

- COCAINE AND THE COCA PLANT
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Made and sold, c. 1880, Burnett's Extracts contained coconut oil—not cocaine—as a primary ingredient. Since "modern medicine" in the late 19th Century seemed to favor cocaine, as an over-the-counter way to help people, companies making non-cocaine-containing products invented similar-sounding names to sell their wares. Burnett's Extracts is one example.

<u>Albert Nieman</u>, a graduate pharmacology student in Gottingen, Germany first isolated the alkaloid base of the coca plant in 1859. He called that base "cocaine."

Within a year after his discovery, small amounts of alkaloid were <u>added</u> to many different tonics, <u>tooth-ache</u> <u>soothers</u>, <u>elixirs</u> and over-the-counter <u>products</u> used by all kinds of people - including <u>Presidents</u> and <u>Popes</u>.

Small amounts of cocaine produced the same type of effects the ancient South American people experienced when they chewed <u>coca leaves</u>. Sigmund Freud described those effects in his July, 1884 paper <u>Uber Coca</u>:

Exhilaration and lasting euphoria, which in no way differs from the normal euphoria of the healthy person...you perceive an increase of self-control and possess more vitality and capacity for work.

In other words, you are simply normal, and it is soon hard to believe that you are under the influence of any drug... Long intensive mental or physical work is performed without any fatigue... This result is enjoyed without any of the unpleasant aftereffects that follow exhilaration brought about by alcohol... Absolutely no craving for the further use of cocaine appears after the first, or even repeated, taking of the drug; one feels rather a certain curious aversion to it. (<u>The Cocaine Papers</u> by Sigmund Freud, ed. Robert Byck, pg 48.)

Freud even recommended cocaine as a treatment for <u>dangerous addictions</u> to drugs such as morphine. But that was before the hypodermic needle was widely used and before Freud nursed someone (<u>Ernst von Fleischl-Marxow</u>) through a cocaine-induced psychosis.

After that harrowing experience, Freud withdrew his paper and his recommendations.

See Alignments to State and Common Core standards for this story online at: <u>http://www.awesomestories.com/asset/AcademicAlignment/COCAINE-AND-THE-COCA-PLANT-Blow</u>

See Learning Tasks for this story online at:

http://www.awesomestories.com/asset/AcademicActivities/COCAINE-AND-THE-COCA-PLANT-Blow

Media Stream







PROPRIETARY: ARTIGLES:





THE BEST HAIR DRESSING **COCOAINE** It kills Dandruff, promotes the Growth of the Hair, cures Scald Head and all Irritation of the Scalp.

<u>Maltine - With Coca Wine</u> Image online, courtesy U.S. National Archives. PD

View this asset at: http://www.awesomestories.com/asset/view/Maltine-With-Coca-Wine

Coca Wine - Manufacturers Assert Benefits

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<u>19th Century - Curing Tooth-Aches with Cocaine</u> Image online, courtesy Addiction Research Unit / University at Buffalo. PD

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Burnett's Extracts - 1880

Image online, courtesy Addiction Research Unit / University at Buffalo. PD

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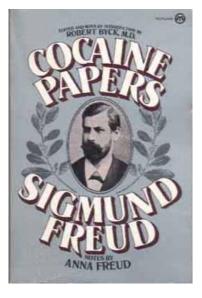
<u>Mariani Wine</u>

Image online, courtesy Library of Congress.

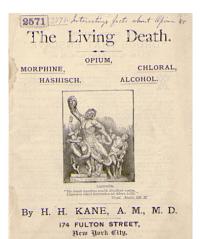
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Coca Leaves - Source of Cocaine Image online, courtesy Wikimedia Commons. PD View this asset at: http://www.awesomestories.com/asset/view/Coca-Leaves-Source-of-Cocaine



<u>Cocaine Papers</u> Book-cover image online, courtesy Amazon. View this asset at: <u>http://www.awesomestories.com/asset/view/Cocaine-Papers</u>



<u>The Living Death, by H.H. Kane</u> Image online, courtesy National Institutes of Health. PD View this asset at:

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Ernst von Fleishl - Early Cocaine Addict

Image of Ernst von Fleischl-Marxow, online courtesy Wikimedia Commons. Quoted passage from <u>Sigmund Freud: Pioneer of the Mind</u>, by Catherine Reef, pages 41-42. Online, courtesy Google Books. View this asset at: <u>http://www.awesomestories.com/asset/view/Ernst-von-Fleishl-Early-Cocaine-Addict</u>