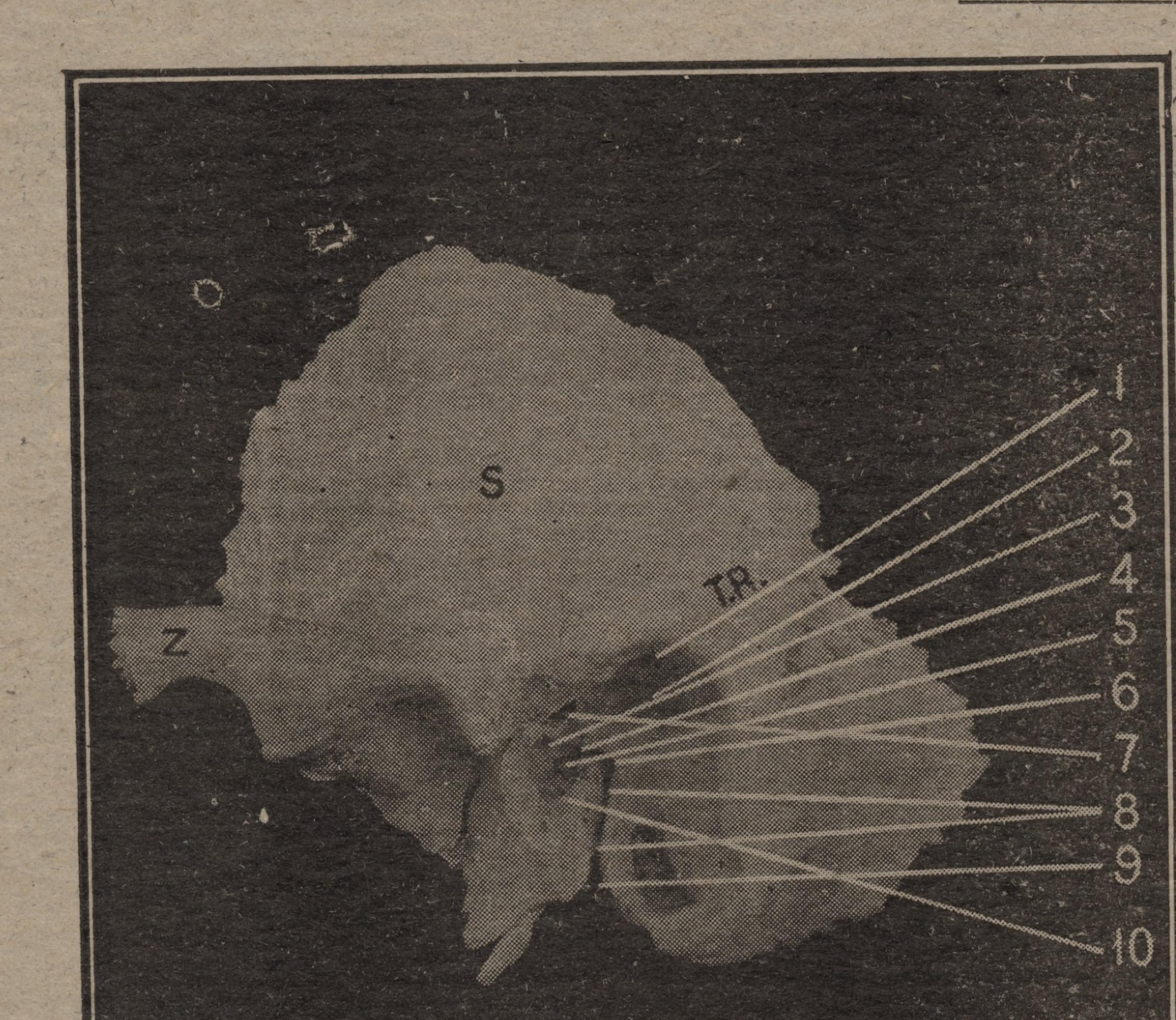
IMPERIAL STEREOSCOPIC ANATOMY OF THE HEAD AND NECK

COURSE OF THE DESCENDING AND TRANSVERSE FACIAL CANAL

In this specimen the entire posterior osseous wall of the auditory canal has been removed down to the external bony covering of the facial canal (16 m.m.) The bony covering of the descending portion of the nerve canal has been drilled into throughout its entire course, beginning at the stylo mastoid foramen and through the fallopian canal, exposing it completely. The mastoid cells have been ablated in order to show the facial relation as regards depth from external surface (16 to 18 m.m.). The descending portion (15 m.m. long) runs perpendicular to and hugs the auditory meatus. The facial elbow is well shown. At this point (or the beginning of the fallopian canal) the nerve turns anteriorly, almost horizontally, passing across the posterior superior portion of the tympanic wall, a distance of 8 m.m. Only a thin lamina of bone (a fraction of a m.m. in thickness) separates the nerve from the upper boundary of the oval window.



The figures indicate-

1—Trephine Opening, through Antral Tegmen
2—Mastoid Antrum (Floor)
3—Ant. Tympanic. Facial Foramen
4—Transverse Facial Canal
5—Stapes
6—Facial Elbow
7—Trephine Opening through Tympanic Tegmen
8—Descending Facial Canal
9—Stylo Mastoid Foramen
10—Annular Ring

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