

Atlas *of the*

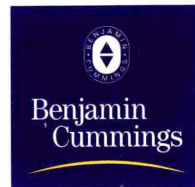
Human Skeleton

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# Atlas of the Human Skeleton

Matt Hutchinson • Jon Mallatt • Elaine N. Marieb

Photographs by Ralph T. Hutchings



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# Preface

**T**his *Atlas of the Human Skeleton* was the joint inspiration of Elaine N. Marieb and Benjamin Cummings Publisher Daryl Fox. Packaged with *Human Anatomy & Physiology*, Fifth Edition, and *Human Anatomy*, Third Edition, the full-color views of the human skeleton are presented with a degree of clarity and scale that could never be achieved within a textbook alone.

The skeletal views were carefully chosen and organized by Elaine Marieb. Matt Hutchinson of Washington State University took on the arduous task of labeling each structure. Jon Mallatt, co-author of the human anatomy text, scrutinized and approved the views, leaders, and labels through several rounds of page proof. Figure references to related atlas images can be found in the illustration figure legends of both the anatomy and the anatomy and physiology textbooks.

Ralph T. Hutchings, formerly with The College of Surgeons of England, photographed each of the bone structures found in this book. His reputation as an

anatomical photographer preceded him, and we certainly were not disappointed—the quality of his work is here for all to see. We are most grateful to him for lending his expertise to this project, and for his good humor and ready willingness to meet our demands.

We are hopeful that the *Atlas of the Human Skeleton* proves to be a relevant addition to the Marieb and Marieb/Mallatt texts. Benjamin Cummings would welcome your comments and suggestions, which may be sent to the following address:

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# Contents

|                  |                                                      |           |                  |                                                                                                |           |                  |                                                                                        |           |
|------------------|------------------------------------------------------|-----------|------------------|------------------------------------------------------------------------------------------------|-----------|------------------|----------------------------------------------------------------------------------------|-----------|
| <b>Figure 1</b>  | <b>Skull, anterior view</b>                          | <b>1</b>  | <b>Figure 16</b> | <b>Fetal skull</b>                                                                             | <b>17</b> |                  | (d) second lumbar vertebra, right lateral view                                         | <b>27</b> |
| <b>Figure 2</b>  | <b>Skull, right external view of lateral surface</b> | <b>2</b>  |                  | (a) anterior view                                                                              | 17        |                  |                                                                                        |           |
|                  |                                                      |           |                  | (b) lateral view                                                                               | 17        | <b>Figure 22</b> | <b>Sacrum and coccyx</b>                                                               | <b>28</b> |
| <b>Figure 3</b>  | <b>Skull, internal view of left lateral aspect</b>   | <b>3</b>  | <b>Figure 17</b> | <b>Articulated vertebral column</b>                                                            | <b>18</b> |                  | (a) posterior view                                                                     | 28        |
|                  |                                                      |           |                  | (a) right lateral view                                                                         | 18        |                  | (b) right lateral view                                                                 | 28        |
| <b>Figure 4</b>  | <b>Skull, external view of base</b>                  | <b>4</b>  |                  | (b) posterior view                                                                             | 19        |                  | (c) anterior view                                                                      | 29        |
| <b>Figure 5</b>  | <b>Skull, internal view of base</b>                  | <b>5</b>  | <b>Figure 18</b> | <b>Various views of vertebrae C<sub>1</sub> and C<sub>2</sub></b>                              | <b>20</b> | <b>Figure 23</b> | <b>Bony thorax</b>                                                                     | <b>30</b> |
| <b>Figure 6</b>  | <b>Occipital bone, inferior external view</b>        | <b>6</b>  |                  | (a) atlas, superior view                                                                       | 20        |                  | (a) anterior view                                                                      | 30        |
| <b>Figure 7</b>  | <b>Frontal bone</b>                                  | <b>7</b>  |                  | (b) atlas, inferior view                                                                       | 20        |                  | (b) posterior view                                                                     | 31        |
|                  | (a) anterior view                                    | 7         |                  | (c) axis, superior view                                                                        | 21        |                  | (c) sternum, right lateral view                                                        | 32        |
|                  | (b) inferior surface                                 | 7         |                  | (d) axis, inferior view                                                                        | 21        |                  | (d) sternum, anterior view                                                             | 32        |
| <b>Figure 8</b>  | <b>Temporal bone</b>                                 | <b>8</b>  |                  | (e) articulated atlas and axis, superior view                                                  | 21        |                  | (e) typical rib, posterior                                                             | 33        |
|                  | (a) right lateral surface                            | 8         | <b>Figure 19</b> | <b>Cervical vertebrae</b>                                                                      | <b>22</b> |                  | (f) articulated typical rib and vertebra, superior view (left and lateral view (right) | 33        |
|                  | (b) right medial view                                | 9         |                  | (a) right lateral view of articulated cervical vertebrae                                       | 22        | <b>Figure 24</b> | <b>Scapula and clavicle</b>                                                            | <b>34</b> |
| <b>Figure 9</b>  | <b>Sphenoid bone</b>                                 | <b>10</b> |                  | (b) fifth (typical) cervical vertebra, superior view                                           | 22        |                  | (a) right scapula, anterior view                                                       | 34        |
|                  | (a) superior view                                    | 10        |                  | (c) fifth (typical) cervical vertebra, posterior view                                          | 22        |                  | (b) right scapula, posterior view                                                      | 34        |
|                  | (b) posterior view                                   | 10        |                  | (d) fifth (typical) cervical vertebra, right lateral view                                      | 23        |                  | (c) right scapula, lateral aspect                                                      | 35        |
|                  | (c) anterior view                                    | 10        |                  | (e) vertebra prominens (C <sub>7</sub> ), superior view                                        | 23        |                  | (d) right clavicle, inferior view (top and superior view (bottom)                      | 35        |
| <b>Figure 10</b> | <b>Ethmoid bone</b>                                  | <b>11</b> | <b>Figure 20</b> | <b>Thoracic vertebrae</b>                                                                      | <b>24</b> |                  | (e) articulated right clavicle and scapula, superior view                              | 35        |
|                  | (a) left lateral surface                             | 11        |                  | (a) articulated thoracic vertebrae, right lateral view                                         | 24        | <b>Figure 25</b> | <b>Right humerus</b>                                                                   | <b>36</b> |
|                  | (b) posterior view                                   | 11        |                  | (b) seventh (typical) thoracic vertebra, superior view                                         | 24        |                  | (a) anterior view                                                                      | 36        |
|                  | (c) anterior view                                    | 11        |                  | (c) seventh (typical) thoracic vertebra, posterior view                                        | 24        |                  | (b) posterior view                                                                     | 36        |
| <b>Figure 11</b> | <b>Mandible</b>                                      | <b>12</b> |                  | (d) comparison of T <sub>1</sub> , T <sub>7</sub> , and T <sub>12</sub> in right lateral views | 25        |                  | (c) proximal end, anterior view                                                        | 37        |
|                  | (a) right lateral view                               | 12        | <b>Figure 21</b> | <b>Lumbar vertebrae</b>                                                                        | <b>26</b> |                  | (d) proximal end, posterior view                                                       | 37        |
|                  | (b) right medial view                                | 12        |                  | (a) articulated lumbar vertebrae and rib cage, right lateral view                              | 26        |                  | (e) distal end, anterior view                                                          | 37        |
| <b>Figure 12</b> | <b>Maxilla</b>                                       | <b>13</b> |                  | (b) second lumbar vertebra, superior view                                                      | 26        | <b>Figure 26</b> | <b>Right ulna and radius</b>                                                           | <b>38</b> |
|                  | (a) right lateral view                               | 13        |                  | (c) second lumbar vertebra, posterior view                                                     | 27        |                  | (a) articulated right ulna and radius, anterior view                                   | 38        |
|                  | (b) right medial view                                | 13        |                  |                                                                                                |           |                  | (b) articulated right ulna and radius, posterior view                                  | 38        |
| <b>Figure 13</b> | <b>Palatine bone</b>                                 | <b>14</b> |                  |                                                                                                |           |                  | (c) articulated right humerus, ulna, and radius, anterior view                         | 38        |
|                  | (a) right lateral view                               | 14        |                  |                                                                                                |           |                  | (d) articulated right humerus, ulna, and radius, posterior view                        | 38        |
|                  | (b) right posterior view                             | 14        |                  |                                                                                                |           |                  | (e) right ulna, proximal end: anterior, posterior, medial, and lateral views           | 39        |
| <b>Figure 14</b> | <b>Bony orbit</b>                                    | <b>15</b> |                  |                                                                                                |           |                  |                                                                                        |           |
| <b>Figure 15</b> | <b>Nasal cavity, left lateral wall</b>               | <b>16</b> |                  |                                                                                                |           |                  |                                                                                        |           |

|                  |                                |           |
|------------------|--------------------------------|-----------|
| <b>Figure 27</b> | <b>Bones of the right hand</b> | <b>40</b> |
| (a)              | lateral aspect                 | 40        |
| (b)              | dorsal aspect                  | 40        |

|                  |                                         |           |
|------------------|-----------------------------------------|-----------|
| <b>Figure 28</b> | <b>Bones of the male pelvis</b>         | <b>41</b> |
| (a)              | right hip bone, lateral view            | 41        |
| (b)              | right hip bone, medial view             | 41        |
| (c)              | articulated male pelvis, anterior view  | 42        |
| (d)              | articulated male pelvis, posterior view | 43        |

|                  |                              |           |
|------------------|------------------------------|-----------|
| <b>Figure 29</b> | <b>Right femur</b>           | <b>44</b> |
| (a)              | anterior view                | 44        |
| (b)              | posterior view               | 44        |
| (c)              | proximal end, anterior view  | 45        |
| (d)              | proximal end, posterior view | 45        |
| (e)              | proximal end, medial view    | 45        |
| (f)              | distal end, anterior view    | 46        |

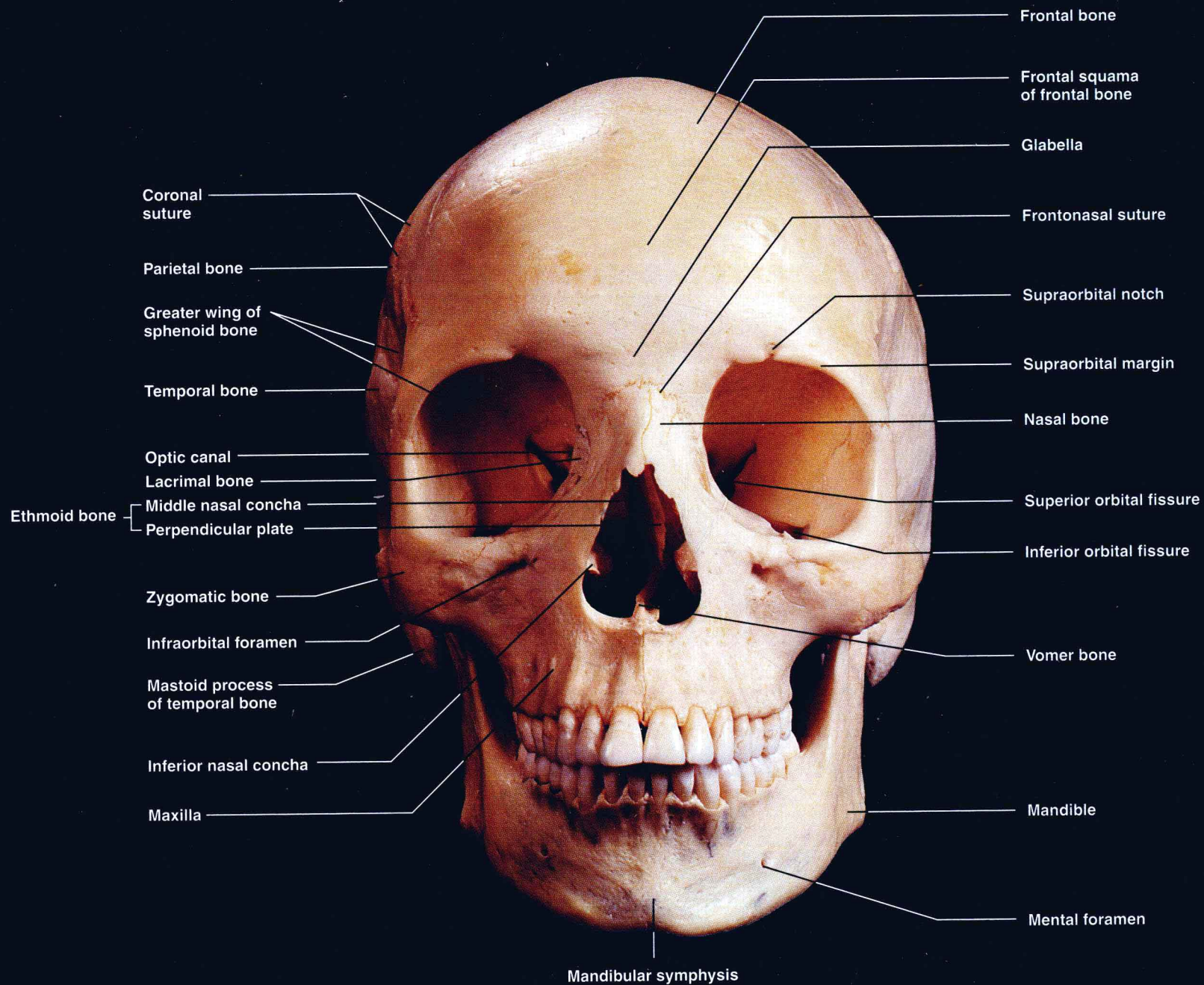
|     |                                                                               |    |
|-----|-------------------------------------------------------------------------------|----|
| (g) | distal end, posterior view                                                    | 46 |
| (h) | articulated right femur and patella, inferior view with knee extended         | 47 |
| (i) | right patella, anterior surface                                               | 47 |
| (j) | articulated right femur and patella, inferior posterior view with knee flexed | 48 |
| (k) | right patella, posterior surface                                              | 48 |

|                  |                                                    |           |
|------------------|----------------------------------------------------|-----------|
| <b>Figure 30</b> | <b>Right tibia and fibula</b>                      | <b>49</b> |
| (a)              | articulated right tibia and fibula, anterior view  | 49        |
| (b)              | articulated right tibia and fibula, posterior view | 49        |
| (c)              | right tibia, proximal end, anterior view           | 50        |
| (d)              | right tibia, proximal end, posterior view          | 50        |
| (e)              | right tibia, proximal end, articular surface       | 51        |

|     |                                                                  |    |
|-----|------------------------------------------------------------------|----|
| (f) | articulated right tibia and fibula, proximal end, posterior view | 51 |
| (g) | articulated right tibia and fibula, distal end, posterior view   | 51 |
| (h) | right fibula, proximal end, anterior view                        | 52 |
| (i) | right fibula, proximal end, posteromedial view                   | 52 |
| (j) | right fibula, proximal end, medial view                          | 52 |

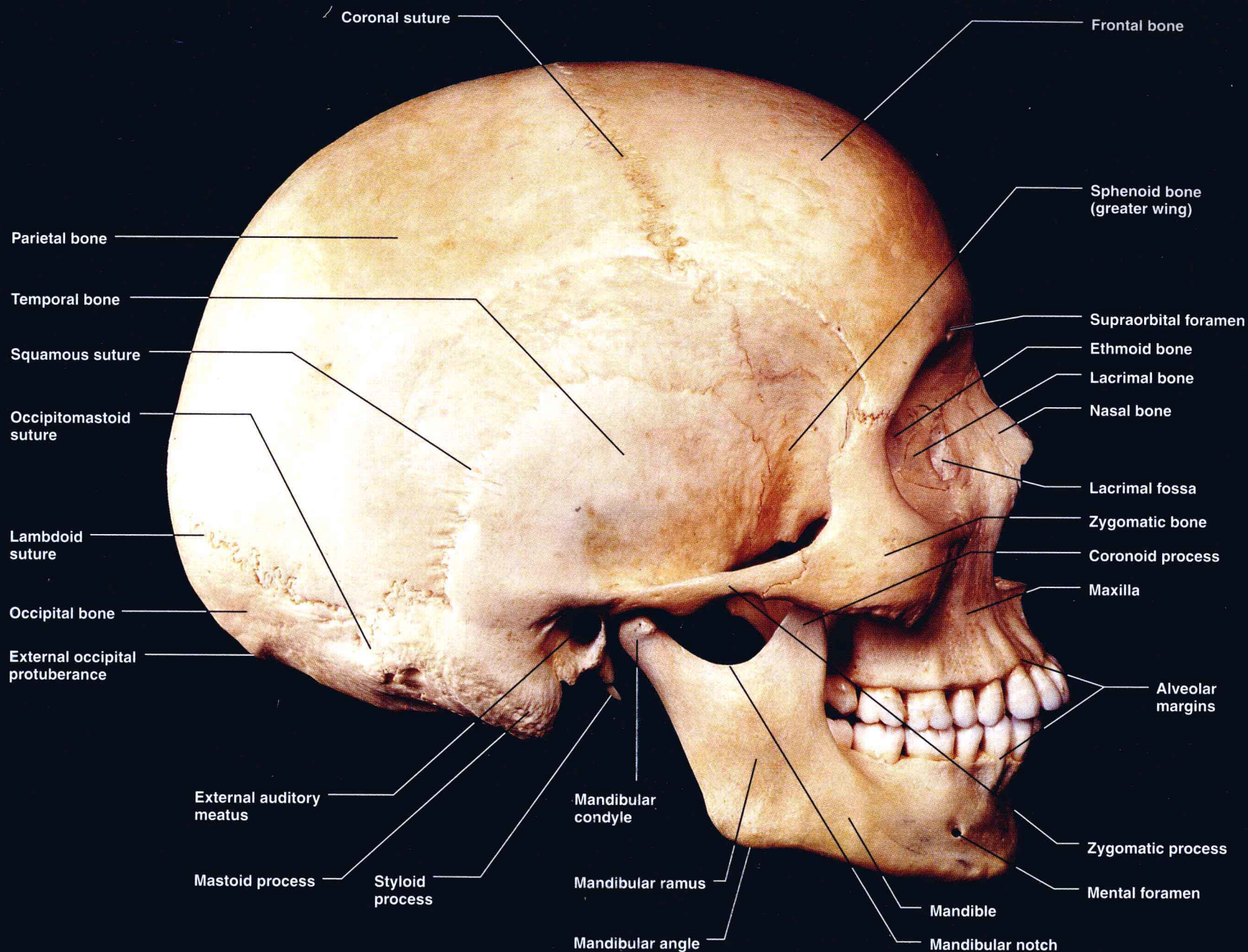
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|------------------|------------------------------------------|-----------|
| <b>Figure 31</b> | <b>Bones of the right ankle and foot</b> | <b>53</b> |
| (a)              | superior surface                         | 53        |
| (b)              | inferior (plantar) surface               | 53        |
| (c)              | medial view                              | 54        |
| (d)              | lateral view                             | 54        |
| (e)              | right calcaneus, superior aspect         | 55        |
| (f)              | right calcaneus, posterior aspect        | 55        |
| (g)              | right talus, inferior view               | 55        |





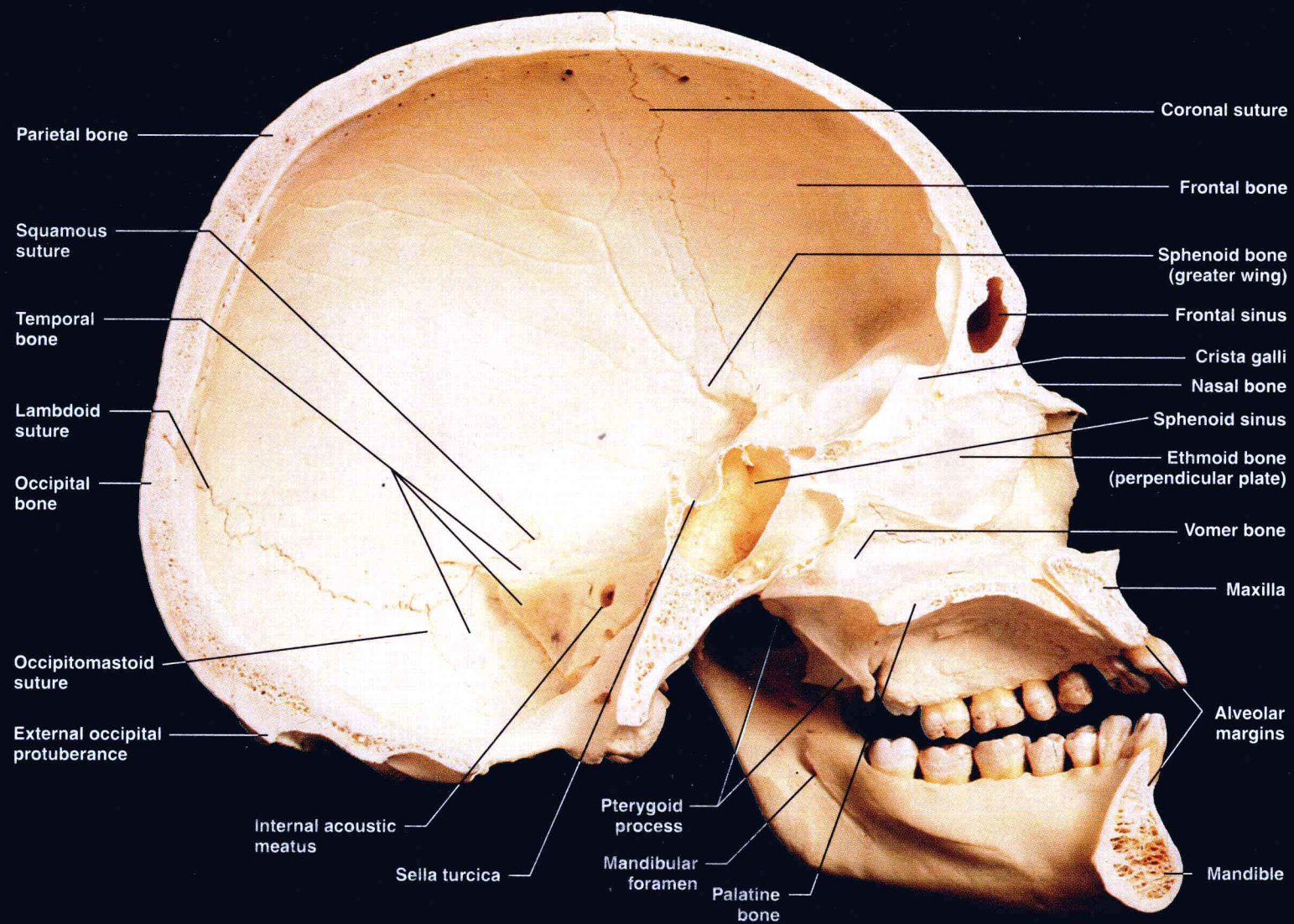
**Figure 1** Skull, anterior view.





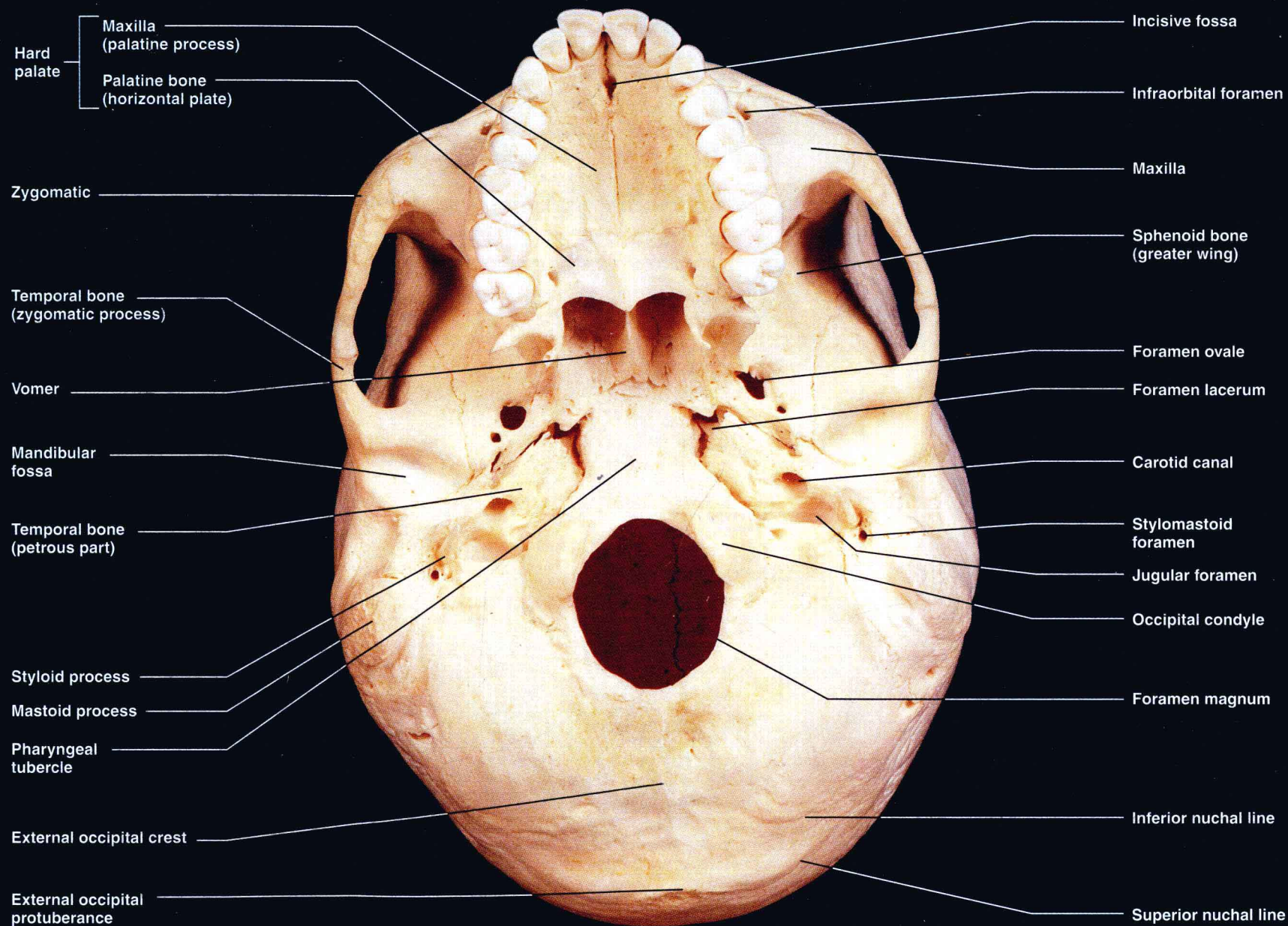
**Figure 2** Skull, right external view of lateral surface.



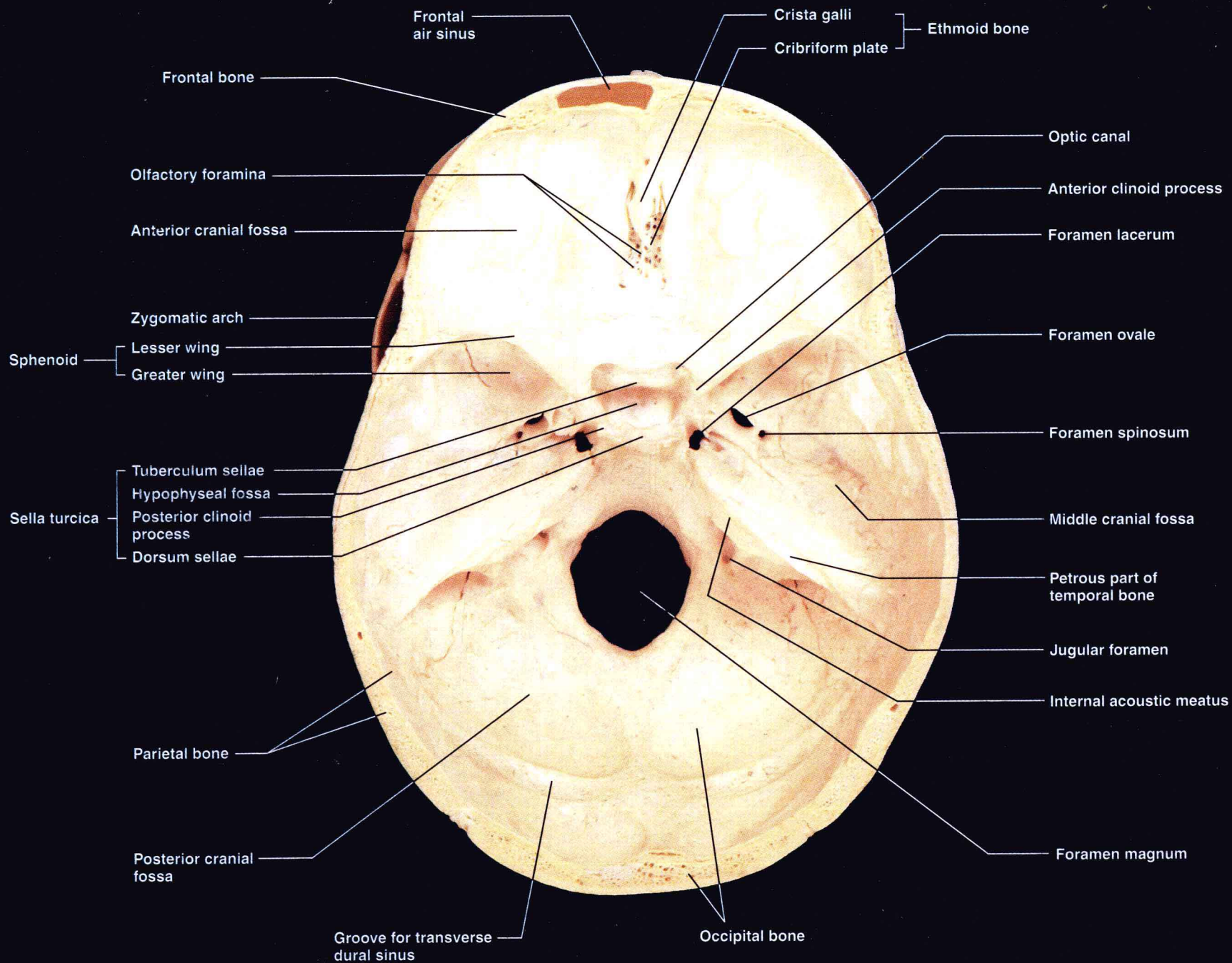


**Figure 3** Skull, internal view of left lateral aspect.



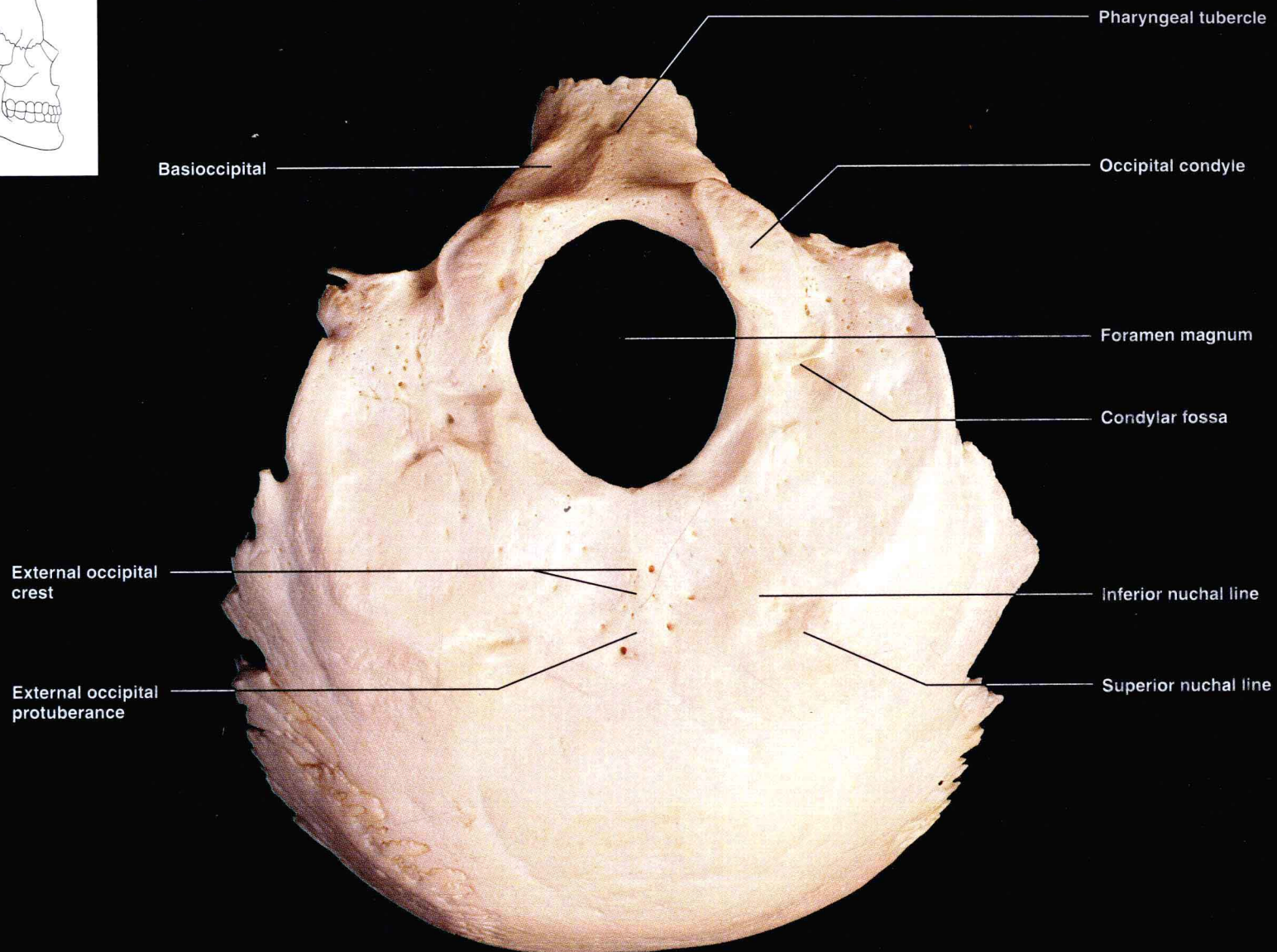
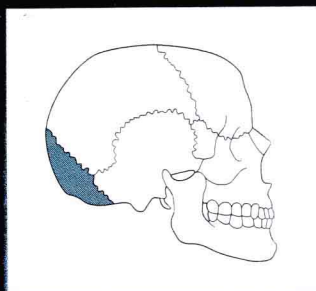


**Figure 4** Skull, external view of base.

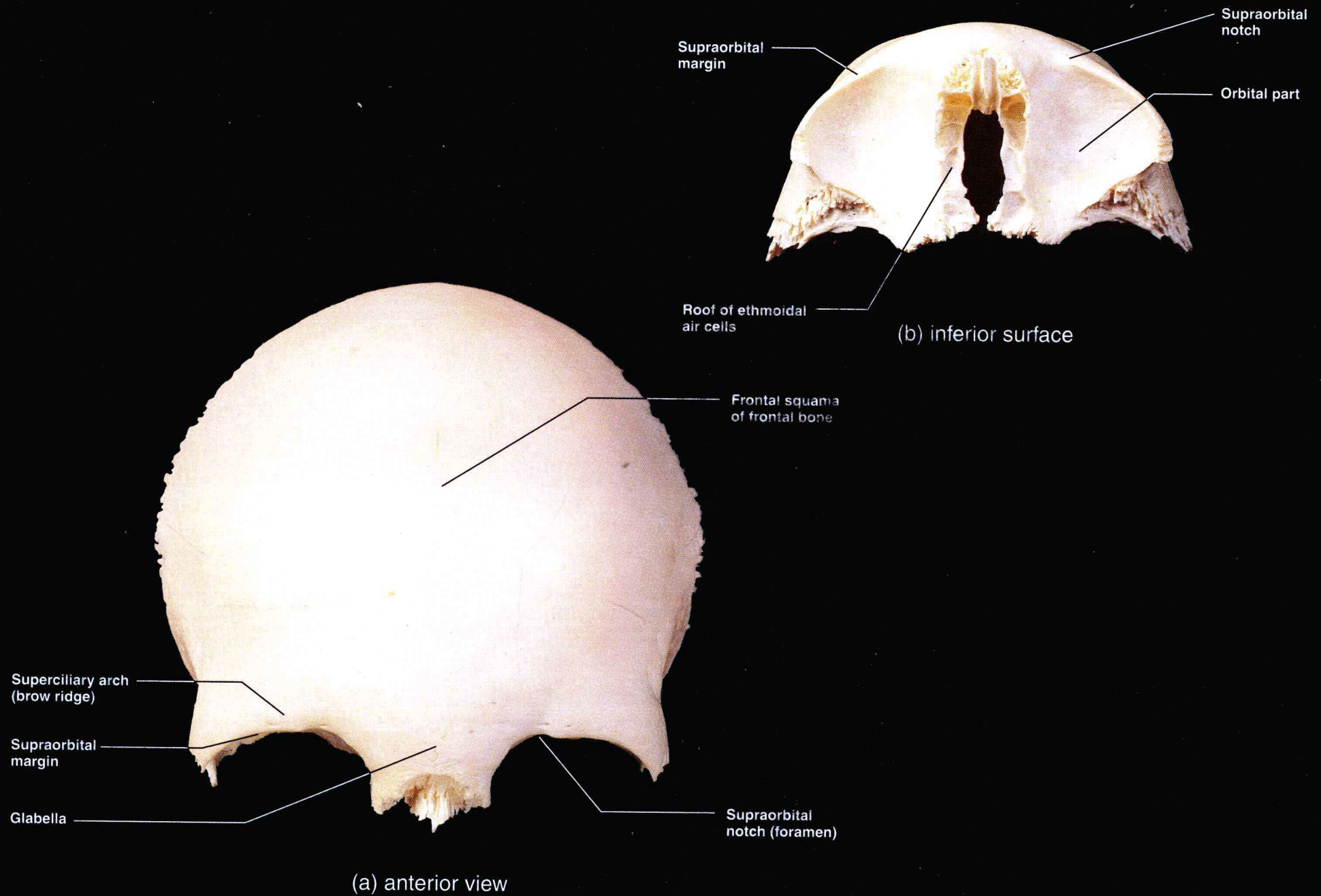


**Figure 5** Skull, internal view of base.



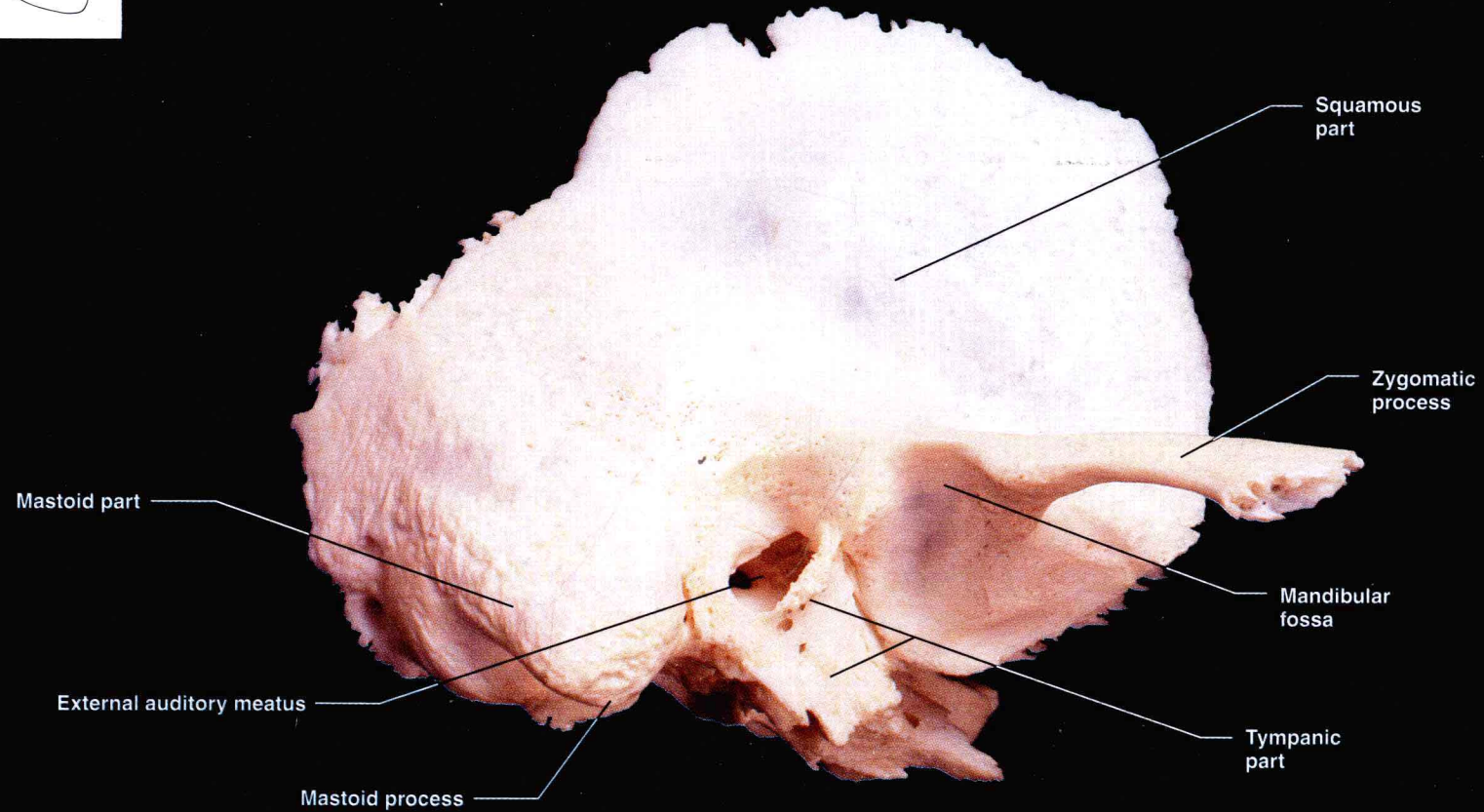
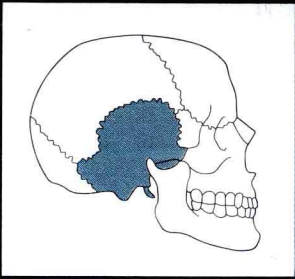


**Figure 6** Occipital bone, inferior external view.

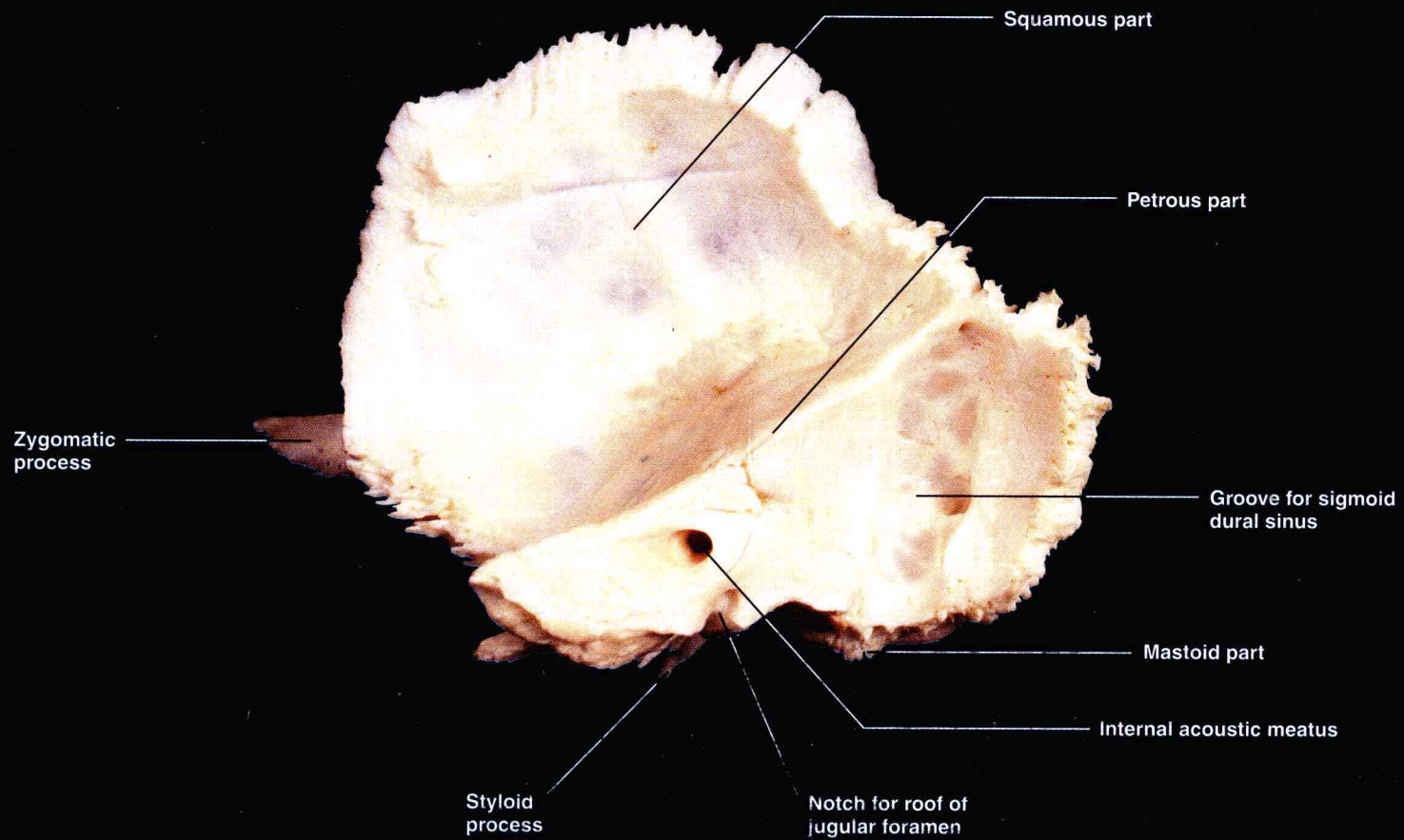


**Figure 7** Frontal bone.





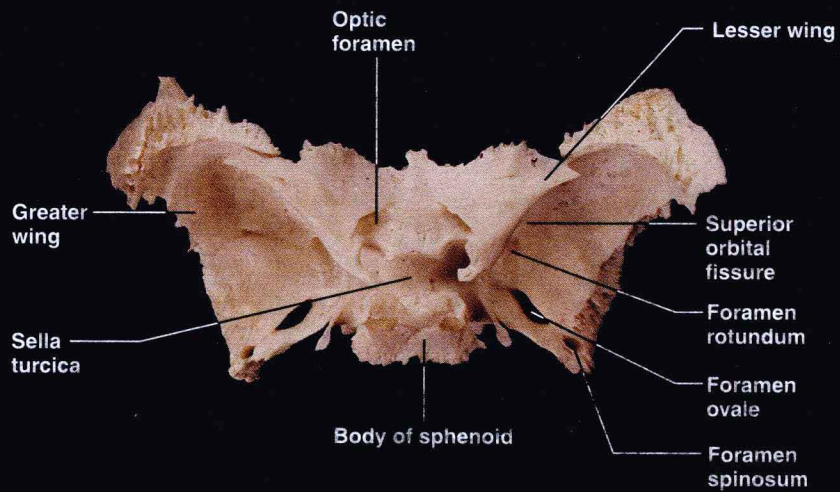
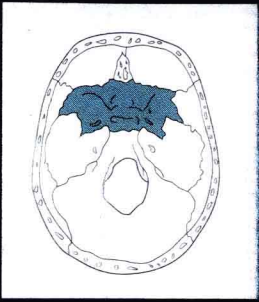
(a) right lateral surface



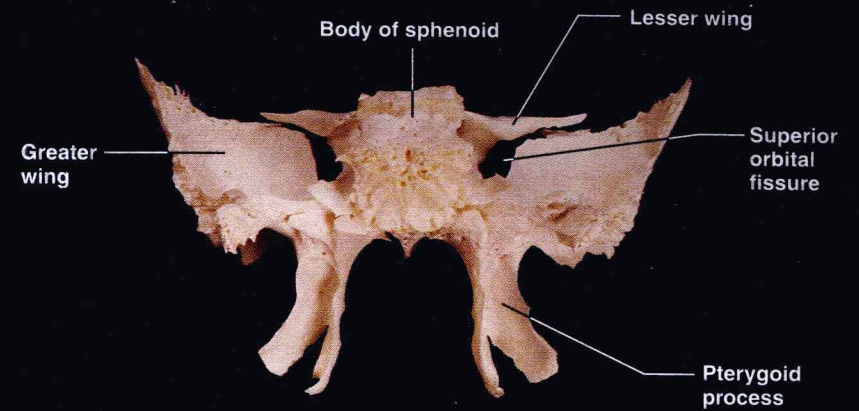
(b) right medial view

**Figure 8** Temporal bone.

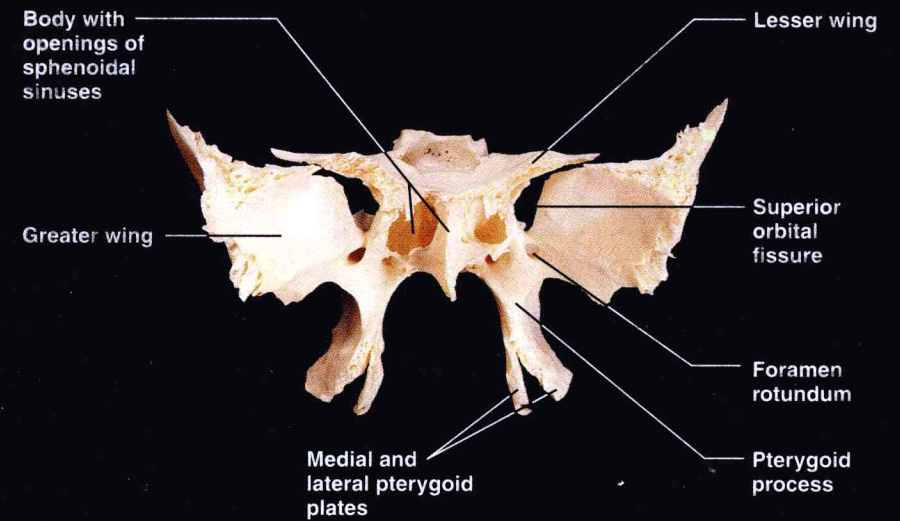




(a) superior view

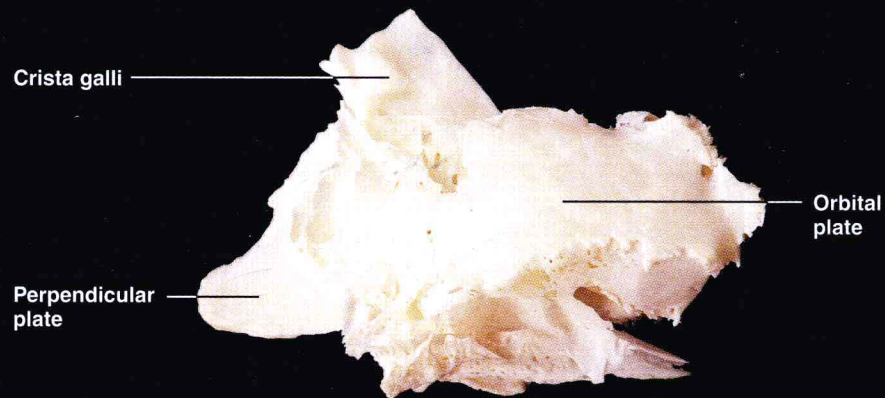
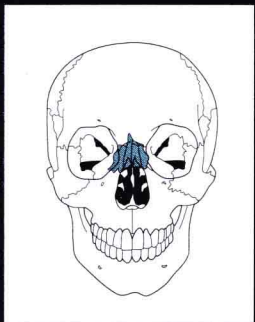


(b) posterior view

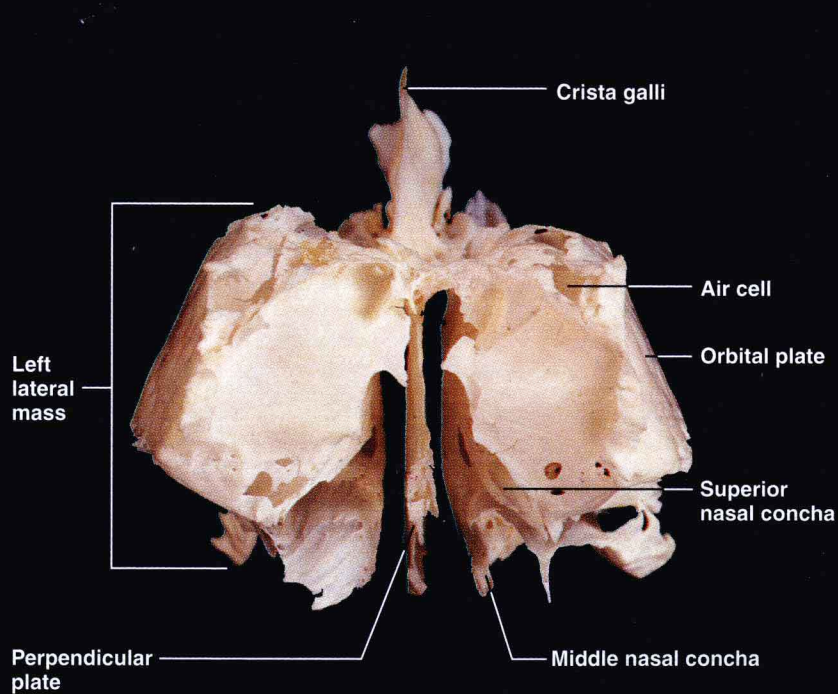


(c) anterior view

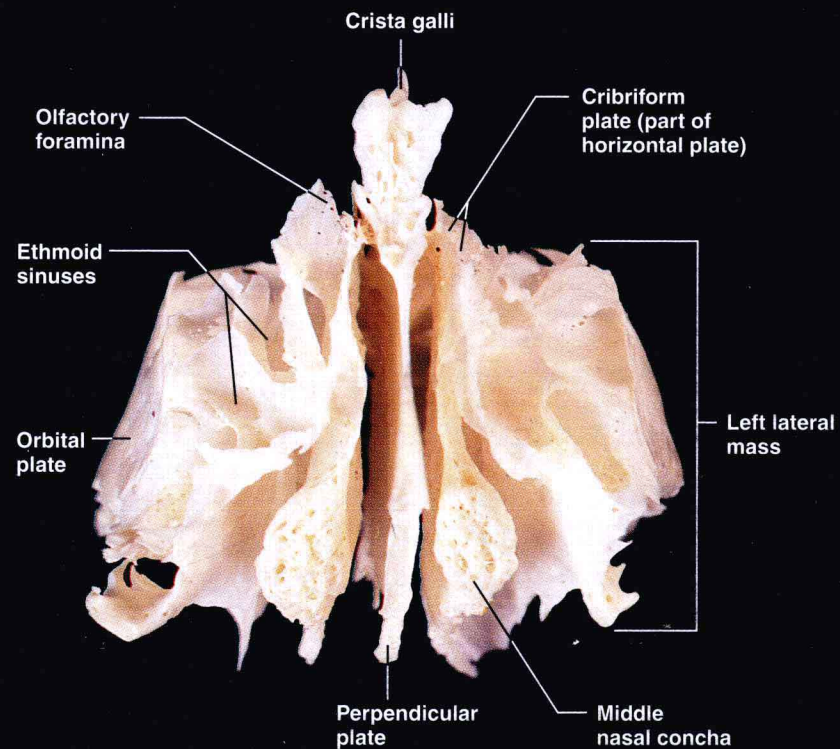
**Figure 9** Sphenoid bone.



(a) left lateral surface



(b) posterior view



(c) anterior view

**Figure 10** Ethmoid bone.