



Movie 1. A jump by *Carynota marmorata* captured at 5000 frames s^{-1} and replayed at 10 frames s^{-1} . The insect is viewed from underneath as it jumps from the front glass wall of the experimental chamber. The hindlegs slip as they are extended rapidly. See Fig. 4.



Movie 2. A side view of a jump by *Telamona compacta* captured at 5000 frames s^{-1} and replayed at 10 frames s^{-1} . See Fig. 6.



Movie 3. A head-on view of a jump by *Publilia concava* that is preceded by six cycles of wing flapping, but take-off is only achieved when the hindlegs propel a jump. Images were captured at 5000 frames s^{-1} and replayed at 10 frames s^{-1} . See Fig. 8.