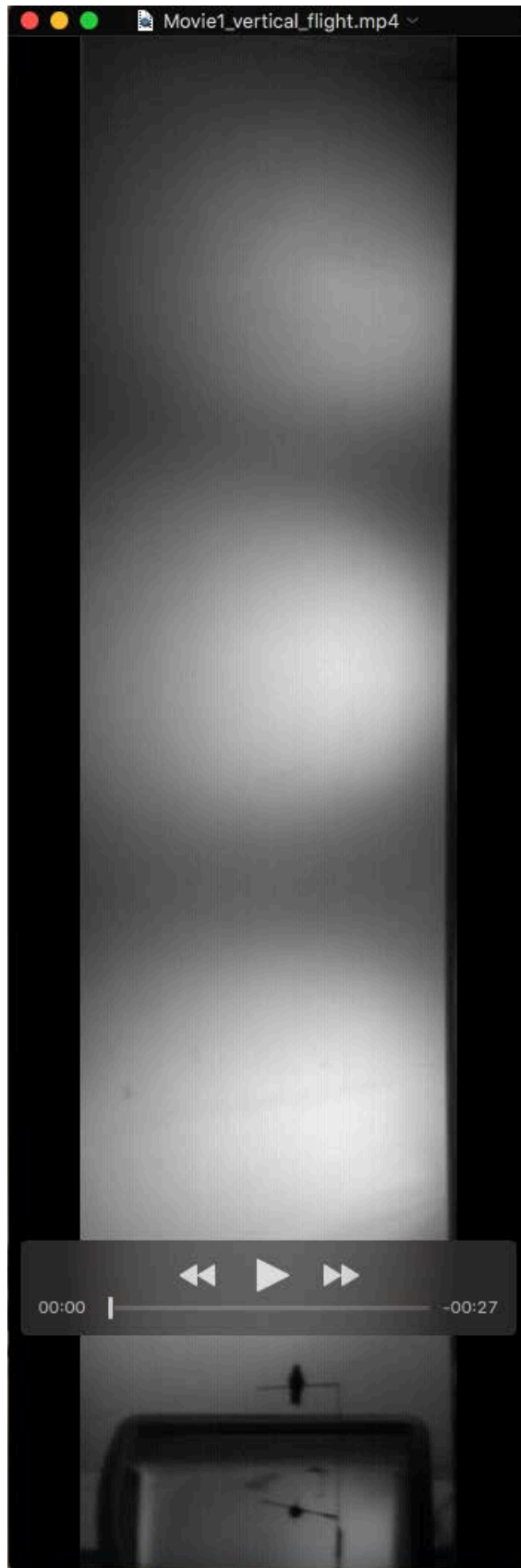


Dataset 1. Morphometric information and digitization in 2D of hummingbirds ( $N=4$ ) during ascending flight. Scale 395.22 pixels/m. Tail tip (Pt1), right-wing tip in mirror (Pt2), right-wing base in mirror (Pt3), beak base (Pt4), left-wing base in mirror(Pt5) and tail base (Pt6)

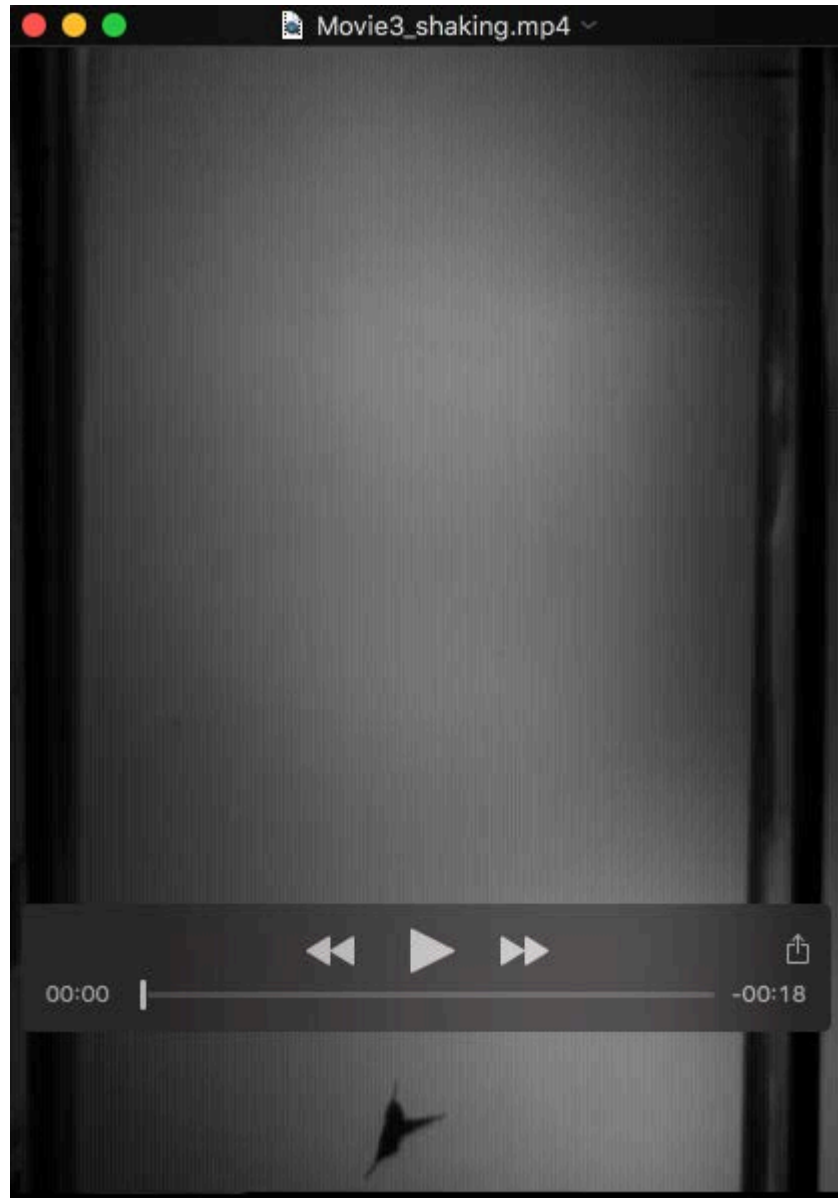
[Click here to Download Dataset 1](#)



**Movie 1.** Anna's hummingbird in vertical ascent.



**Movie 2.** Ascending Anna's hummingbird adopting a ballistic posture with folded wings upon cessation of flapping.



**Movie 3.** Anna's hummingbird shaking its body and changing wing phase relationships while in vertical ascent.