

FIG. 17.

Lateral view of posterior end of left lower ramus
of Specimen A, showing lateral line complex.

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soral

smand



FIG. 17.

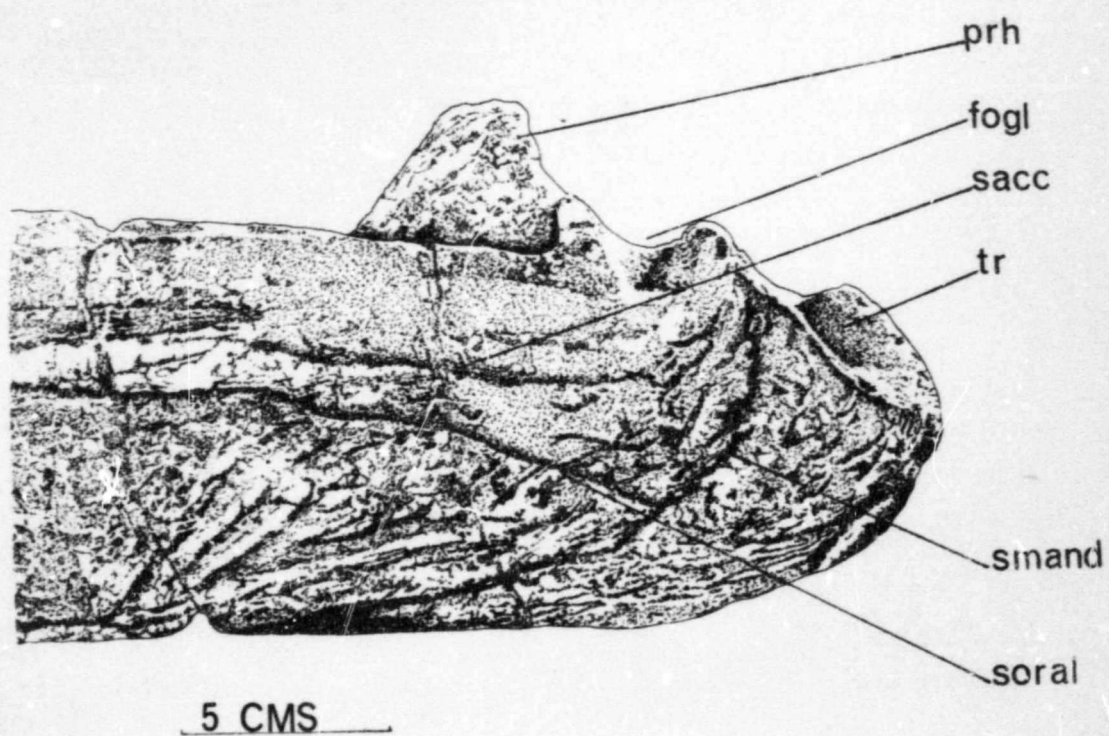


FIG. 17.

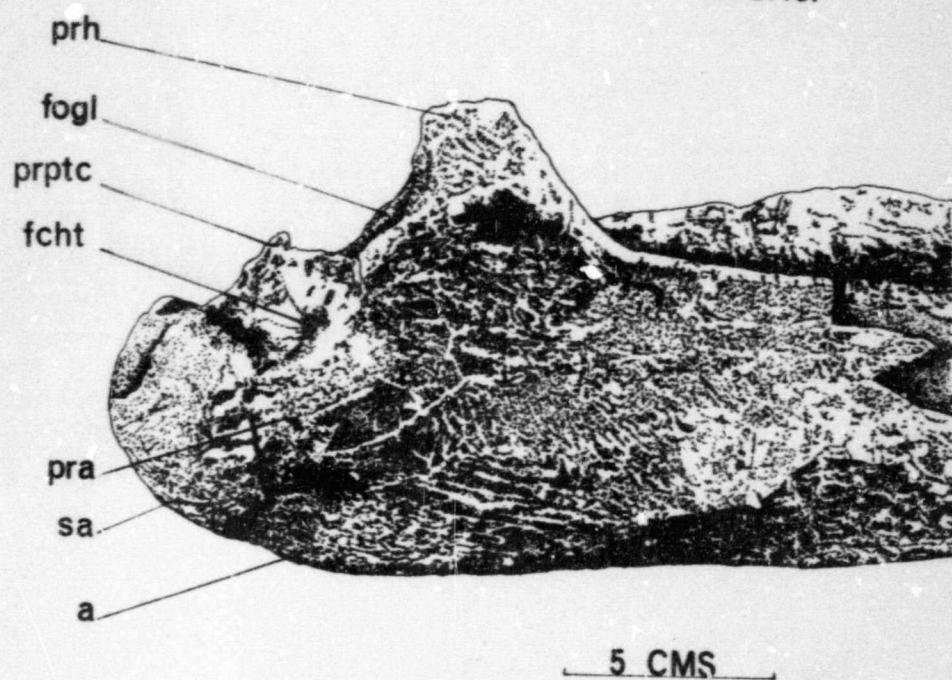
lateral view of posterior end of left lower ramus
of Specimen A, showing lateral line complex.

FIG. 18.

Lingual view of posterior end of left lower
ramus of Specimen A to show hamate process.



FIG.18.



lower
process.

FIG. 19.

FIG. 19.

Dorsal view of Specimen B.

FIG. 19.



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FIG. 20.

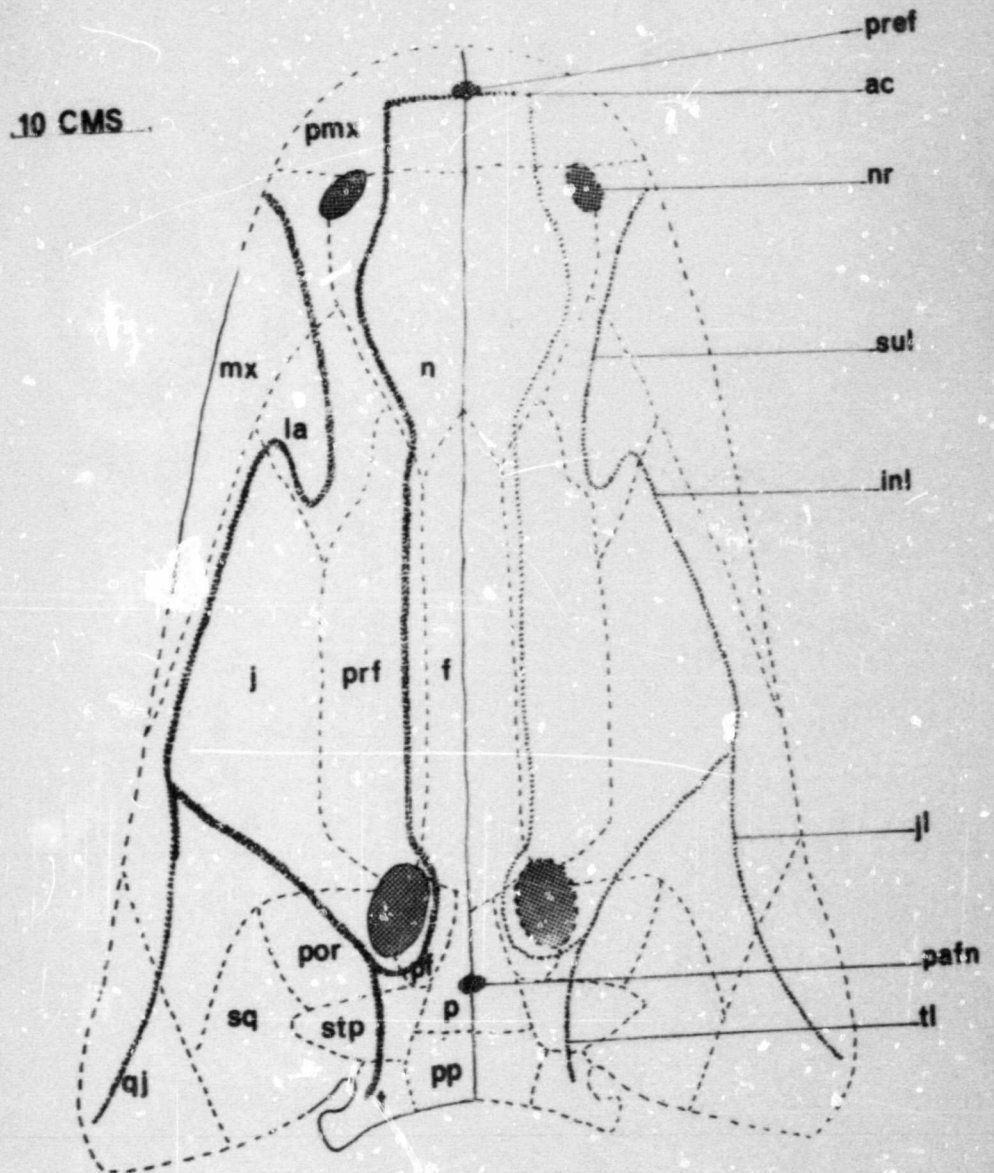
Reconstruction and analysis of dorsal view of skull
of Specimen B.

FIG. 20.

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FIG.20.



ew of skull

FIG. 21.

Reconstruction and analysis of lateral view
of skull of Specimen B.

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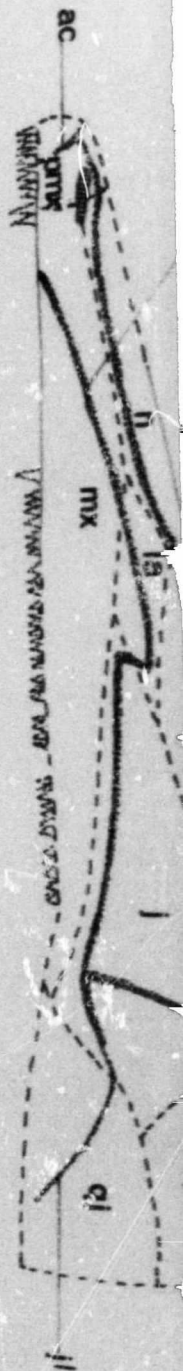


FIG. 21.

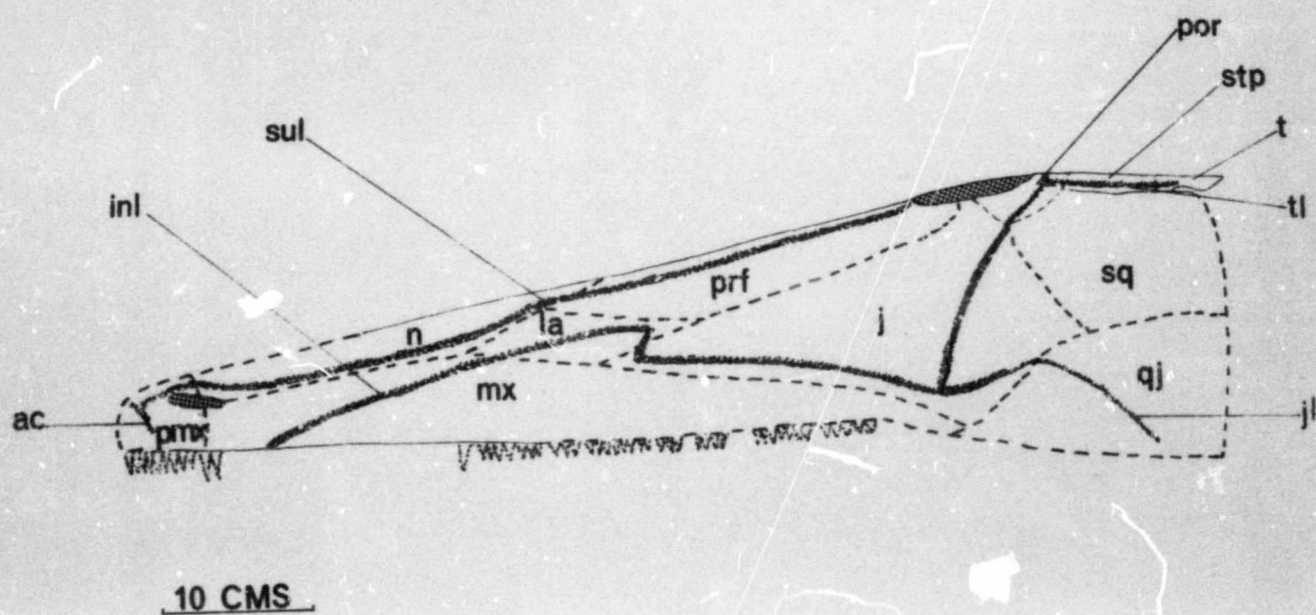


FIG. 21.

reconstruction and analysis of lateral view
of skull of Specimen B.

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fm

con

par

qc

FIG. 22.

Reconstruction and analysis of posterior view of
skull of Specimen B.

FIG. 22.

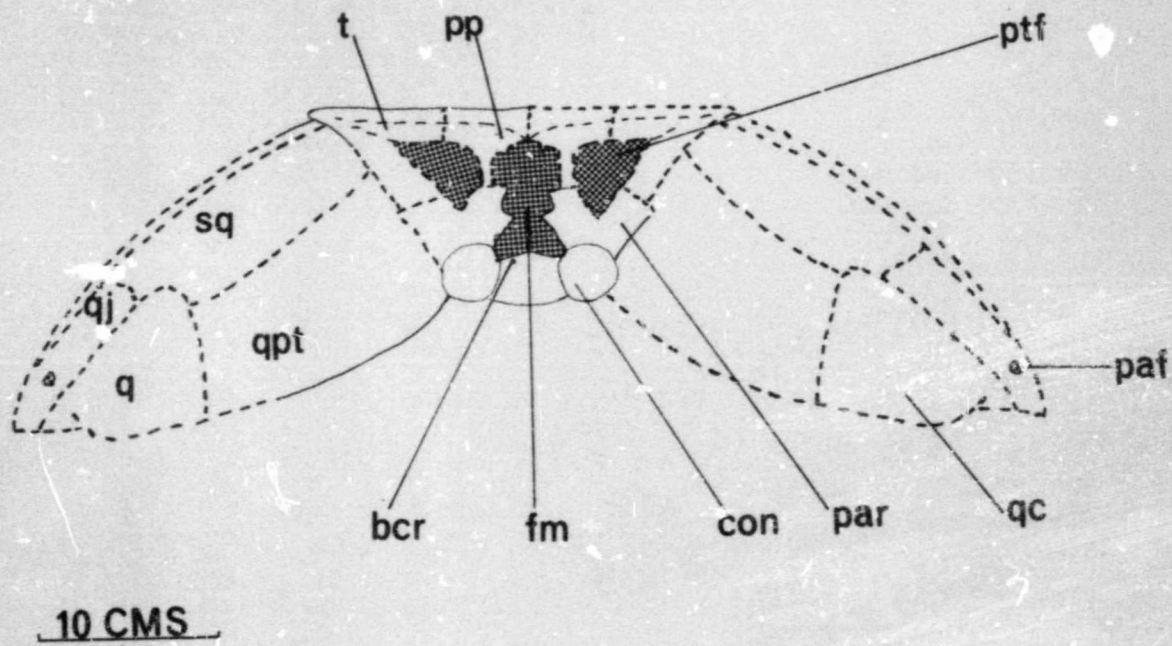


FIG. 22.

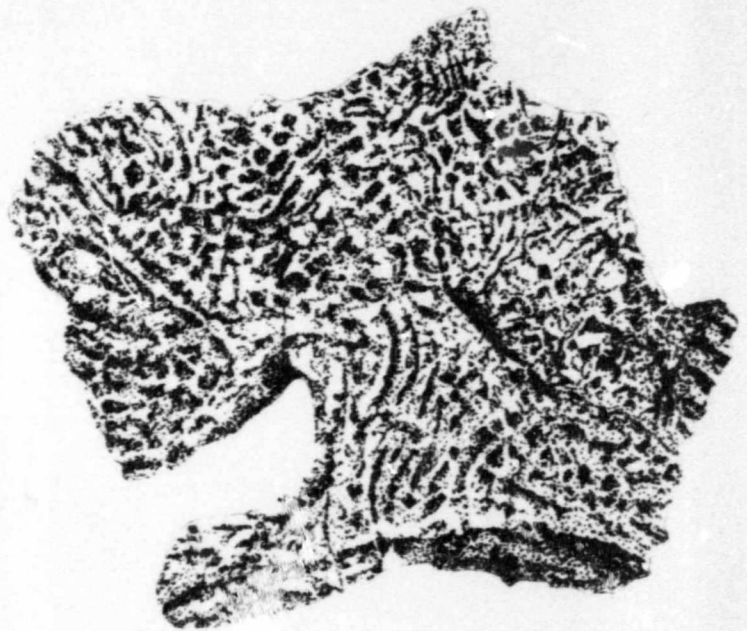
struction and analysis of posterior view of
skull of Specimen B.

FIG. 23.

Dorsal view of otic notch of Specimen B,
showing superficial sculpture.

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FIG. 23.



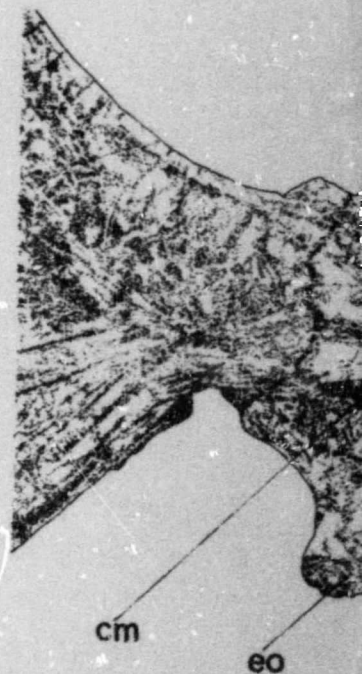
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FIG. 24.

FIG. 24.

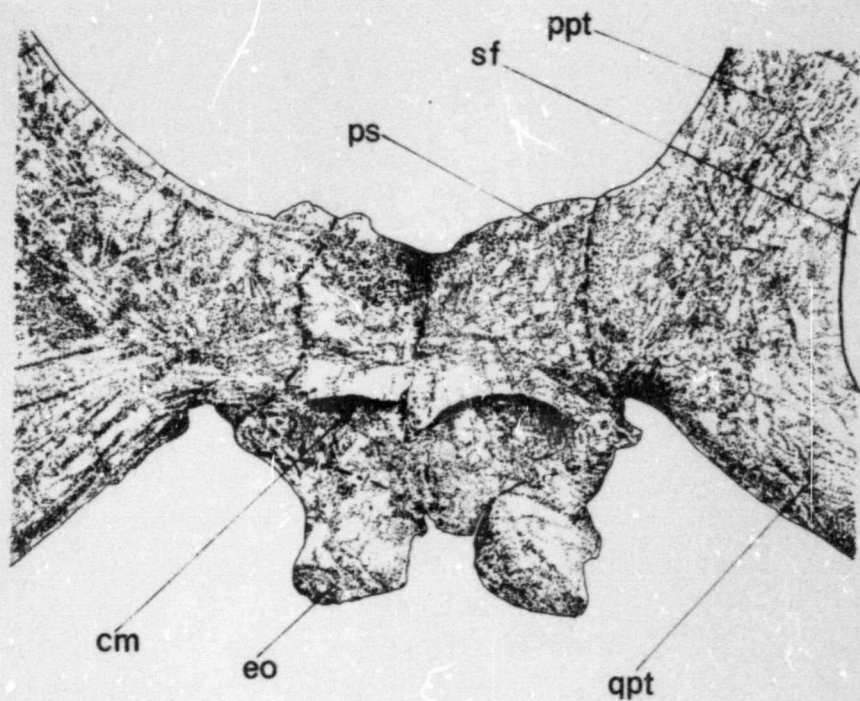
Ventral view of occipital region of Specimen B.

N.B. The central area is distorted.



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FIG. 24.



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Specimen B.

ted.

FIG. 25.

Posterior view of occipital view of Specimen B.

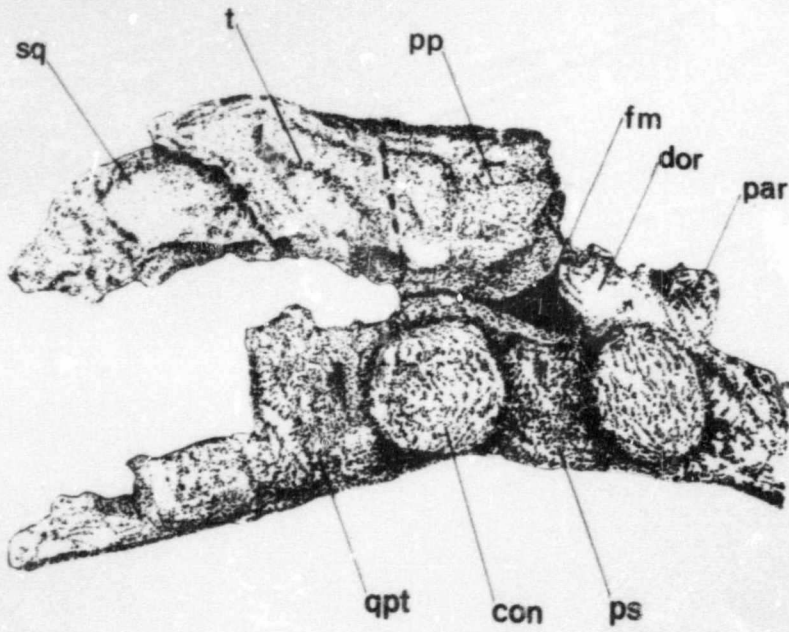
qpt

con

ps

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FIG. 25.



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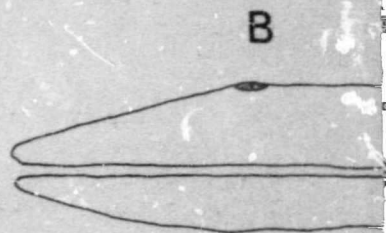
FIG. 25.

Posterior view of occipital view of Specimen B.

FIG. 26.

Semi-diagrammatic representation of a suggested mechanism for opening the mouth in capitosaurs, if the animals are neutrally bouyant.

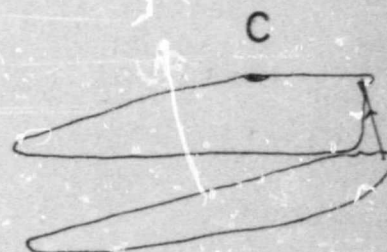
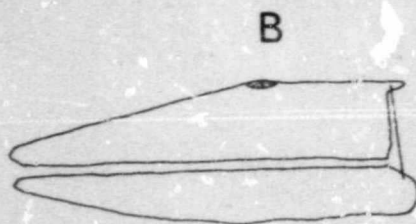
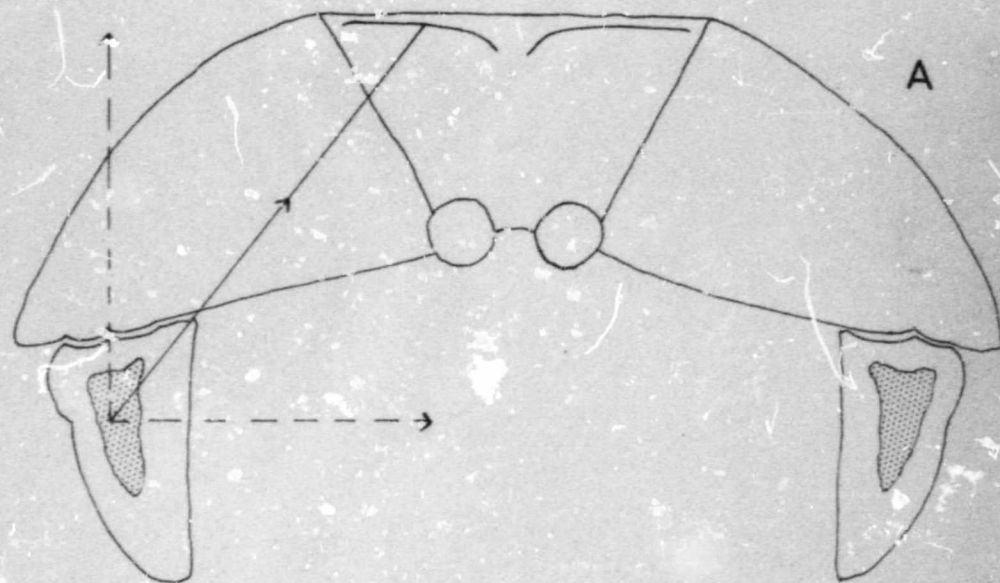
- A. Posterior view of skull and jaw, showing line of action of force exerted by the depressor mandibular muscle. This force is also shown resolved into its vertical and horizontal vectors.
- B. Lateral view of relaxed skull and jaw, showing position of depressor mandibular muscle.
- C. Lateral view of skull with jaw lowered, showing line of action of depressor mandibular muscle when contracted.



vector

depressor

FIG. 26.



vector

depressor mandibular muscle

ted mechanism for
imals are neutrally

g line of action of
ar muscle. This
vertical and

showing position of

showing line of
en contracted.

PLATE I

Dorsal view of skull roof of Specimen A.



Author Chernin Sharon

Name of thesis Capitosaurid amphibians from the upper Luangwa Valley, Zambia.

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