♫644. Males can sing on one pitch for many songs in a row. May 7, 2017. Atlanta, Michigan. (1:55)

Play-644

♫645. In these 20 minutes, how many times does the male shift to a new pitch? Don’t miss the drumming ruffed grouse. May 7, 2017. Atlanta, Michigan. (20:36)

Play-645

♫646. Answer: ten times, which means he sings on 11 pitches. Here are two renditions from each of the 11 pitches, for a total of 22 songs. May 7, 2017. Atlanta, Michigan. (0:40)

Play-646

See also Explore 72: The curious case of pitch-shifting black-capped chickadees.