

At-a-glance guide to RavenViewer

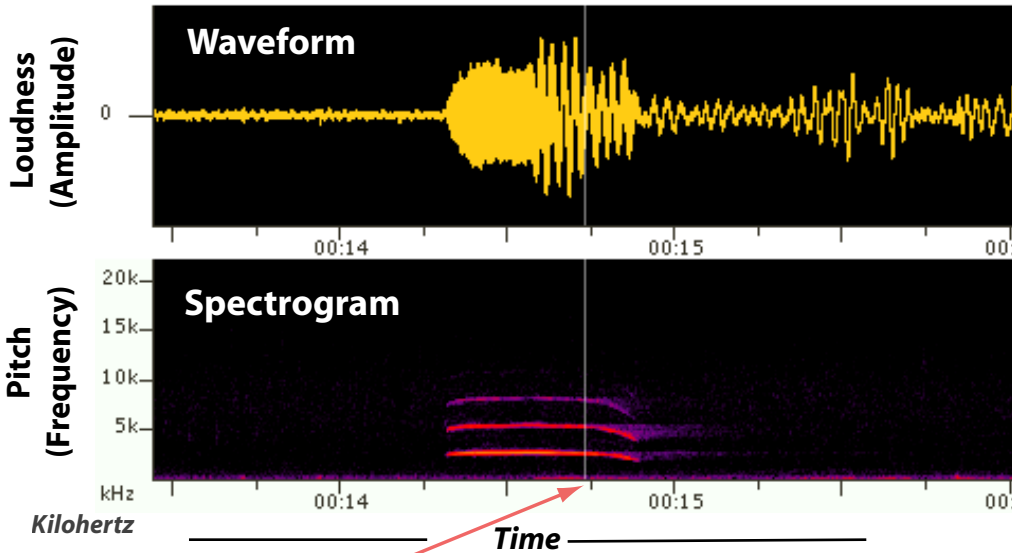
Download RavenViewer:

<http://www.birds.cornell.edu/brp/raven/RavenOverview.html>

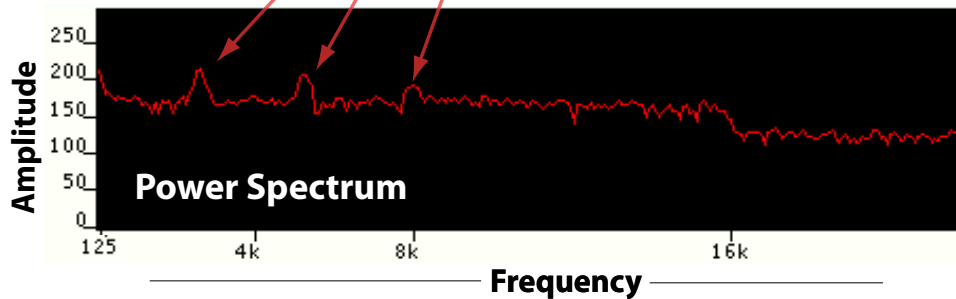
- **Audio**

Macaulay Library's Raven Viewer

Striped Owl - *Pseudoscops clamator*

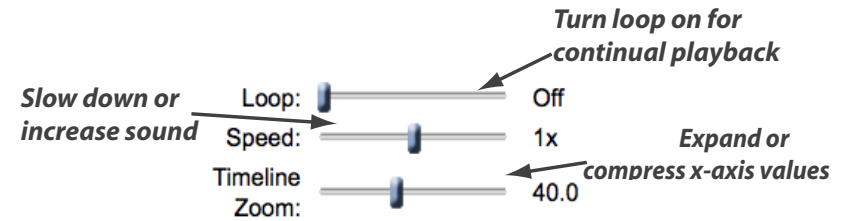


Notice: The most prominent frequencies in the sound at the indicated time are appear below 16,000 Hz where peaks exist at around 2.5k, 5k, and 8k Hz



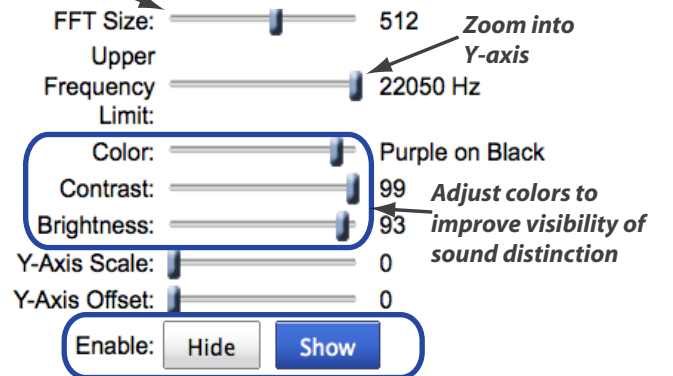
The Power Spectrum graph takes a snapshot of pitch frequency at the given moment of time and displays the amplitude of the frequency at that time.

RavenViewer allows you to examine the unique characteristics of an individual bird call in ways more quantifiable than by ear. The **Waveform** graph allows for visual comparison of the amplitude. The **Spectrogram** displays the frequencies of the call over the time of the call using the various levels of brightness and contrast to help portray the pitch. The **Power Spectrum** portrays slices of information on sound frequency depicted by the Spectrogram. These types of sound information tools allow scientists to further research studies on differences in bird sounds among species, sexes, ages, etc....



Spectrogram Tab

Changes the frequency vs. time resolution



Hide or show the Waveform, Spectrogram, or Power Spectrum graph at any time.