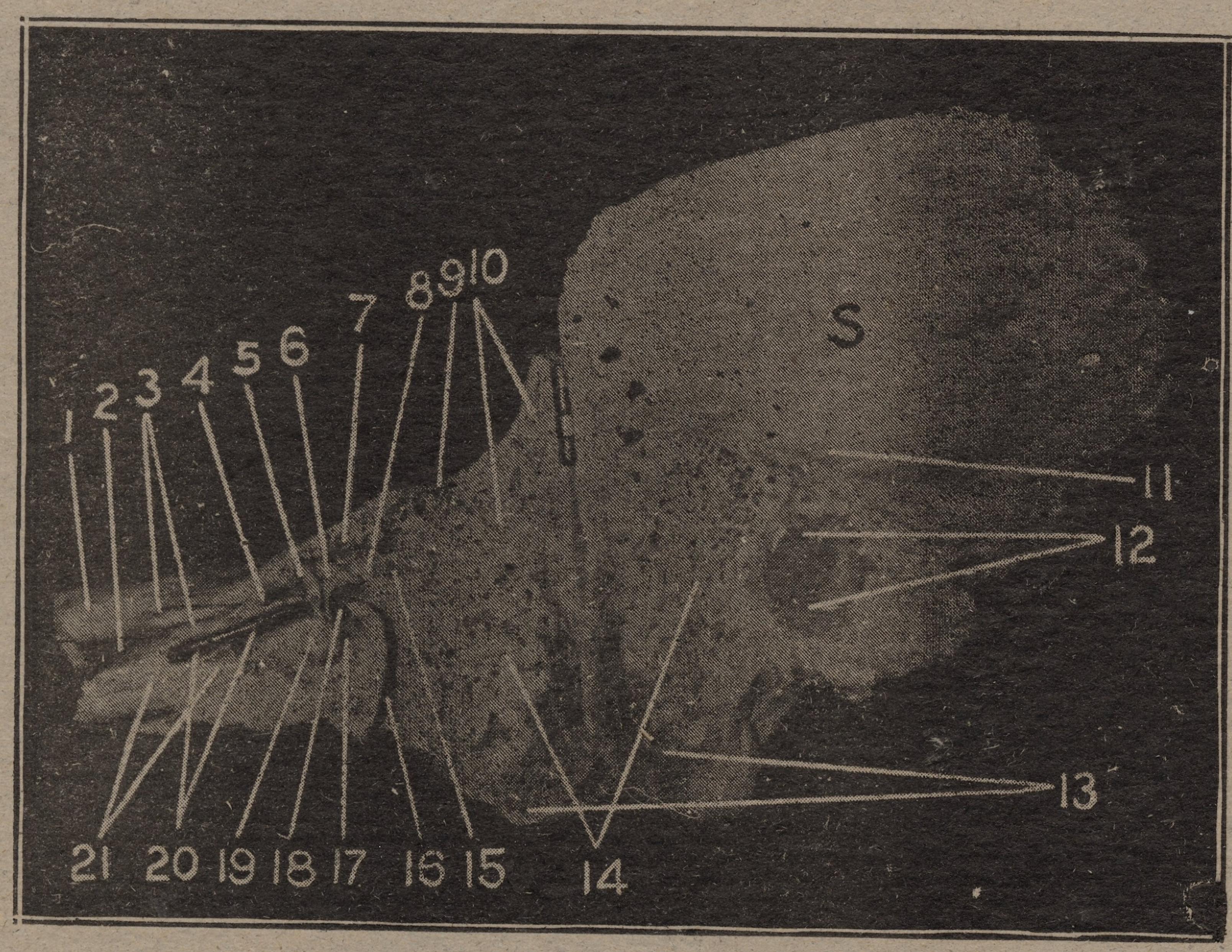
TRANSVERSE SECTION THROUGH ANNULAR RING AND MASTOID ANTRUM AND PROCESS

This temporal bone has been cut in this locality in order to demonstrate the relation of the eustachian tube, ossicular chain, facial nerve, aditus, mastoid antrum and mastoid cells to tympanic cavity.

This specimen shows the numerous mastoid cells that may be present in the average mastoic process. These cells are encased in a rather thin cortex. The tensor tympanic muscle is well illustrated. The bony covering of the processus cochleariformis is removed, exposing the muscle it whole length. The tympanic tegmen presents on its tympanic surface a number of cell spaces. Two small recesses are within these cells for the reception of the head of the malleus and body of the incus. This bone gives the general temporal anatomy.

The figures indicate—



- 1—Petrous Tip 2—Carotid Canal
- 3—Greater and Lesser Superficial Petrosal Nerve
- 4—Anterior Tympanic Facial Foramen
- 5—Malleus
- 6—Incus
- 7—Tympanic Tegmen
- 8-Prom. for External Semi-Circular Canal
- 9-Antral Tegmen
- 10-Squamous Cells
- 11-Floor of Middle Cerebral Fossa
- 12-Annular Ring (Drum Attached)
- 13—Mastoid Tip
- 14—Mastoid Cells
- 15-Mastoid Antrum Floor
- 16—Descending Portion of Facial Nerve
- 17—Round Window
- 18—Stapes
- 19-Promontory
- 20-Tensor Tympani Muscle
- 21—Eustachian Tube

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