Open pipe resonates at approximately 200, 400, 600, 800, 1000, cycles/sec.

Use cap C to form a closed pipe, which resonates at approximately 100, 300, 500, 700, 900, cycles/sec.

All resonances except the 100 cycles/sec can be heard clearly by the entire class. Due to the inadequate output at 100 cycles/sec, this resonance can be heard only by one very close to the apparatus.

Beat Frequency Oscillator, 600-ohm output, to excite speaker. First set scale to zero and adjust for zero beat as indicated by light. Use high output, and keep adjusting output control to maintain a reasonable volume as the frequency is changed.