11-3)

L = 0.025m - open at one end and closed at the other by the *timpanum*.

Resonant frequencies are then given by $f_n = nv/4L$, n = 1, 3, 5, ...

So, $f_1 = 1*344/4*0.025 = 3440$ Hz (close to 3500) $f_3 = 3*344/4*0.025 = 10,320$ Hz $f_5 = 5*344/4*0.025 = 17,200$ Hz