

Supplementary Materials for

Scaling of bird wings and feathers for efficient flight

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Fig. S1. Examples of humerus bones measured.

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Fig. S1. Examples of humerus bones measured. Turkey vulture (*cathartes aura*), Red-tailed hawk (*buteo jamaicensis*), Barn owl (*tyto alba*), American coot (*Fulica americana*). The respective weights of these birds are 15.5 N, 10.9 N, 2.8 N and 4.35 N. (Photo credit: T.N. Sullivan, M.A. Meyers, University of California, San Diego and E. Arzt, INM-Leibniz Institute for New Materials)