



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MARYLAND 20014

June 18, 1979

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[REDACTED]  
Special Assistant/DDA  
Central Intelligence Agency  
Room 4E27 Headquarters  
Washington, D.C. 20505

Dear Mr. [REDACTED]

In the list of drugs sent you on May 8, it was indicated on page 15 that information on *Panaeolus Vanosus* would be provided at a later date. Attached is a revised version of page 15 containing this information and a revised list of references, page 17.

Sincerely,

Seymour Perry, M.D.  
Associate Director for Medical  
Applications of Research

Attachments

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LTS

Adverse Reactions:

In a survey of peyote use among Navajo Indians, undesirable or negative reactions occurred only once 70,000 doses. Chromosomal abnormalities were not found in Indians who chronically ingested peyote (8).

PANAEOLUS VANOSUS

Spelling given according to Miller and Farr (10) is Panaeolus venenosus and is assumed to be correct. This plant has been identified in Aztec paintings and elsewhere. It has been shown to contain psilocybin (see section with this title) suggesting hallucinogenic use (11,12).

PIULE

A morning glory-like plant found primarily in Mexico, piule is another name for ololivque or Rivea corymbosa (9). (See Ipomea above for general effects)

REFERENCES

1. AMA Drug Evaluations, 3rd Ed, Publishing Science Group, Inc., Littleton, Mass., 1977.
2. Physicians' Desk Reference, 33 Ed, Medical Economics Co., Oradell, N.J., 1979.
3. Goodman, L.S. and Gilman, A., "The Pharmacologic Basis of Therapeutics" 5th Ed, Macmillan Pub. Co., Inc., N.Y., 1975.
4. IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man: Some naturally occurring substances. Vol. 10, IARC Working Group, Lyon, France, 1976.
5. Remington's Pharmaceutical Sciences, 14th Ed., Mack Publishing Co., Easton, Penn., 1970.
6. Campbell, P.N. and Kilby, B.A. (eds.), "Basic Biochemistry for Medical Students," Academic Press, N.Y., 1975.
7. Drill's Pharmacology in Medicine, Ed J.R. DiPalma, 3rd Ed., McGraw-Hill Book Co., N.Y., 1965.
8. Martindale "The Extra Pharmacopoeia" Ed A. Wade, 27th Ed., The Pharmaceutical Press, London, 1977.
9. Hofmann, A. "Psychotomimetic Agents" in "Drugs Affecting the Central Nervous System" Ed. A. Burger, M. Dekker, N.Y., 1968, p. 179.
10. Miller, O.K. and Farr, D.F. "An Index of the Common Fungi of North America (Synonymy and Common Names". Bibliotheca Mycologica, Band 44, p. 107, 1975.
11. Schultes, R.E. and Hofmann, A., "The Botany and Chemistry of Hallucinogens, C.C. Thomas, Springfield, Ill. pp. 44-45, 1973.
12. Pollock, S.H. Psilocybian Mycetismus with Special Reference to Panaeolus. J. Psychedelic Drugs 8, 43-57, 1976.