Breaking & Entering
PAH photodissociation and top-down chemistry

P. Castellanos Nash

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Cover design by P. Castellanos.
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The images on the top-right corner of odd pages are intended to create a flipbook animation. This represents an idealized example of hydrogen roaming along the edge of a PAH (ovalene in this case). From a classical PAH, one hydrogen moves to create an aliphatic group in the same ring, later it jumps to a tertiary carbon, only to end up in a neighbouring ring. Afterwards, the process is reversed to end up with the original PAH.

BREAKING & ENTERING
PAH PHOTODISSOCIATION AND TOP-DOWN CHEMISTRY

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A mi familia, con y sinsanguínea

“No importa el resultado, sólo el esfuerzo vale.”
— MIGUEL DE CERVANTES, Don Quijote

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