It's good to be able to play scales up and down a single string, but in practical terms, scales are learned in patterns that cross the neck in a vertical fashion. Fig. 3 lays out five patterns of the C major scale, as they appear up the neck, from *open position* (open strings and first three frets) to just beyond the twelfth fret. The root note (in this case, C) is circled in each pattern. (The additional pattern is the "fretted" version of the open-position pattern, an octave higher.)

Fig. 3

