VERTICAL TRANSVERSE BILATERAL, SECTION No. 1

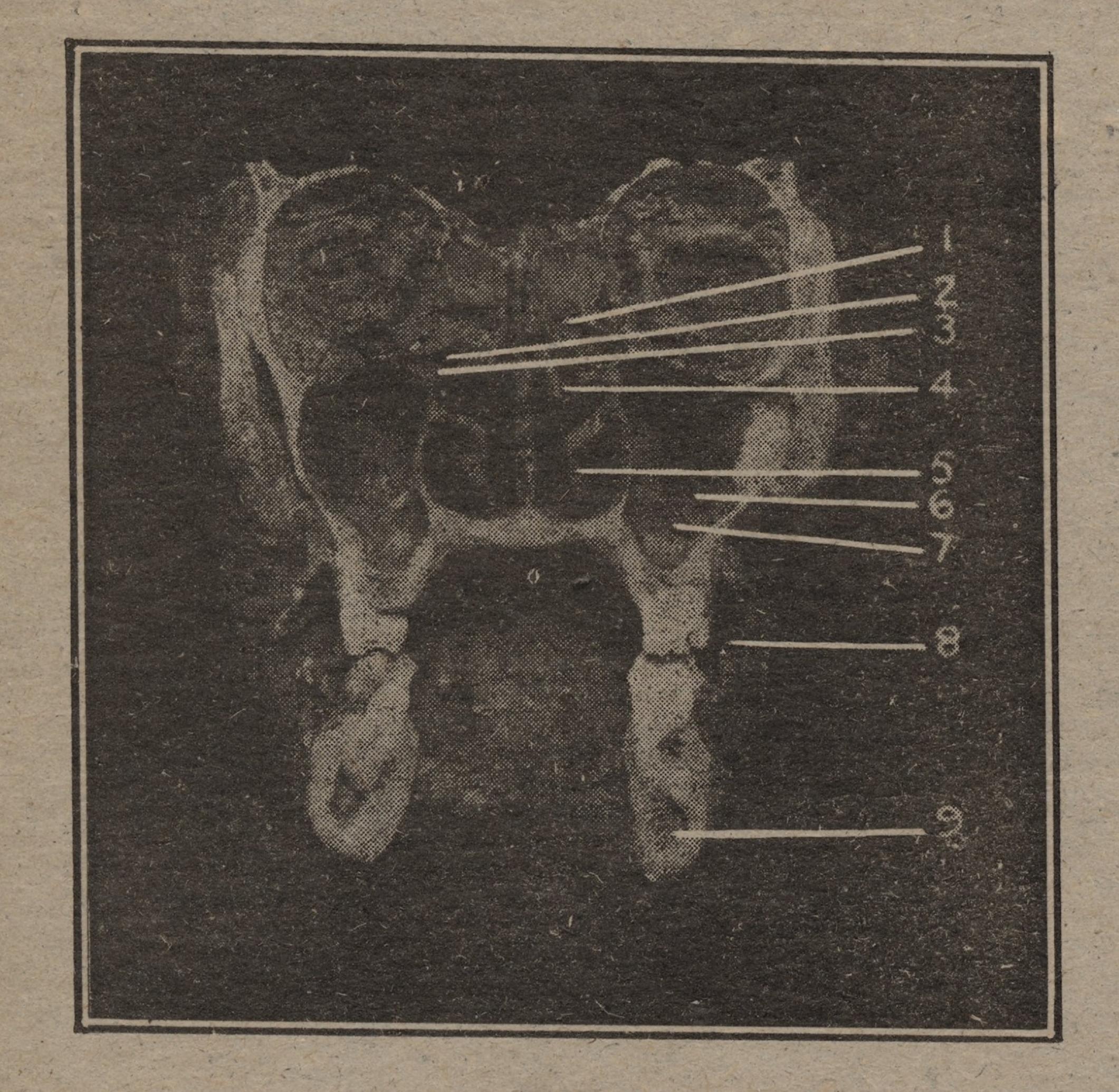
Anterior view of a vertical transverse bilaterial section of the head, through the anterior portion of the orbit, the maxillary sinus, and the first molar teeth, dividing the eye just in front of the crystalline lens. In the upper portion of the nasal cavities are seen the middle ethmoidal cells. About the centre of the floor of the orbit and the roof of the sinus, which is very thin in this case, will be found the infraorbital canal as commonly described, and below in the nearly pyramidal cavity of the maxillary sinus, a partial septum crossing transversely from the inner to the outer wall.

In the lower angle of the left sinus can be seen the anterior buccal root of the second molar, and on the inner wall a portion of the palatal root of the first molar. The palatal root of the right first molar is easily seen passing

Well up in the inner walls of the sinus. The septum in the centre is unusually straight.

On each side of the septum, at the upper attachment, is the roof of the nasal chamber. Running down on either side a little distance from this are the middle turbinate bones, the scroll-shaped bones below, and, hanging from the outer wall, the inferior turbinates. The superior turbinates cannot be seen in a section cut in this region, as they are situated further back in the skull. For further description see diagram.

The figures indicate—



- 1—Anterior Ethmoidal Cells
- 2-Hiatus Semilunaris
- 3-Unciform Process
- 4-Middle Turbinated Bone
- 5-Inferior Turbinated Bone
- 6-Maxillary Sinus
- 7—Incomplete Septum
- 8—Vestibule of the Mouth
- 9-Inferior Dental Nerve

Copyrighted by Dr. M. H. Cryer, 1909

IMPERIAL PUBLISHING COMPANY

NEWYORK

