



Cover: *Archegozetes longisetosus* is a soil-dwelling microarthropod (length, <1 mm; mass, 100 mg). By measuring muscle forces, Heathoff and Koerner (pp. 3036–3042) show that this species produces forces of more than 1000 times its body weight. Relative forces were compared to those of insects and it is shown that, despite its small body size, *A. longisetosus* produces higher forces than any reported insect species. Also, the muscle stresses are much higher than in insects or vertebrates. 3-D image produced using VGStudio Max software (Volume Graphics). Data obtained by synchrotron X-ray microtomography at the ESRF in Grenoble, France by M. Heathoff; experiment SC2127.

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