



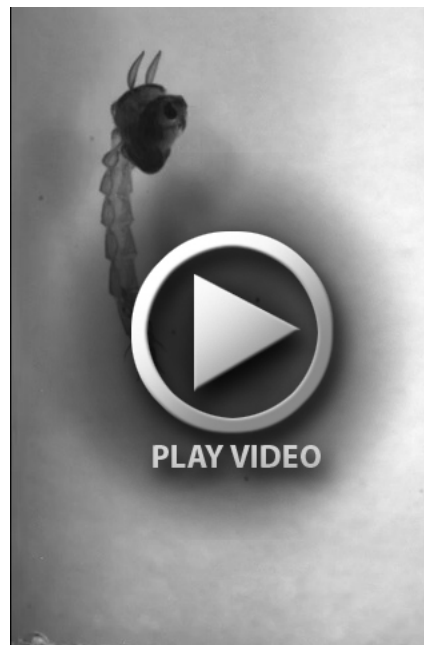
Movie 1. Larva of *Chaoborus crystallinus* performing a single cycle of rotation through almost 360 degrees. Images were captured at 1000 frames s^{-1} and are replayed at 30 frames s^{-1} . See also Text Fig. 2.



Movie 2. Larva of *Chaoborus crystallinus* performing three cycles of rotations. Images were captured at 1000 frames s^{-1} and are replayed at 30 frames s^{-1} . See also Text Fig. 4.



Movie 3. Single cycle of movement by a larva of *Chaoborus crystallinus* with its fan clipped to reduce its area by 80%. Images were captured at 1000 frames s^{-1} and are replayed at 30 frames s^{-1} . See also Text Fig. 8.



Movie 4. Pupa of *Chaoborus crystallinus* performing a single cycle of rotation. Images were captured at 1000 frames s^{-1} and are replayed at 30 frames s^{-1} . See also Text Fig. 9A.



Movie 5. Pupa of *Chaoborus crystallinus* performing a sequence of rotations. Images were captured at 1000 frames s^{-1} and are replayed at 30 frames s^{-1} . See also Text Fig. 9B-D.