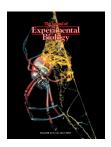
Experimental Biology

Contents Volume 212 (13) 2009



Cover: Nephila produces a dramatic gold-colored silk. The silk shows two distinct contraction responses to humidity, one of which allows it to act as a high-performance biomimetic muscle. See article by T. A. Blackledge, C. Boutry, S.-C. Wong, A. Baji, A. Dhinojwala, V. Sahni and I. Agnarsson (pp. 1981–1989). Photo by Ingi Agnarsson.

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Research Articles

- ▶Blackledge, T. A., Boutry, C., Wong, S.-C., Baji, A., Dhinojwala, A., Sahni, V. and Agnarsson, I. How super is supercontraction? Persistent *versus* cyclic responses to humidity in spider dragline silk. 1981-1989
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