

What can we learn from songbirds?

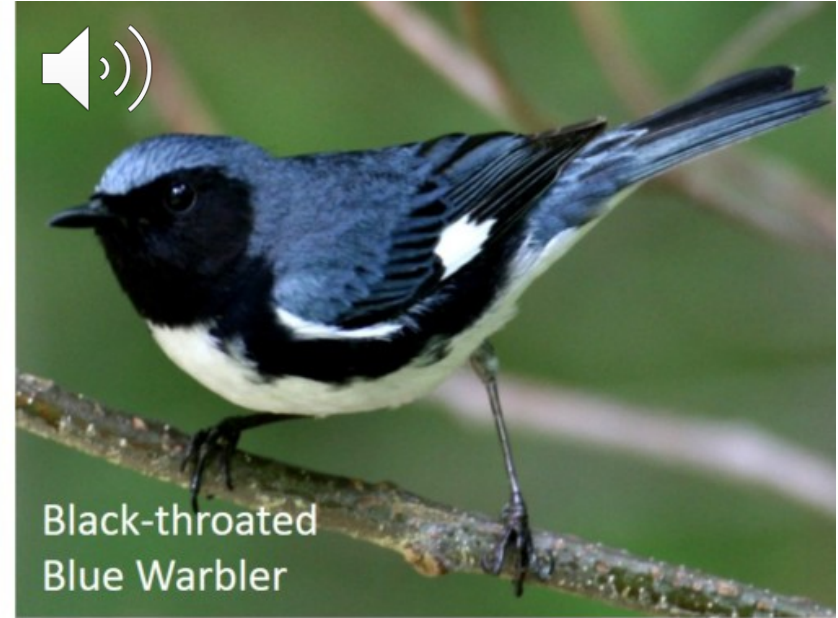
(And their bird brains)



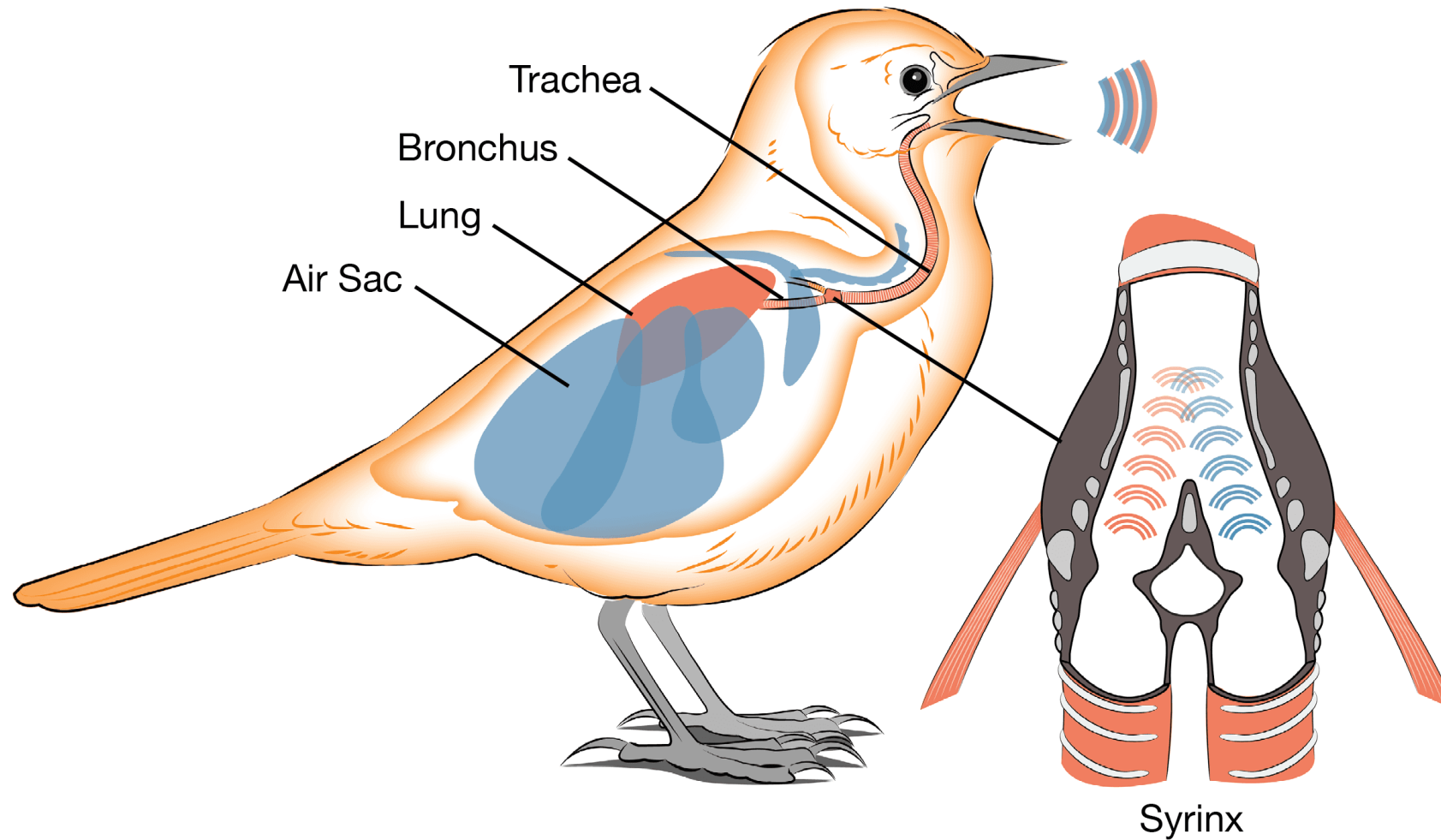
Singing (and speaking) is a choreographed movement



There are ~5000 songbird species

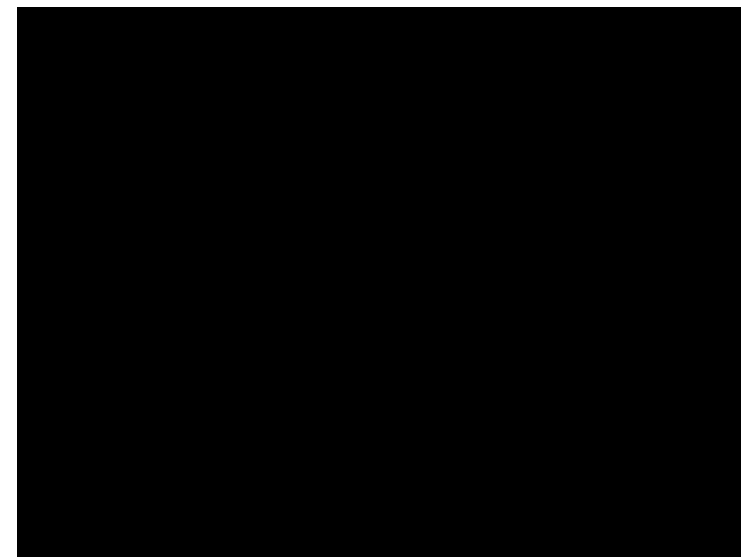


The musical instrument of songbirds – the syrinx





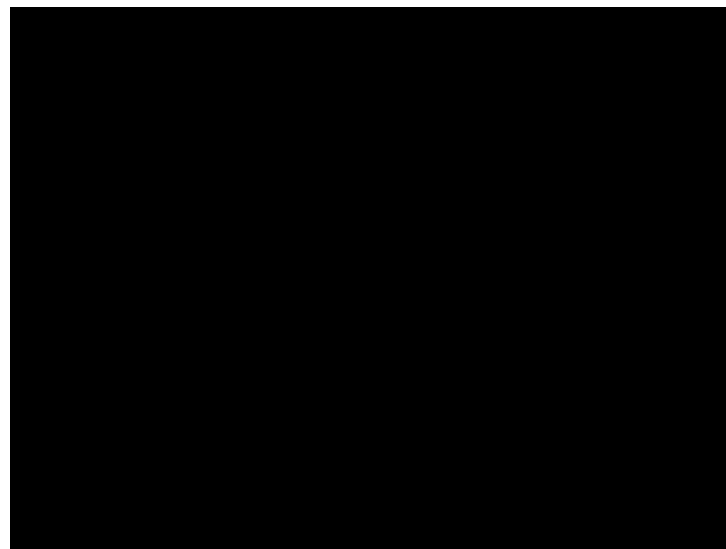
Queen



Beatles



Eric Clapton



Cat Stevens



Songbirds learn to copy their parents









What is sound?

- How do we describe sound?



Spectrograms

Specialized neurons are active when birds sing

