

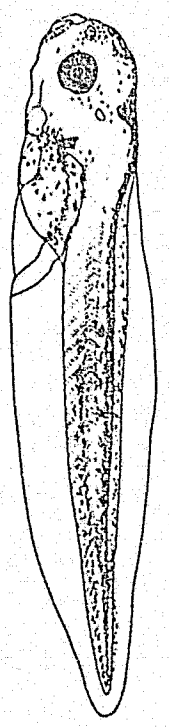
https://dspace.org/

The effecta of 5-bromodeoxyyuridine and 5-fluorodeoxyuridine on differentiation and metamorphosis in xenopus laevis tadpoles

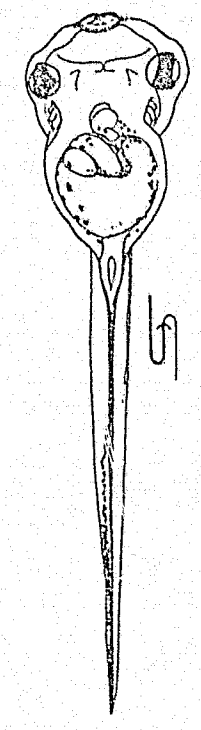
Christie, Caroline Anne

2014-12-17
http://hdl.handle.net/10539/16010

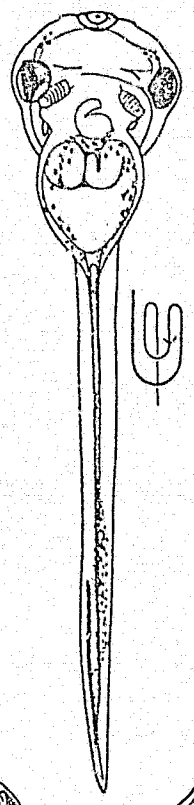
Downloaded from a DSpace repository. https://dspace.org/



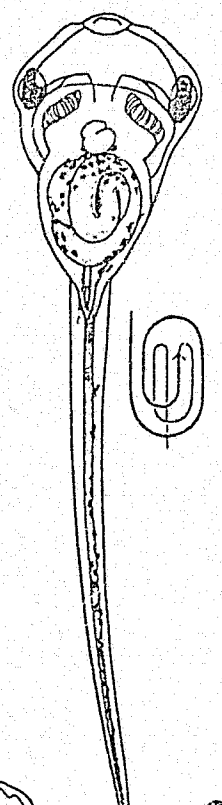
St. 43 — Lat.



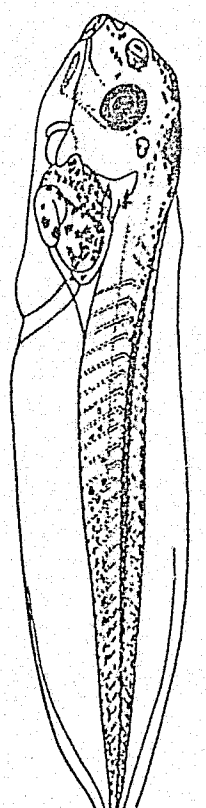
St. 43 — Ventr.



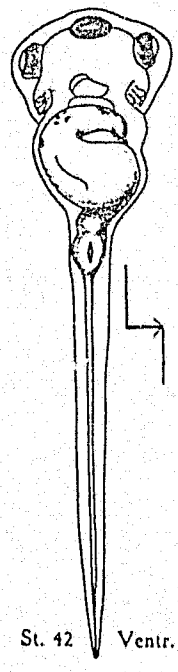
St. 44 Ventr.



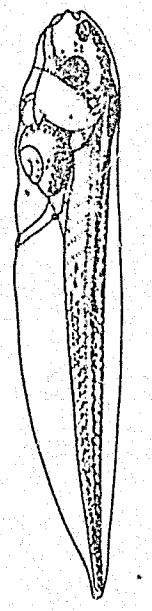
St. 45 Ventr.



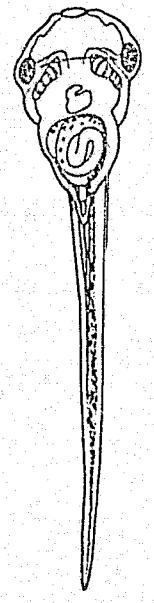
St. 45 — Lat.



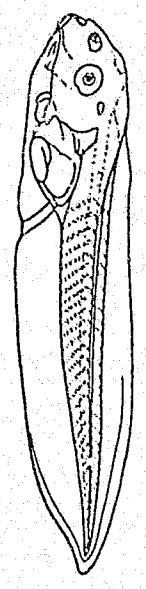
St. 42 Ventr.



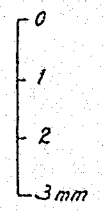
St. 46 — Lat.

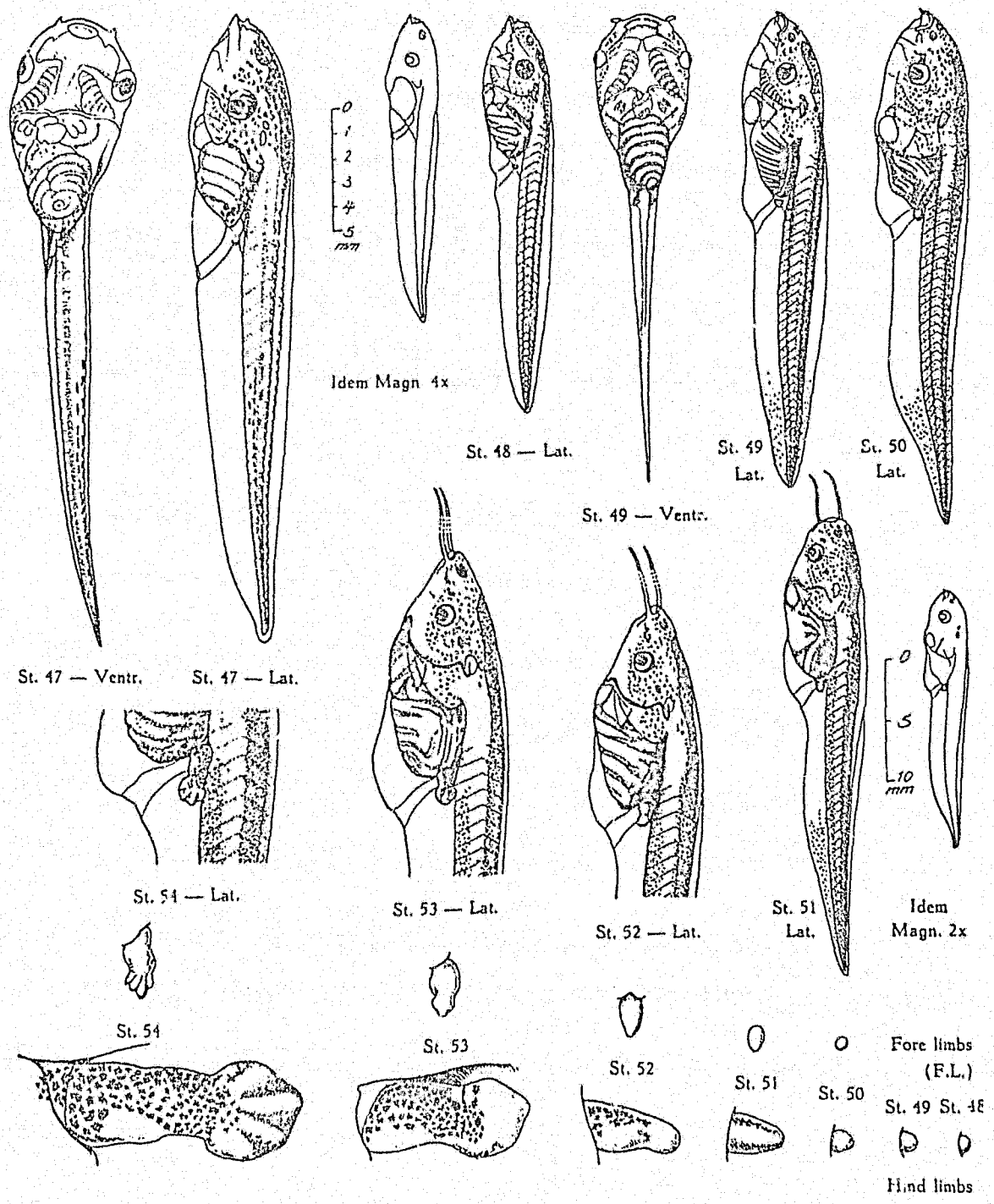


St. 46 — Ventr.



Idem Magn. 8x

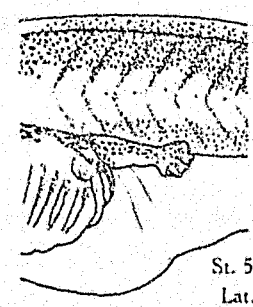



0
1
2
3
4
5
mm
Idem Magn 4x
St. 48 — Lat.
St. 49 Lat.
St. 50 Lat.
St. 49 — Ventr.
St. 47 — Ventr.
St. 47 — Lat.
St. 54 — Lat.
St. 53 — Lat.
St. 52 — Lat.
St. 51 Lat.
0
5
10
mm
Idem Magn. 2x
St. 54
St. 53
St. 52
St. 51
St. 50
Fore limbs (F.L.)
St. 49 St. 48
Hind limbs

IX



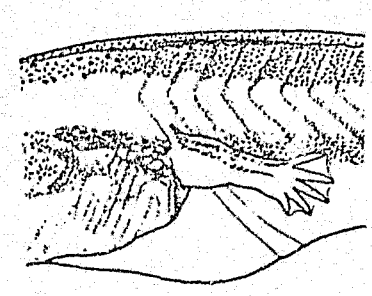
St. 55 — F.L.



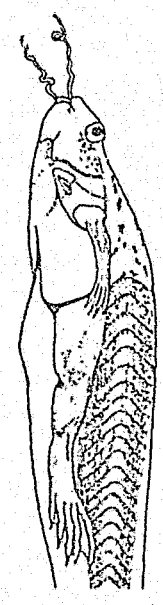
St. 55
Lat.



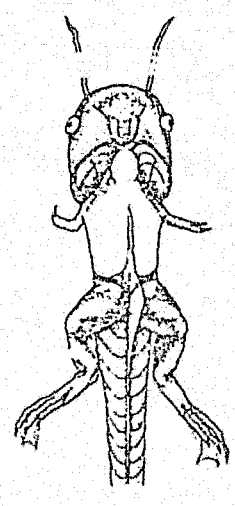
St. 56 — F.L.



St. 56 — Lat.



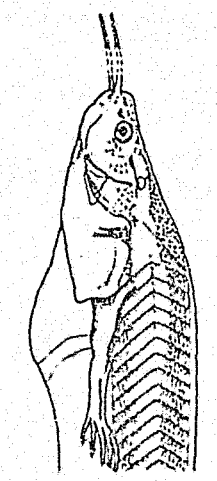
St. 60 — Lat.



St. 59 — Ventr.



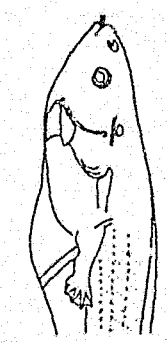
St. 59 — Lat.



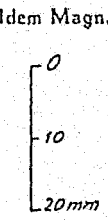
St. 58 — Lat.

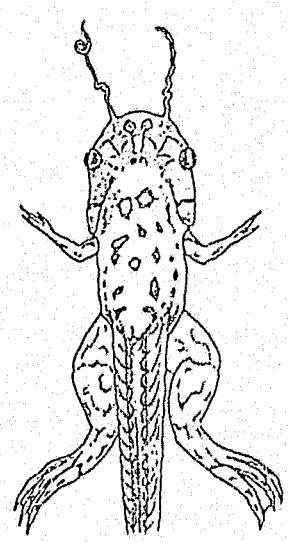


St. 57 — Lat.

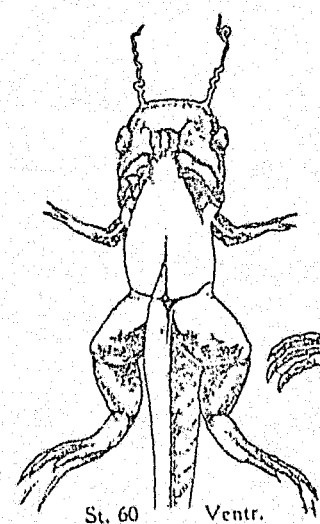


Idem Magn. 1x

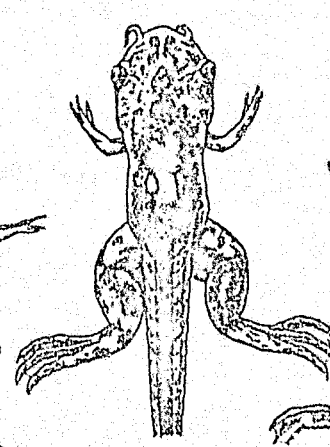




St. 60 — Dors.



St. 60 Ventr.
(Left opereulum removed)

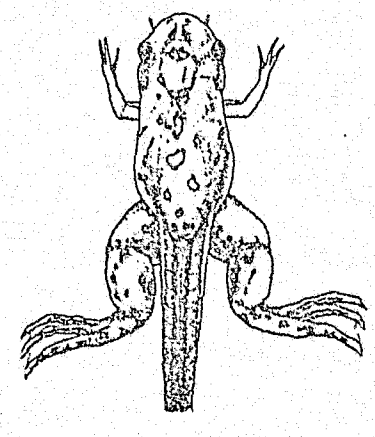


St. 61 — Dors.

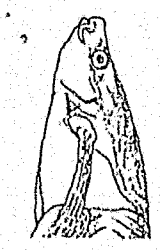


St. 61 — Ventr.

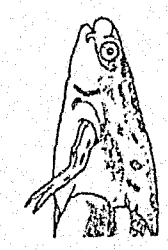
X



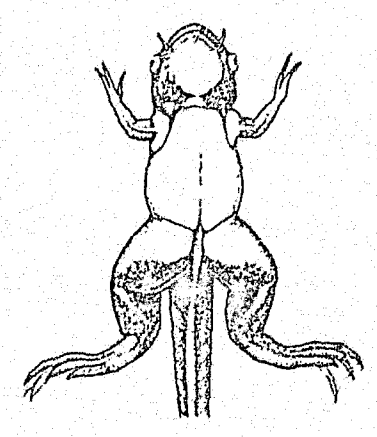
St. 62 — Dors.



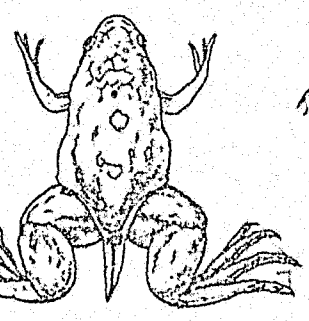
St. 61 — Lat.



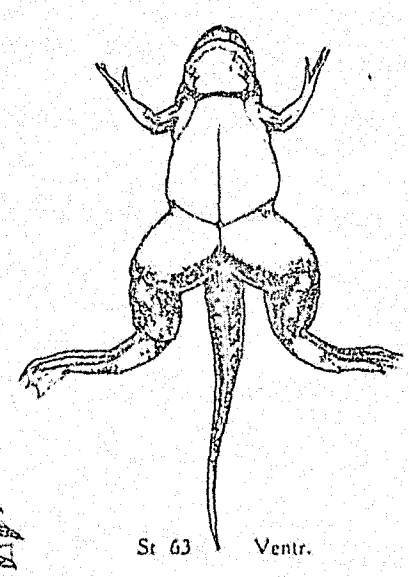
St. 62 — Lat.



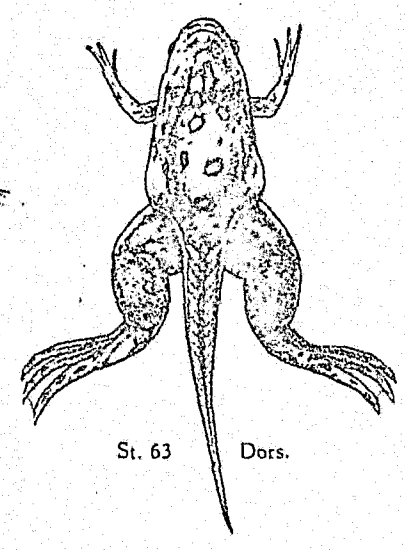
St. 62 — Ventr.



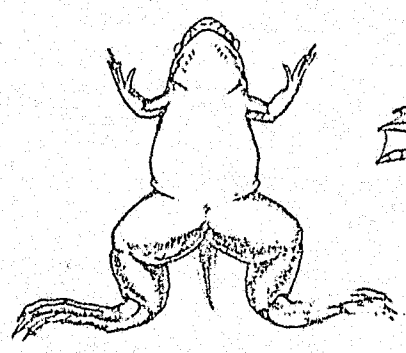
St. 64 — Dors



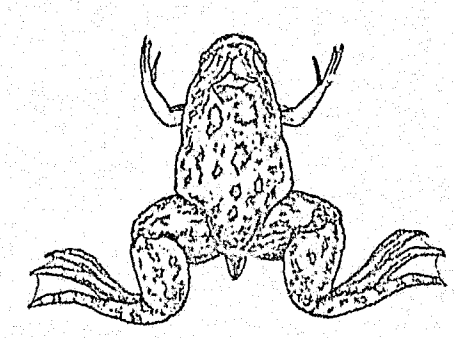
St 63 Ventr.



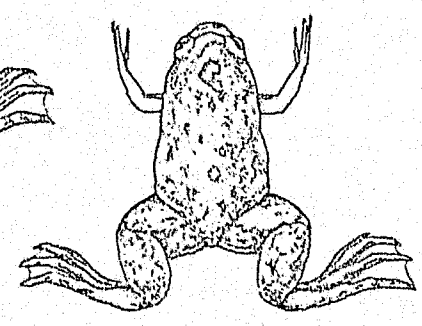
St. 63 Dors.



St 64 — Ventr.



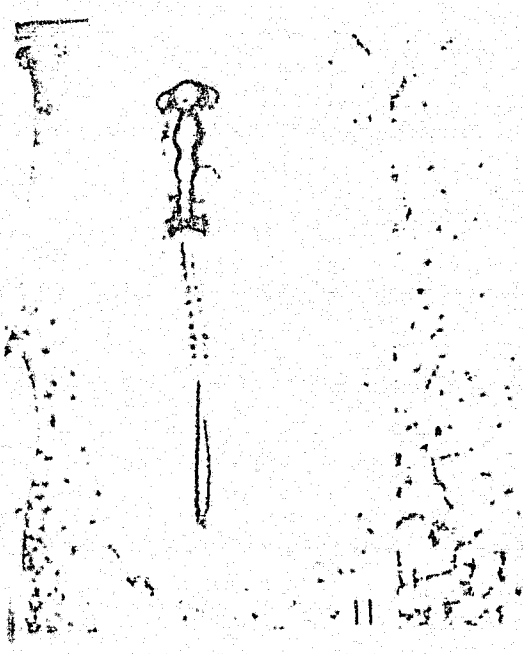
St 65 — Dors.



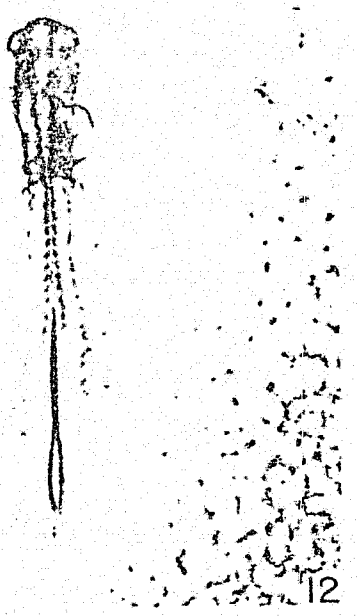
St 66 — Dors.

APPENDIX B

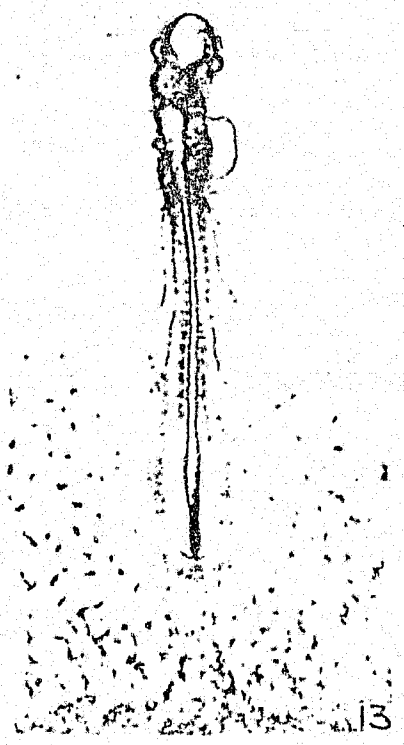
A series of normal stages in the development of the chick embryo (Hamburger and Hamilton 1951)



11



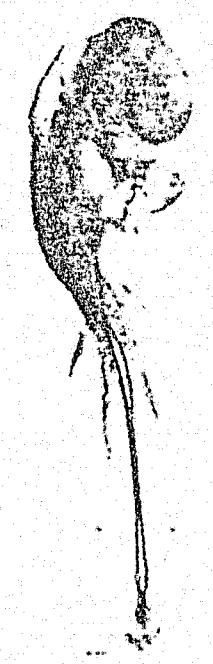
12



13



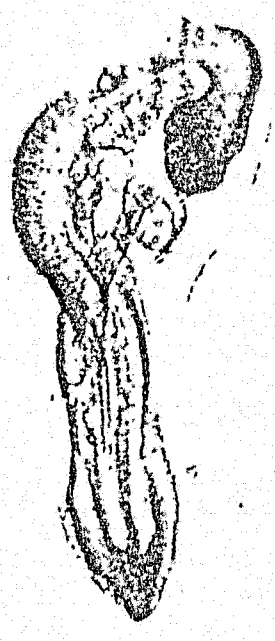
14



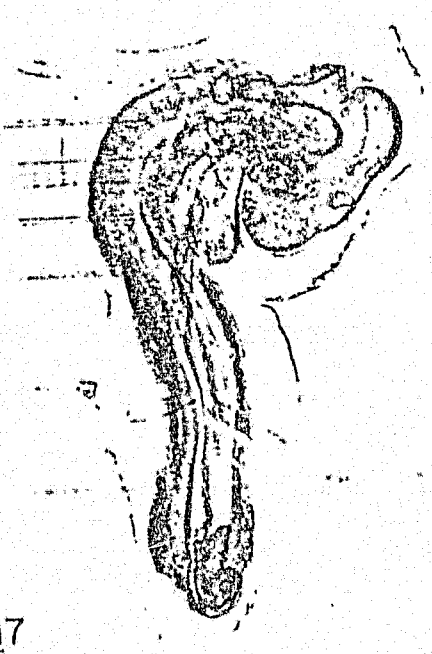
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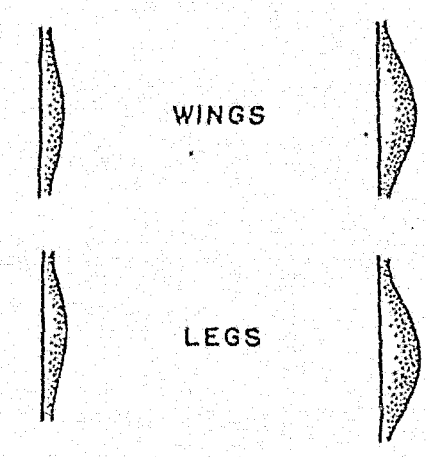
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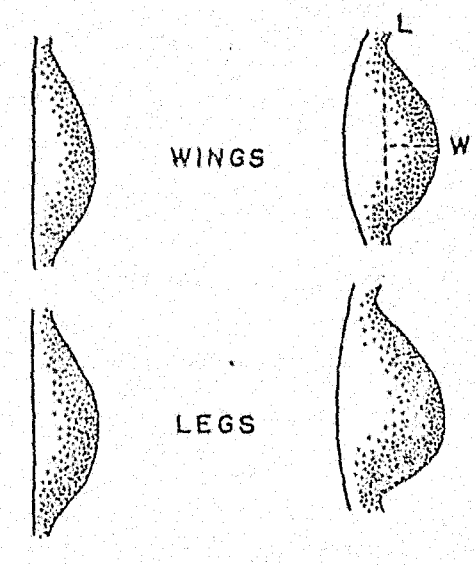


17

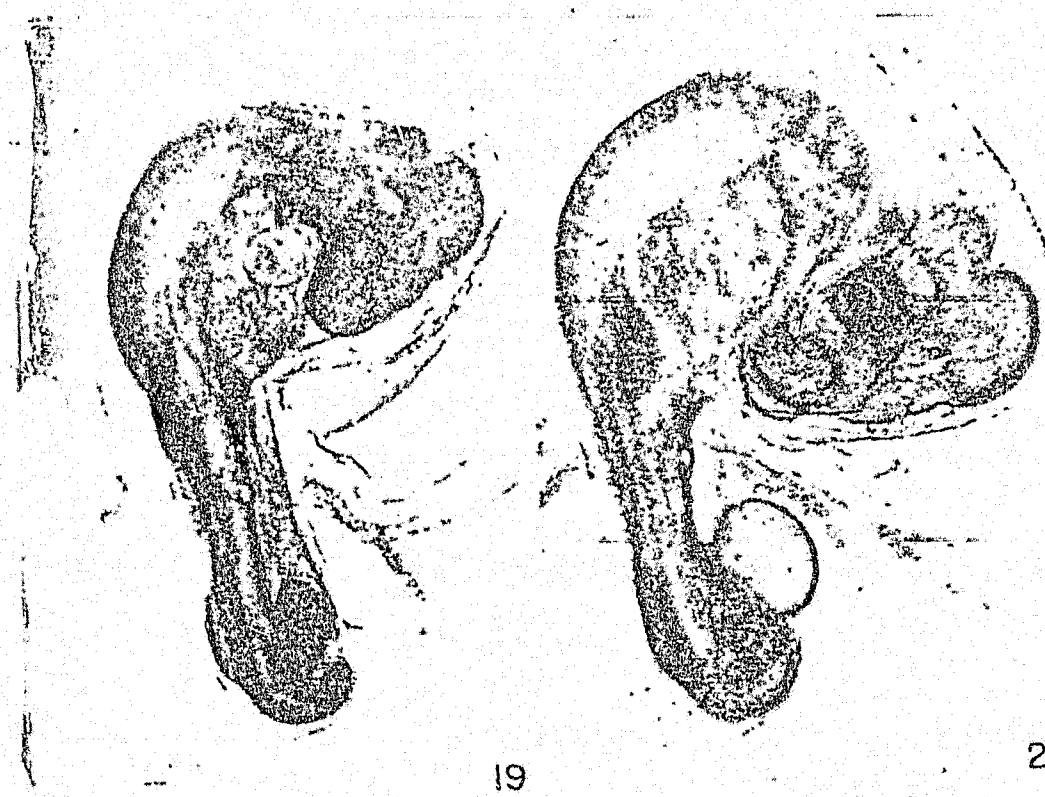


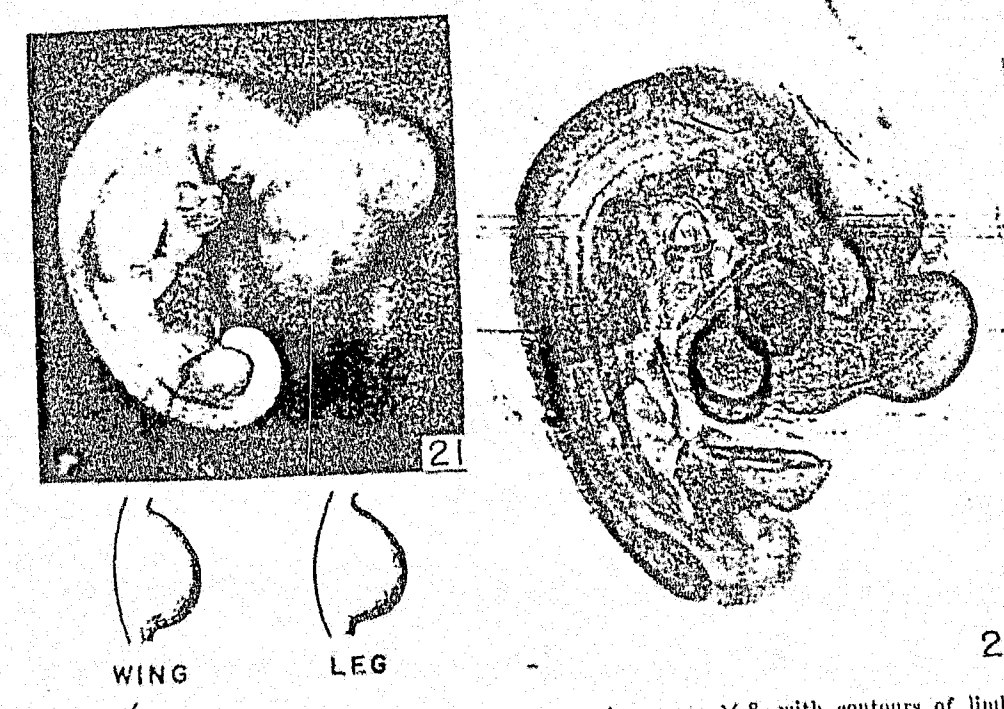
18



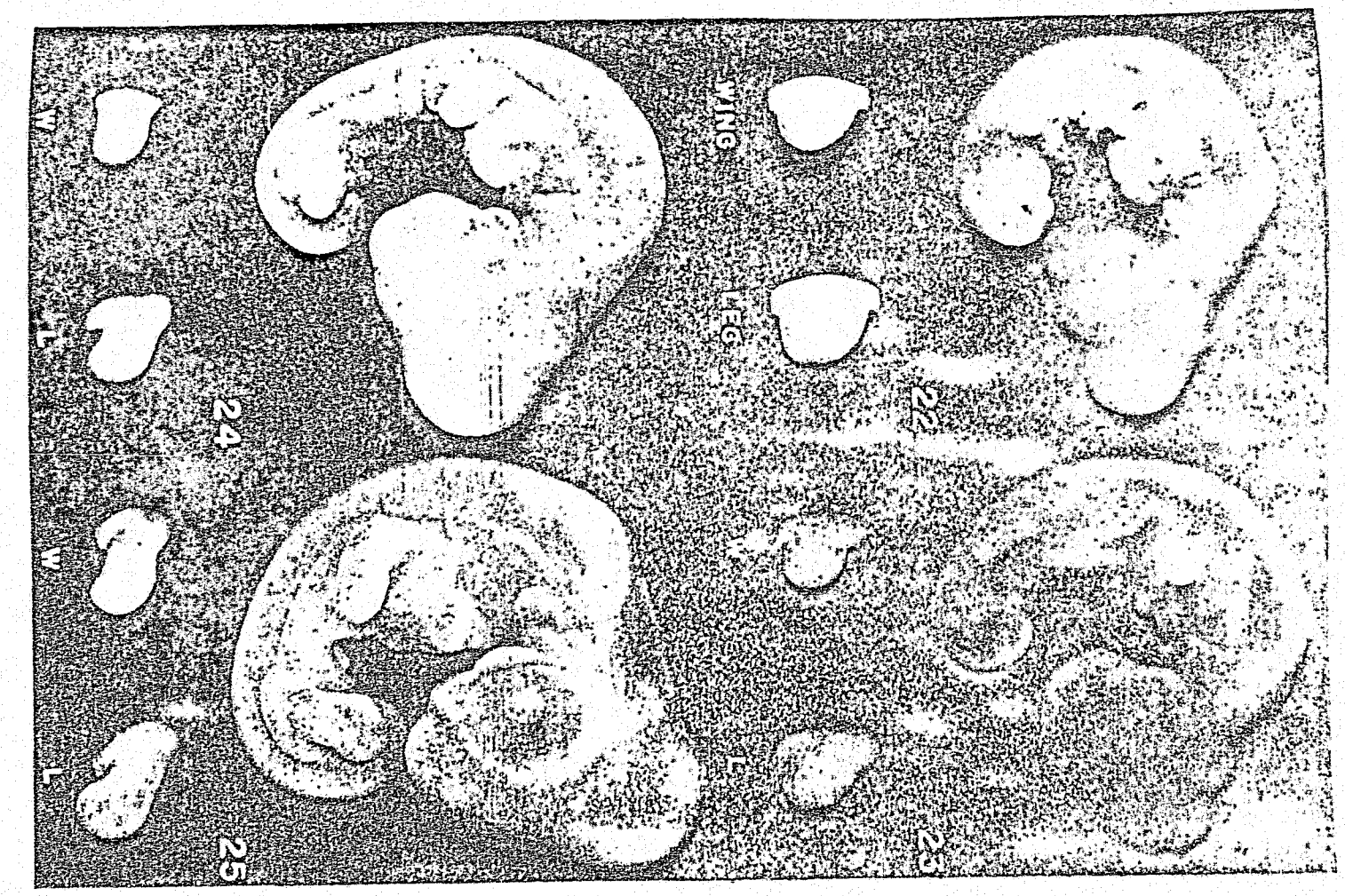


Drawings of the contours of the right limbs of stages 17-20, . × 12. In stage 20 the ... lines indicate the levels at which the *length* (L) and width (W) are measured (see text, ... 18-22).

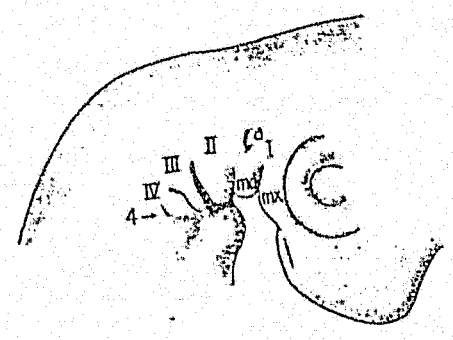




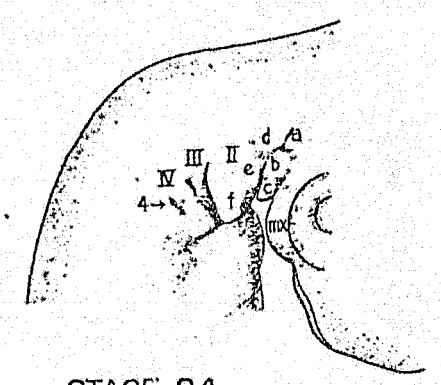
Stages 19–21 (cleared embryos), × 12. Stage 21 (opaque), × 8, with contours of limbs shown in the drawings below, *ca.* × 12.


WING
LEG
21
24
25
22
23

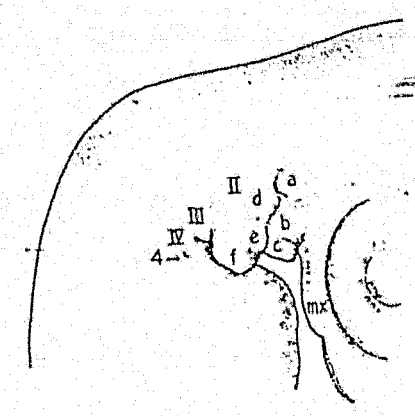
x 1



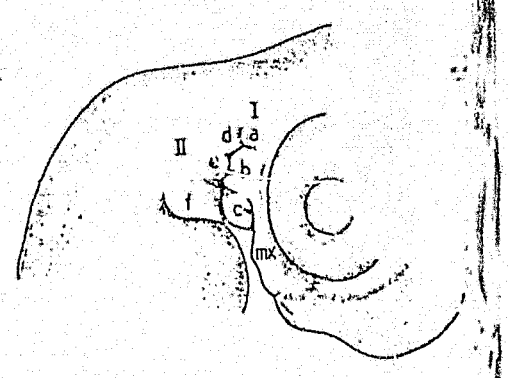
STAGE 23



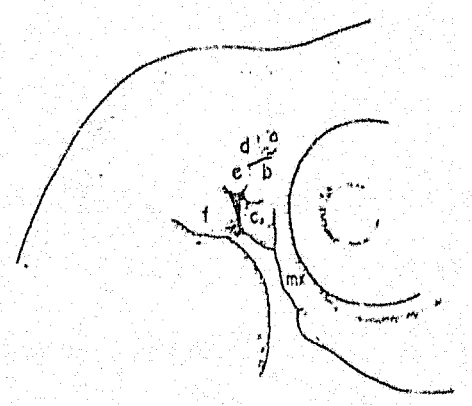
STAGE 24



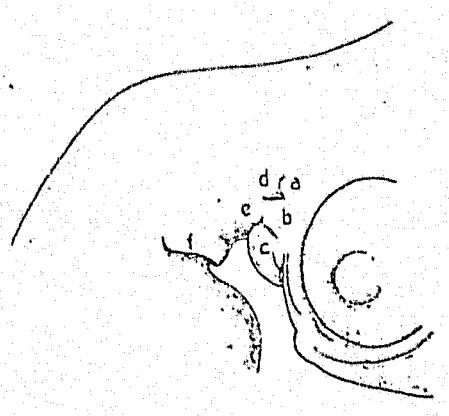
STAGE 25



STAGE 26



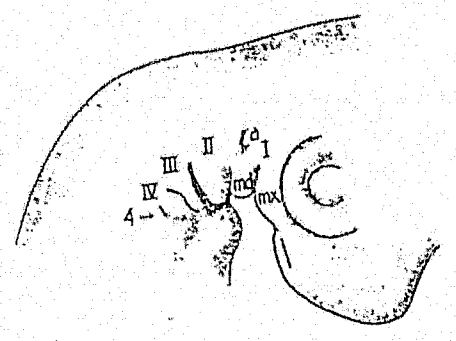
STAGE 27



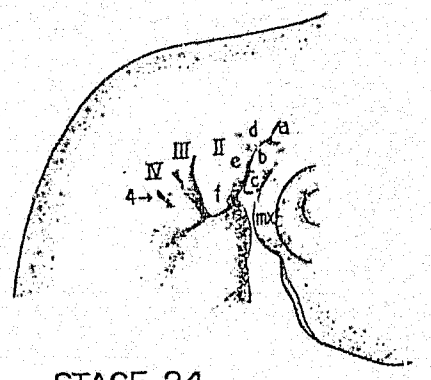
STAGE 28

E Huxley Tracedraw

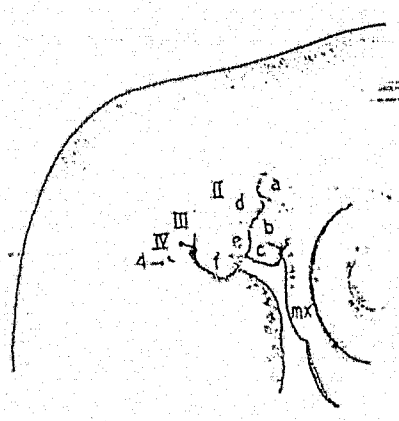
Drawings of the region of the visceral arches, made from camera lucida tracings. S
23-25, × 7. Stages 26-28, × 4.2. I-IV = visceral arches; mx., md. = maxillary and mand
lar processes of visceral arch 1; 4 = 4th visceral cleft. See text for explanation of letters



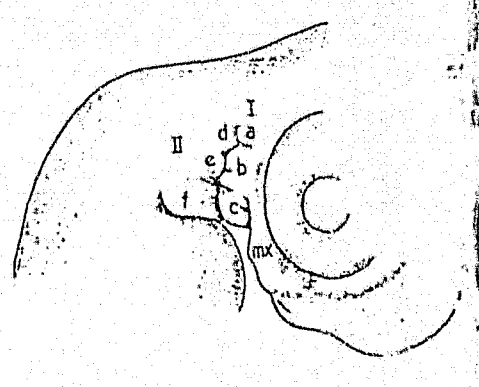
STAGE 23



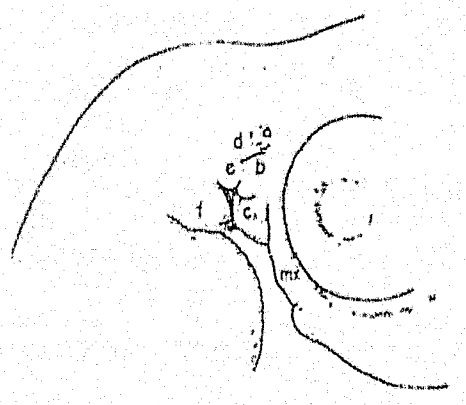
STAGE 24



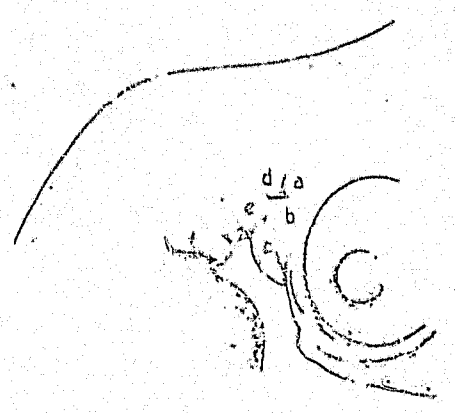
STAGE 25



STAGE 26



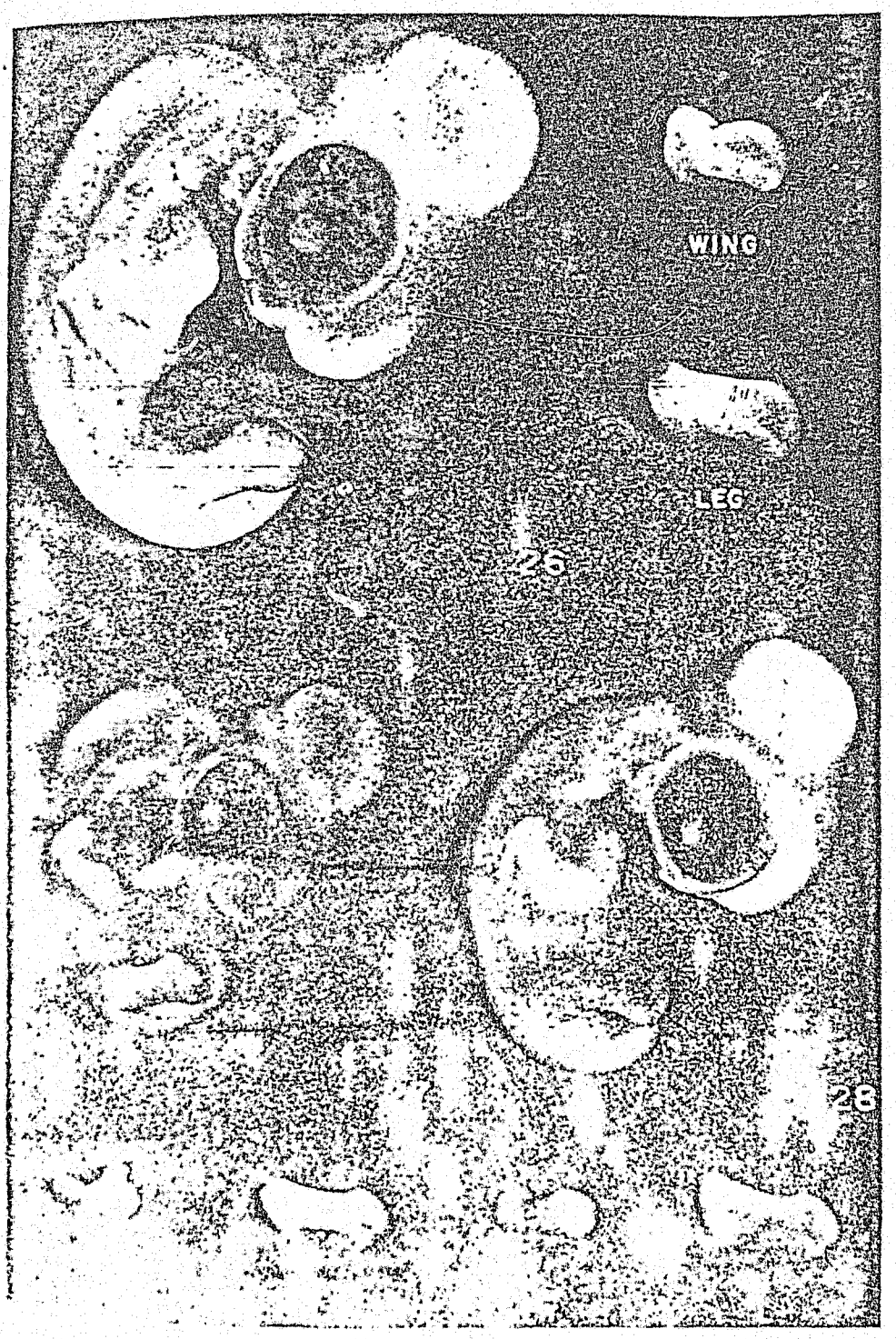
STAGE 27



STAGE 28

© Herbert Tarenhuis

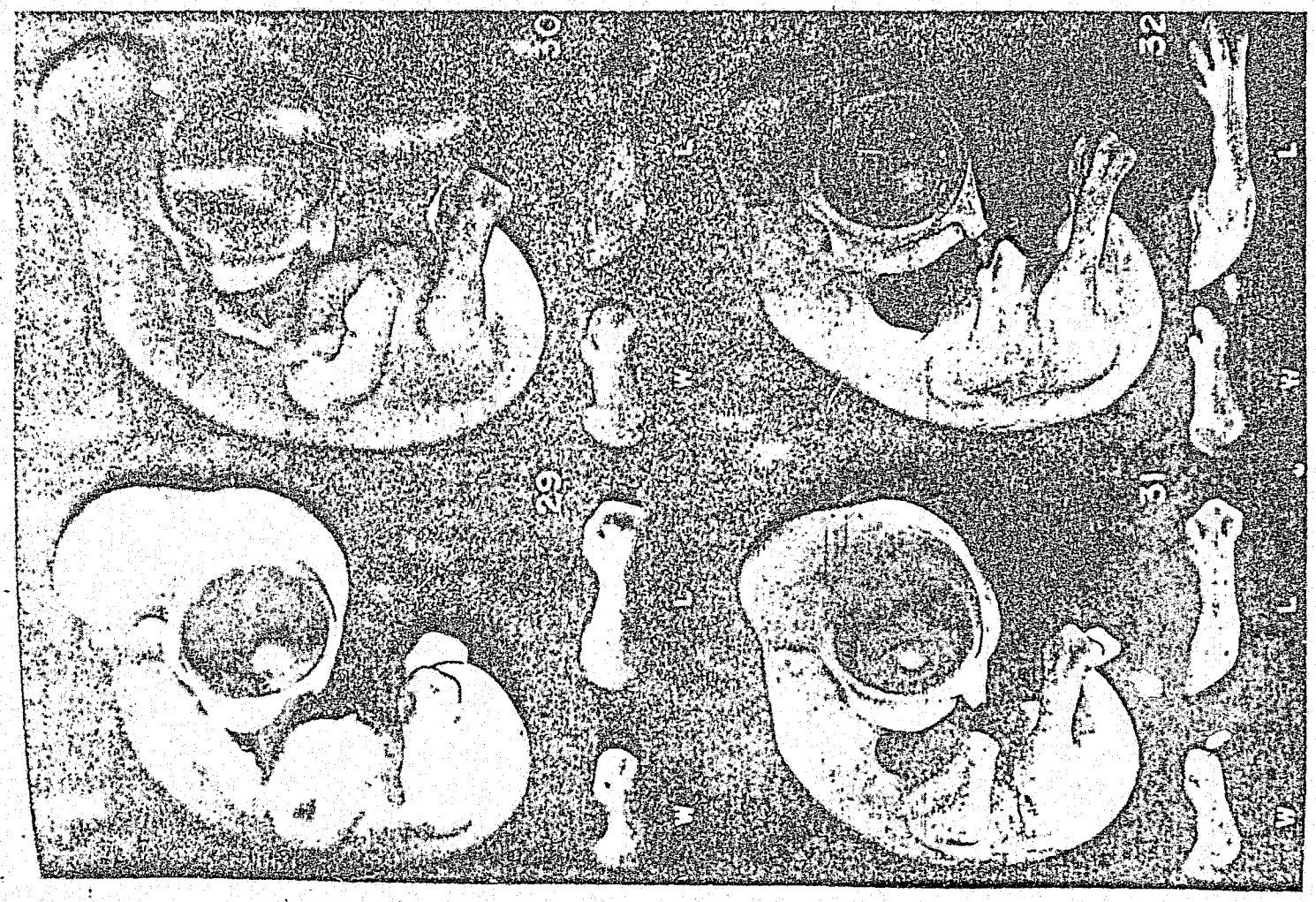
Drawings of the region of the visceral arches, made from camera lucida tracings. St. 23-25, × 7. Stages 26-28, × 4.2. I-IV visceral arches; mx., md. = maxillary and mandibular processes of visceral arch 1; 4 = 4th visceral cleft. See text for explanation of letters.

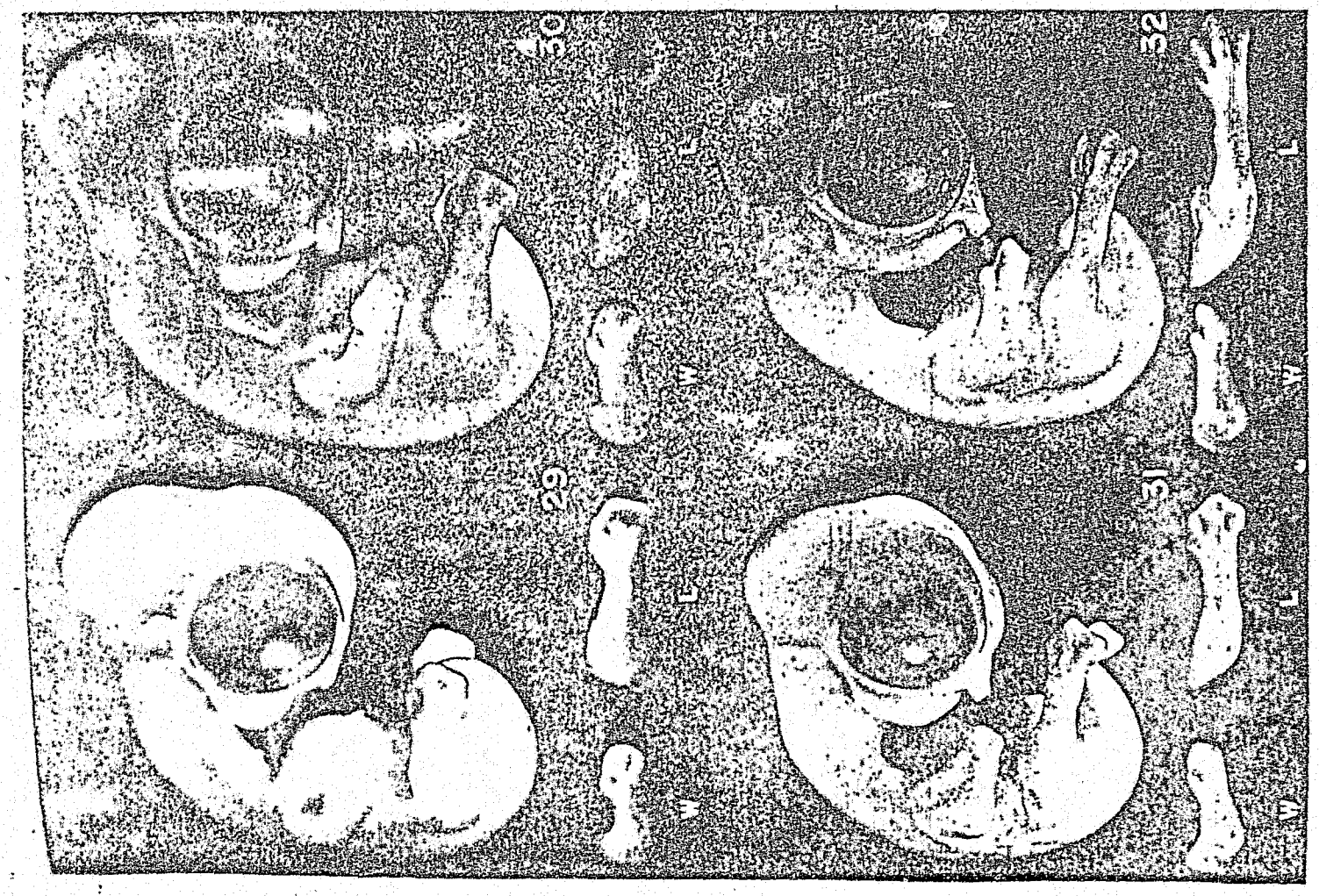


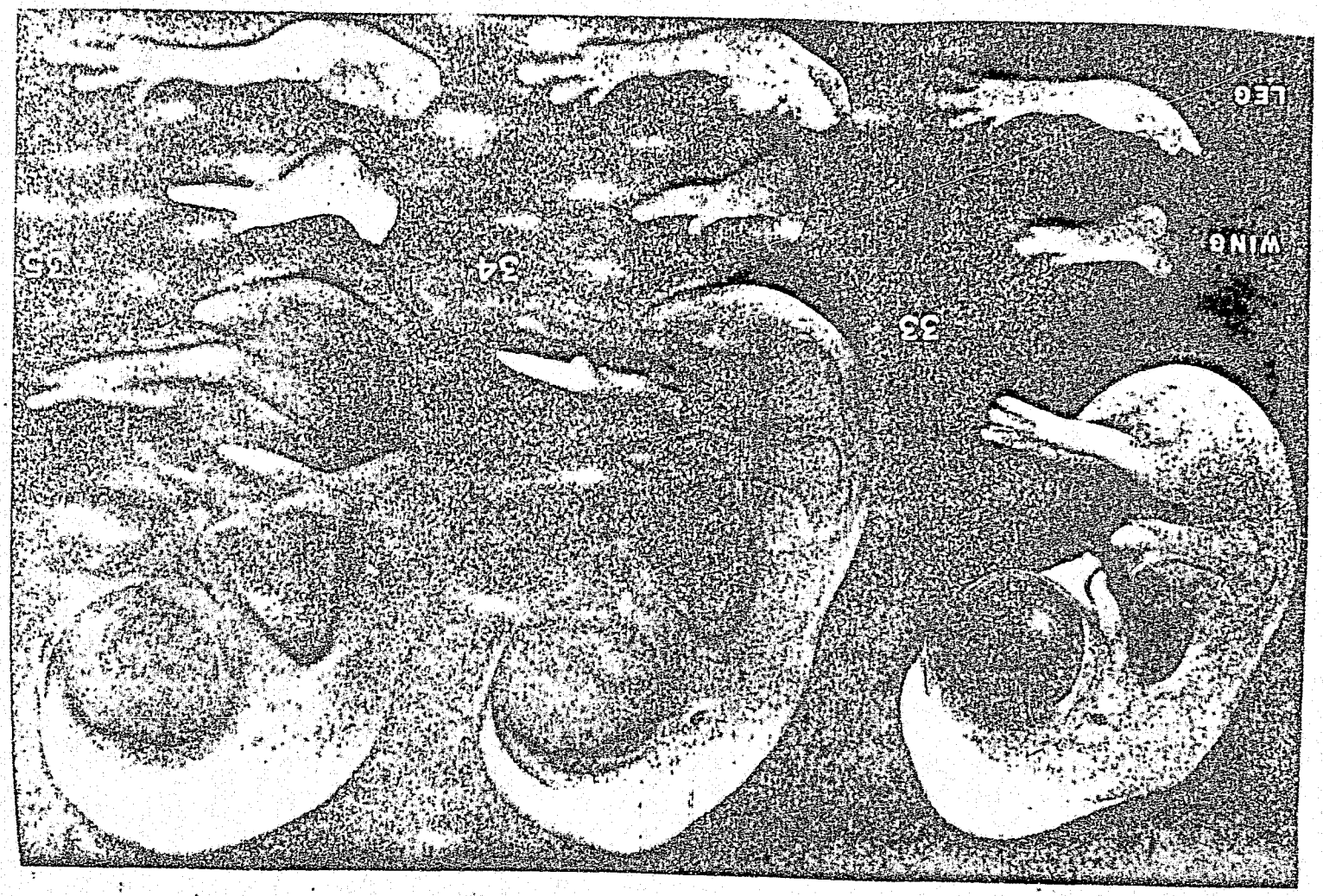
Stage 26, embryo and limbs, × 8. Stages 27–28, × 5.



Stage 26, embryo and limbs, × 8. Stages 27–28, × 5.


30
32
29
31


A
B
1
2
3
4
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16
17
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31
32
33
34
35
36


LEO
WING
36
34


36
37
WING
LEG



Stages 36–39, × 2.





Stages 41 15 - 11.



Ringos 41 15 × 11.



Stages 40–43, × 1½. The white arrows on the leg of stage 42 indicate the points between which measurements are made to determine the length of the third (longest) toe in stages 36–45.



Author Christie C A
Name of thesis The effect of 5-bromodeoxyuridine and 5-fluorodeoxyuridine on differentiation and metamorphosis in Xenopus Laevis Tadpoles 1982

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