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Capitosaurid amphibians from the upper Luangwa Valley, Zambia

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FIG. 17.

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

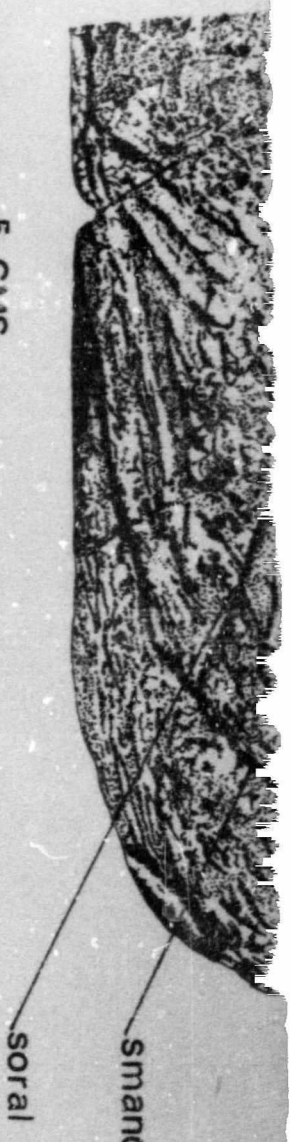


FIG. 17.

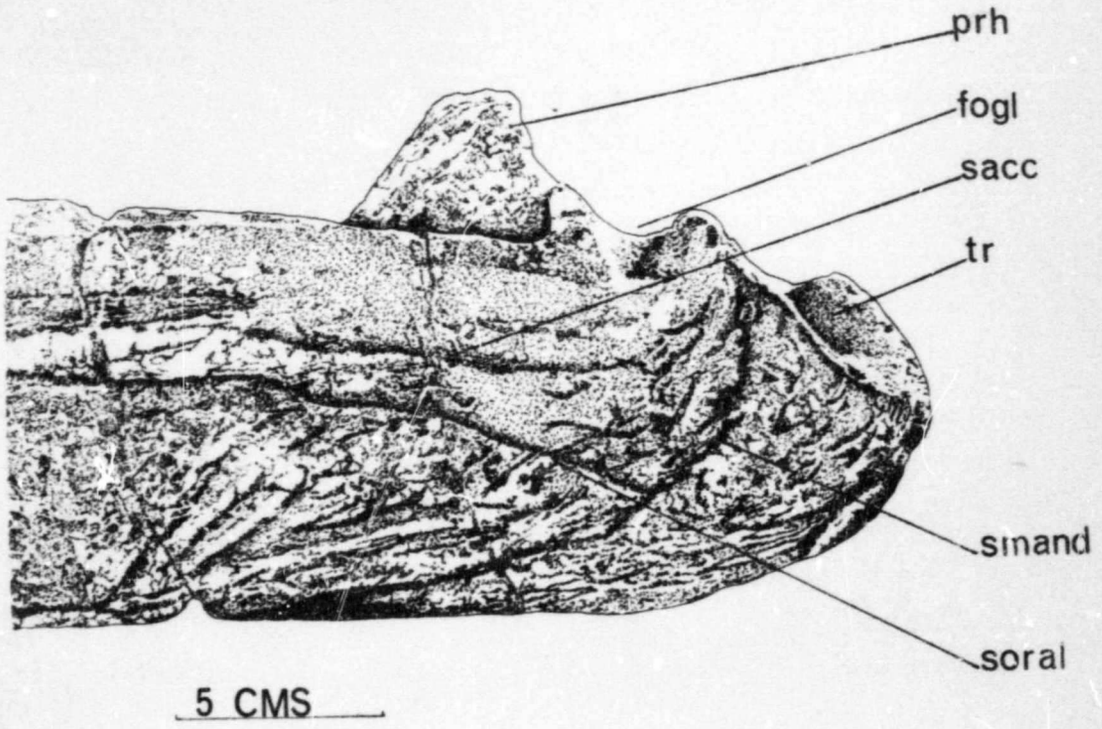


FIG. 17.

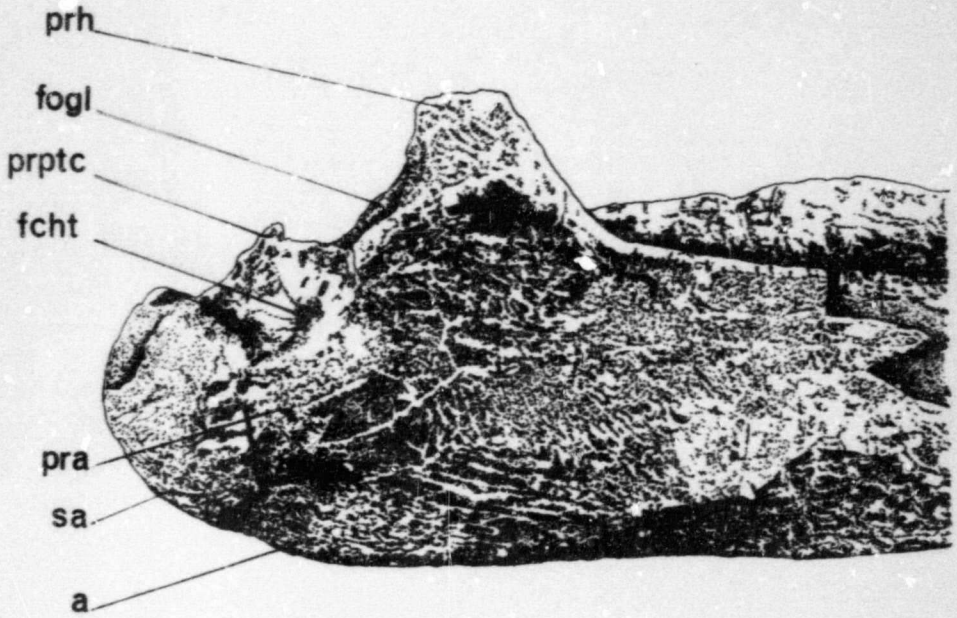
eral view of posterior end of left lower ramus
of Specimen A, showing lateral line complex.



FIG. 18.

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

FIG.18.



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FIG. 19.

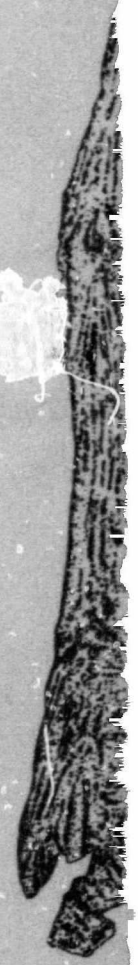


FIG. 19.

Dorsal view of Specimen B.

FIG. 19.



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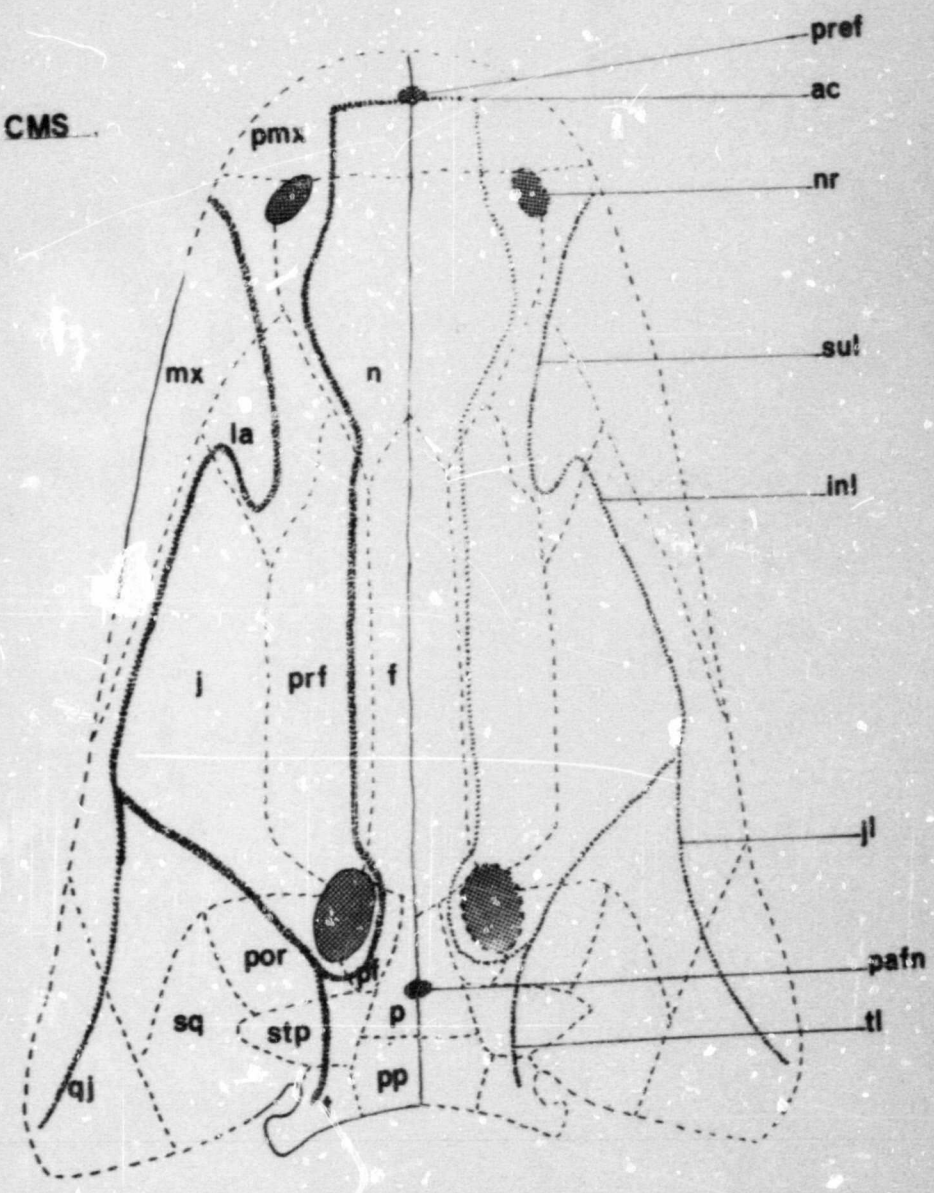
FIG. 20.



FIG. 20.

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

FIG. 20.



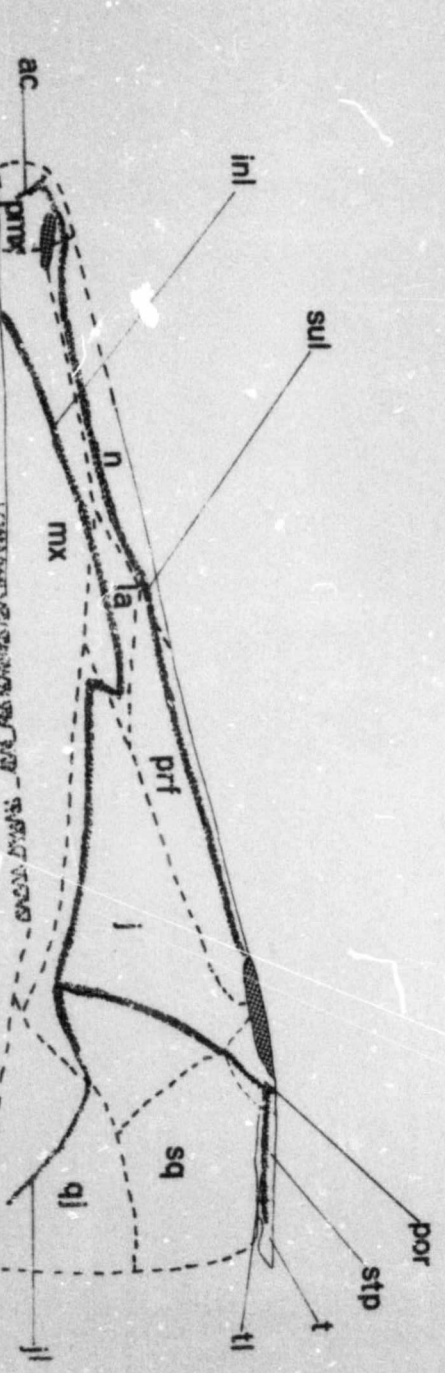
ew of skull

FIG. 21.

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

FIG. 21.

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

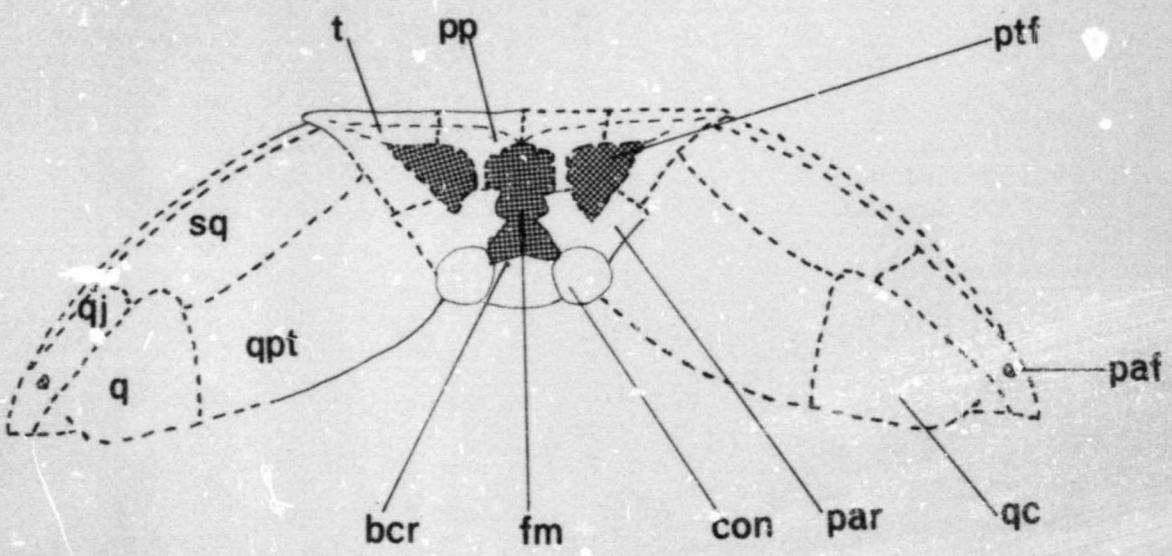


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FIG. 22.

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

FIG. 22.



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FIG. 22.

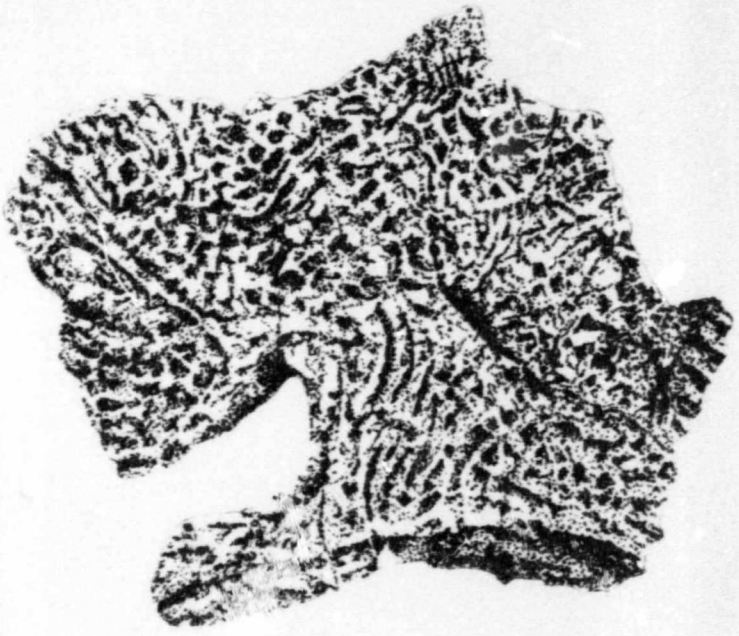
Reconstruction and analysis of posterior view of skull of Specimen B.

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.

Ventral view of occipital region of Specimen B.

N.B. The central area is distorted.

FIG. 24.

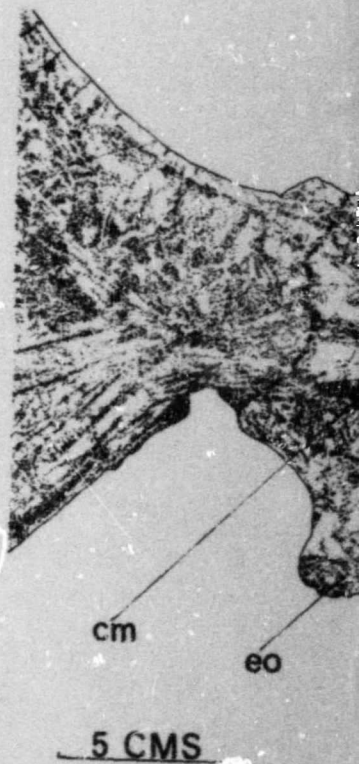
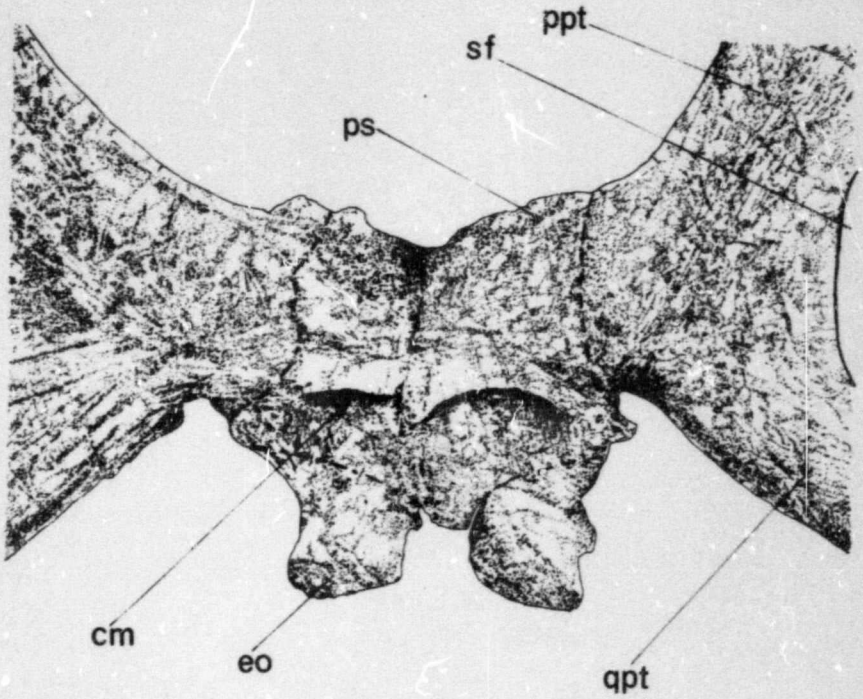


FIG. 24.



pecimen B.

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FIG. 25.

Posterior view of occipital view of Specimen B.

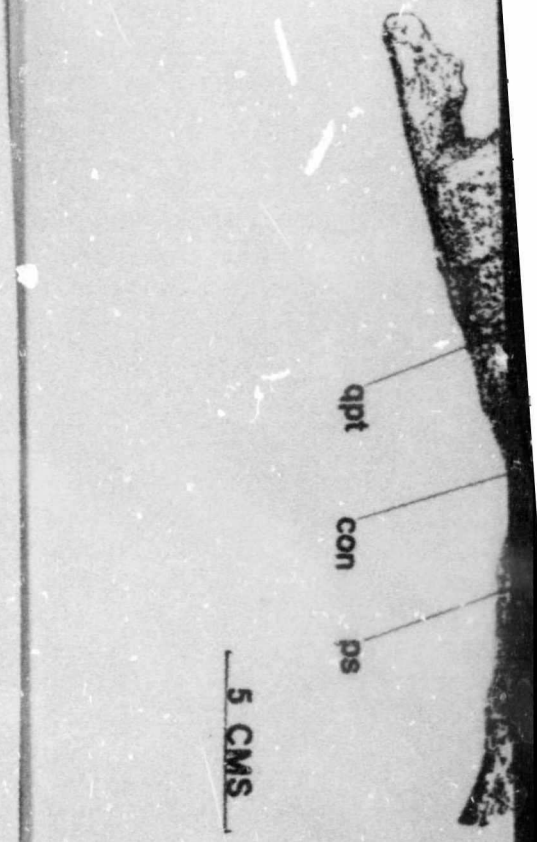


FIG. 25.

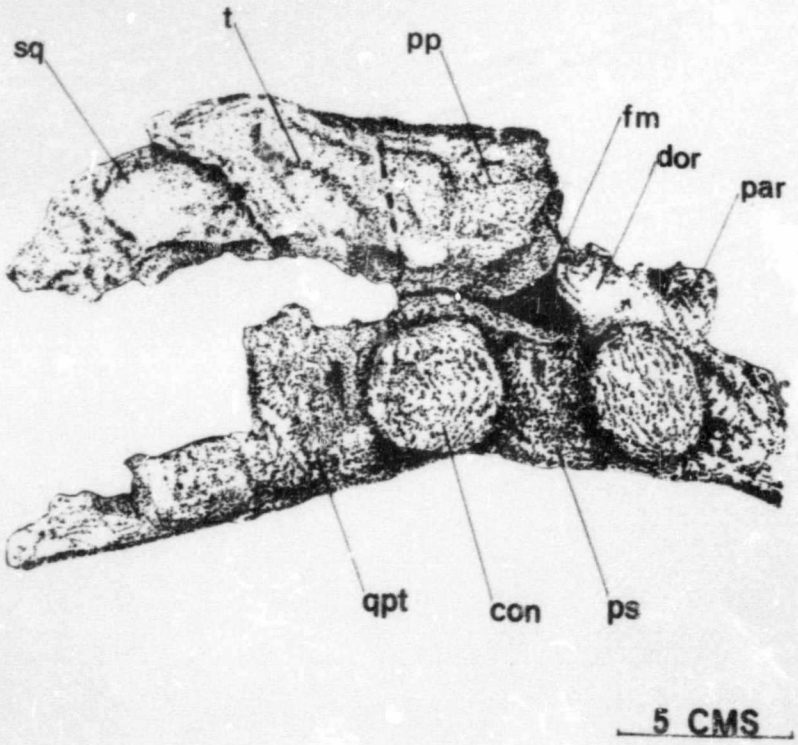


FIG. 25.

Posterior view of occipital view of Specimen B.

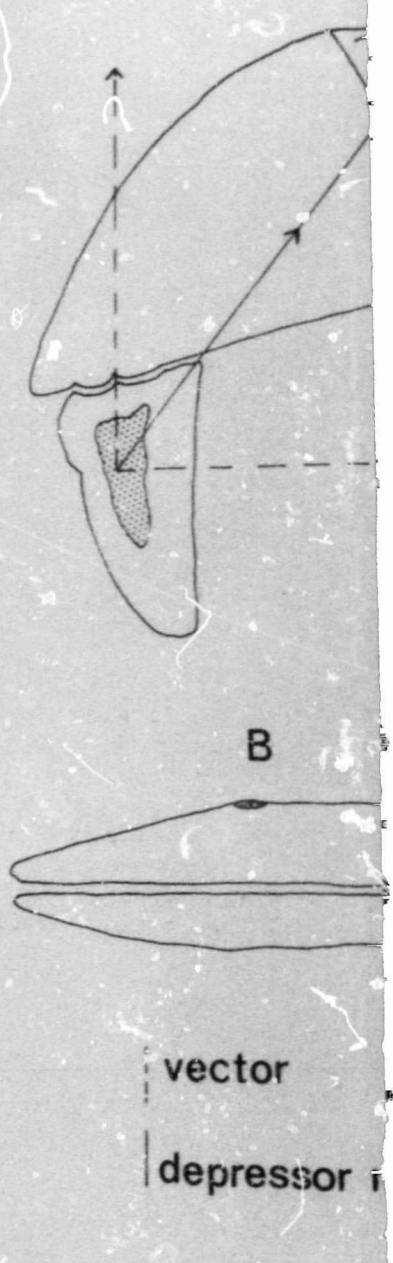
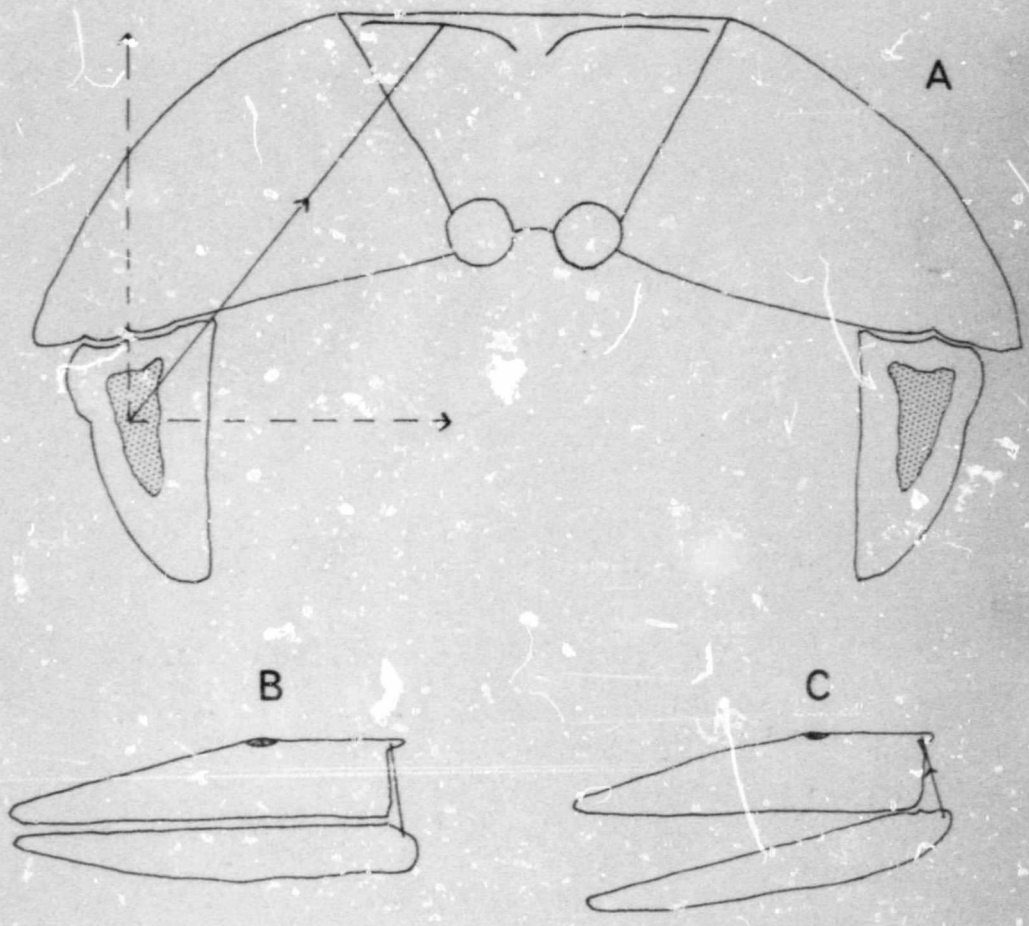


FIG. 26.

Semi-diagramatic 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.

FIG. 26.



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imals are neutrally

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ar muscle. This
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showing position of

showing line of
hen contracted.

PLATE I

Dorsal view of skull roof of Specimen A.



Author Chernin Sharon
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