Photochemical Smog Encyclopedia Article

Photochemical Smog

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.

Contents

Photochemical Smog Encyclopedia Article.....1

Contents.....2

Photochemical Smog.....3

Photochemical Smog

A form of **smog** that characterizes polluted atmospheres where high concentrations of **nitrogen oxides** and volatile organic compounds--often from gas-driven automobilesmixed with sunlight promote a series of photochemical reactions that lead to the formation of **ozone** and a range of oxidized and nitrated organic compounds. The smog turns brownish in color and lowers **visibility** towards the middle of the day as sunlight becomes intense. The smog also causes eye irritation and a range of less distinct short- and long-term health effects. Photochemical smog, though typified by the **atmosphere** of the **Los Angeles Basin**, is increasingly found in cities all over the world where volatile fuels are used.