

# M U

# AMERICA'S S H

## Magic Mushrooms



A typical three specimen cluster of *P. foenisecii*. An unknown insect has gone sailing on a dose taken from the apex of the largest specimen in the cluster.



Dark capped *P. foenisecii*. Three specimens are in a cluster. Two others are grouped near the cluster. *P. foenisecii* fruits in large groups composed of clusters and individuals. These groups may form a "colony" extending up to 100 square ft.

*Panaeolus foenisecii* var. *invertus* (Lynus), an adaptation to lawn culture. The cap never opens to deposit the spores on the wind. At maturity the cap turns horizontal to the stem awaiting the lawn mower to shred the spore laden cap into natural "spawn" which efficiently expands the colony. *P. foenisecii invertus* is quite potent and occasionally exhibits bluing on the lower 1/3 of the stem.



Classic bell shaped *Panaeolus foenisecii* with dark lined radial margin.

# HARVEST ROOMS

**On Your Front Lawn**

*Photos and Story by Brolyn*



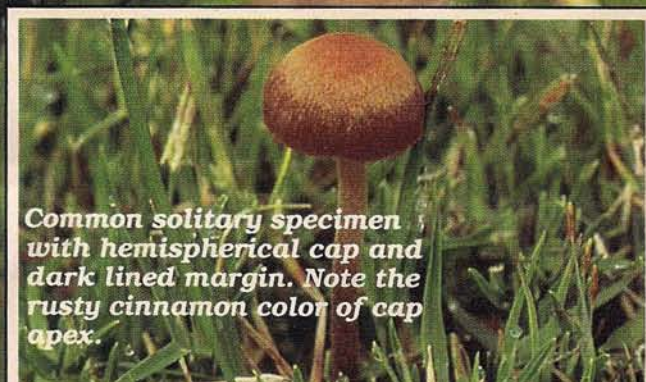
*Panaeolus foenisecii pair with white fringed margin after the dark radial line.*

Summer days are long and hot; nights balmy. Restless souls are eager. Harvest is nearing, the farmer will tell you. You think, "So what. I'd rather be sailing." But the sailing you refer to isn't on the ocean. No, it's on the Cosmic Sea. And the summer breeze carries your mind to fantasies in exotic places where magic mushrooms grow. Alas, the reverie ends too soon, leaving you with wishes unfulfilled... Adventure... Exotic places... Fantasies...

Your quest begins in the community park. The magic mushroom is happily fruiting in the well-kept park lawn. Seek out the nearest park where the grounds keeper is diligent and proud to nurture the greens. There you will find America's harvest mushroom, *Panaeolus foenisecii*, sometimes called the haymaker's mushroom by those who know.

Before Gordon Wasson went "Seeking the Magic Mushroom"

*continued on page 55*



*Common solitary specimen with hemispherical cap and dark lined margin. Note the rusty cinnamon color of cap apex.*

# MUSHROOMS

continued from page 41

down Mexico-way in 1957, the effects of psilocybin/psilocin found in the Mexican psilocybes had already been documented in the USA. The cause was several members of the *Panaeolus* species. Louis C.C. Krieger, mycologist and "the finest painter of North American fungi" (1), published *The Mushroom Handbook* in 1935. At that time, mushroom poisoning was divided into five types:

gastro-intestinal, choleric, nerve-affecting, and cerebral. Here's what Krieger wrote about the cerebral type of mushroom poisoning: "The transient symptoms appear shortly after the meal. They are exhilaration, staggering gait, and queer disturbances of vision. The patients are soon normal again. Causative mushrooms: various species of the genus *Panaeolus*." Under the heading, *Black-spored mushrooms*, he wrote, "*Panaeolus* species look harmless enough, but it is well to keep them out of the cooking utensils for, though not violently poisonous, they can be the cause of considerable, momentary anxiety. The effects of the poison become evident almost instantaneously. The symptoms are not unlike alcohol intoxication. Conspicuous are failure of muscular coordination, difficulty in standing, inability to walk, drowsiness, lack of control of the emotions, bloodshot eyes, dilated pupils, incoherent or inappropriate speech (the afflicted laughing inordinately at his own foolish remarks), and visions of dancing, wobbly furniture, combined with glorious color combinations."

Had Albert Hofmann known about this in 1935, he may well have first isolated psilocybin and psilocin from *Panaeolus* and named the two entheogenic (2) compounds panaeolin and panaeoin.

Before you dash off to your nearest park greens prospecting for the ineffable, it is wise to learn what other types of mushrooms may be growing in that lawn and how to tell the difference. The easiest method

for a beginner to distinguish the different genera is identification by spore print.

*Panaeolus* and *Psilocybe* are very closely related genera belonging to the Agaricaceae family of the sub-class Basidiomycetes. In simple language this means Basidiomycetes produce spores four to a cluster on a club shaped structure. Agaricaceae produce the four spored club called the basidium on gill surfaces emanating on the underside of the mushroom pilus or cap. The Agaricaceae family includes the commercial mushroom, *Agaricus bisporus*, found in the produce section of most supermarkets. Buy one and study the underside of the cap to familiarize yourself with gill structures.

Once you know what mushroom gills look like, never consider a field specimen for tripping that has no gills. *Panaeolus* and *Psilocybe* are gill fungi. Also forget about the blue staining characteristic to identify psilocybin/psilocin producing mushrooms. Some non-gilled mushrooms exhibit the bluing phenomenon. *Panaeolus* species rarely, if ever, blue--especially *Panaeolus foenisecii* and *Panaeolus subbalteatus*, the two most common psilocybin/psilocin producing *Panaeoli*. Instead, take a spore print when you find a likely specimen.

Gilled mushrooms are commonly classed by spore print color. *Panaeolus* and *Psilocybe* are included in class IV: with the spore print dark reddish chocolate, purple-brown, brownish purple, greyish purple, purplish black, or black.

*Panaeolus foenisecii* spores are a very dark, purplish, smoky brown. *Panaeolus subbalteatus* spores are purplish black. It is difficult for a beginner to distinguish between *P. foenisecii* and *P. subbalteatus*. *P. subbalteatus* grows on dung as well as in lawns. *P. foenisecii* grows in lawns and in well manured gardens under broad-leafed vegetables, but

continued on page 56

## Books-by-Phone

For most books and best service  
visa/mc, ups/cod, 10% off w/ mo

### DRUG TESTING AT WORK

How to beat tests; updated DTEST 17.95

MARIJUANA GROWERS INSIDERS GDE  
Mel Frank, up to date MNSIDE 19.95

### ECSTASY the MDMA Story

Definitive, intriguing ECSTAS 17.95

### UNDERGROUND DRUG LIBRARY

16 rare classics on lab secrets UDL 29.95

### CONTROLLED SUBSTANCES ACT

Definitive drug info CONSUB 34.95

### STEAL THIS URINE TEST

Hoffman beats drug tests STEAL 5.95

### MARIJUANA HYDROPONICS

High tech water culture MHYDRO 14.95

### MARIJUANA BOTANY

Definitive guide to mj plant MBOT 14.95

### MARIJUANA CULTIVATORS HBK

Drake classic, illustrated MCULT 14.95

### CANNABIS ALCHEMY

Isomerizers, hash oil CANAL 12.95

### INDOOR MARIJUANA HORTICULTURE

High tech indoor technique HORT 16.95

### BEST OF SINSEMILLA TIPS

Info, photos from journal BSTIPS 17.95

### SECRETS OF METHAMPHETAMINE

Manufacturing method SMETH \$16.95

### PRIVACY

low profile methods PRIVY 18.95

PAPER TRIP II (PTRIPI also available)

best book on new id PTRIPII 19.95

### RECREATIONAL DRUGS

Clandestine lab manual RECDRG 21.95

### PSYCHEDELIC CHEMISTRY

Authoritative lab manual PCHEM 16.95

### MARIJUANA GRWRS HBK

Ed's indoor greenhouse edn MGH 16.95

### MARIJUANA GRW'S GD. DELUXE

Classic, most detailed DLX 19.95

### COCAINE HANDBOOK

Essential reference CHBK 24.95

books prices **SUBTOTAL\$**

Money order discount 10% (USA only)

Calif. customers add sales tax 7.25%

Processing fee (all orders) \$3.00

COD (USA only) \$5 fee per order

VISA/MC \$2 fee per order

USA add \$1 per book for shipping

Canada add \$2 per book for Air Mail

Overseas add \$7 per book for Air Mail

**Books plus fees TOTAL \$**

Make checks payable to **Books-by-Phone**  
(for best service, 10% off send money order)

credit card MC Visa Exp date  
card #:

Name

Address

City State ZIP

I am over 21 (sign)

PRICE & AVAILABILITY SUBJECT TO CHANGE WITH-  
OUT NOTICE. DRUG EDUCATION BOOKS ARE FOR  
SALE TO **ADULTS ONLY** FOR INFORMATION IN AC-  
CORD WITH 1ST AMENDMENT. OFFER VOID WHERE  
PROHIBITED. NO WARRANTIES MADE, USE NOT AD-  
VOCATED. CONSULT YOUR ATTORNEY.

**(800) 858-2665 orders**

**(415) 548-2124 info**

**BOOKS BY PHONE**

**Box 522 Berkeley CA 94701**

**Call for FREE 16 pg Catalog**

# DETECT PLANT SEX



Don't Waste Growing Space.  
Get Rid of Male Plants.

**GROW ONLY  
FEMALE PLANTS**

Each Female Plant Detection Kit Contains  
Everything You Need to Detect the Sex of Ten Plants.

**WORKS ON ALL PLANTS**

- Just Starting or Full-Grown
- Outdoors or Indoors
- All Seasons

**100% EFFECTIVE**

**SATISFACTION GUARANTEED OR  
YOUR MONEY BACK**

**RUSH ME**

<input type="checkbox"/> 1 KIT \$7.95	<input type="checkbox"/> 4 KITS \$19.95
<input type="checkbox"/> 2 KITS \$13.95	<input type="checkbox"/> 8 KITS \$34.95
	<input type="checkbox"/> 20 KITS \$79.95
	<input type="checkbox"/> 100 KITS \$345.00

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_

Diesel Botanical Research and Study Group  
P.O. Box 7665, Stanford, CA 94305  
**NOW AVAILABLE IN EUROPE, TOO.**  
Ask for one at your local shop.

## XX RATED JAPANIMATION VIDEOS



Plus many more hard-to-find animated and live action videos, hundreds of titles of underground comix, graphic novels, Freak Brothers and other UG comix tee shirts, the Dealer McDope Game and lots more! All to be found in the pages of Rip Off Press, Inc.'s far-out MAIL ORDER CATALOG! For a one-year subscription (4 issues, inside USA only) send \$1 to:  
**RIP OFF PRESS, INC.**  
P.O. BOX 4686  
AUBURN, CA 95604

# MUSHROOMS

continued from page 55

never on dung. This sounds confusing, but you are confining the hunt solely to lawns.

The brown to black spored mushrooms other than *Panaeolus* likely to be found on lawns are several species of the genera *Agricus* and *Coprinus*.

*Agricus* species look similar to the commercial mushroom and are rather large compared to the *Panaeolus* species. Most are edible, but for the purposes of this discussion avoid them.

Some species of *Coprinus* may also be found in lawns. They are not poisonous, but deliquesce or liquify on ripening

profuse sweating.

*Entoloma sericeum* has brownish salmon color spores. It is said to be edible. Avoid it.

When taking a mushroom spore print for color class identification remove the pilus (cap) from the stipe (stem) of a mature specimen. Place the cap on a sheet of clean white paper and leave for one hour or more on a horizontal surface. Then lift the cap from the paper and study the color of the spore print deposited on the paper. Use supplemental lighting if necessary in order to determine the spore color.

This method is simple, but it

## *Panaeolus foenisecii* is one of the four most common lawn-inhabiting mushrooms.

of the black spores. Avoid them.

DO NOT wander out of the open lawns into the forest looking for mushrooms. Confusion and death await the novice foolhardy enough to eat mushrooms gathered from the woods.

*Panaeolus foenisecii* is one of the four most common lawn-inhabiting mushrooms. The other three species, *Marasmius oreades*, *Clitocybe dealbata*, and *Entoloma sericeum*, have spore prints of color classes different than *Panaeolus*.

*Marasmius oreades*, commonly called "fairy ring mushroom," has white spores. It is edible, but it is best to avoid all white spored mushrooms. The deadly *Amanita verna* (destroying angel) and *Amanita phalloides* (death cup) can be found in lawns under conifers. Both have white spores.

*Clitocybe dealbata* has white spores and is poisonous, causing disagreeable cases of

produces a "dirty" spore print unsuitable for germinating spores for pure culture stock inocula. However, save the spore print by folding the paper, spore side in, and place it in a zip-lock plastic baggie. Store it in a refrigerator.

*Panaeolus* spores are never reddish or light colored. They are always very dark purplish brown to black. Spore print identification must be used in conjunction with physical comparison of a fresh specimen to the established key which details the size, shape, and color of the specimen as well as the growth habit and habitat.

### *Panaeolus foenisecii*

**Cap:** 13/32" to 1 3/16" wide, variable in shape, bluntly rounded cone shaped to hemispherical with an incurved margin when young; surface smooth, moist but not sticky, occasionally with a dark radially lined margin when moist; overall

continued on page 59

# MUSHROOMS

continued from page 56

color is variable, dull cinnamon or grayish brown to dark smoky reddish brown, can be lighter or darker.

**Gills:** moderately close to almost far apart, broad, bowed out near the margin, rounded where they touch the stem; gill faces are pale chocolate brown to warm brown initially, becoming darkly mottled, finally dark smoky brown with age; spore print is very dark purplish brown.

**Stem:** 1 1/2" to 3 5/32" tall by 5/64" to 9/16" wide, straight to slightly wavy, hollow, brittle, fragile, rigid; surface sometimes has faint longitudinal fibers furrowed or lined in a twisted manner; overall color is almost white to pale brownish grey, pale toward the top, dingy brown below, sometimes with a reddish tinge overall.

**Habit & Habitat:** scattered to grouped in large numbers, very common on lawns, pastures, fields and other grassy places, especially after rains.

**Season:** May through November or until frost.

**Comments:** specimens collected from Seattle tested negative for psilocybin/psilocin (Enos, 1972); work done by Lynus, 1975, indicates psilocybin/psilocin production by this species is temperature and nutrient dependent; optimal temperature range is 65-78 degrees F, generous amounts of nitrogen and phosphorus are required, but not enough to burn lawn grasses.

### Panaeolus subbalteatus:

**Cap:** 51/64" to 2 5/32" wide, hemispherical when very young, occasionally flattened on top appearing hat-shaped; surface smooth and moist, slightly sticky when very young, slightly to decidedly wrinkled or even pitted either in the central portion or overall when mature; color is pinkish cinnamon to dull reddish cinnamon brown when young, becoming dark reddish brown to partly blackish brown in maturity with a darker

continued on page 65

## SECRET OPERATIONS

**THE CONSTRUCTION AND OPERATION OF CLANDESTINE DRUG LABORATORIES**, by Jack B. Nimble, reveals how to select a location for a clandestine drug laboratory, how to cover your tracks, safety precautions, and when and how to shut down your operation to keep out of the slammer. *This book is sold for informational purposes only. 1986, 5 1/2 x 8 1/2, 60 pp, illustrated, soft cover. \$13.00 postpaid.*

## BANNED BOOKS

The famous **LOOMPANICS UNLIMITED** catalog! Huge 8 1/2 x 11, over 200 pages, more than 500 of the most controversial and unusual books ever printed! Crime, Police Manuals, Lock Picking, Drugs, Underground Economy, Unusual Money-Making Ideas, Hiding Out, Living Free, Self Defense, Guns and Knives, Guerrilla Warfare, Basement Nukes, Intelligence Increase, Anarchism, Heresy, Privacy, Tax Avoidance, Deserted Islands, Dodging Big Brother, Fake ID, Revenge, Concealing & Contraband, Life Extension, Reality Creation, Murder, Survival, Science, and much, much more! Our catalog is **The Best Book Catalog In The World!** — You have to see it to believe it! Only \$3.00 from:

Loompanics Unlimited HT93  
PO Box 1197  
Port Townsend, WA 98368

Please send the books I have marked above. I have enclosed \$

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_

# PROVEN RESULTS.



## Free Fertilizer

Maximize growth and production of indoor, outdoor and hydroponic gardens. Safe. Reliable. Water soluble.

**BONUS!** Order 10-lb. box of original 8-8-20 formula and receive FREE 1-lb. special 25-5-20 blooming formula! Just \$14.95 plus \$3 shipping/handling. Free catalog and price list available.

1-800-553-4643  
VISA/Mastercard Accepted

# Dr. Chatelier's

## PLANT FOOD

# Need NEW ID? PRIVACY?



How to get new ID from government sources. State ID's, Birth Certificates, Drivers Licenses, new SSN, Passports, Diplomas, Degrees by mail. Get better jobs. Cover negative records. Solve fingerprint problems. Disappear. Start life over!

#1  \$17.95



Clear bad credit. End debts. Establish new credit. Receive all kinds of credit cards. Establish new credit. Clever credit maneuvers. All your "credit rights" and more!

#2  \$12.95

**HOW TO BEAT THE BILL COLLECTOR.** Sharpest rules of the credit game. #3  \$7.95

**100 WAYS TO DISAPPEAR.** Inspiration for privacy. #4  \$5.95

Create your own privacy! Discover best low-profile methods. Financial privacy. Cash income opportunities. Banking alternatives. Secret hiding places. Avoid violence, surveillance. Hide your assets. Protect mail, telephone. Using other "names." Disguises. Codes. Hideouts. Deep cover. Multiple addresses, and more!

#5  \$18.95

More on new identity. Legal name changes. How to disappear using legal changes. Adopt an alias. Laws on fake ID. "Take-over" ID. Codes used on drivers licenses, SSN, military SPN. Avoid passport problems. Do-it-yourself ID. Sources of private-issue ID. Much more!

#6  \$19.95

## SPECIAL COMBINATION OFFER

SAVE 40%! All 6 Books only \$49.95

Total of Order: \$ \_\_\_\_\_  
(Calif. residents add 6% sales tax)

Postage & Handling (Your choice) { Fourth Class  2.00  
FIRST CLASS  5.00

TOTAL: \$ \_\_\_\_\_

SEND TO:  Send current Book Catalog — FREE.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

EDEN PRESS • 11623 Slater "E" • Box 8410-TH • Fountain Valley, CA 92728

# MUSHROOMS

continued from page 59

radially lined margin when moist.

**Gills:** close or occasionally almost close, moderately broad, bowed out, adnate (squarely attached to stem), inserted in the stem; edges are greyish to white, gill faces are dull reddish brown or reddish grey, becoming blackish mottled from an uneven ripening of the spores; spore print is black, but may have a purplish hue.

**Stem:** 1 9/16" to 3 15/16" long by 5/64" to 13/32" wide, even or tapering to the base, hollow, fleshy, stringy, brittle, may be split vertically; surface vertically grooved especially at the top; overall color is the same as the cap but paler, darker in the lower portion and rarely stained blue.

**Habit & Habitat:** grouped to clustered, occasionally growing in rings; found on open ground (especially if freshly manured), lawns, compost of all kinds, dung, manure, and sometimes in commercial mushroom houses.

**Season:** spring to fall.

**Comments:** common throughout the country.

Generally speaking, *Panaeolus foenisecii* is smaller, more fragile and lighter in weight than *P. subbalteatus*.

Once you are certain you have found *Panaeolus foenisecii* (or *P. subbalteatus*), collect enough for that voyage on the Cosmic Sea, but don't take every last mushroom. Leave some to re-seed (spore) the habitat.

*Panaeolus foenisecii* mushrooms are quite small. Fifty mushrooms is a good starting dose. This may seem like a lot, but it's only a double handful weighing about as much as three or four large *Panaeolus subbalteatus* or two large *Psilocybe cubensis* mushrooms.

The best way to consume the fruit is to puree the dose with tomato juice. The resulting concoction is murky black, but the flavor is agreeable. Fresh mushroom salad is also a tasty preparation.

continued on page 66

## WHOLESALE LIGHT SUPPLIERS

1-800-333-LITE "Don't Pay Retail"

### BASIC KITS (NO REFLECTOR OR ENCLOSURE)

1000 HALIDE (MS 1000) .....	\$150.00
400 HALIDE (MS 400) .....	\$105.00
1000 HIGH PRESSURE SODIUM (LU 1000) .....	\$195.00
400 HIGH PRESSURE SODIUM (LU 400) .....	\$165.00

### EXPANDED KITS (48" REFLECTOR AND STEEL ENCLOSURE)

1000 HALIDE (MS 1000) .....	\$175.00
400 HALIDE (MS 400) .....	\$130.00
1000 HIGH PRESSURE SODIUM (LU 1000) .....	\$225.00
400 HIGH PRESSURE SODIUM (LU 400) .....	\$190.00

C.O.D.'s SHIPPED

DEALER INQUIRIES WELCOME

VISA AND MASTER CHARGE

CALL COLLECT FOR LIGHTS

CARBON DIOXIDE SYSTEMS COMPLETE .....	\$150.00
AIR PURIFIERS - ELIMINATES <i>all</i> ODOR (150 cfm) .....	\$109.00

BOX 3361, SPOKANE, WA 99220-3361

Free Catalogue

# LOVE LINES

ALL ADULT PHONE MESSAGES \$2 PER MIN

# 1-900-988-6010



SUPER SATIVA  
SEED CLUB



The Discern  
Professionals!

THE MARIJUANA  
SEED CATALOG



SUPER SATIVA  
SEED CLUB



EXOTIC SEEDS FROM  
AMSTERDAM

THE MARIJUANA SEED CATALOG

33 COLOR PICTURES

TOP QUALITY MARIJUANA SEEDS:  
INDICA'S, SATIVA'S AND HYBRIDS

U.S.-TOPSTRAINS, EXOTICS  
AND THE ORIGINAL SKUNK #1

CAREFULLY BRED FOR INDOOR  
AND OUTDOOR GROWING

MARIJUANA SEED BREEDING  
AND PRODUCING IS OUR  
PROFESSION



ENCLOSED IS MY \$1 BILL  
(CASH ONLY) FOR A COPY  
OF THE MARIJUANA SEED  
CATALOG

NAME .....

ADDRESS .....

TOWN .....

STATE/ZIP .....

SEND VIA AIRMAIL TO:  
S.S.S.C. - POSTBUS 1942  
1000 BX AMSTERDAM - HOLLAND  
DISCRETION ASSURED.

## Mel Franks' *NEW!* Marijuana Grower's Insider's Guide

Mel Frank, author of the classic bible *Marijuana Grower's Guide Deluxe*, has resurfaced with an amazing new book. It's won raves from the experts. Every aspect of cultivation is covered, and new secrets are revealed in straight-talking, easy-to-understand steps. 380 pages, 200 photos, THC graphs, drawings, charts.



**YOU TOO WILL BECOME A MASTER GROWER**  
Greenhouses • Halides • HPS • Backyards • Mini-gardens to commercial production • Soil and Hydroponics • Increase potency • Triple yield • Eliminate Rot and Mites

Marijuana Grower's Insider's Guide (New!)	\$19.95	_____
Marijuana Grower's Guide Deluxe (Bible)	\$19.95	_____
Regular postage and handling	add per book \$3.00	_____
Rush order/priority mail	add additional per order \$3.00	_____
<b>SAVE \$9.</b> Order both books-sent rush!	\$39.90	_____
California residents only	tax per book \$1.50	_____
<b>Total enclosed</b>	_____	_____

### MARIJUANA Grower's Guide



**Marijuana Grower's Guide Deluxe**  
330 pages, 150 B&W photos, 50 color photos, index, bibliography  
Send order with check or money order payable to:

Red Eye Press  
PO Box 65751  
Los Angeles, CA 90065

# MUSHROOMS

continued from page 65

If you have a lawn at home it is possible to seed it with *Panaeolus foenisecii* (or *P. subbalteatus*) spores from the print you saved in the refrigerator. First take a good look at your lawn. Is it deep green and healthy? If not, water it regularly (at night is best to promote mushroom fruiting), but don't overwater. Fertilize it with high nitrogen, high phosphorus fertilizer according to directions supplied with the fertilizer. Mow it regularly. When your lawn is lush and beautiful, take that spore print and scrape the spores off the paper into the grass in a section of the lawn that gets some shade. Then be patient and continue to take good care of your lawn. Your neighbors will approve and smile at your diligence.

Happy sailing.

### Notes:

1. *Mushroom Handbook*, Louis C.C. Krieger, p. V.
2. *Entheogens*, Journal of Psychedelic Drugs, Vol 11 (1979), R. Gordon Wasson et al, "We, therefore, propose a new term that would be appropriate for describing states of shamanic and ecstatic possession induced by ingestion of mind-altering drugs. In Greek the word *entheos* means literally 'god (theos) within.... the Greek root *gen-*, which denotes the action of 'becoming', this word results in the term that we are proposing: *entheogen*."

### References:

- The Mushroom Handbook*, Louis C.C. Krieger, Dover Publications Inc. (1967)  
*The Savory Wild Mushroom*, Margaret McKenny, University of Washington Press. (1974)  
*Mushrooms and Penn State*, Robert Snetsinger, Pennsylvania State University, College of Agriculture, Agriculture Experiment Station University Park, Pennsylvania. (1970)  
*A Key to the American Psilocybin Mushroom*, Leonard Enos, A Youniverse Production. (1972)  
*PSILOCYBIN Magic Mushroom Grower's Guide*, O.T. Oss, O.N. Oeric, And/Or Press. (1976)  
*The Compleat Psilocybin Mushroom Cultivator's Bible*, Hongero Press. (1976)  
Unpublished Youniverse Project research by Lynus. (1975)  
"Entheogens", Carl A.P. Ruck, Jeremy Bigwood, Danny Staples, Jonathan Ott & Gordon Wasson, *Journal of Psychedelic Drugs*, Vol. 11. (1979) ●

## TAKE THE BEST **LIVING SYSTEM** FORGET THE REST

**Living System** is more than just a growing apparatus. It is a scientifically proven approach to horticulture so fool-proof even first time users will achieve guaranteed minimum yields. But most important is that many customers nationwide over the last six years continue to enjoy the benefits of lush indoor gardens all year round. They report greater yields and higher quality in less time. Bottom line is quicker return on time and investment. See why more and more indoor growers are taking their needs to **Light Mfg. Co.**

### Suncircles

- 1 Light System 8 x 8 room. 139.95
- 2 Light System 10 x 10 room. 189.95
- 3 Light System 12 x 12 room. 249.95

### Lighting

- 1000w Metal Halide w parabolic reflector 189.95
- 1000w HPS w parabolic reflector 259.95
- 400w Metal Halide w 2' cone reflector 139.95
- 175w Halide or 150w HPS mini-horizontal light 109.95

### Living Systems

- Basic System includes Heart, six (6) cells and Nutrient Supply Center 161.00
  - Expandable to 72 cells, with 6, 12, and 18 cell kits.
  - Six (6) cell access kit includes—pump, timer, nutrients, pH up, pH down, pH adjustment dispenser, bloom builder, rockwool, and pH test kit. 117.60
  - Basic System and Access Kit 264.49
  - Twelve (12) cell system with accessory kit. 342.30
  - Thirty-six (36) cell system with accessory kit. 659.90
  - Sixty (60) cell system with accessory kit. 999.95
- All Systems and access kits are discounted 5% when purchased together.

### CLOSET SYSTEM

- Six (6) cell Closet system expands to Living System with Heart and Nutrient Supply Center. Includes pump, timer, nutrients, pH down, rockwool, 6 Living System cells. 149.90
- Ten (10) cell Closet Nursery. Includes 10 Living System growth modules, pump, timer, nutrients, pH down, rockwool, test kit, reservoir tray. 149.90
- Closet system with mini-horizontal 254.95

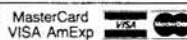
### CREATE YOUR OWN CUSTOM SYSTEM

• All Living System components, accessories and parts may be purchased separately for those who wish to create their own custom or experimental growing system.

### FREE PHONE CONSULTATION

• Feel free to call us at (503) 231-1582 with your indoor growing questions. One of our experienced consultants will gladly assist you. Visit our showroom today for a demonstration of our continuous production system and a look at our line of horticultural products.

### SAME DAY SHIPPING SERVICE



FREE CATALOG

DEALER INQUIRIES WELCOME



This hydroponic unit is one of the most versatile and productive on the market today. — Jorge Cervantes

### CELL

- Individual and interchangeable growth modules, shut-off clamp with easy disconnect. \$11.00

### HEART

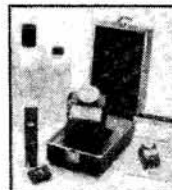
- Adjustable nutrient flow; automatic flush and drain; total nutrient recirculation. \$55.00

### NUTRIENT SUPPLY CENTER

- Five gallon mixing reservoir, nutrient level regulation; reservoir expansion port. \$50.00

### CO<sub>2</sub> INJECTION SYSTEM

- Complete with timer and instructions. \$139.90



### ELIMINATE GUESSWORK

Follow our recommendations with precision by using our Professional Parts Per Million (PPM) Meter with padded case and standard solution to monitor nutrient concentration for only \$179.90. And our electronic pH Pen with standard solution to check system pH for only \$49.90. Free estimates given on complete systems including Lights, timers, fans, CO<sub>2</sub>, nutrients, pH adjustment, reflectors, mylar, and rockwool.

**30 DAY MONEY BACK GUARANTEE**



**CALL NOW TOLL FREE AT 1-800-NOW-LITE**  
Light Manufacturing Company 1634 S.E. Brooklyn, Portland, OR 97202