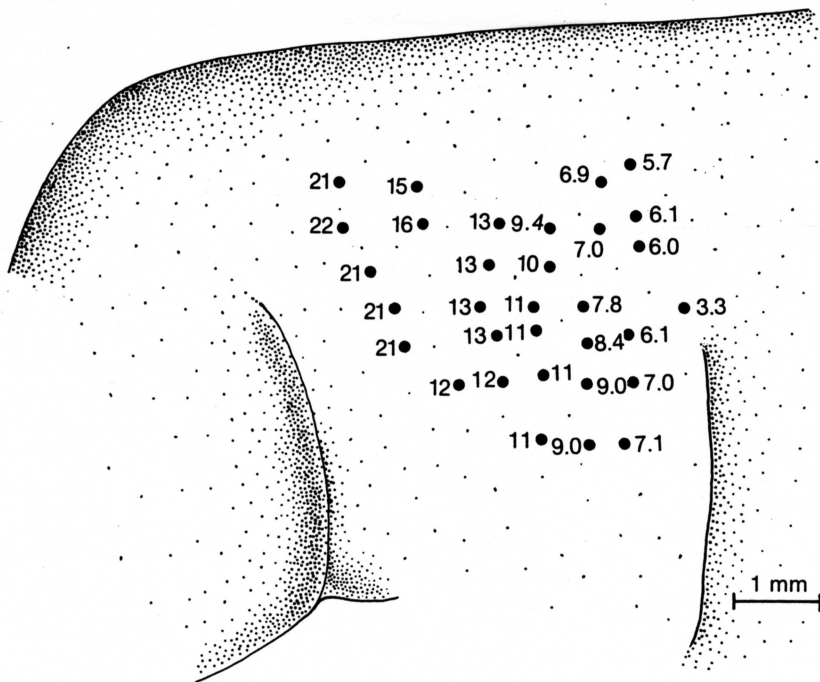


Fig. 16.9. Tonotopic map on the surface of the auditory cortex. Inset on the lower left shows exactly where this region of the brain is located. Numbers reflect the best frequencies of cells encountered at that location. From Merzenich, M. M., P. L. Knight, and G. L. Roth (1975) Representation of cochlea within primary auditory cortex in the cat. *J. Neurophysiol.* 38:231-249. Reprinted by permission.



from: *Sensation and Perception* (1980),
 by E. B. Goldstein,
 Wadsworth (Belmont) pp 339.

Figure 10.17 Tonotopic map on the surface of the auditory cortex of the cat. Each large dot represents a single neuron, and the number beside each dot represents the characteristic frequency of that neuron in thousands of Hz.