



Cover: A common swift approaching a water surface to drink on the wing. Ruaux et al. (jeb244961) analysed how these birds regulate their flight speed during this special behaviour. When gliding down to a water body, swifts accelerate, transforming potential energy into kinetic energy. However, before touching the water, swifts actively dissipate mechanical energy and reduce their flight speed, probably to have a finer control on their trajectory and decrease the risk of falling into the water. This suggests that common swifts, known as extremely efficient flyers, can also prioritize safety over energy savings, when flying close the Earth's surface. Photo credit: Emmanuel de Margerie.

INSIDE JEB

Tenrecs deal with poor air quality like reptiles

Knight, K.

jeb245758

Flatweed catapults pollen to ensure it gets a lift

Knight, K.

jeb245794

Pectoral fin swimmers turn to save energy in coral reef waves

Knight, K.

jeb245650

EDITORIAL

The Forest of Biologists – for biologists, for biology

Moulton, O. C. and Freeman, M.

jeb245697

CONVERSATION

JEB@100: an interview with Editor-in-Chief Craig Franklin

jeb245720

OBITUARY

Steven Franklin Perry (1944–2022)

Codd, J. R., Klein, W. and Lambertz, M.

jeb245741

REVIEW

An 'instinct for learning': the learning flights and walks of bees, wasps and ants from the 1850s to now

Collett, T. S. and Hempel de Ibarra, N.

jeb245278

SHORT COMMUNICATION

Incubation temperature alters stripe formation and head colouration in American alligator hatchlings and is unaffected by estradiol-induced sex reversal

Rogerson, G., Bock, S., Loera, Y., Parrott, B. and Mulley, J. F.

jeb245219

RESEARCH ARTICLES

The influence of plant odours on sexual readiness in an insectivorous songbird

Caro, S. P., Delaitre, S., Buatois, B., Bonadonna, F. and Graham, J. L.

jeb245313

Linking whole-body angular momentum and step placement during perturbed human walking

Leestma, J. K., Golyski, P. R., Smith, C. R., Sawicki, G. S. and Young, A. J.

jeb244760

Physiological responses to hypoxia are constrained by environmental temperature in heterothermic tenrecs

Devereaux, M. E. M., Silva Rubio, C., van Breukelen, F. and Pamenter, M. E.

jeb245324

Prenatal thyroid hormones accelerate postnatal growth and telomere shortening in wild great tits

Hsu, B.-Y., Cossin-Sevrin, N., Stier, A. and Ruuskanen, S.

jeb243875

Drink safely: common swifts (*Apus apus*) dissipate mechanical energy to decrease flight speed before touch-and-go drinking

Ruaux, G., Monmasson, K., Hedrick, T. L., Lumineau, S. and de Margerie, E.

jeb244961

Neural activation patterns associated with mouthbrooding, maternal care, infanticide and fry release in an African cichlid fish

Ray, E. J., Butler, J. M. and Maruska, K. P.

jeb244854

A ballistic pollen dispersal strategy based on stylar oscillation of *Hypochoeris radicata* (Asteraceae)

Ito, S., Rajabi, H. and Gorb, S. N.

jeb244258

Fish swimming mode and body morphology affect the energetics of swimming in a wave-surge water flow

Schakmann, M. and Korsmeyer, K. E.

jeb244739

Contrasting effects of fungicide and herbicide active ingredients and their formulations on bumblebee learning and behaviour

Thompson, L. J., Stout, J. C. and Stanley, D. A.

jeb245180

ECR SPOTLIGHTS

ECR Spotlight – Grace Rogerson

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ECR Spotlight – Claudia Silva Rubio

jeb245806

ECR Spotlight – Jennifer Leestma

jeb245659