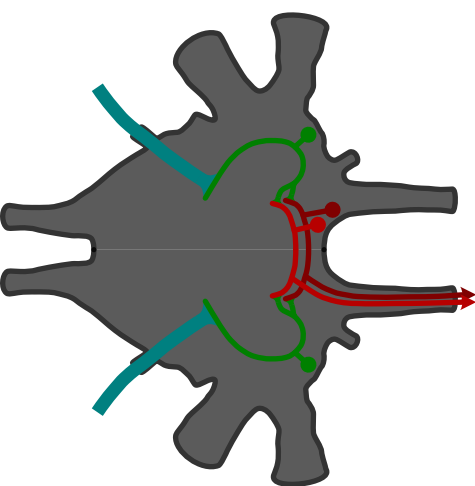
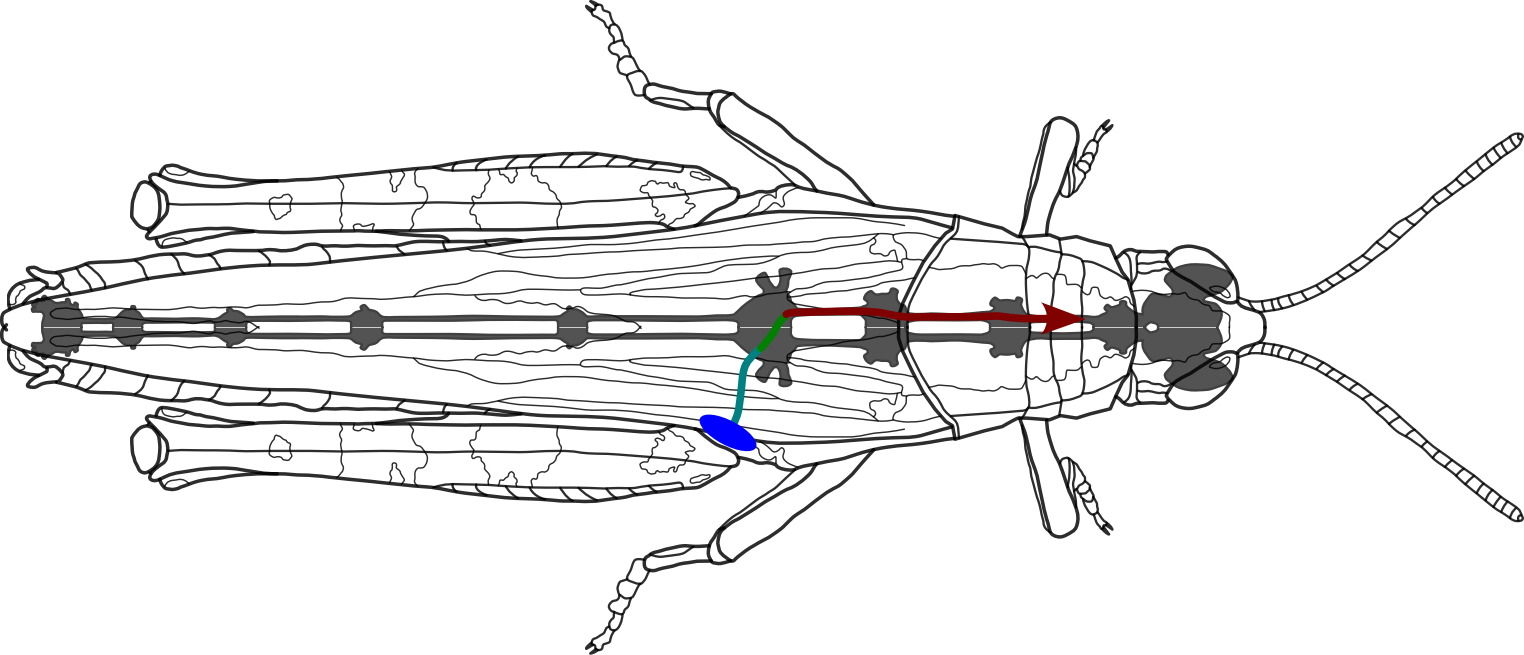




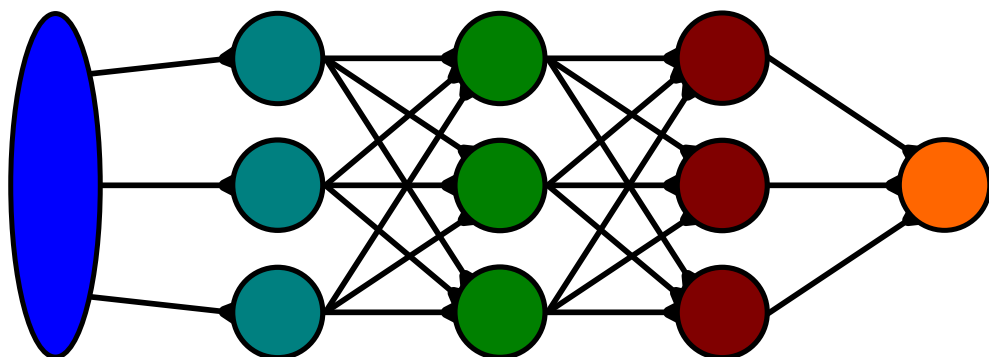
Tympanal
Membrane

Receptor
Neurons

Local
Interneurons

Ascending
Neurons

Central
Brain



Bandpass
Filtering

Envelope
Extraction

Logarithmic
Compression

Intensity
Adaptation

Convolutional
Filtering

Threshold
Nonlinearity

Temporal
Averaging

Weighted
Readout

