The Ear & Hearing

By

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Auricle
External auditory meatus
Tympanic membrane

Eardrum
Malleus
Auditory (Eustacian) tube
Internal Ear
Osseous labyrinth

Outer white layer (osseous means bony)
Membranous labyrinth

Inner gray layer
Oval window

Behind the stapes
Round window

Oval Window
Contains receptor hair cells
Semicircular canal
Ampulla

Swelling at one end of all 3 semicircular canals
Saccule

Expanded chamber that communicates with the cochlea
Utricle

Expanded chamber that communicates with the saccule from the semicircular canals
Vestibulocochlear (Auditory) nerve