

PLATE I

EXPLANATION OF PLATE I.

Site I. — *Lates* sp.

1. 1st vertebra anterior face (0.8 ×).
 2. 1st vertebra, left lateral view (0.8 ×).
 3. 2nd vertebra, right lateral view (0.7 ×).
 4. 3rd vertebra, right lateral view (0.8 ×).
 5. 8th or 9th abdominal vertebra, lateral view (0.8 ×).
 6. Caudal vertebra, right lateral view (0.9 ×).
 7. Neurocranium right lateral view (0.4 ×).
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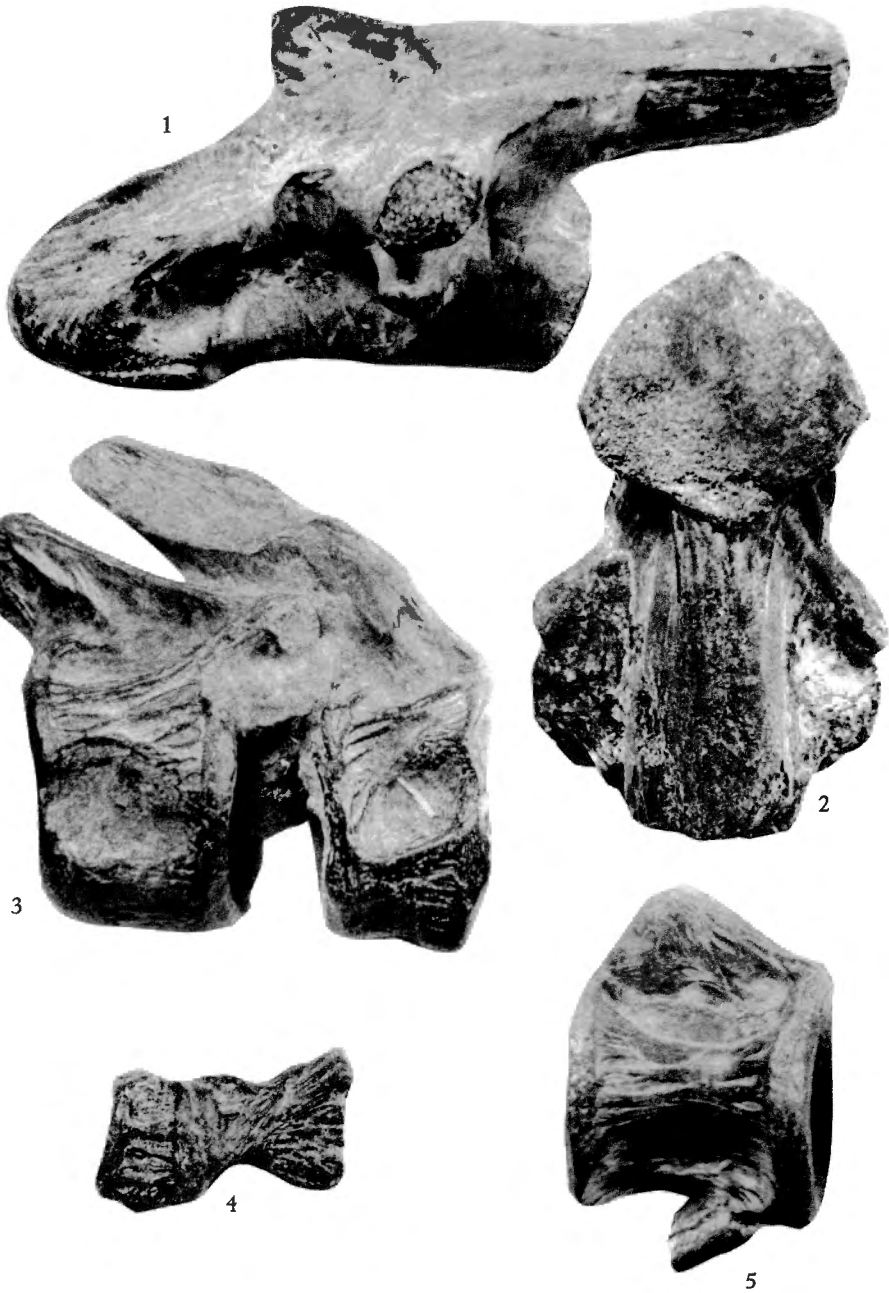


PLATE II

EXPLANATION OF PLATE II.

Site I. — *Lates* sp.

1. Ethmoid-vomer, left lateral view (0.8 ×).
 2. Ethmoid-vomer, ventral view (0.9 ×).
 3. 3rd and 4th vertebrae, right lateral view (0.8 ×).
 4. Penultimate and ultimate abdominal vertebrae, lateral view (0.7 ×).
 5. Caudal vertebra, lateral view (0.9 ×).
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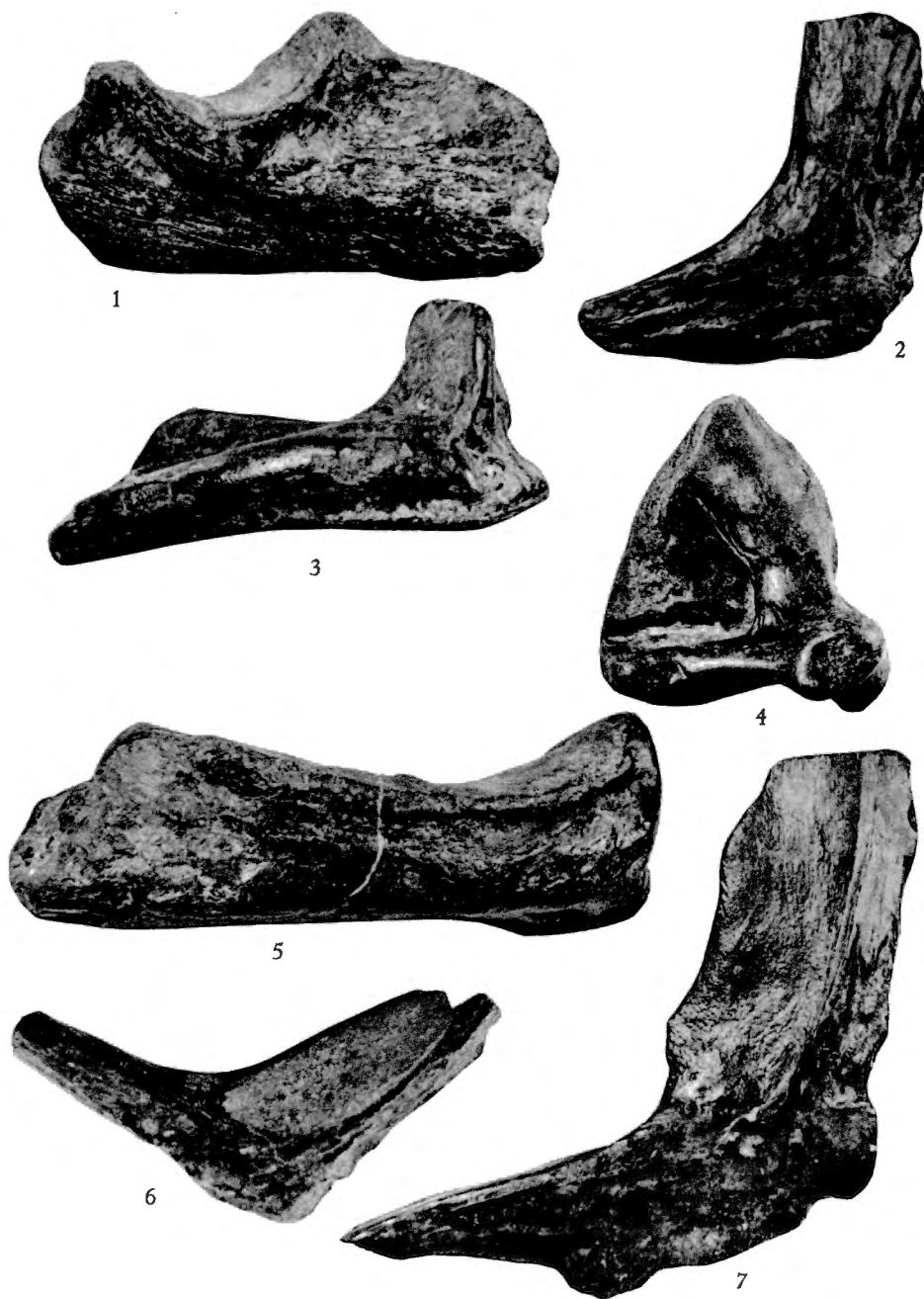
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PLATE III

EXPLANATION OF PLATE III.

Site I. — *Lates* sp.

1. Right articular, lateral view (0.8 ×).
 2. Left cleithrum, lateral view (0.7 ×).
 3. Right premaxilla, lateral view (0.8 ×).
 4. Left quadrate, medial aspect (0.7 ×).
 5. Right dentary, lateral aspect (0.8 ×).
 6. Right ectopterygoid, ventral view (0.8 ×).
 7. Left preoperculum, lateral view (0.7 ×).
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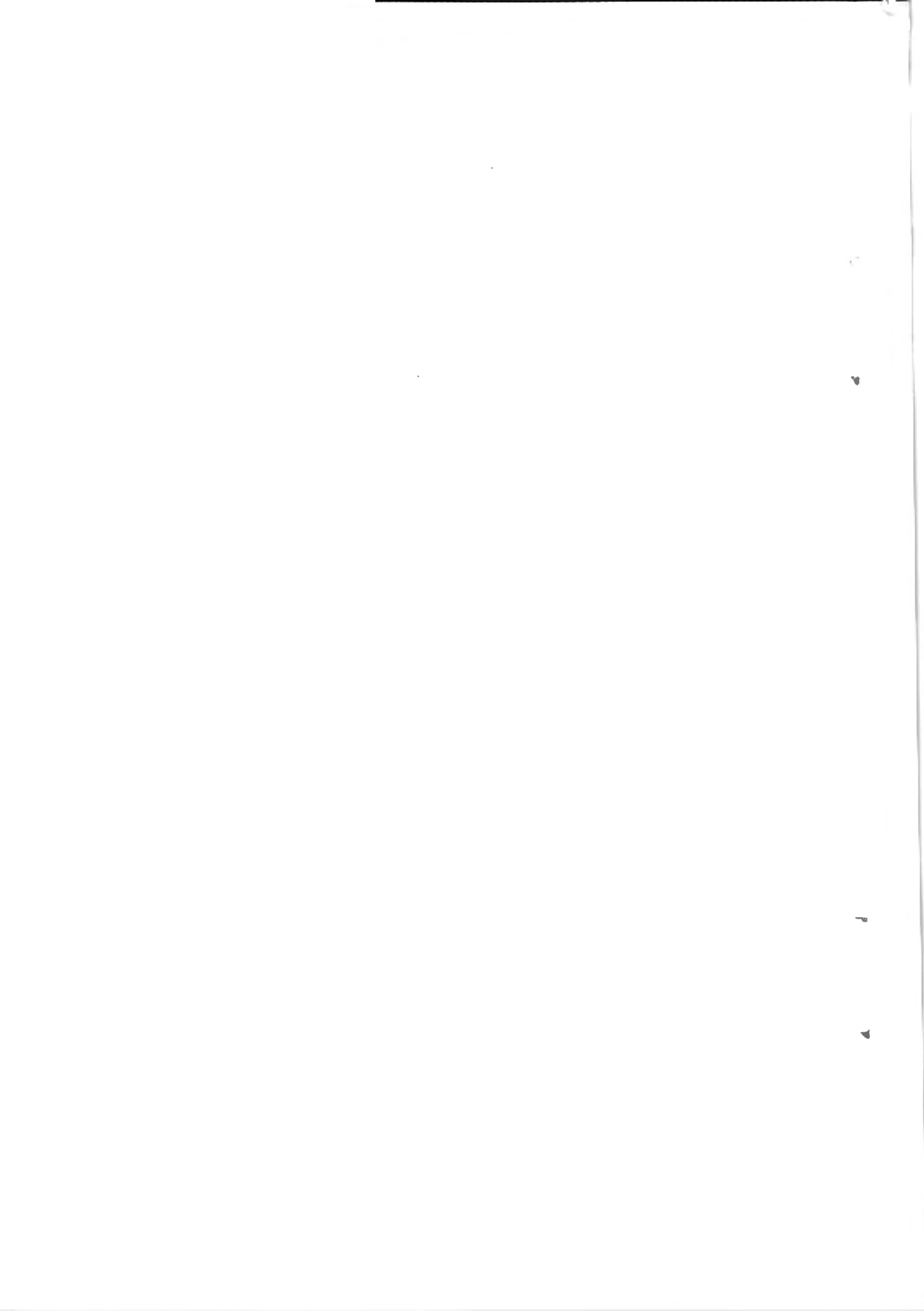
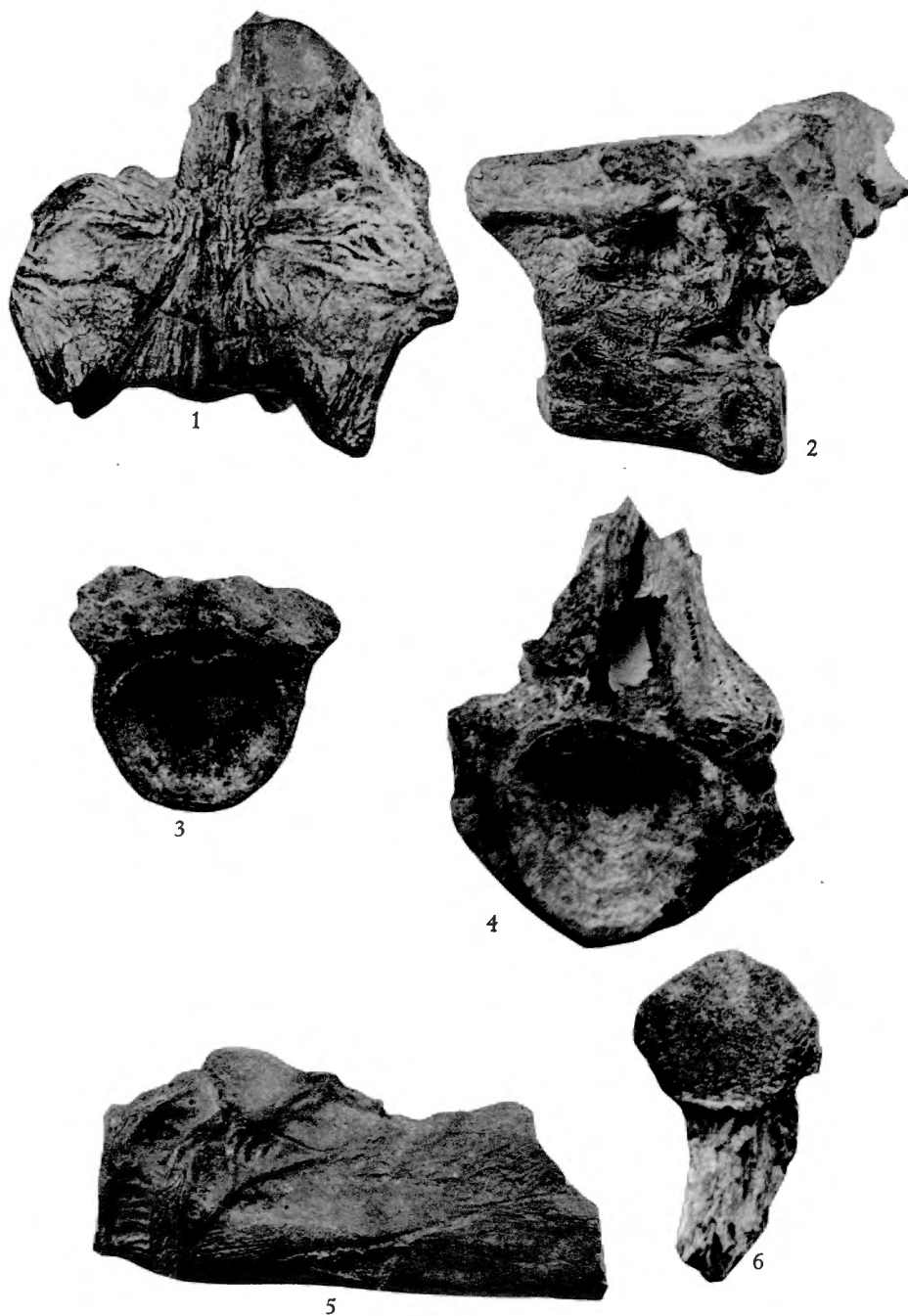


PLATE IV

EXPLANATION OF PLATE IV.

Site I (figs. 1 and 2). — Site II (figs. 3-6).

1. *Bagrus* sp. occipital region of skull, dorsal view.
 2. *Idem*, left lateral view (0.85 ×).
 3. *Lates*, 1st vertebra anterior face (0.8 ×).
 4. *Lates*, 2nd vertebra anterior face (1.0 ×).
 5. *Lates*, basioccipital and first vertebra, right lateral view (0.8 ×).
 6. *Lates*, vomer, ventral face (0.95 ×).
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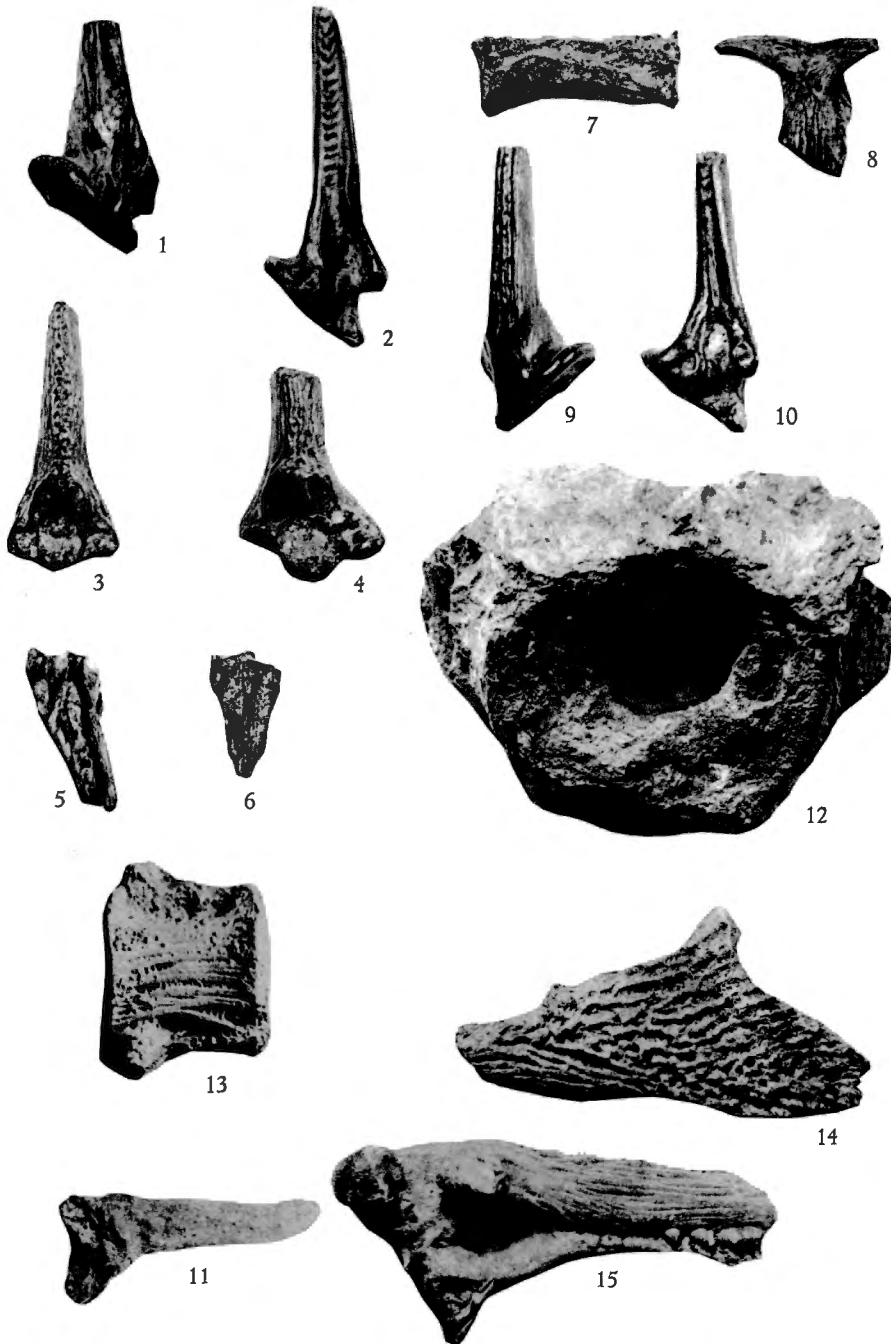


PLATE V

EXPLANATION OF PLATE V.

Site I (figs. 1-10). — Site IV (fig. 11). — Site V (figs. 12-14).

- 1 and 2. *Clarotes* sp. pectoral spine, anterior and posterior faces (0.8 ×).
 - 3 and 4. *Auchenoglanis* sp., dorsal spine, anterior and posterior faces (0.8 ×).
 - 5 and 6. *Tilapia* sp. 1st anal pterygiophore (both 0.8 ×).
 7. *Bagrus* sp., fused anterior vertebral mass, lateral view (0.8 ×).
 8. *Bagrus* sp., dermethmoid, dorsal view (0.8 ×).
 - 9 and 10. *Auchenoglanis* sp., pectoral spine, anterior and posterior faces (0.8 ×).
 11. *Lates* sp., gillraker (0.7 ×).
 12. *Lates* sp., 1st vertebra, anterior face (0.9 ×).
 13. *Lates* sp., abdominal vertebra, lateral view (0.8 ×).
 14. *Auchenoglanis* sp., left humeral process, lateral aspect (0.8 ×).
 15. *Auchenoglanis* sp., pectoral spine, posterior face (0.9 ×).
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PLATE VI

EXPLANATION OF PLATE VI.

Site VIII a.

- 1 and 2. *Clarotes* sp., pectoral spine, dorsal and posterior faces (1.5 x).
 3. *Protopterus* sp., left mandibular tooth-plate, lateral aspect (1.5 x).
 4. Fragment of Clariid neurocranium (1.5 x).
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PLATE VII

EXPLANATION OF PLATE VII.

Site VIII *b* (figs. 1, 5 and 7). — Site VIII *c* (figs. 2-4, 6-8).

1. *Lates* sp., Abdominal vertebra, oblique lateral view (1.7 ×).
 2. *Lates* sp., dentary, medial aspect (1.6 ×).
 3. *Lates* sp., left preoperculum, lateral aspect (1.1 ×).
 4. *Lates* sp., ectopterygoid, ventral aspect (1.2 ×).
 5. *Barbus* sp., abdominal vertebra, lateral view (1.6 ×).
 6. *Synodontis* sp., pectoral spine, dorsal and posterior aspects (1.6 ×).
 7. *Synodontis* sp., pectoral spine, dorsal aspect (1.6 ×).
 8. *Synodontis* sp., left humeral process, lateral aspect (1.8 ×).
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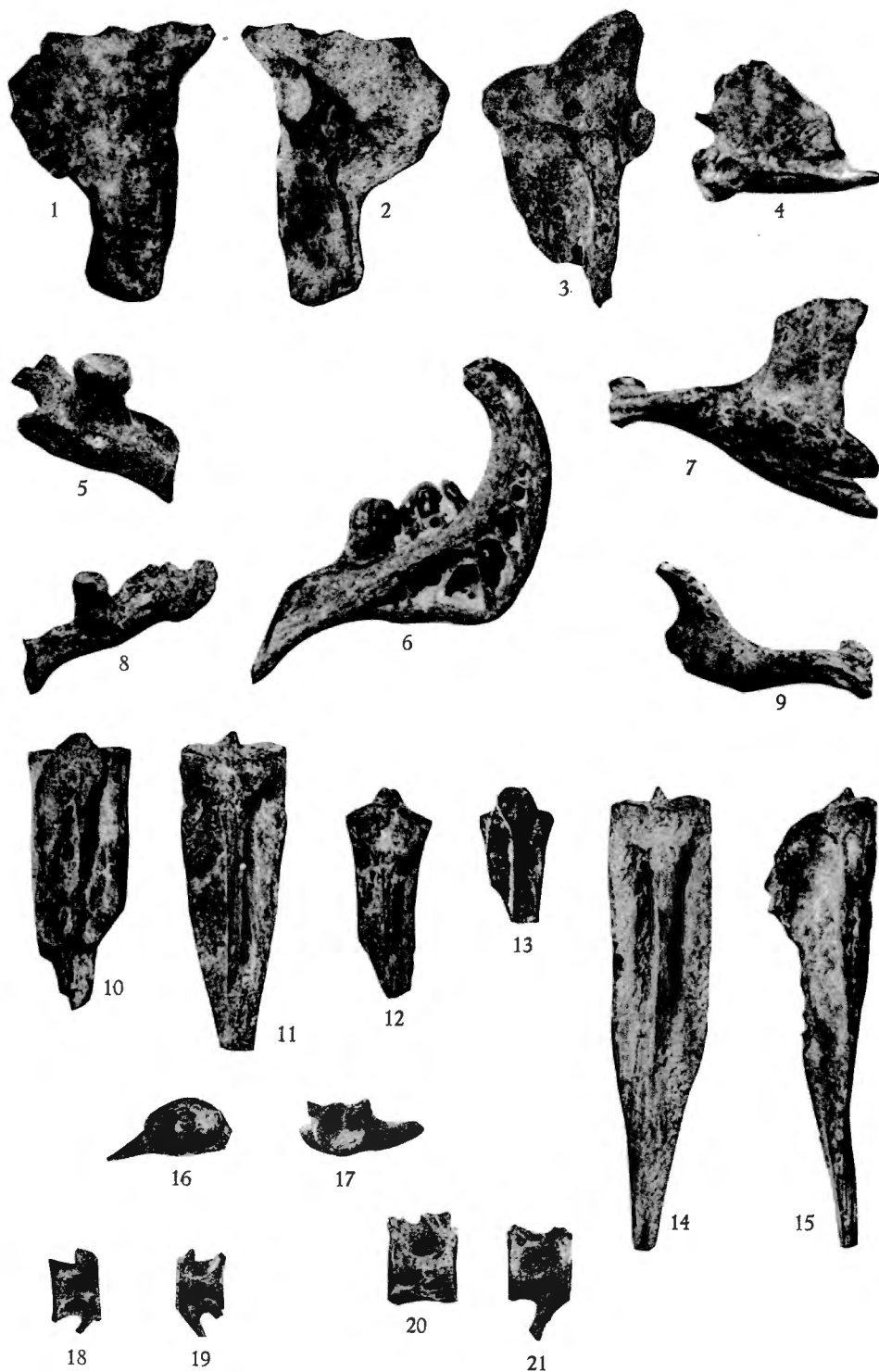
PLATE VIII

EXPLANATION OF PLATE VIII.

Barbus sp. or spp. (see text p. 42).

Site IX (figs. 1-8 and 10-19). — Site X a (figs. 8 and 9). — Site X b (figs. 20 and 21).

- 1 and 2. Right operculum, lateral and medial aspects (0.5 ×).
 3. Left hyomandibular, lateral aspect (0.5 ×).
 4. Right quadrate, medial aspect (0.6 ×).
 5. Fragment of pharyngeal bone, showing major pharyngeal tooth (0.6 ×).
 6. Entire pharyngeal bone (right), medial aspect (0.65 ×).
 7. Left dentary, lateral aspect (0.65 ×).
 8. Fragment of pharyngeal bone, showing major pharyngeal tooth (0.75 ×).
 9. Fragment of right dentary (0.75 ×).
 - 10 and 11. 3rd interneural pterygiophore, posterior and anterior faces (0.6 ×).
 - 12 and 13. 3rd interneural pterygiophore, anterior and posterior faces (0.6 ×).
 - 14 and 15. 1st interneural pterygiophore, anterior and lateral aspects (0.65 ×).
 - 16 and 17. 1st and 2nd vertebrae (0.4 ×).
 - 18 and 19. Caudal vertebrae (0.4 ×).
 20. Abdominal vertebra (0.8 ×).
 21. Caudal vertebra (0.8 ×).
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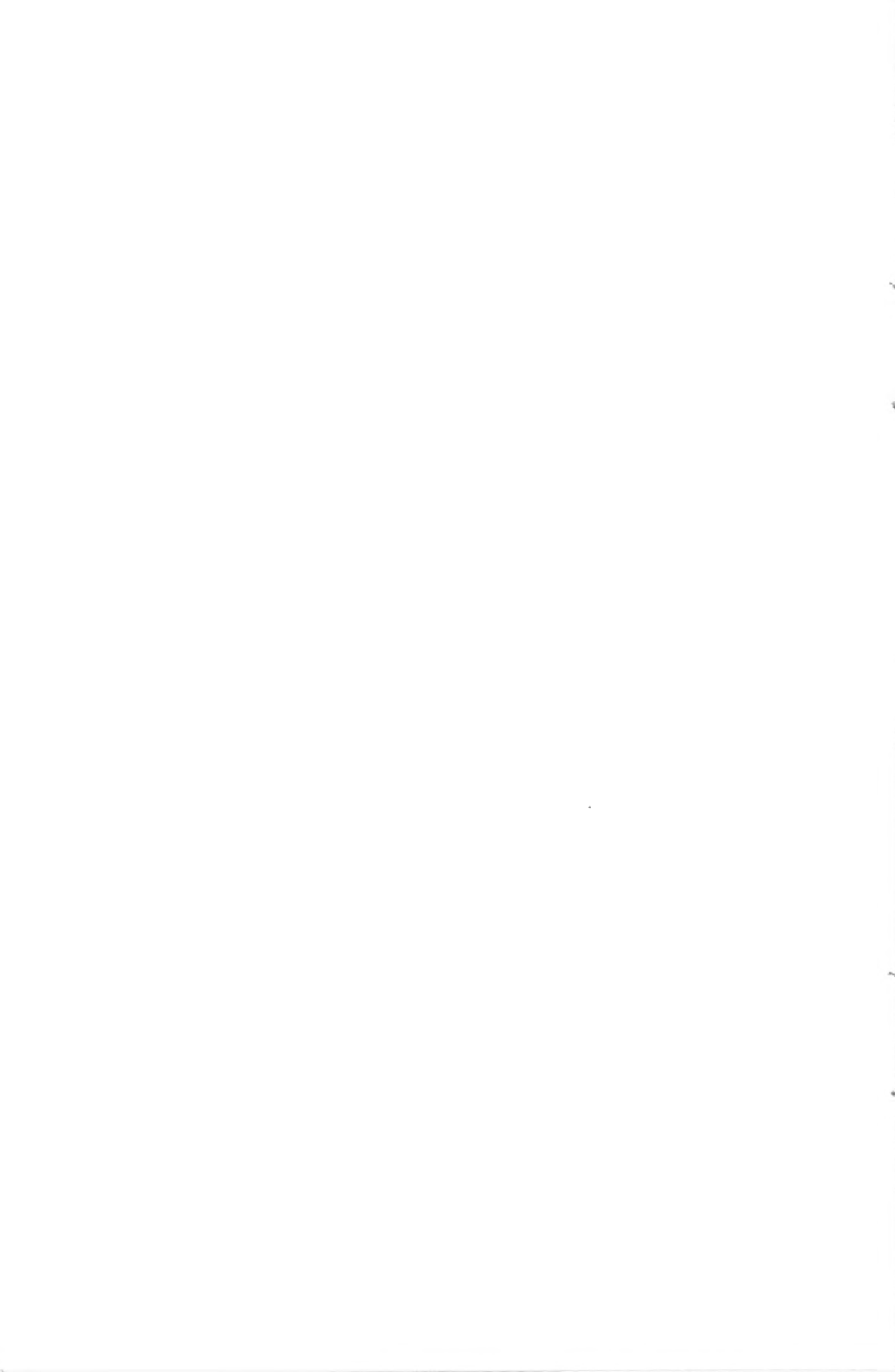


PLATE IX

EXPLANATION OF PLATE IX.

Site IX. — *Synodontis frontosus* (figs. 1-12) and ? *Heterobranchus* sp. (figs. 13 and 14).

1. Supraoccipital, dorsal view (1.2 ×).
 - 2 and 3. Left and right frontal (from different individuals) (1.2 ×).
 4. Occipito-nuchal plate, dorsal view (1.2 ×).
 5. Ethmoid, dorsal view (1.25 ×).
 - 6 and 7. Left and right humeral process and cleithrum (left 1.3 ×, right 1.2 ×).
 8. 2nd dorsal spine, anterior aspect (1.2 ×).
 - 9 and 10. 3rd dorsal spine lateral and anterior aspects (anterior 1.2 ×, lateral 1.0 ×).
 - 11 and 12. Anterior abdominal vertebrae (1.0 ×).
 13. ? *Heterobranchus* sp., ? post-temporal, dorsal view (1.0 w).
 14. ? *Heterobranchus* sp., frontal, dorsal view (1.0 ×).
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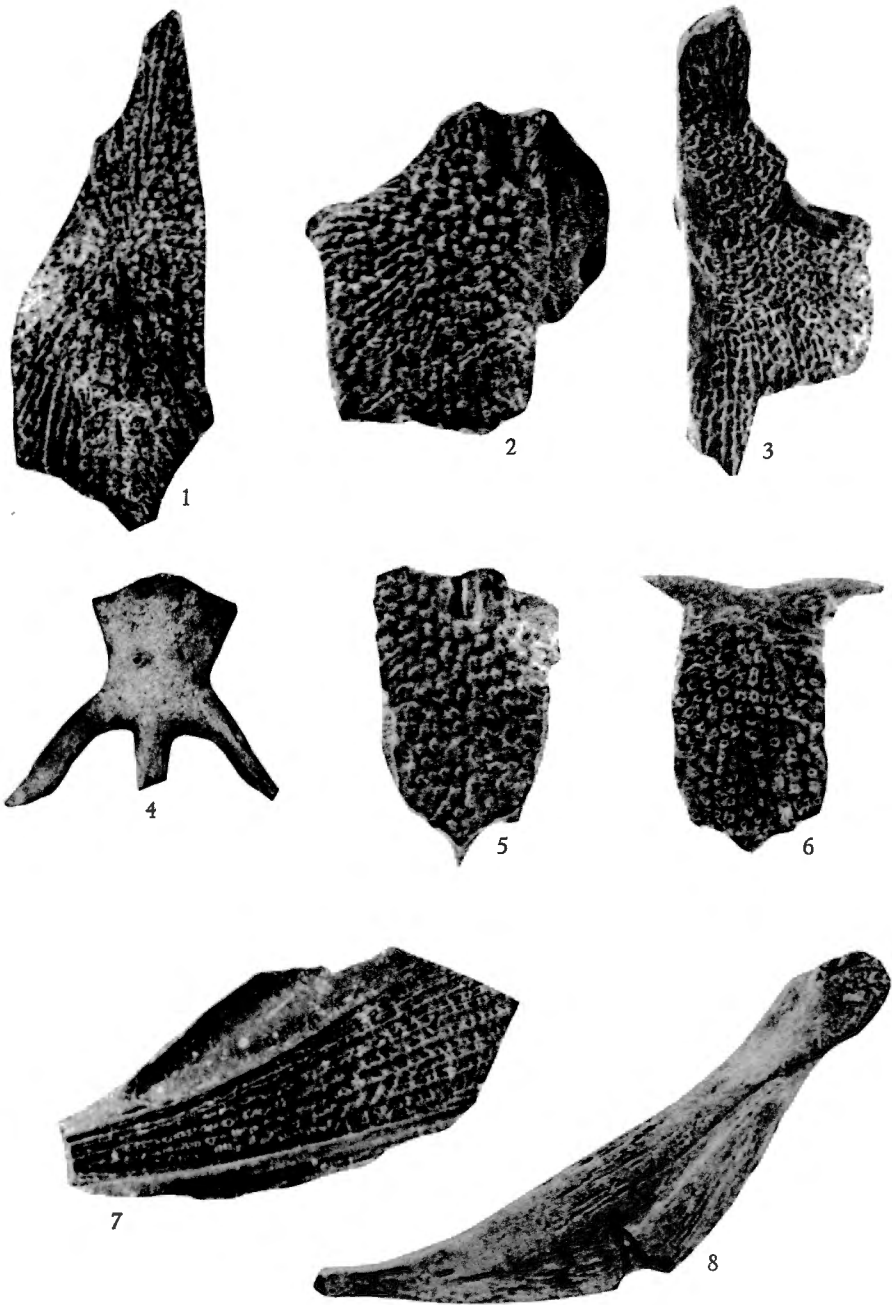
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PLATE X

EXPLANATION OF PLATE X.

Site IX. — *Clarias* cf. *C. lazera*.

1. Supra-orbital, dorsal view (1.2 ×).
 2. Prefrontal, dorsal view (1.2 ×).
 3. Frontal, dorsal view (1.0 ×).
 4. Urohyal, ventral aspect (1.5 ×).
 5. Supraoccipital, dorsal view (1.3 ×).
 6. Dermethmoid, dorsal view (1.2 ×).
 7. Fragment of cleithrum, ventro-lateral aspect (1.0 ×).
 8. Epi- and ceratohyal, ventral aspect (1.0 ×).
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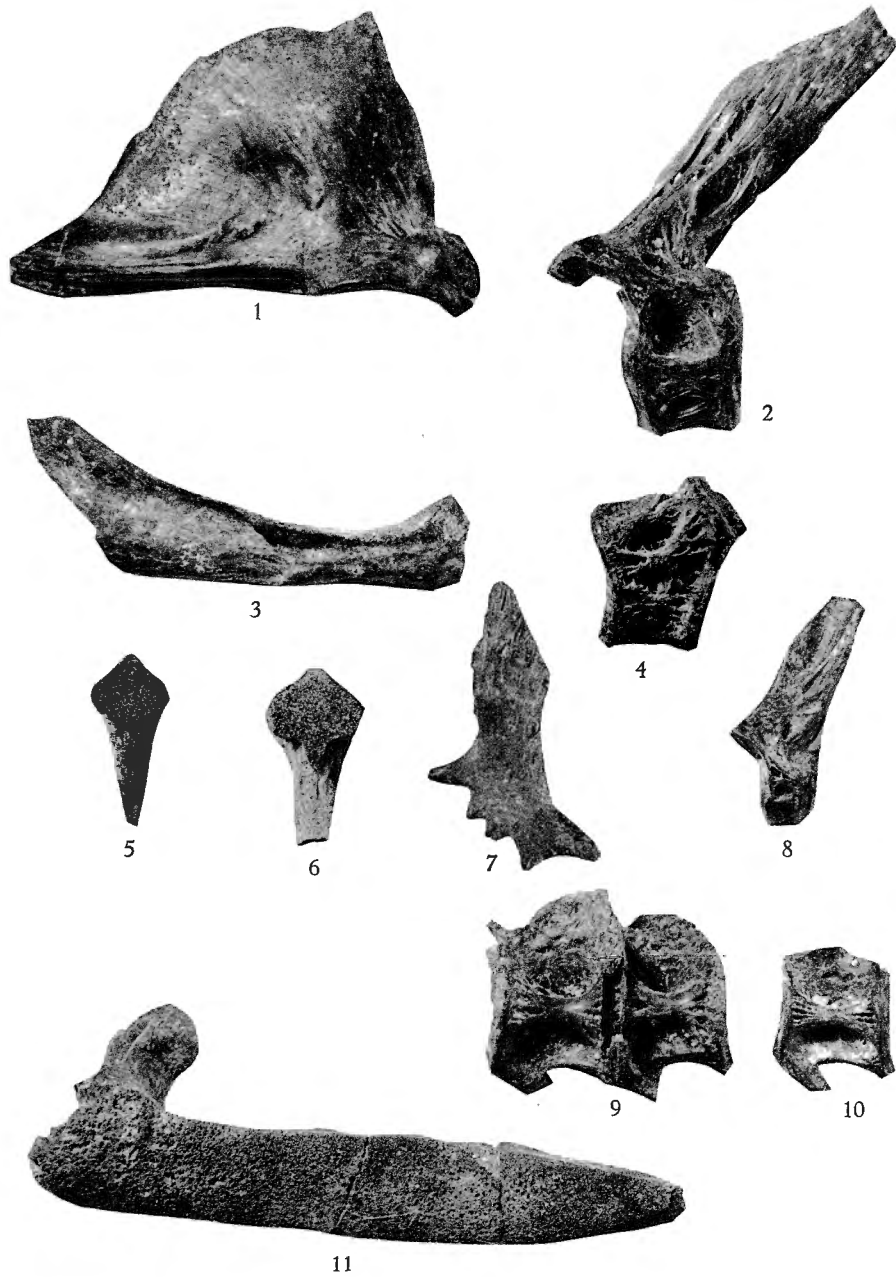
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PLATE XI

EXPLANATION OF PLATE XI.

Site IX. — *Lates* sp.

1. Quadrate, lateral aspect (0.8 ×).
 2. 3rd vertebra, left lateral aspect (0.8 ×).
 3. Right dentary, lateral aspect (0.75 ×).
 4. 1st vertebra, right lateral aspect (0.8 ×).
 - 5 and 6. Ventral view of vomerine tooth patch, showing variation in the shape of the posterior margin (both 0.8 ×).
 7. Left preoperculum, medial aspect (0.8 ×).
 8. 2nd vertebra, left lateral aspect (0.8 ×).
 - 9 and 10. Caudal vertebrae (both 0.8 ×).
 11. Right premaxilla, ventral aspect of dentigerous surface (0.8 ×).
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PLATE XII

EXPLANATION OF PLATE XII.

Site IX (figs. 1-8 and 11-12) and Site I (figs. 9-10).

- 1 and 2. *Tilapia* sp., 1st interhaemal pterygiophore, lateral aspect (both 1.2 ×).
 3. *Tilapia*, left premaxilla lateral aspect (1.2 ×).
 4. *Tilapia*, urohyal, left lateral aspect (1.2 ×).
 5. *Tilapia*, 1st vertebra, anterior face (1.2 ×).
 6. *Tilapia*, 2nd vertebra, anterior face (1.2 ×).
 7. *Tilapia*, 3rd vertebra, anterior face (1.2 ×).
 8. *Tilapia*, anterior abdominal vertebra, anterior face (1.0 ×).
 - 9 and 10. *Protopterus* sp., upper and lower tooth-plates, right lateral aspect (0.7 ×).
 - 11 and 12. *Protopterus* sp., upper and lower tooth-plates, right lateral aspect (0.8 ×).
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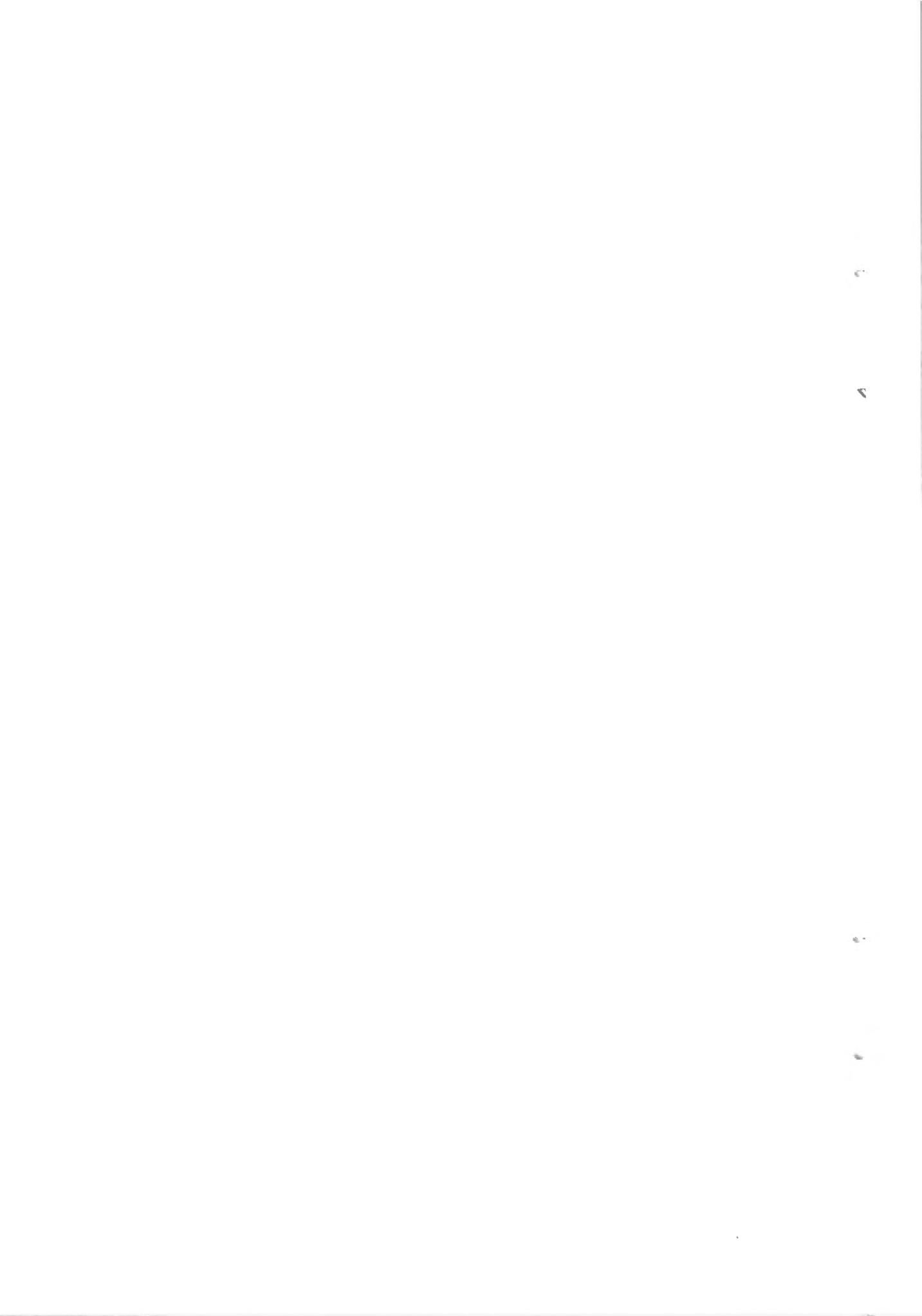
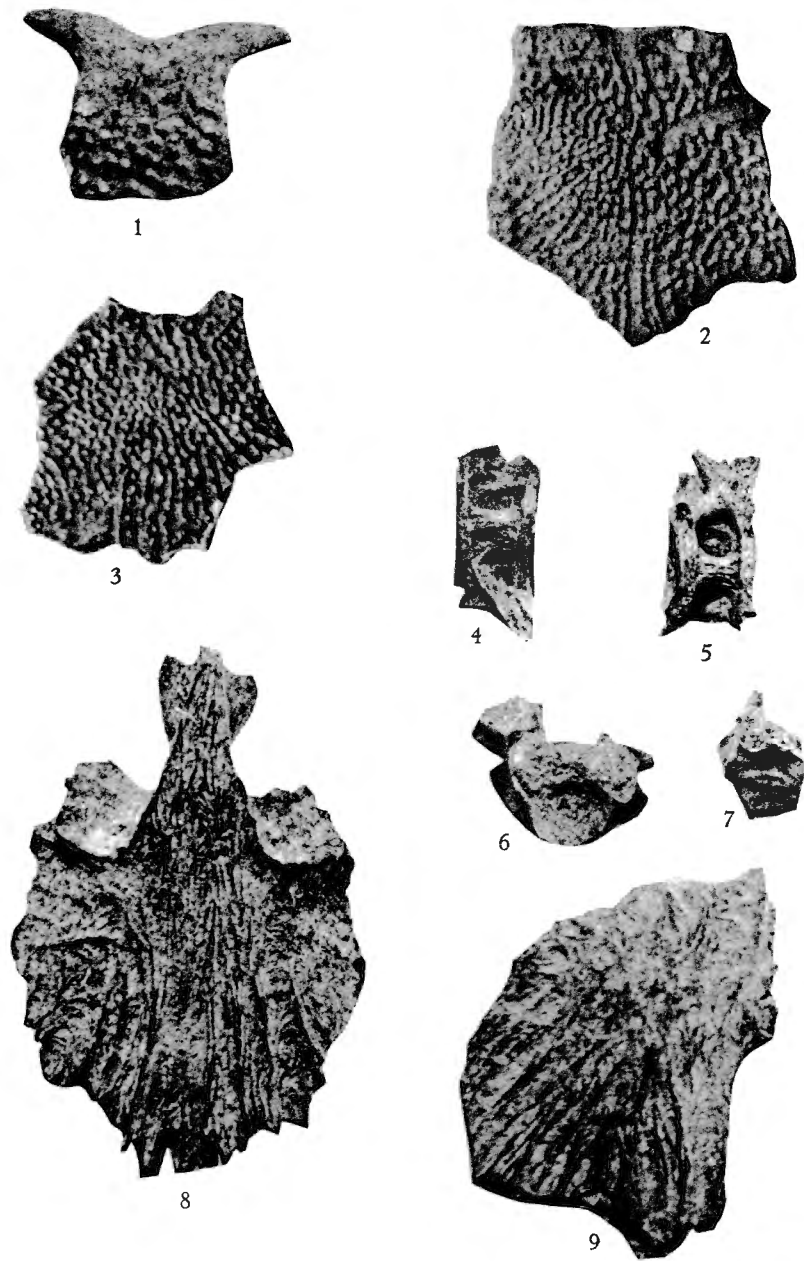


PLATE XIII

EXPLANATION OF PLATE XIII.

Site X a (figs. 8 and 9). — Site X b (figs. 1-7).

1. *Clarias* sp., dermethmoid, dorsal view (1.5 ×).
 - 2 and 3. *Clarias* sp., fragments of neurocranium (both 1.1 ×).
 - 4 and 5. *Clarias* sp., abdominal and caudal vertebrae (both 1.6 ×).
 - 6 and 7. *Tilapia* sp., 1st vertebrae, anterior and lateral aspects (1.6 × and 1.8 × respectively).
 8. *Bagrus* sp., supraoccipital region of neurocranium, dorsal view (1.4 ×).
 9. *Bagrus* sp., fragment of frontal, dorsal view (1.1 ×).
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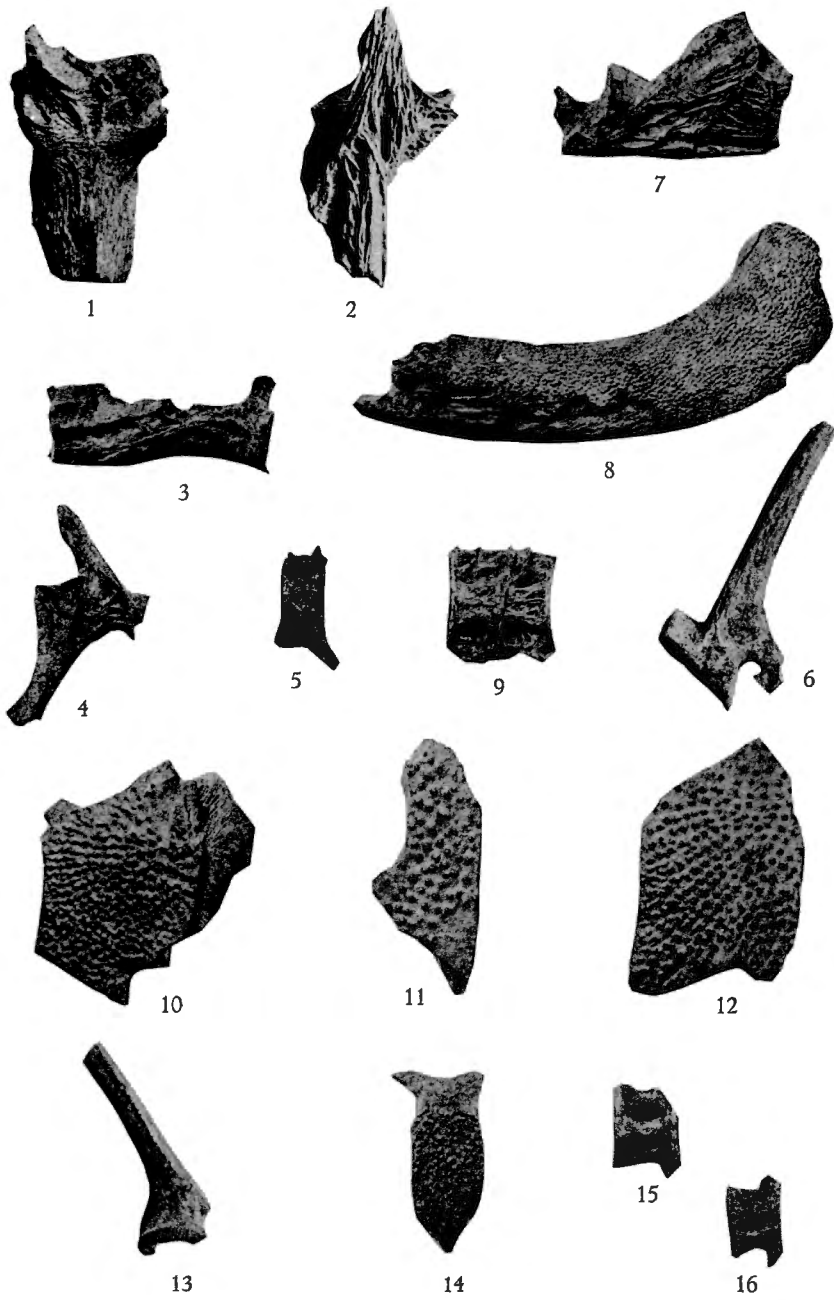
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PLATE XIV

EXPLANATION OF PLATE XIV.

Site Xc.

1. *Bagrus* sp., basioccipital, ventral aspect (0.8 ×).
 2. *Bagrus*, supraoccipital, dorsal aspect (0.8 ×).
 3. *Bagrus*, fused anterior vertebral mass, lateral view (0.8 ×).
 4. *Bagrus*, post-temporal (0.8 ×).
 5. *Bagrus*, abdominal vertebra, lateral view (0.8 ×).
 6. *Bagrus*, pectoral spine, anterior view (0.8 ×).
 7. *Bagrus*, right articular, lateral aspect (0.8 ×).
 8. *Bagrus*, right dentary, viewed obliquely from above (0.8 ×).
 9. *Bagrus*, caudal vertebrae, lateral view (0.8 ×).
 10. *Clarias* sp., prefrontal, dorsal view (0.8 ×).
 - 11 and 12. *Clarias*, fragments of neurocranium, dorsal view (both 0.8 ×).
 13. *Clarias*, pectoral spine, antero-dorsal aspect (0.9 ×).
 14. *Clarias*, dermethmoid dorsal view (0.9 ×).
 - 15 and 16. *Barbus* sp., caudal vertebrae, lateral aspect (0.9 ×).
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