

**Supplemental Video 1.** Video of a male migratory locust (*Locusta migratoria*) succumbing to the effects of low oxygen and entering into an ‘anoxic coma’. The animal was placed within a plastic container rapidly filling with N<sub>2</sub> gas. After two hours in the coma the chamber was re-aerated and the locust recovered within 25 minutes.

**Supplemental Video 2.** Video of migratory locusts (*Locusta migratoria*) recovering from anoxic coma induced by a simulated flash flood. Prior to being placed within the recording arena animals were submerged in water for 30 minutes. The video is time lapsed (1 frame every 2 seconds).