



LOOK AGAIN...

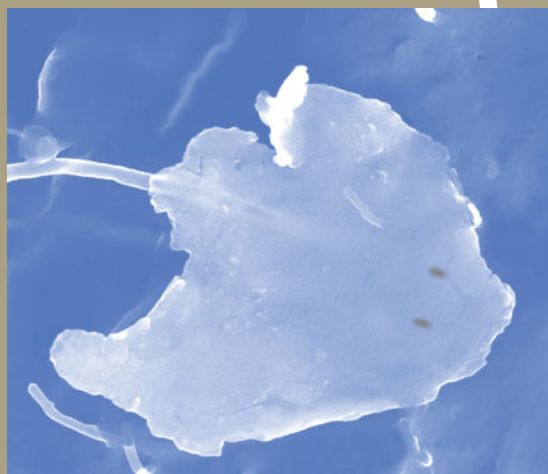
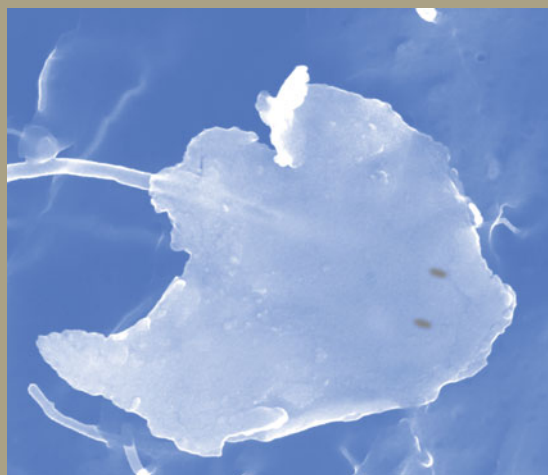
Just for Fun!

See if you can find the 8 differences in each set of images.

Nano-stingray

Scanning electron micrograph of an epoxy-nanocomposite fracture surface reminiscent of a stingray gliding through the ocean. The carbon nanotube tail acts as a high-strength deterrent, enhancing durability against attack from predators.

Cate Brinson and Marc Palmeri, Northwestern University, USA

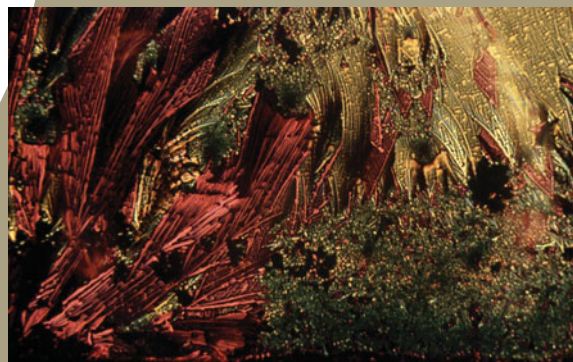


Answers will be in the June 2011 issue

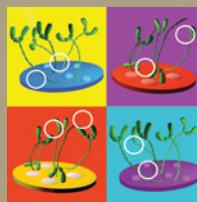
Feather and fan

This otherworldly landscape is a polarized microscopy photograph of a perylene derivative thin film. This technique allows the light to pass through crystalline areas of the imaged film, while amorphous regions remain dark. The combination of this technique and Nature's talent to assemble organic crystals creates an abstract tableau that resembles feathers, fans, and gems.

Françoise Provencher, Université de Montréal, Canada



February 2011 answer key



Images on the top were submitted to the Materials Research Society "Science as Art" competition (www.mrs.org/scienceasart). Images on the bottom were modified in Adobe Photoshop for this "Look Again" activity.