

760

761 Captions to movies

762 Movie 1: Waltzing of *Volvox carteri* observed by Drescher et al. (2009). Three colonies
763 are dancing near a top glass wall, which is seen from the top.

764 Movie 2: Minuet of *V. carteri* observed by Drescher et al. (2009). Colonies are dancing
765 near a bottom wall, which is seen from the side.

766 Movie 3: Waltzing motion of two colonies with $G_{bh} = 25$ and $F_g = 3\pi$, shown in Fig. 6.

767 Movie 4: Minuet motion of two colonies with $G_{bh} = 2$, shown in Fig. 12a.

768 Movie 5: Minuet motion of two colonies with $G_{bh} = 3$, shown in Fig. 12b.

769 Movie 6: Minuet motion of two colonies with $G_{bh} = 6$, shown in Fig. 12c.