





RESEARCH SCHOOL OF CHEMISTRY

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Front Cover:

A naturally-fluorescent rubbery cross-linked protein called resilin is found in the wing-hinges of flying insects. In work by a team that included Nick Dixon, and led by Chris Elvin, CSIRO Livestock Industries (formerly a postdoctoral fellow at RSC), the extraordinary properties of natural resilin have been reproduced in a synthetic material. The cover illustration shows a dragonfly and the characteristic fluorescence of a cylinder of synthetic resilin about 1 mm in diameter. *Nature* (2005), 437 (7061), 999-1002, <http://dx.doi.org/10.1038/nature04085>. Artwork by David Merritt (*U Queensland*), David McClenaghan and Nancy Liyou (*CSIRO*), and Ted Hagemeyer.