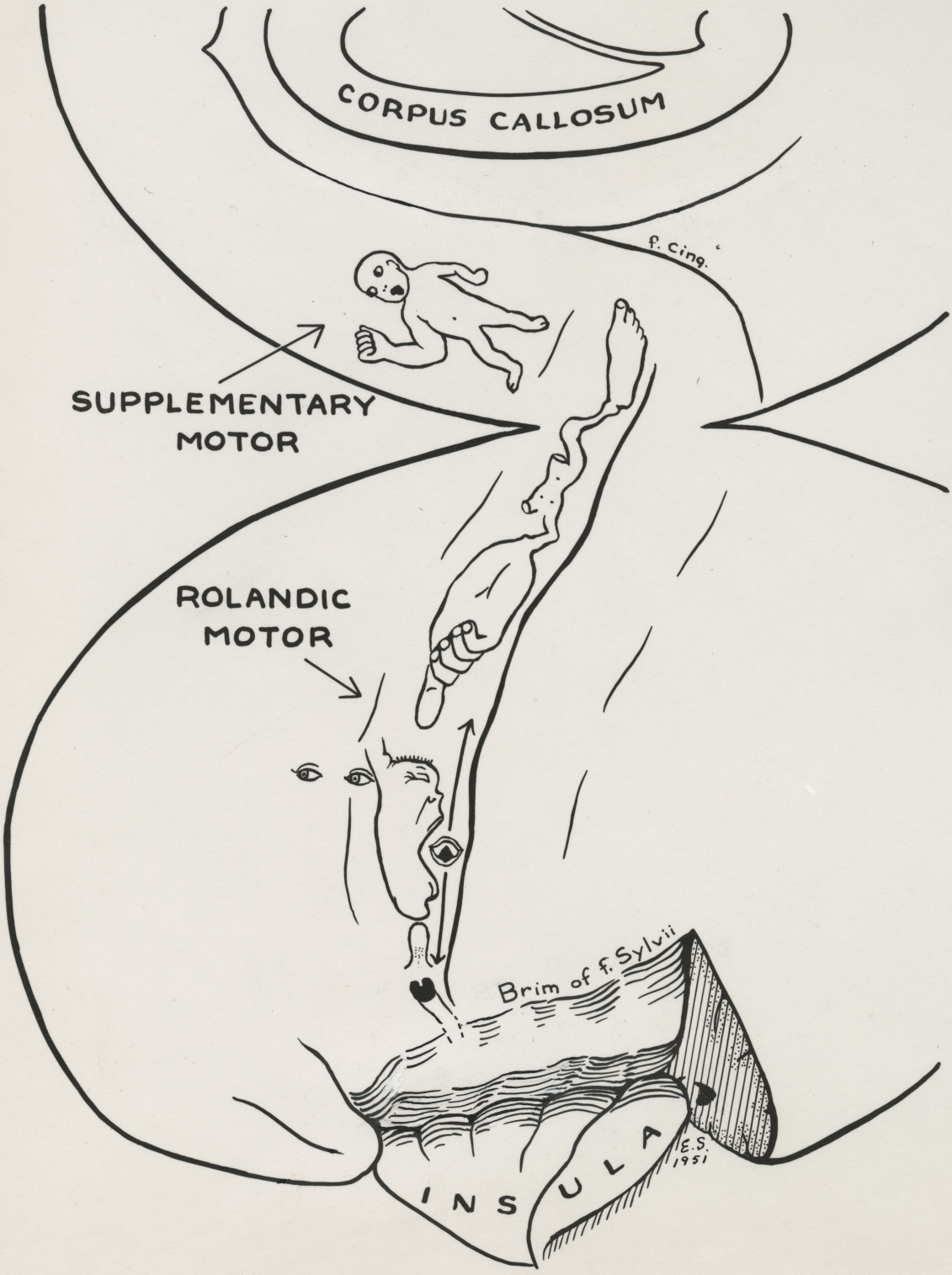
MOTOR
ROLANDIC
SENSORY
SECOND
SENSORY
U L A

W/B 6-5/6r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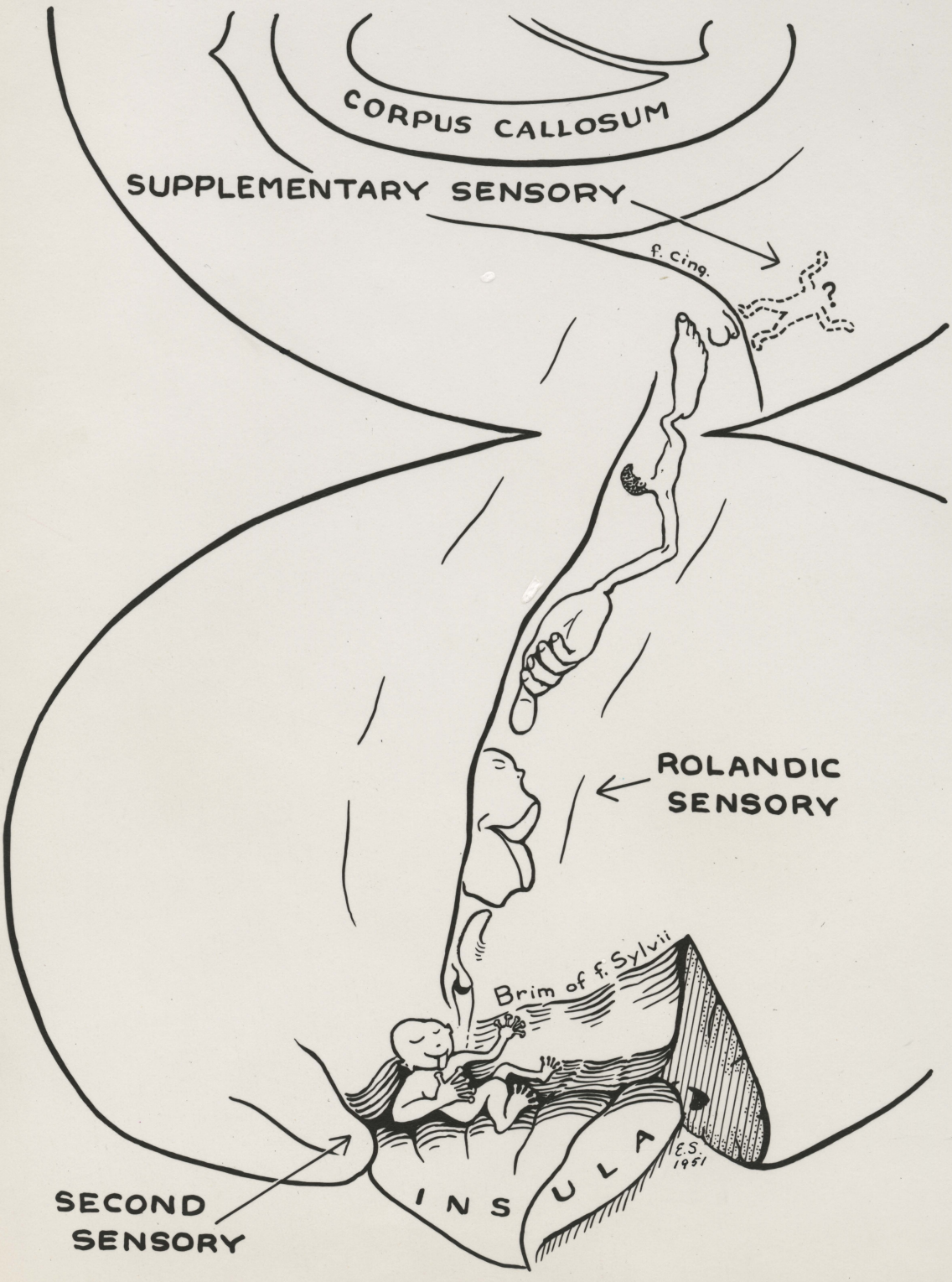
f. Cing.
SUPPLEMENTARY MOTOR
ROLANDIC MOTOR
Brim of f. Sylvii
INSULA
E.S. 1951


CORPUS CALLOSUM
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INSULA
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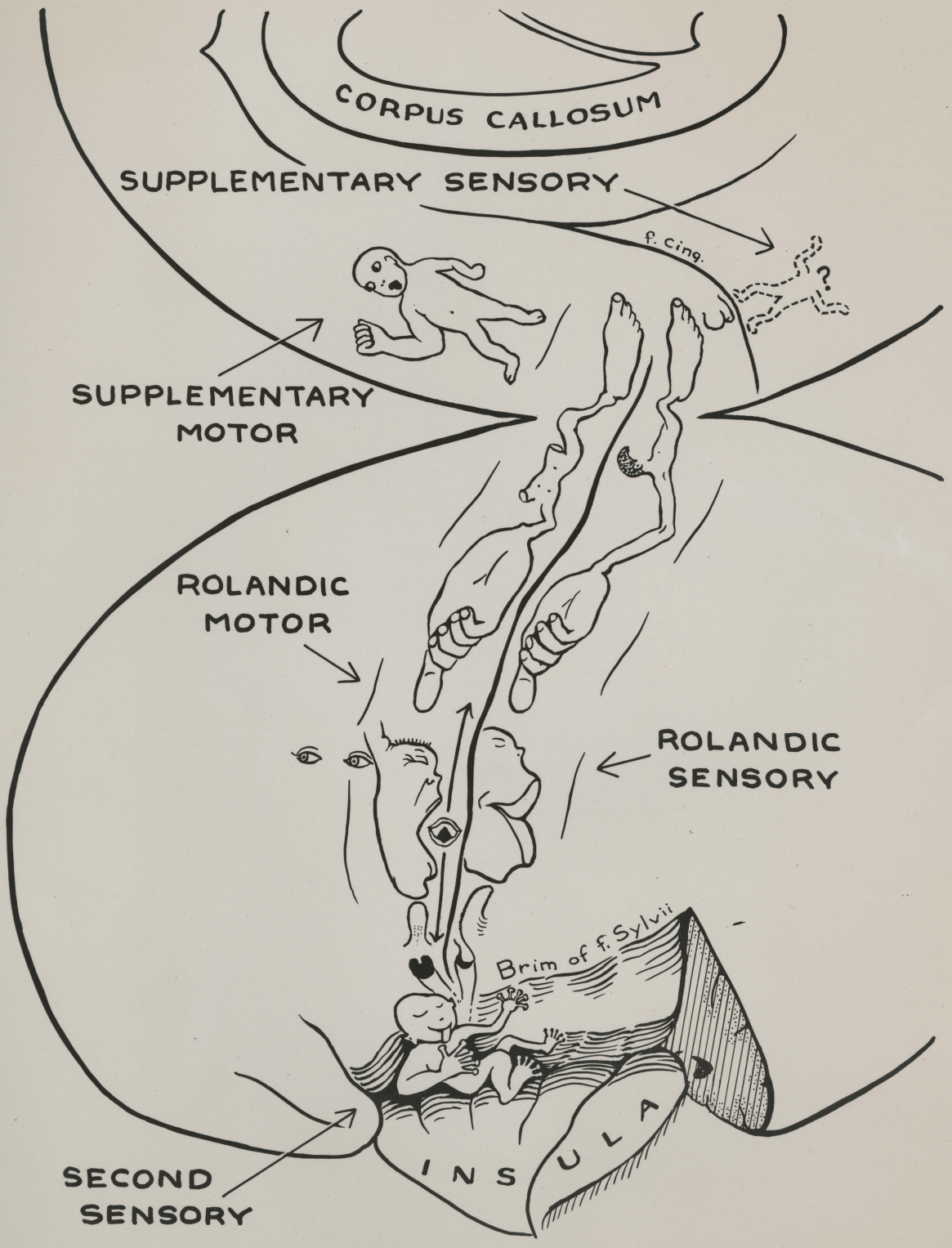
SECOND SENSORY


CORPUS CALLOSUM
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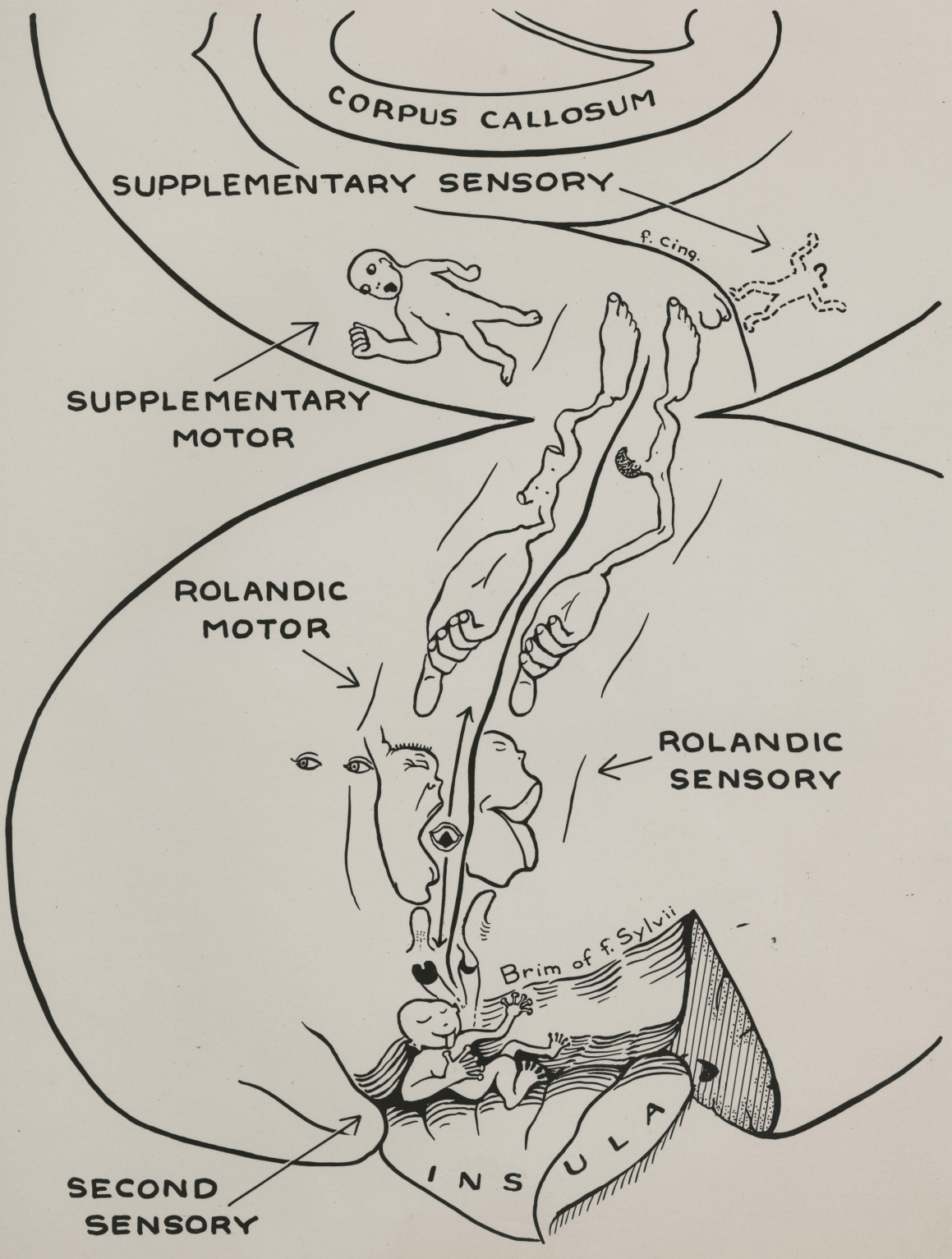
CORPUS CALLOSUM
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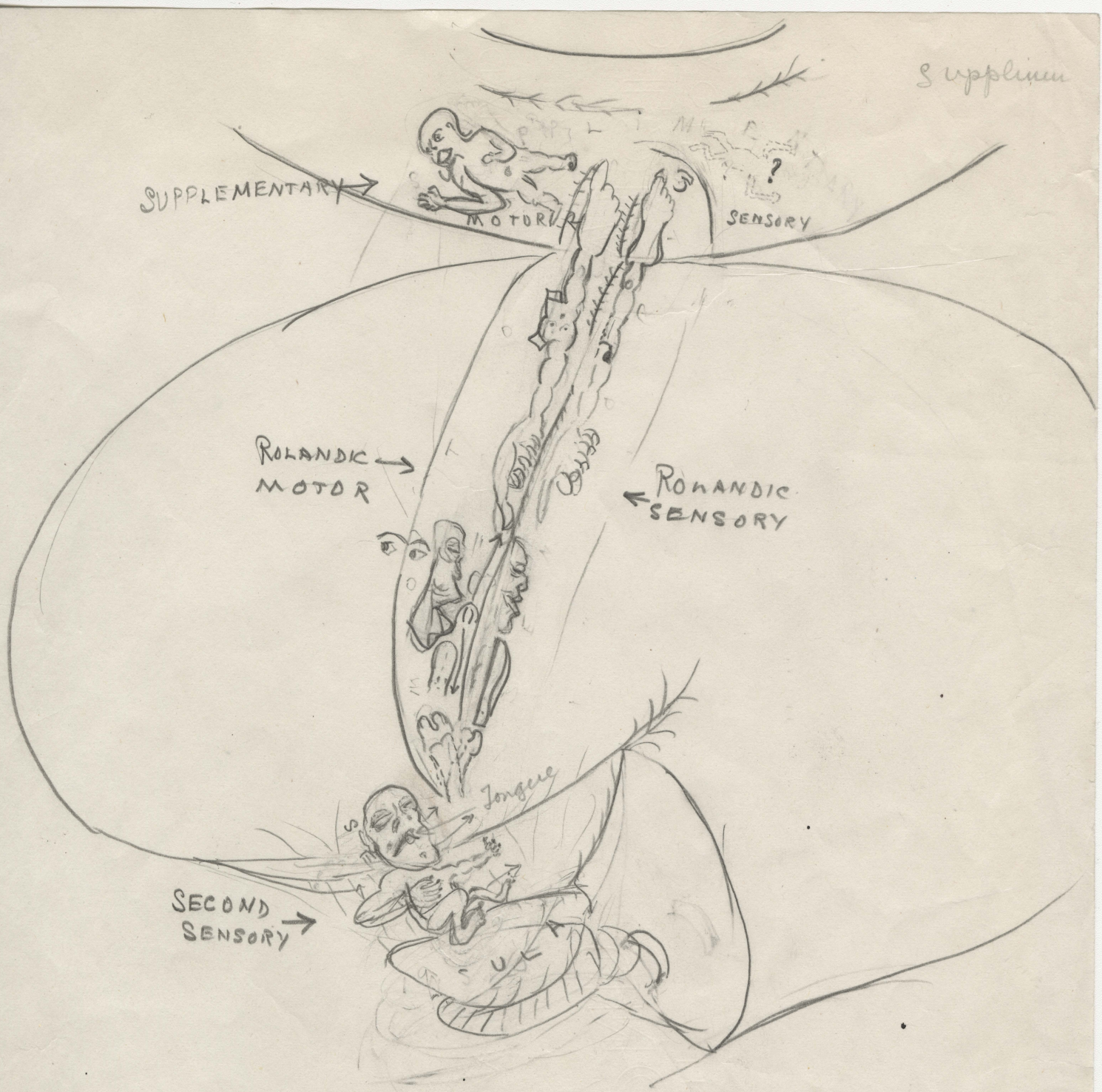
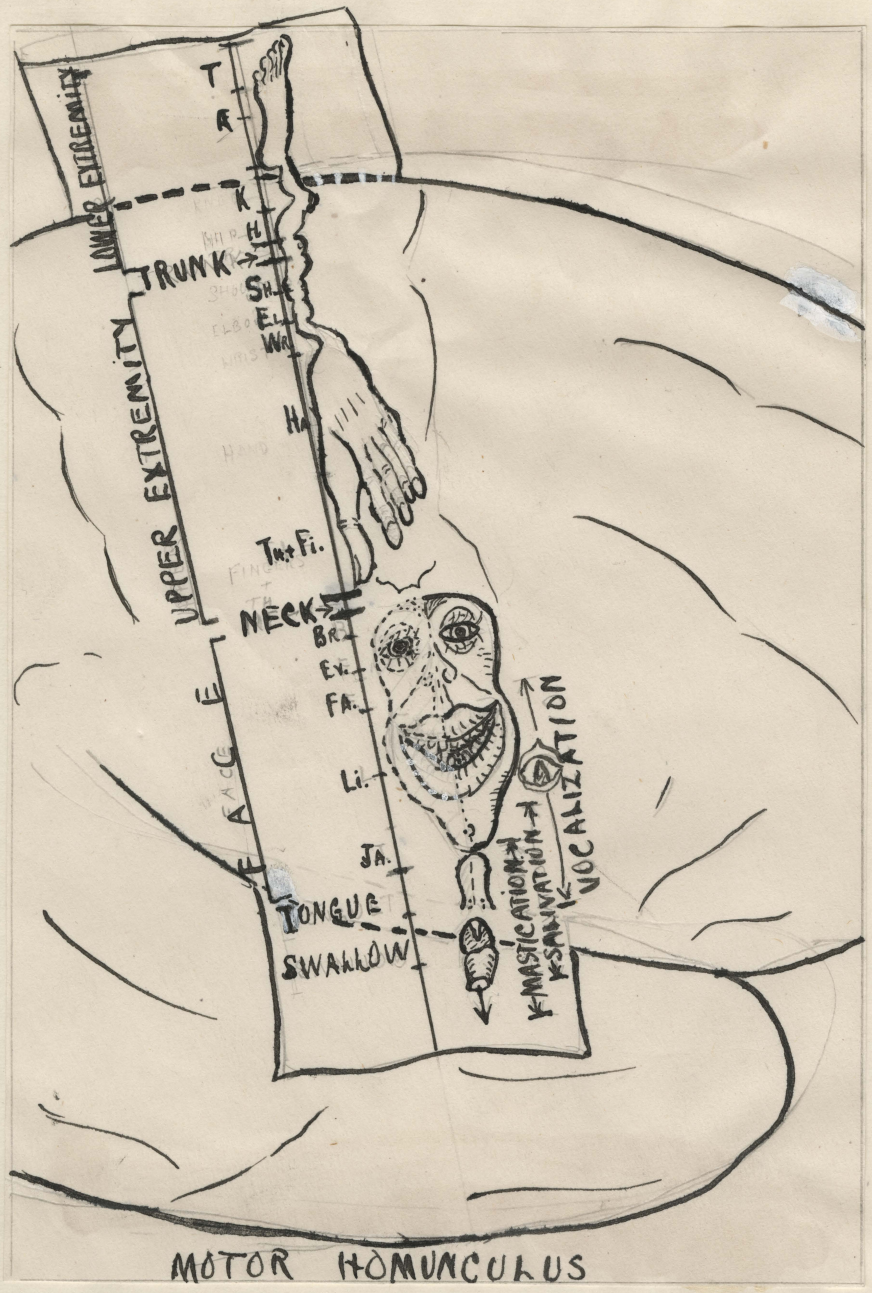
SECOND SENSORY



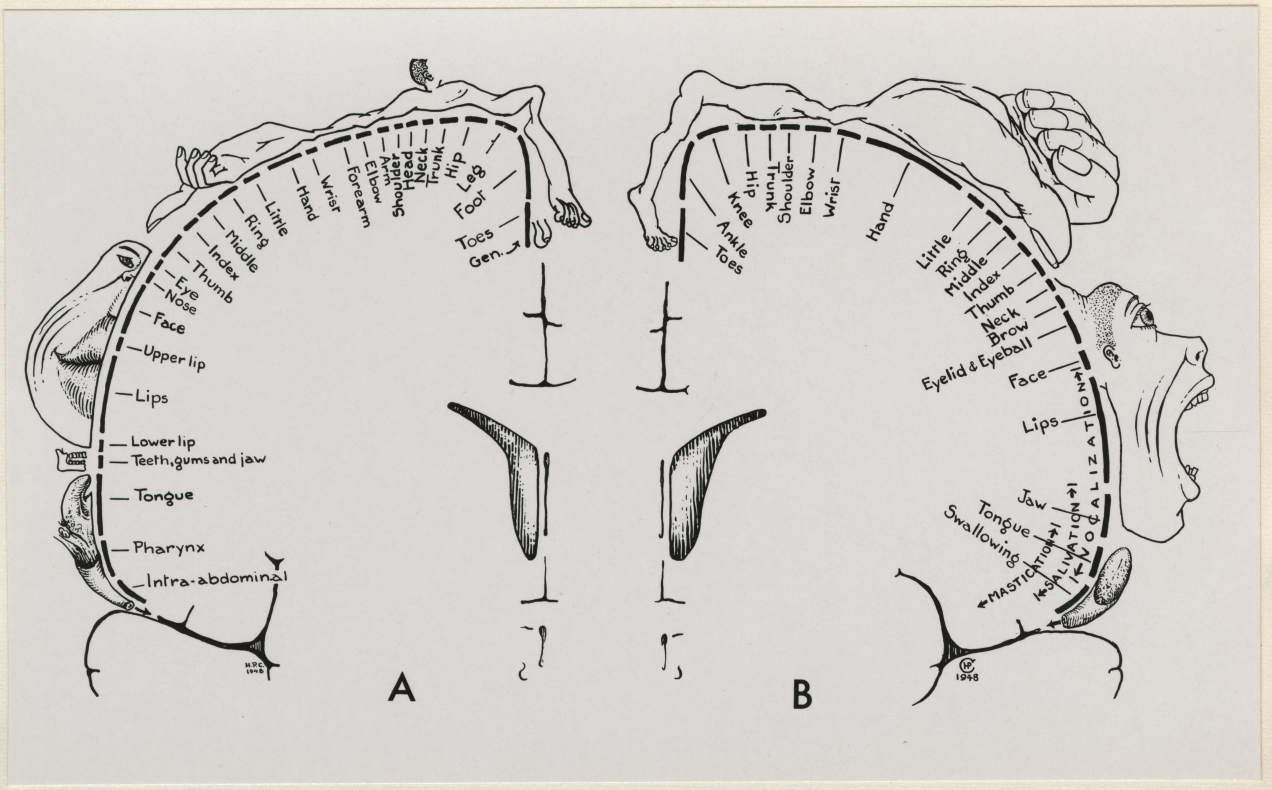
Sensory eye almost absent
" tongue very large



MOTOR HOMUNCULUS

for Monday afternoon

AD → Please make Lantern Slide


Toe
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Foot
Toes
Gen.
Little
Ring
Middle
Index
Thumb
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Nose
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Upper lip
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Lower lip
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Lips
Jaw
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Swallowing
MASTICATION
SALIVATION
VOCALIZATION
B

Fig 5

67-0706