

Tools:

- Download references
- Download XML
- Email to a friend
- Order reprints
- Post a comment
- Sign up for article alerts

Post to:

Citeulike 💿 Connotea Pel.icio.us 🕒 Digg Facebook



(glucosuria), polydipsia and polyphagia. The tiny (3-4 g) Ruby-throated hummingbird has

among the highest mass-specific metabolic rates known, and loses most of its stored fat

in 20 h by flying up to 600 miles across the Gulf of Mexico. During the breeding season, it

Thus, hummingbirds are wonderful examples of the adaptive nature of fat tissue, and may

becomes lean and maintains an extremely accurate energy balance. In addition,

offer lessons concerning prevention of metabolic syndrome in humans.

hummingbirds can quickly enter torpor and reduce resting metabolic rates by 10-fold.