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A STEREOSCOPIC ATLAS
of
HUMAN ANATOMY

DAVID L. BASSETT, M.D.

SECTION II
HEAD AND NECK

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A STEREOSCOPIC ATLAS
of
HUMAN ANATOMY
by

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SECTION II
HEAD and NECK

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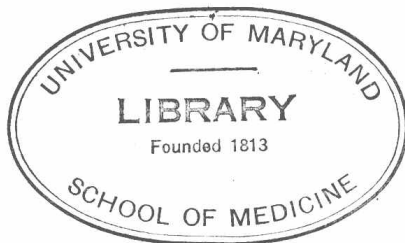


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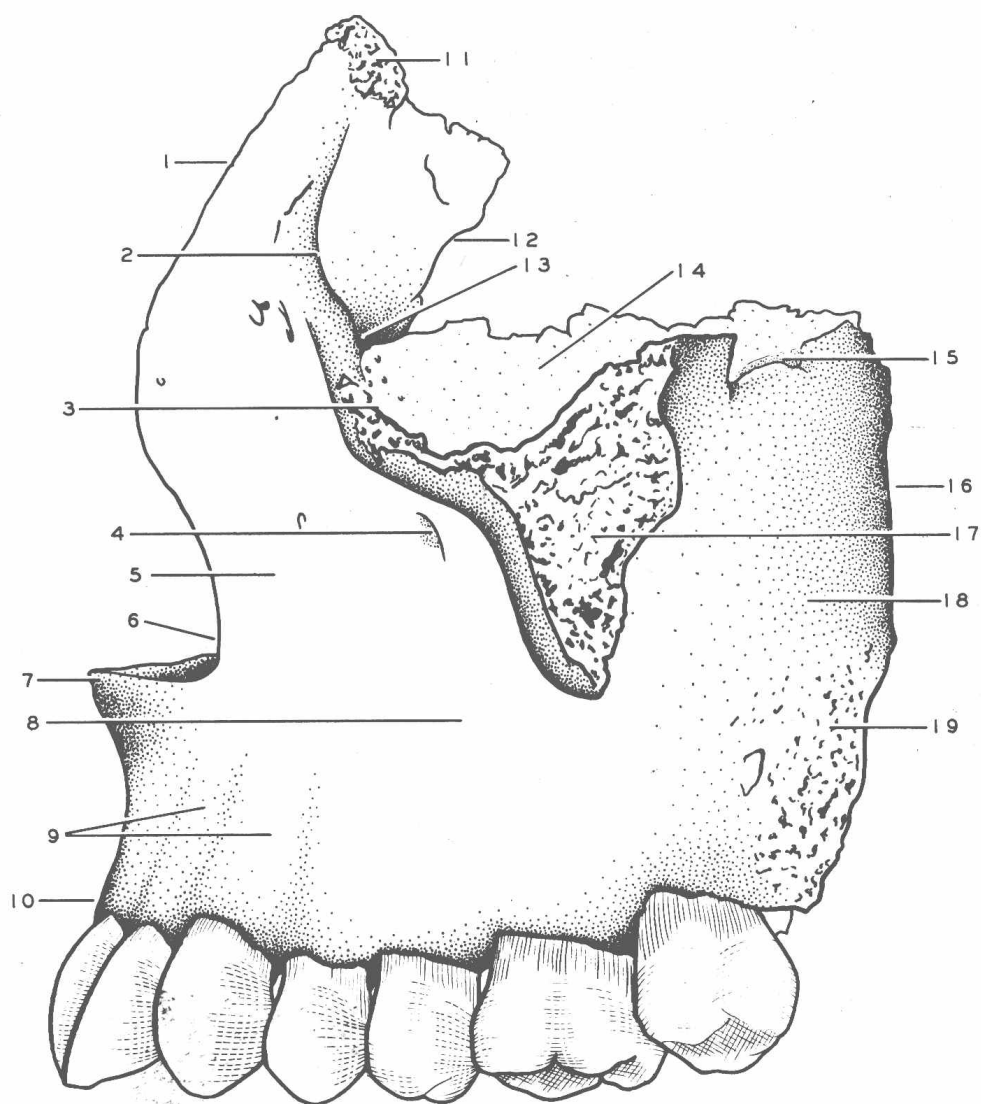
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OSTEOLOGY

Left maxilla, lateral view

- | | |
|-------------------------------|---------------------------------------|
| 1. Processus frontalis | 11. Articular surface for os frontale |
| 2. Crista lacrimalis anterior | 12. Margo lacrimalis |
| 3. Margo infraorbitalis | 13. Incisura lacrimalis |
| 4. Foramen infraorbitale | 14. Facies orbitalis |
| 5. Facies anterior | 15. Sulcus infraorbitalis |
| 6. Incisura nasalis | 16. Corpus maxillae |
| 7. Spina nasalis anterior | 17. Processus zygomaticus |
| 8. Fossa canina | 18. Facies infratemporalis |
| 9. Juga alveolaria | 19. Tuber maxillare |
| 10. Processus alveolaris | |



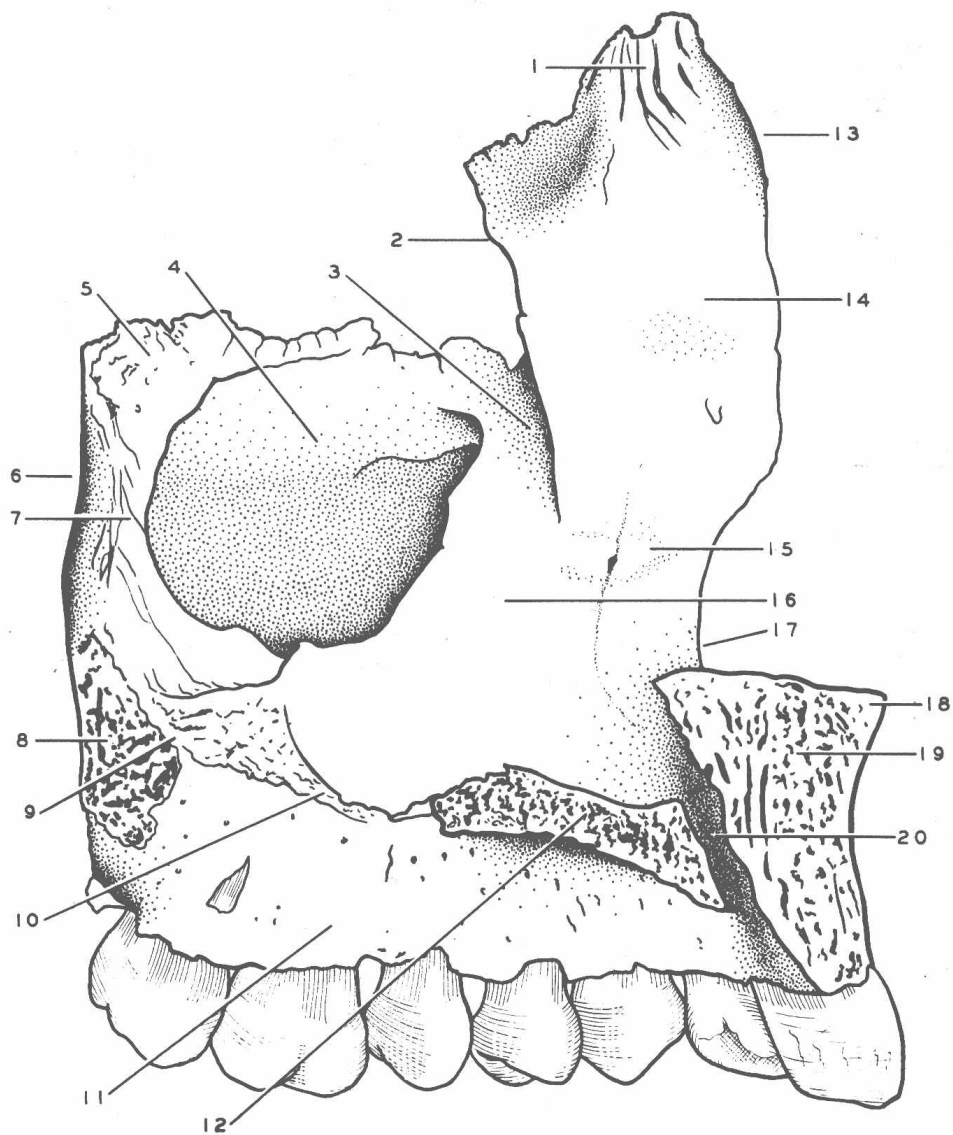


Scale—1 division=6 mm.

OSTEOLOGY

Left maxilla, medial view

- | | |
|--|--|
| 1. Articular surface for os frontale | 10. Articular surface for processus
horizontalis ossis palatini |
| 2. Margo lacrimalis | 11. Processus alveolaris |
| 3. Sulcus lacrimalis | 12. Processus palatinus |
| 4. Sinus maxillaris, visible through
hiatus maxillaris | 13. Processus frontalis |
| 5. Articular surface for processus
orbitalis ossis palatini | 14. Crista ethmoidalis (faintly visible) |
| 6. Corpus maxillae | 15. Crista conchalis |
| 7. Articular surface for pars
perpendicularis ossis palatini | 16. Facies nasalis |
| 8. Articular surface for processus
pyramidalis ossis palatini | 17. Incisura nasalis |
| 9. Pterygopalatine sulcus | 18. Spina nasalis anterior |
| | 19. Articular surface for right maxilla |
| | 20. Canalis incisivus |

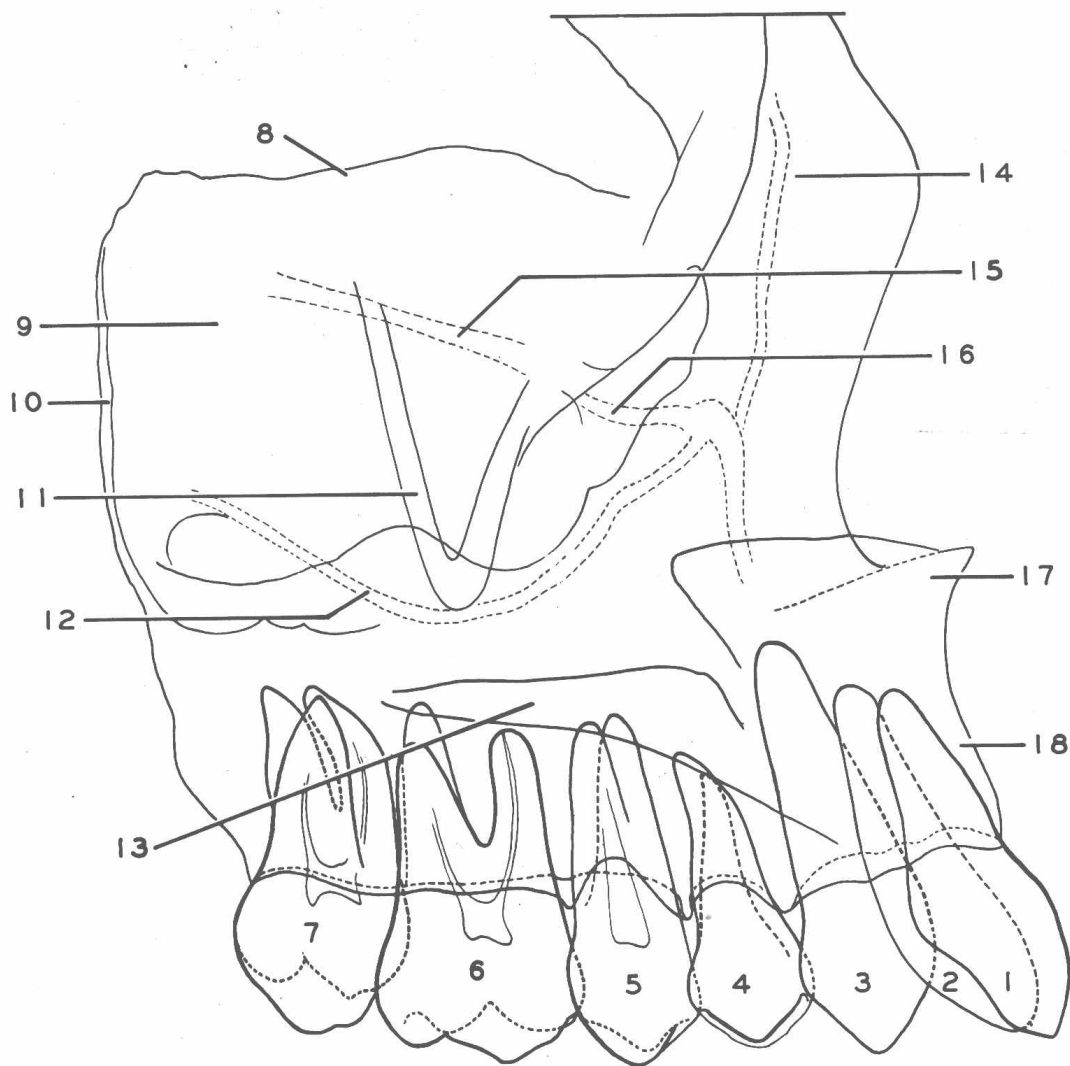


OSTEOLOGY

Roentgenogram, left maxilla, mediolateral view

The third molar is not present in this specimen. Detailed roentgenographic views of the teeth are to be found in 47-4 ff.

1. Dens incisivus medialis
2. Dens incisivus lateralis
3. Dens caninus
4. Dens praemolaris I
5. Dens praemolaris II
6. Dens molaris I
7. Dens molaris II
8. Facies orbitalis
9. Sinus maxillaris (occupies entire body of maxilla)
10. Facies infratemporalis
11. Processus zygomaticus (in background)
12. Canal for a. alveolaris superior posterior (in background)
13. Processus palatinus (in foreground)
14. Processus frontalis (note canal for small artery)
15. Sulcus infraorbitalis
16. Canal for a. alveolaris superior anterior
17. Spina nasalis anterior
18. Processus alveolaris

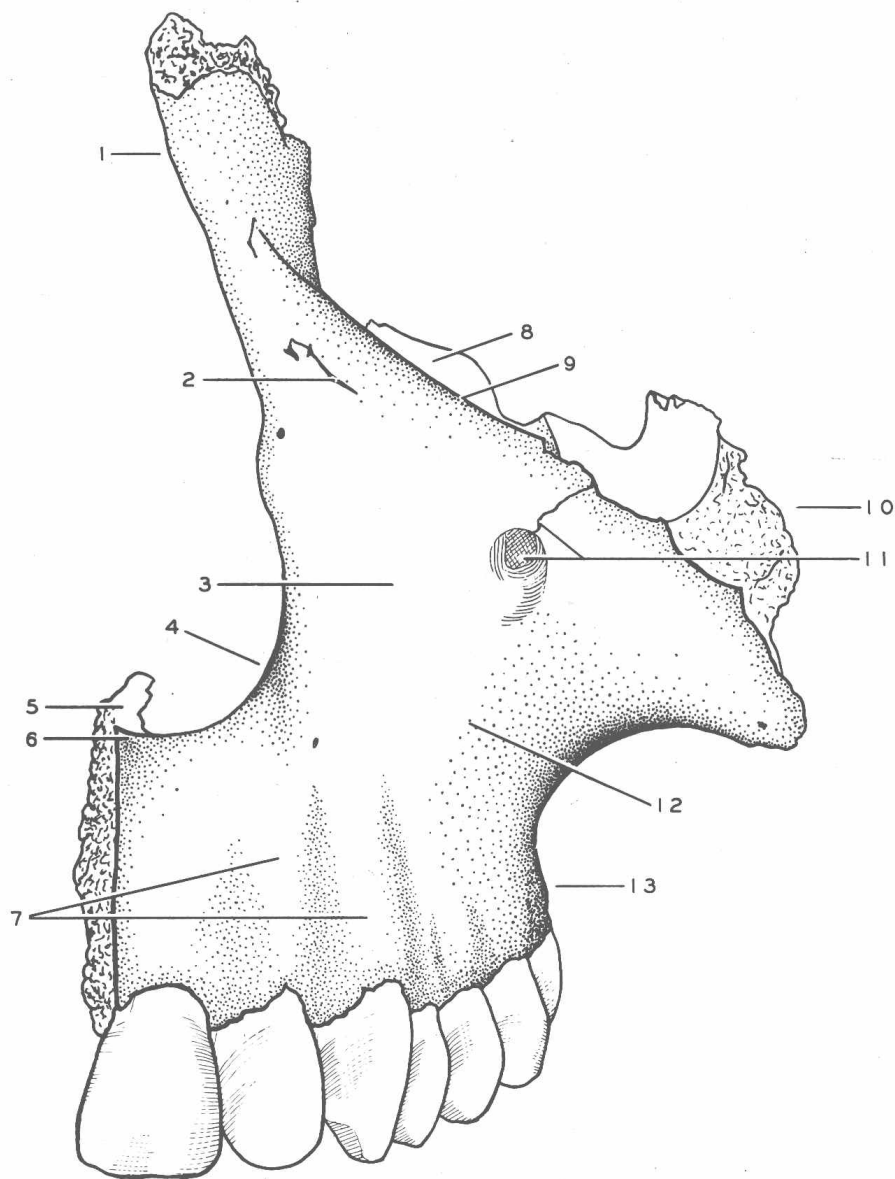


Scale—1 division=5 mm.

OSTEOLOGY

Left maxilla, anterior view

- | | |
|------------------------------------|---|
| 1. Processus frontalis | 8. Facies orbitalis |
| 2. Groove for artery in periosteum | 9. Margo infraorbitalis |
| 3. Facies anterior | 10. Processus zygomaticus |
| 4. Incisura nasalis | 11. Foramen infraorbitale et sutura
infraorbitalis |
| 5. Crista nasalis | 12. Fossa canina |
| 6. Spina nasalis anterior | 13. Processus alveolaris |
| 7. Juga alveolaria | |

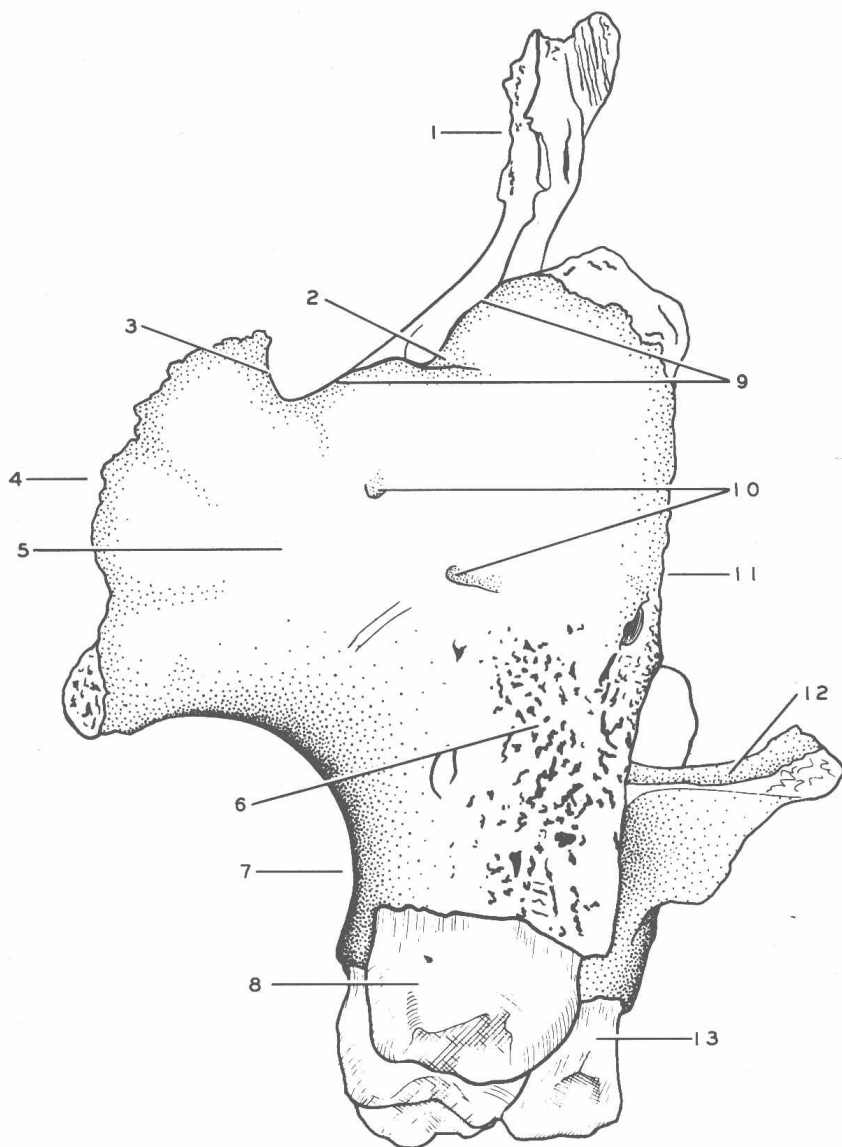


Scale—1 division=5 mm.

OSTEOLOGY

Left maxilla, posterior view

- | | |
|--|--|
| 1. Processus frontalis | 8. Dens molaris II |
| 2. Sulcus infraorbitalis | 9. Inferior margin of fissura orbitalis inferior |
| 3. Anterior margin of fissura orbitalis inferior | 10. Foramina alveolaria |
| 4. Processus zygomaticus | 11. Corpus maxillae |
| 5. Facies infratemporalis | 12. Processus palatinus |
| 6. Tuber maxillare | 13. Dens incisivus medialis |
| 7. Processus alveolaris | |

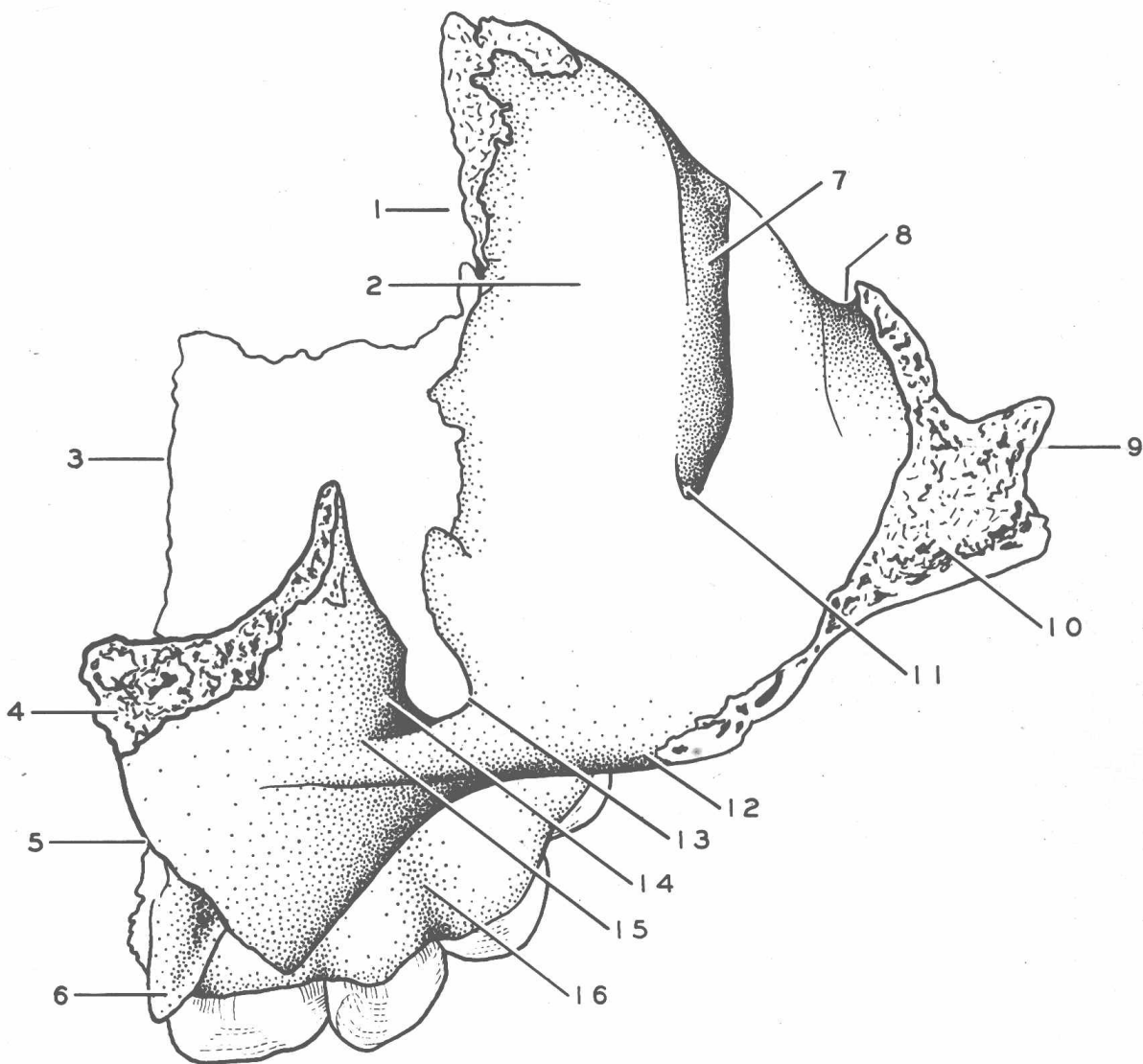


Scale—1 division=5 mm.

OSTEOLOGY

Left maxilla, superior view

1. Corpus maxillae
2. Facies orbitalis
3. Processus palatinus
4. Processus frontalis (articular surface for os frontale)
5. Articular surface for os nasale
6. Spina nasalis anterior
7. Sulcus infraorbitalis
8. Anterior margin of fissura orbitalis inferior
9. Processus zygomaticus
10. Articular surface for os zygomaticum
11. Canalis infraorbitalis
12. Margo infraorbitalis
13. Incisura lacrimalis
14. Sulcus lacrimalis
15. Crista lacrimalis anterior
16. Facies anterior (note juga alveolaria)



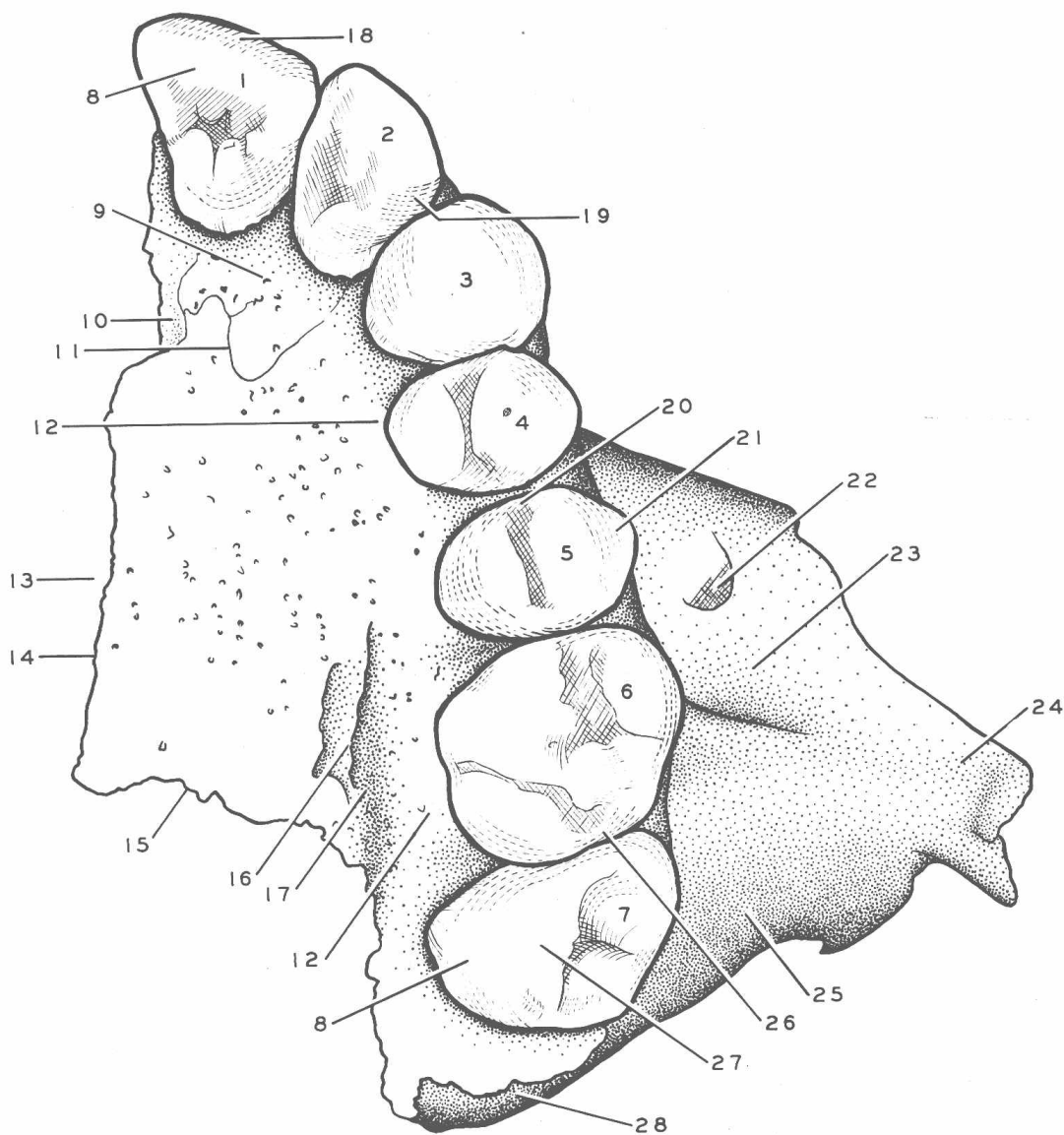
Scale—1 division=4 mm.

OSTEOLOGY

Left maxilla and permanent teeth, inferior view

The third molar (dens serotinus) is absent in this specimen. The central incisor (1) has a deeper lingual fossa than is commonly encountered. The contact surfaces of the teeth (19,20,26) are labeled in accordance with modern dental terminology as well as with the conventional BNA names. In the modern system the contact surfaces are named mesial or distal with reference to the midline of the dental arch.

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Dens incisivus medialis 2. Dens incisivus lateralis 3. Dens caninus 4. Dens praemolaris I 5. Dens praemolaris II 6. Dens molaris I 7. Dens molaris II 8. Facies lingualis 9. Os incisivum 10. Foramen incisivum (completed by
 opposite maxilla) 11. Sutura incisiva 12. Processus alveolaris 13. Processus palatinus 14. Articular surface for opposite
 maxilla | <ol style="list-style-type: none"> 15. Articular surface for pars
 horizontalis ossis palatini 16. Spina palatina 17. Sulcus palatinus 18. Facies labialis 19. Facies lateralis (distal surface) 20. Facies anterior (mesial surface) 21. Facies buccalis 22. Foramen infraorbitale 23. Fossa canina 24. Processus zygomaticus 25. Facies infratemporalis 26. Facies posterior (distal surface) 27. Facies masticatoria 28. Tuber maxillare |
|---|--|



Scale—1 division=4 mm.