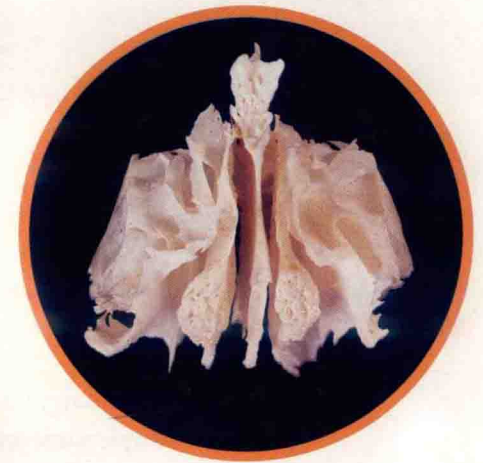


A Brief Atlas of the

Human Body

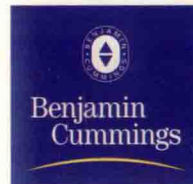


A Brief Atlas of the Human Body



Matt Hutchinson
Jon Mallatt
Elaine N. Marieb

Photographs by Ralph T. Hutchings



SAN FRANCISCO BOSTON NEW YORK
CAPE TOWN HONG KONG LONDON MADRID MEXICO CITY
MONTREAL MUNICH PARIS SINGAPORE SYDNEY TOKYO TORONTO

Publisher: Daryl Fox
Managing Editor, Editorial: Kay Ueno
Managing Editor, Production: Wendy Earl
Production Manager: Janet Vail
Production Editor/Photo Coordinator: Kelly Murphy
Photographer: Ralph T. Hutchings*
Cover and Front Matter Designer: Lillian Carr
Compositor: Precision Graphics

*Figure 46 from *The Bassett Atlas of Human Anatomy* by Robert A. Chase, ©1989, The Benjamin/Cummings Publishing Company, Inc.
Figure 53a photographed by John Martinek, Kirkwood Community College.

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ISBN 0-8053-5336-4
1 2 3 4 5 6 7 8 9 10—VHP—06 05 04 03
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Preface

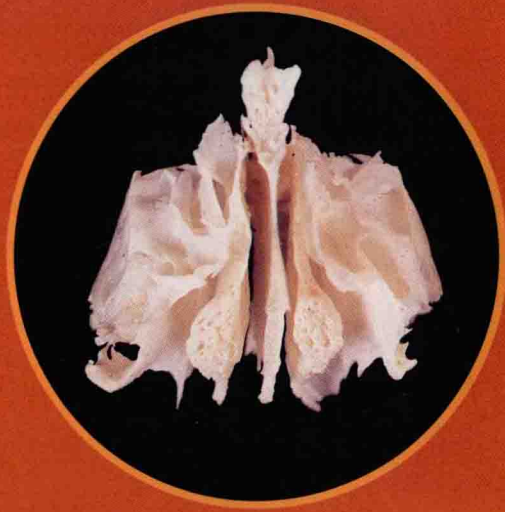
A Brief Atlas of the Human Body evolved from a joint inspiration of Elaine N. Marieb and Benjamin Cummings Publisher Daryl Fox: *The Atlas of the Human Skeleton*, which was packaged with *Human Anatomy & Physiology*, Fifth Edition, and *Human Anatomy*, Third Edition, upon their publication in 2000. The full-color views of the human skeleton in that atlas provided students with a degree of clarity and scale that could never be achieved within a textbook alone.

Building upon our original vision, this new atlas features 47 soft tissue images, in addition to the 104 bone images featured in the *Atlas of the Human Skeleton*. Elaine Marieb chose the soft tissue views. 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. References to related atlas images herein can be found in the illustration figure legends of both the anatomy and the anatomy & physiology textbooks.

Ralph T. Hutchings, formerly with The Royal College of Surgeons of England, photographed each of the bone structures found in this book, and most of the soft tissue images. 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 grateful to John Martinek of Kirkwood Community College, who contributed his excellent photograph of the internal surface of the stomach (Figure 53a).

We are hopeful that *A Brief Atlas of the Human Body* proves to be as relevant to students and instructors as its predecessor. Benjamin Cummings would welcome your comments and suggestions, which may be sent to the following address:

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APPLIED SCIENCES
BENJAMIN CUMMINGS
1301 SANSOME STREET
SAN FRANCISCO, CA 94111



Part I

Bones of the Human Skeleton

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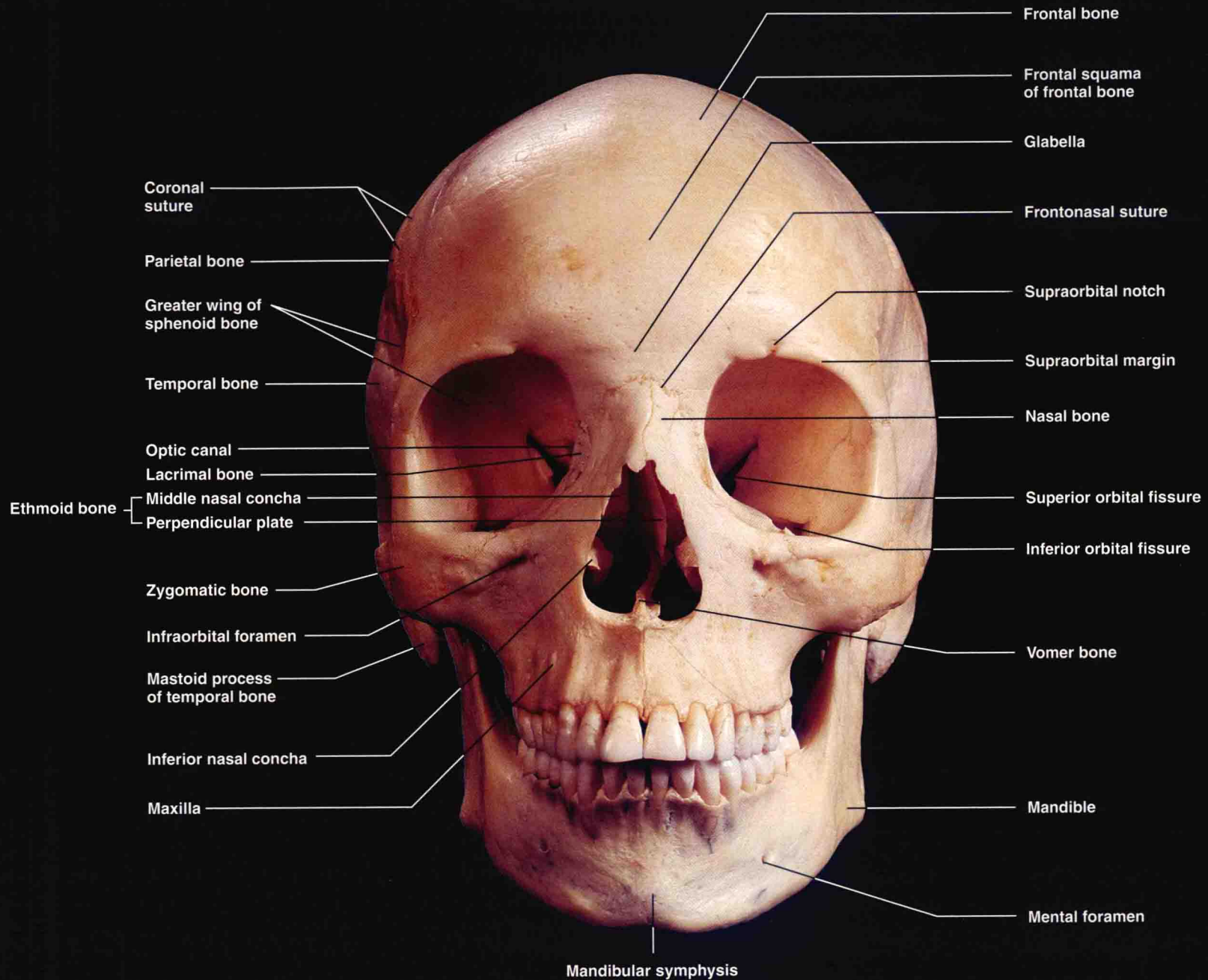


Figure 1 Skull, anterior view.

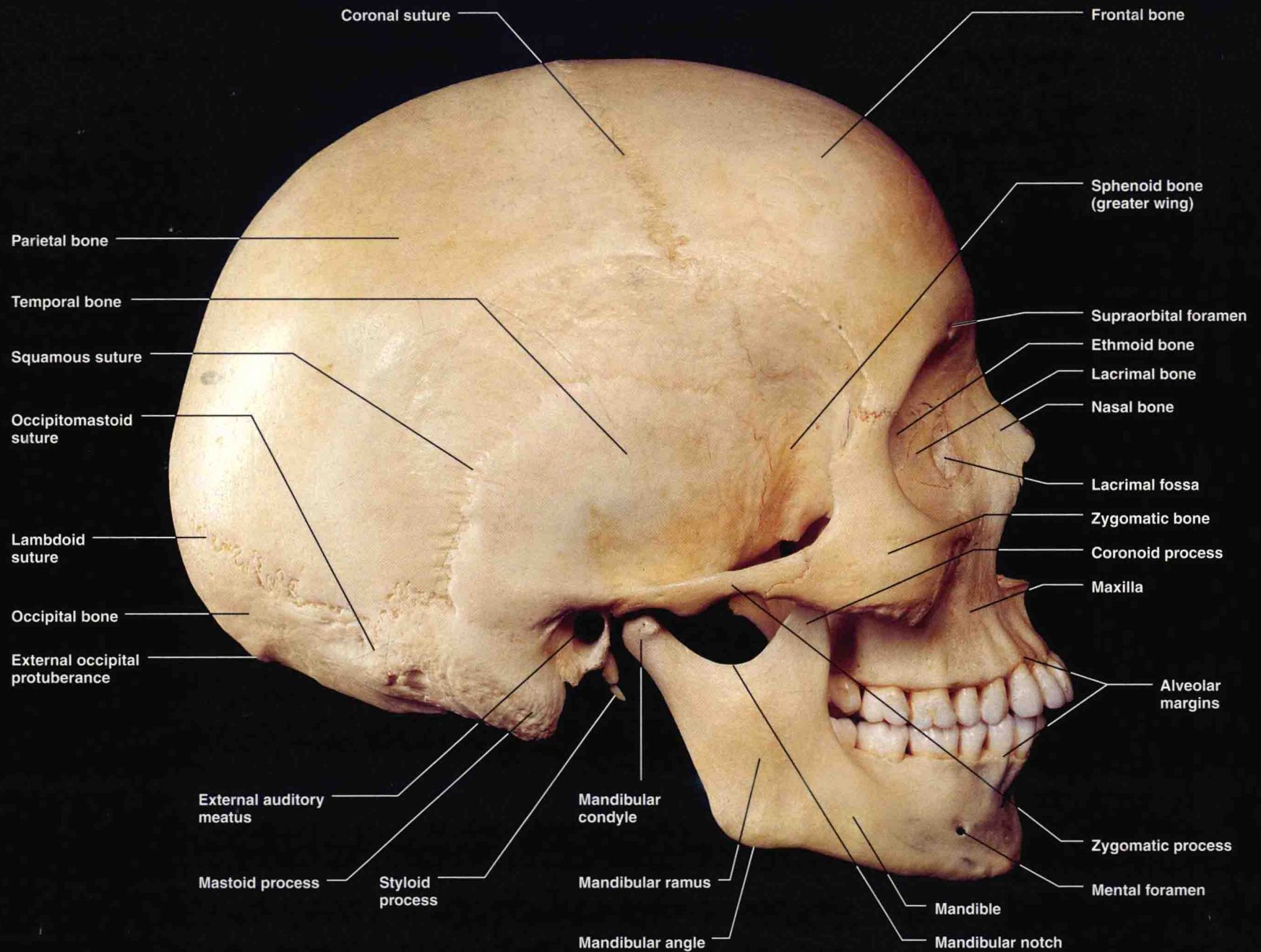
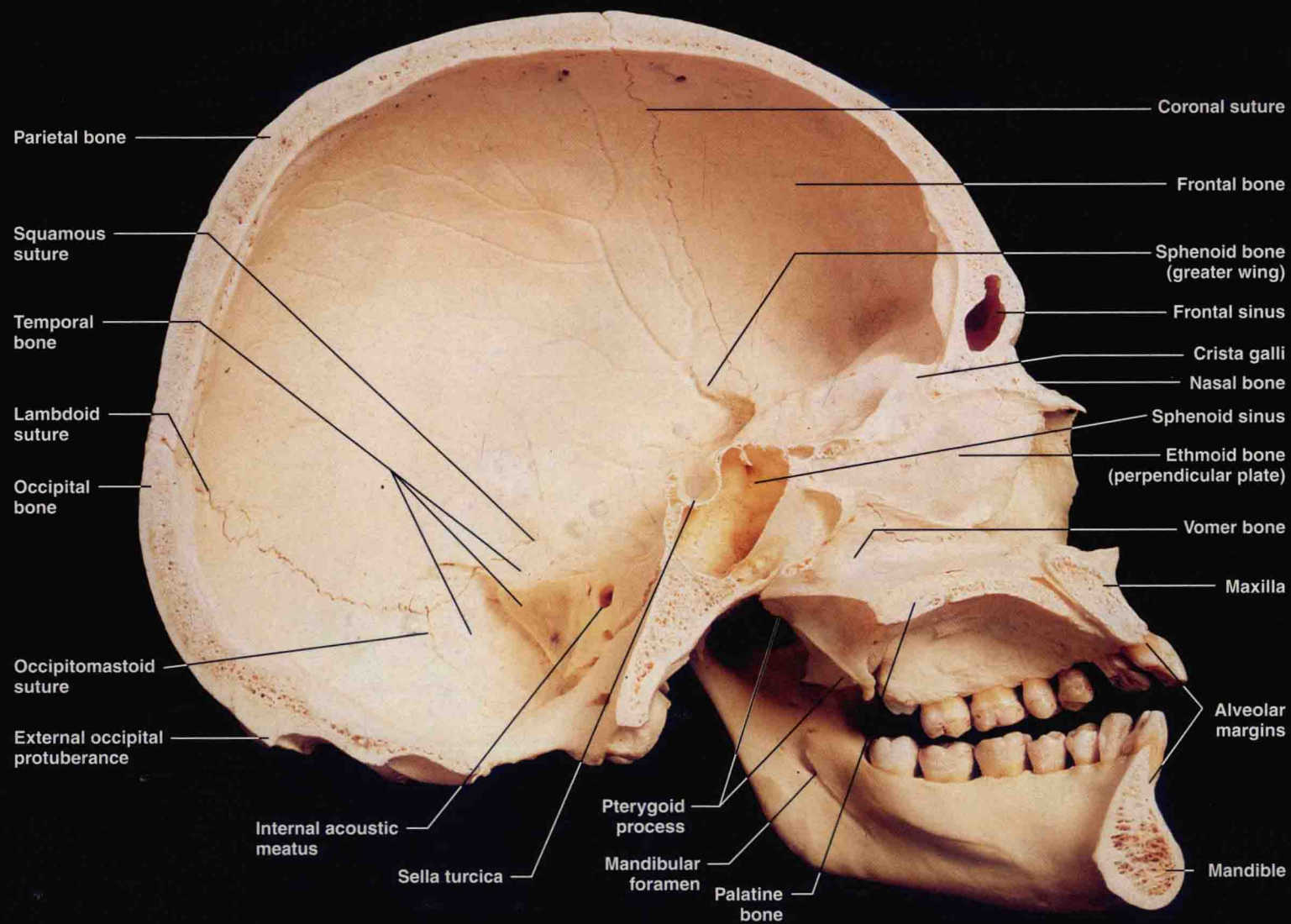


Figure 2 Skull, right external view of lateral surface.



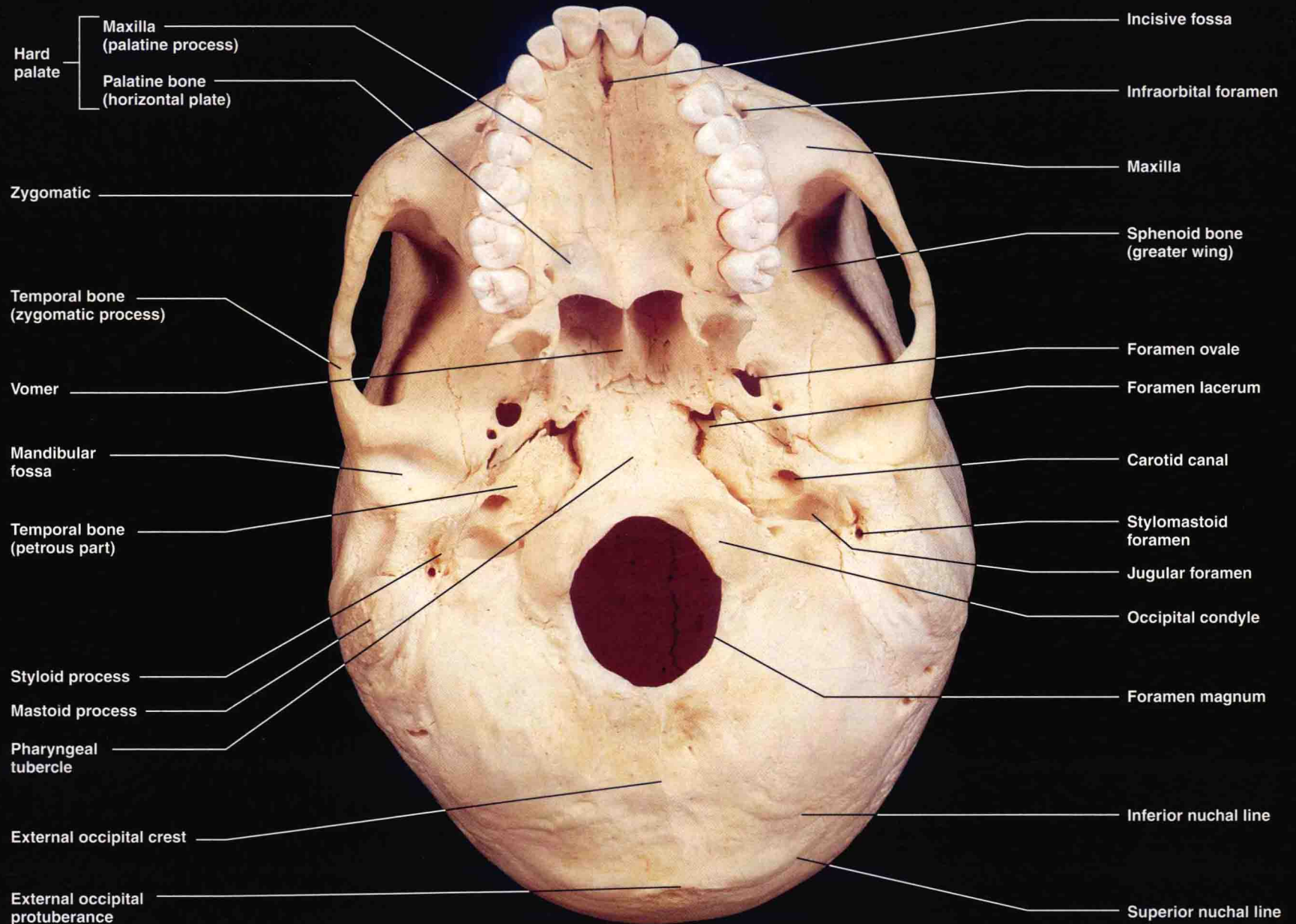


Figure 4 Skull, external view of base.

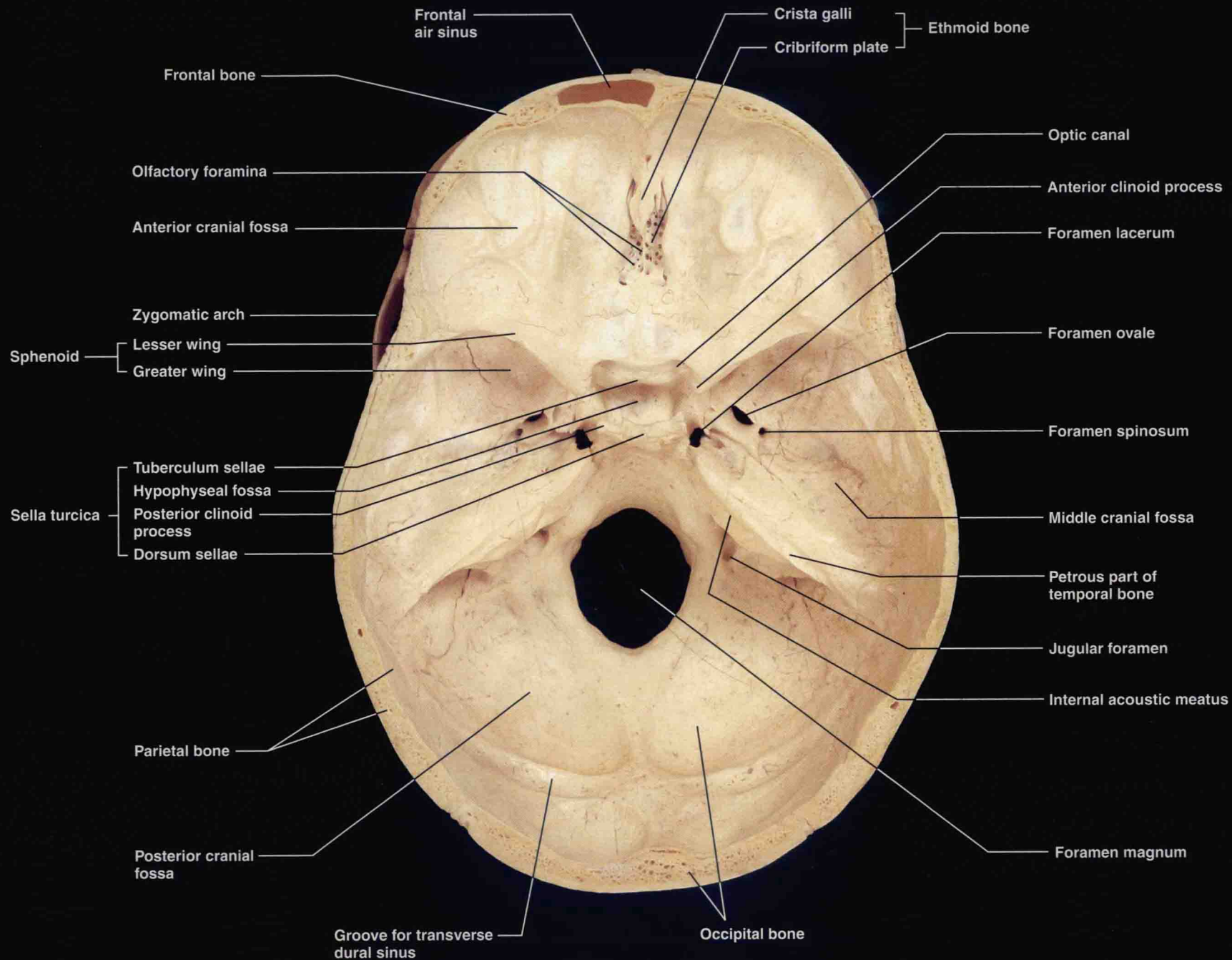


Figure 5 Skull, internal view of base.

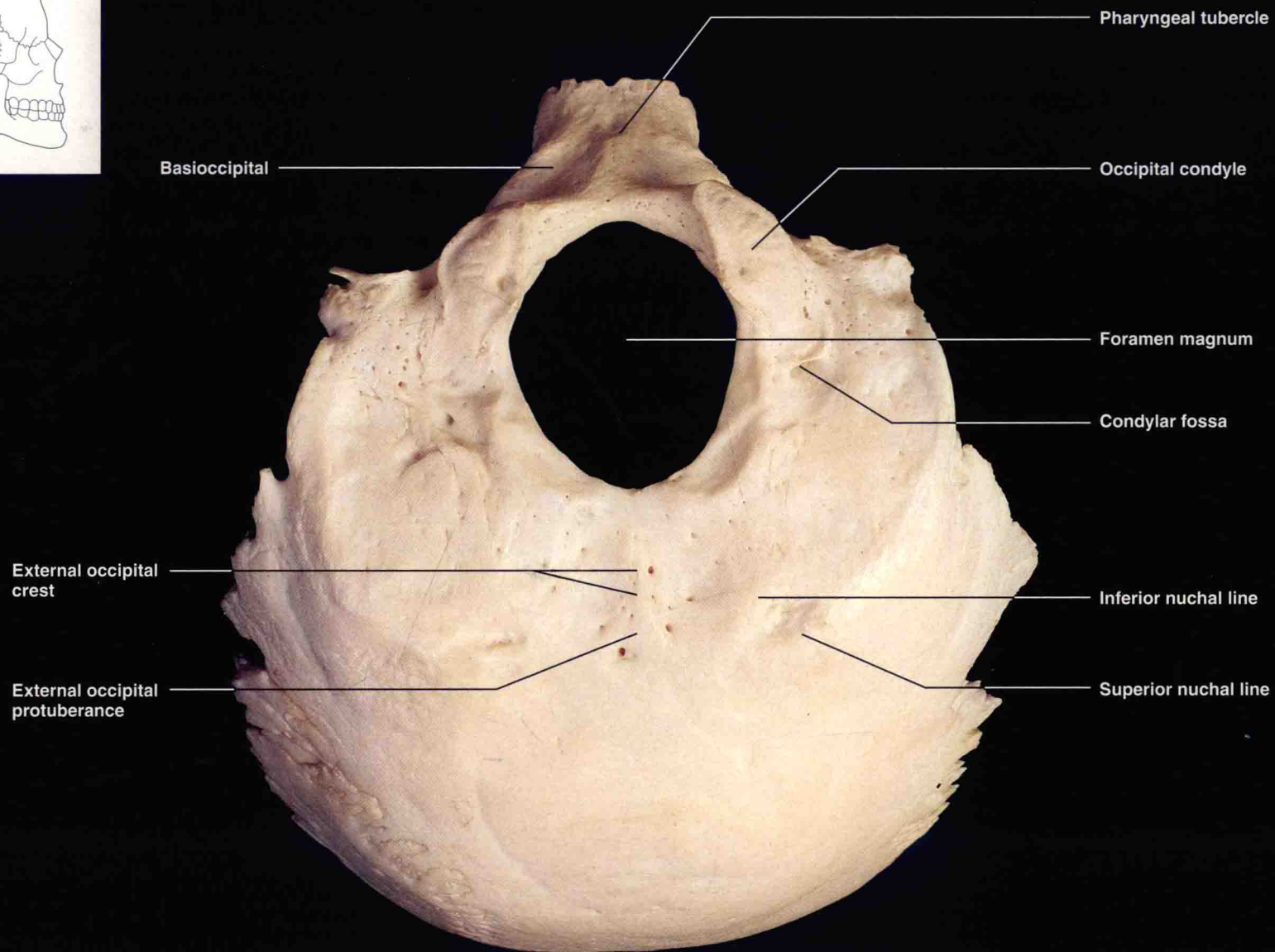
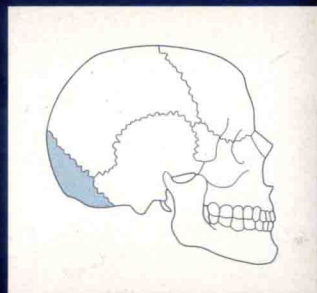


Figure 6 Occipital bone, inferior external view.

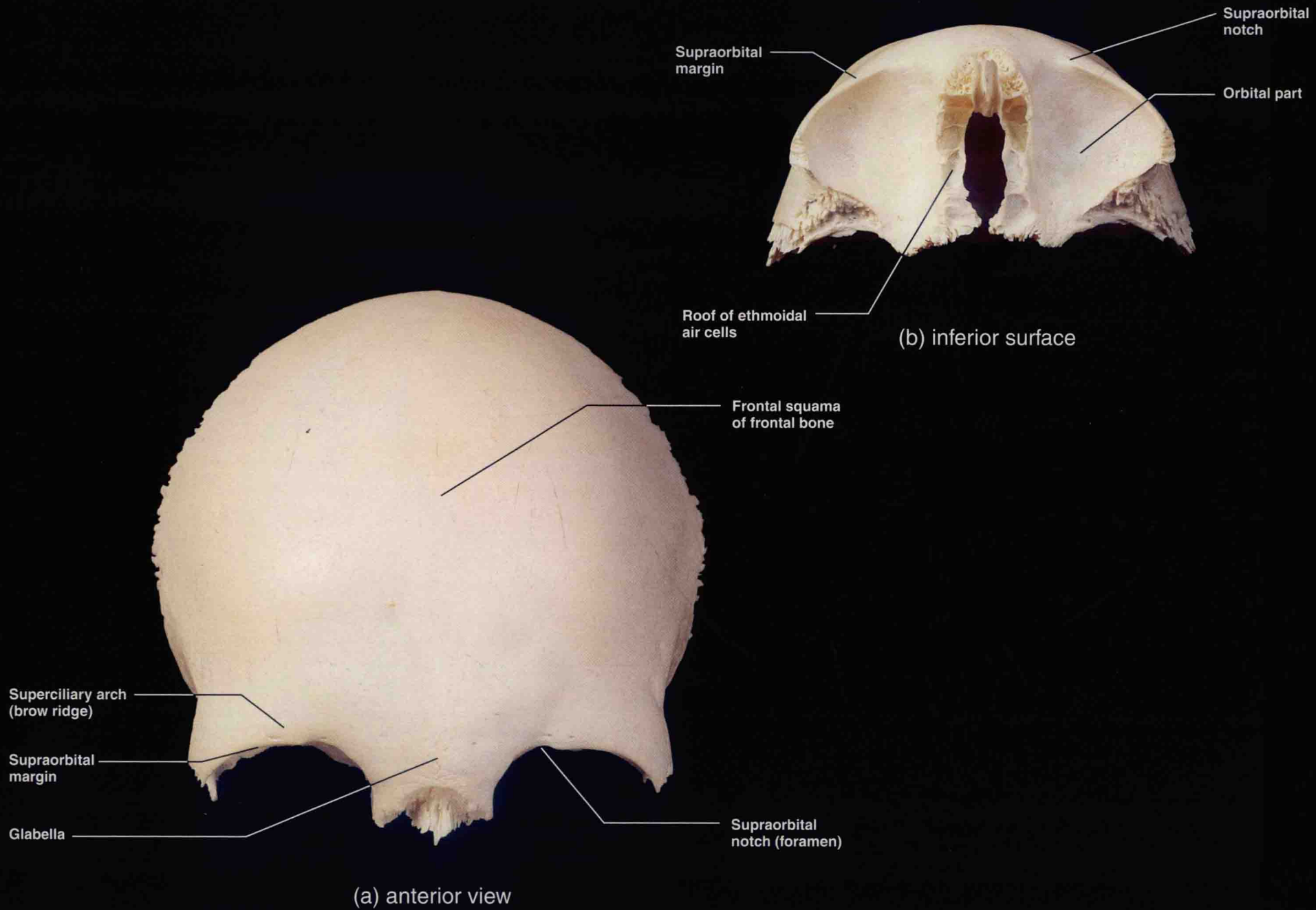
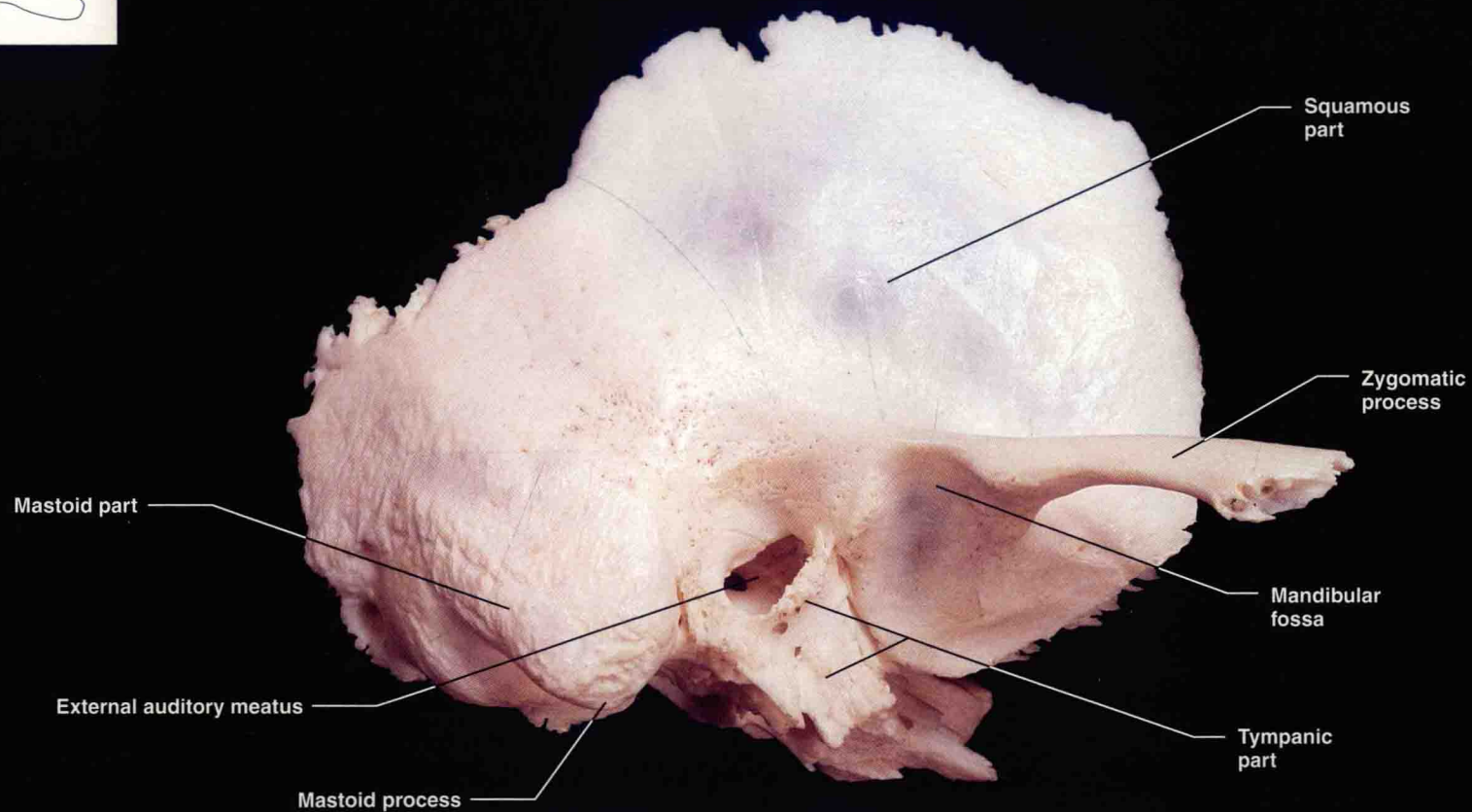
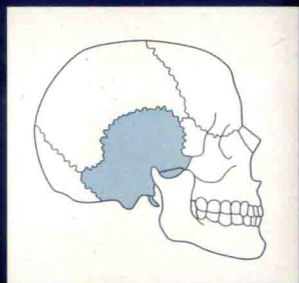
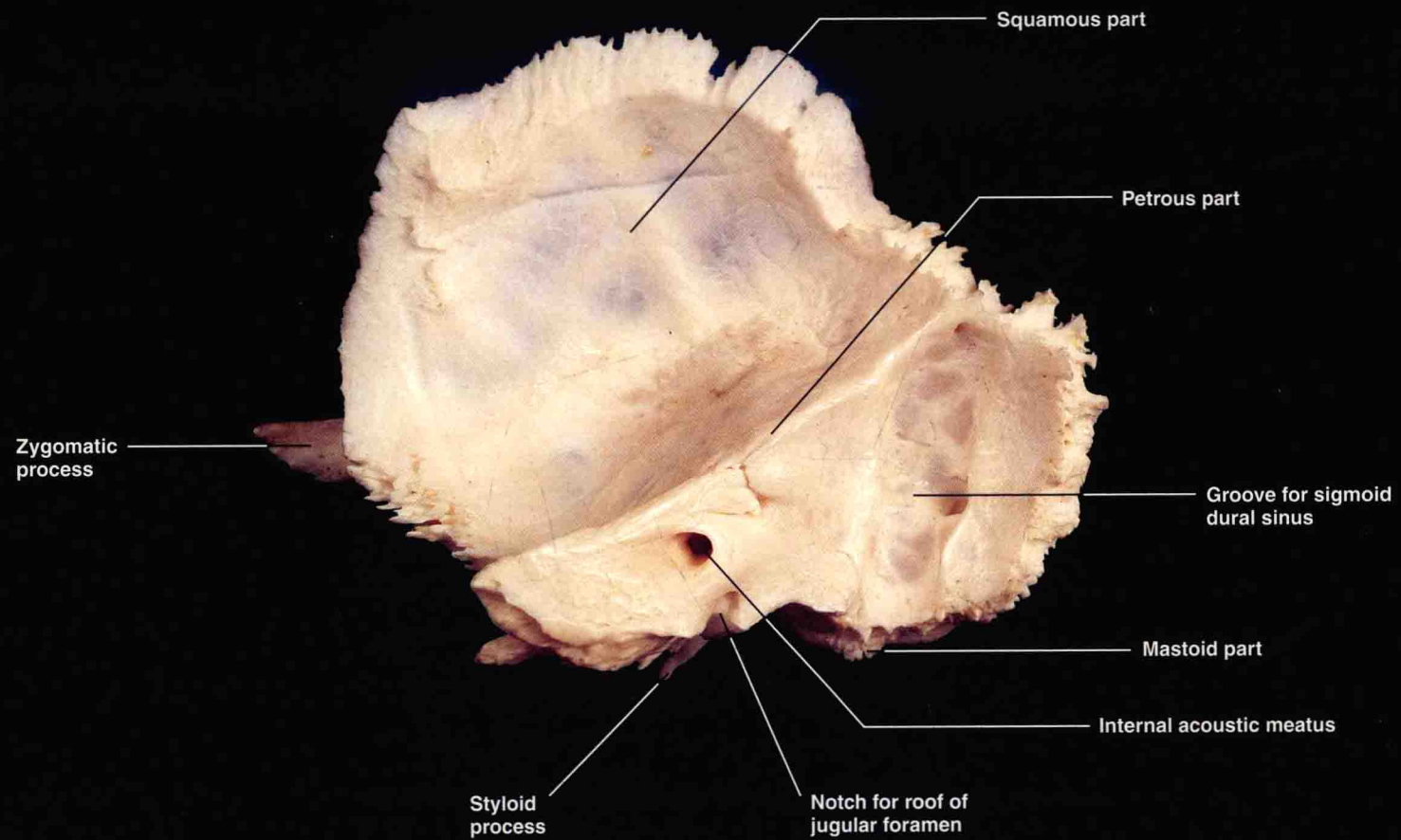


Figure 7 Frontal bone.



(a) right lateral surface



(b) right medial view