# Life, Liberty, [and the Pursuit of Happiness]

Medical Marijuana in Historical Perspective



### Dazed and Confused (1993)

**Slater**: George Washington toked weed, are you kiddin' me, man? He grew *fields* of that stuff.... The whole country back then was gettin' high... But you know what? Behind every good man there's a woman, and that woman was Martha Washington, man, and every day, George would come home, she'd have a big fat bowl waiting for him, man, when he'd come in the door. She was a hip, a hip, hip lady, man.



#### William Brooke O'Shaughnessy (1809-1889)







#### Grimault"Indian Cigarettes"



#### Pharmacopoiea of the United States (11<sup>th</sup> ed. 1936)

#### CANNABIS Cannabis

Cannab.—Cannabis indicæ herba P.I.

Cannabis consists of the dried flowering tops of the pistillate plants of Cannabis sativa Linné (Fam. Moraceæ).

It contains not more than 10 per cent of its fruits, large foliage leaves, and stems over 3 mm. in diameter, and not more than 2 per cent of other foreign organic matter, page 472. It yields not more than 5 per cent of acid-insoluble ash, page 473.

#### Description and physical properties-

Unground Cannabis—In separate tops or more or less agglutinated masses or fragments, consisting of the short stems with their leaf-like bracts and pistillate flowers or more or less developed fruits; color green to dark green or greenish-brown; odor agreeable, somewhat heavy and narcotic; taste somewhat acrid and pungent.

Leaves digitately compound, usually broken. Leaflets when entire, linearlanceolate, nearly sessile, margin deeply serrate. Bracts ovate, pubescent, each enclosing 1 or 2 pistillate flowers or more or less developed fruits. Calyx dark green, pubescent and somewhat folded around the ovary. Styles 2, filiform and pubescent. Ovary with a single campylotropous ovule. Stems cylindrical, longitudinally furrowed, light green to light brown or purplishbrown, strigose-pubescent.

Structure of Stem—Cortex composed of collenchyma and several layers of parenchyma, in the larger stems, the phloem with numerous strands of more or less lignified bast-fibers; the xylem with strongly lignified wood having medullary rays 1-cell wide; pith, often hollow; rosette aggregates of calcium oxalate numerous.

Powdered Cannabis—Dark green; epidermis from lower surface of leaves with sinuate vertical walls and numerous oval stomata, from upper surface with straight walls and no stomata; non-glandular hairs numerous, unicellular, rigid, curved, with a very slender pointed apex and an enlarged base usually containing a cystolith; glandular hairs of two kinds, one with a short 1-celled stalk, the other with a long multicellular, tongue-shaped stalk, the head being globular and consisting of 8 to 16 cells; fragments of bracts and leaves showing yellowish-brown laticiferous vessels, numerous rosette aggregates of calcium oxalate, 0.005 to 0.030 mm. in diameter, and strands of spiral tracheæ and phloem; fragments of fruits with palisade-like, non-lignified cells with yellowish-brown finely porous walls; tissues of embryo and endosperm with numerous oil globules and aleurone grains, the latter from 0.005 to 0.010 mm. in diameter and displaying crystalloids and globoids.

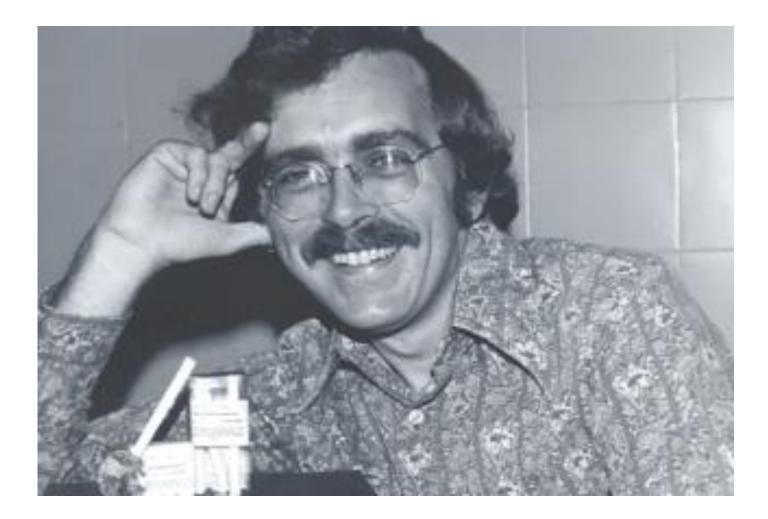
Diluted hydrochloric acid added to powdered Cannabis causes effervescence visible under the microscope.

Preparations-Extractum Cannabis, Fluidextractum Cannabis.

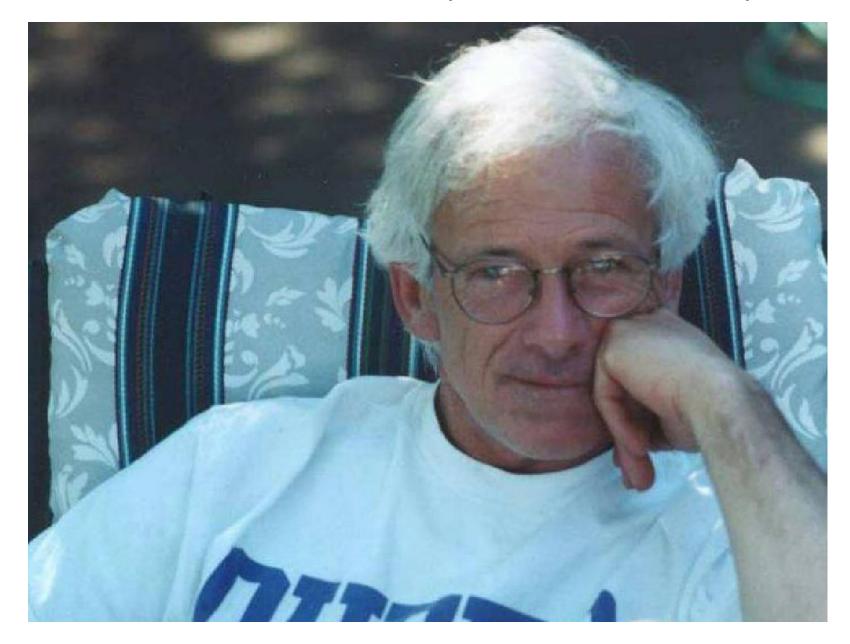
## Harry J. Anslinger, Commissioner, Federal Bureau of Narcotics (1930—1962)



# Robert Randall (1948-2001) "America's Only Legal Pot Smoker" from 1976-80



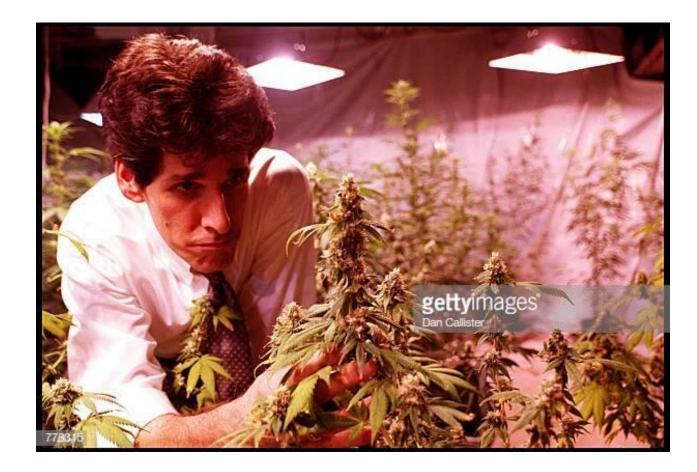
# Dennis Peron (1945-2018)

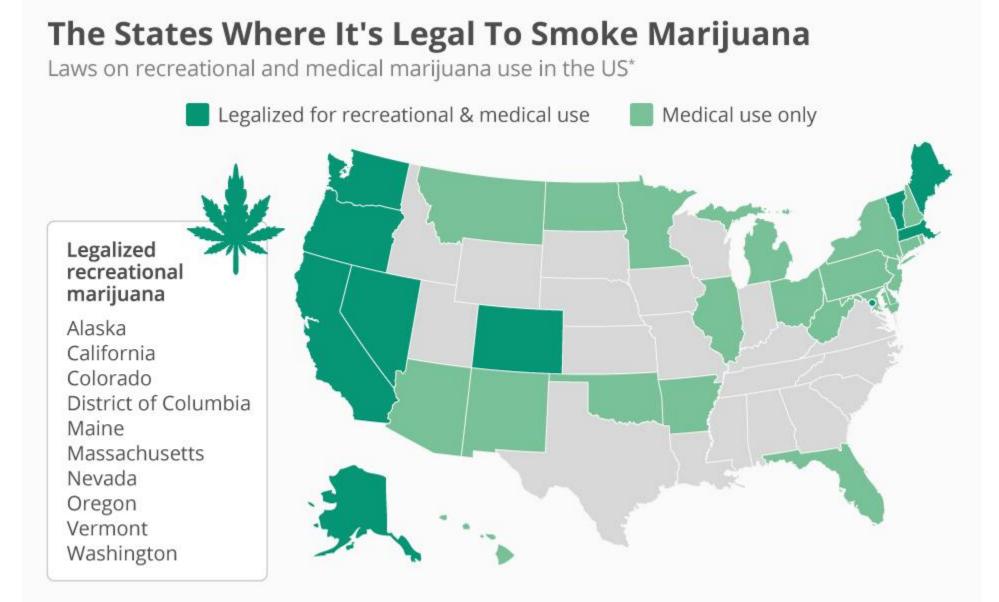


#### Dennis Peron at Proposition 215 Victory Party San Francisco, November 1996



#### Scott Imler (1958-2018) President, Los Angeles Cannabis Research Center, 1996-2001



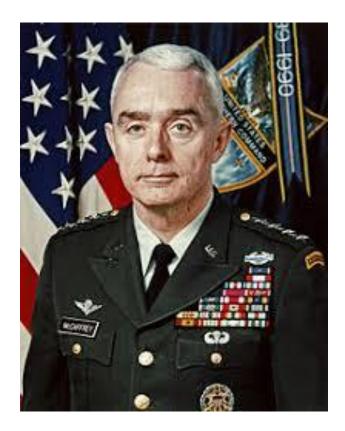




\* As of July 01, 2018. Some states not highlighted allow limited medical marijuana access Sources: NY Times , Business Insider



#### General Barry McCaffrey Clinton Administration Drug Czar, 1996-2001



### Ed Rosenthal

#### Horticulturist, Medical Marijuana Activist, High Times Columnist



#### Gonzalez v. Raich, 545 U.S. 1 (2005)



Angel Raich

# Recreationals vs. Medicals

#### Allen St. Pierre, NORML



#### Steph Sherer, ASA

