



ORBITING WEATHER BUREAU—Technicians fit the satellite shell over instruments contained in the new Vanguard II, which has since been successfully launched from Cape Canaveral. The 20-inch sphere will act as an orbiting miniature weather bureau, picking up information regarding hurricanes and transmitting it back to the earth.



Small Worlds Around Us

By Lynn M. Watkins

The Mollusk's Shell Is His Castle

They say a man's castle is his home. Here he is secure. The lowly mollusk, living within the shell of his own creation, is also secure in what suffices for his home. Skillfully and beautifully it is fastened to meet the physical requirements of its owner.

The outside may be drab and rough, or tinted with bright colors, and as shiny and glossy as a minnow. On its outer surface may be designs and geometric patterns of intricate lines and a veritable labyrinth of complicated figures and hieroglyphics.

Many of the mollusks have the ability to move from place to place, carrying their beautiful homes with them.

There are veritable gaping chasms of unknown secrets, regarding the story of mollusca. This science actually is divided into two classes, conchology, the study of the shell itself, and the all-embracing malacology, the study of the shell and the animal within which created the shell.

60,000 Species

The conchologists have classified somewhere around 60,000 species of mollusks and probably have not yet located thousands more which

they suspect exist. They have listed about 22,000 extinct species. The total probably will exceed 150,000.

Evidence indicates that shells existed in the Paleozoic Era or beyond. Even in this remote time, some had reached an advanced age of specialization, indicating rather conclusively that they appeared on the scene much earlier.

About 75 per cent of the known species are univalve, or single shell. The snail, whelk, and conch belong to this group. The remaining 25 per cent are bivalve, the oyster and clam being representative of these two-shelled varieties. The great number of univalves have no fixed place of abode, but possess the power of limited movement. They are generally classified in a lower order than the bivalves.

Flesh-Eaters
A great many of the univalves are carnivorous or flesh-eaters. They are equipped with a long tongue or radula containing rows of sharp teeth, capable of cutting a hole in the heavy shell of a clam or oyster. They possess a keen sense of smell and follow the scent of meat for considerable distances through the water.

Their hearing is of a low order, but reacts readily to vibration and outside stimuli. The bivalves have two siphons that draw the water and after the tissue and stomach of the animal digest the suspended food, the water is ejected, and the process goes on. It has been estimated that an oyster will strain 25 gallons of water a day. Along with this food are also the minerals that the mollusk uses to build or add to its home as it grows.

15,000 Feet Down
Live shell have been dredged from a depth of 15,000 feet, indicating that this phylum of invertebrates have adapted nearly all the ocean bottom as their habitats.

Bivalves have been found that weigh a quarter of a ton and are of the great family of clams.

Shells have played an important part in the history of human race. They have been used as personal adornment, as money, as utensils and as food for people everywhere. They form a definite part of Mother Nature's great master plan, these mansions of the mollusks.

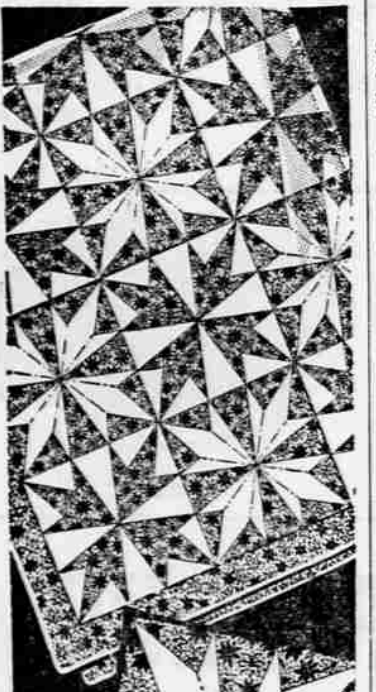
(Released by The Register and Tribune Syndicate, 1959)

Chicago's motto is "Urbs in Horto" which means "City in a Garden."

Court Records
Municipal Court
Ted Dean Yarnell, violation basic rule, \$10.
Agnes Marie Hansen, violation basic rule, \$10.
Lewis Leroy Guyer, disobeyed traffic signal, \$5.
Henry Fong violation basic rule, \$10.
Nedra Ruth Lindsay, disobeyed traffic sign, \$5.
Omer Palmer Dunn, violation basic rule, \$10.
Paul William Garren, violation basic rule, \$10.
Charles J. Goodman, route 4, box 389B, Medford, reckless driving, \$25.
Donna Myrtle Johnson, violation basic rule, \$10.
Evelyn Florence Renhard, disobeyed traffic sign, \$5.
Adam A. Ridley, violation basic rule, \$10.
Carl Wallace Fincher, disobeyed traffic sign, \$5.
Mark William Hoeft, violation basic rule, \$10.

Our new 1959 Alice Brooks Needlecraft Catalogue has many lovely designs to order: crocheting, knitting, embroidery, quilts, dolls, weaving. A special gift, in the catalog to keep a child happily occupied—a cutout doll and clothes to color. Send 25 cents for your copy of the book.

Four-Patch Quilt



7071

by Alice Brooks

This Turnabout quilt takes only four patches and two materials. In true Colonial style it will be an heirloom.

Pattern 7071: pattern of patches, charts, directions, yardages for single, double bed quilt. All will admire this.

Send Thirty-five cents (coins) for this pattern—add 5 cents for each pattern for 1st-class mailing. Send to Medford Mail Tribune, Household Arts Dept., P.O. Box 168, Old Chelsea Station, New York 11, N.Y. Print plainly NAME, ADDRESS and PATTERN NUMBER.

Our new 1959 Alice Brooks Needlecraft Catalogue has many lovely designs to order: crocheting, knitting, embroidery, quilts, dolls, weaving. A special gift, in the catalog to keep a child happily occupied—a cutout doll and clothes to color. Send 25 cents for your copy of the book.

Family Council

Geraldine J. — I am hurt at his criticisms.
Daniel S. — I am trying to help her.

Geraldine J.—I am 24 years old and I'm engaged to a man three years older. Daniel comes from a very educated, cultured family and I feel somewhat lacking in background when I come up against them.

I have told Dan that I want him always to be frank and honest with me and to let me know if I am not measuring up to what his family would expect in his wife. I didn't go to college and my parents never taught me some of the things that are so important in better circles.

Ever since I told this to Dan he has been criticizing me so much that I am beginning to wonder whether I will ever be able to measure up. Sometimes he imitates my mannerisms or way of speaking and he can be quite sarcastic. I find myself feeling very hurt and angry and I am beginning to wonder whether I will feel this way after marriage.

Daniel S. — I am trying to help Gerry, not hurt her. I realized when I start going with her that the difference in our backgrounds might become a problem, but I figured it would iron itself out somehow.

I was very happy when Gerry asked me for criticism because I realized that she has the desire to improve herself. This is quite important because I don't want my family looking down on her. Everyone in my family is in the professional class.

I think it is so important always to be honest and that's why I am seriously upset with Gerry's reaction. It is a number one rule of marriage to be absolutely frank with your spouse. I certainly won't be able to hide my feelings when Gerry makes mistakes after we are married. Gerry should be happy that she has someone to guide her.

The Council: We don't go along with Daniel's notions at all and we think Geraldine ought to reconsider her situation very carefully.

Daniel sounds quite pompous and is filled with too many false notions about marriage. We don't think there are number one or number two rules for marriage, but if there were we would put consideration and tenderness toward one's partner at the top.

Sarcasm and constant criticism are not forms of consideration and tenderness. Daniel likes to see himself in a good light and therefore covers these forms of cruelty in high-sounding terms like honesty.

He claims he wishes to "guide" his fiancée, but somehow the result is a wound to her. Geraldine does not sound like a girl who would be hurt by criticism if hurt were not intended. The fact that she asked to be taught things indicates that she is mature and eager for growth and change. Dan has taken advantage of her suggestion and given vent to an impulse he probably would have kept hidden until after marriage.

The fact that Daniel fears his family will "look down" on Geraldine is a very unfavorable element in the whole picture. If he were sure of his own love, he would be convinced that his family would see her lovely traits provided they are goodwilled individuals and not stupidly snobbish.

Daniel really believes he is marrying out of his class and he resents it. We think it likely that Geraldine is too good for him and should leave him to his "class."

(Copyright 1959, General Features Corp.)

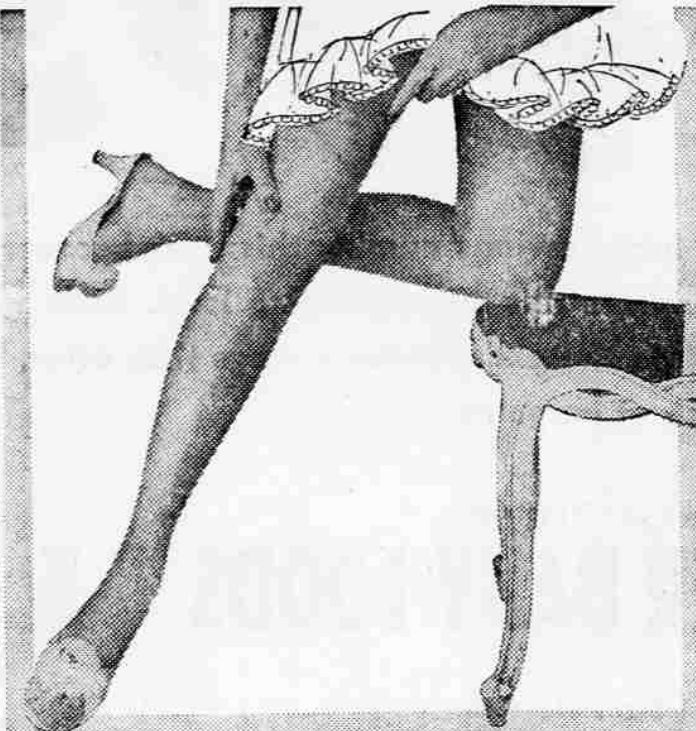
Sockeye salmon appear in unusually great numbers every four years and Pacific coast canneries make special preparations to handle and pack the anticipated "bump" crop.

FAT OVERWEIGHT

Now available to you for first time without a doctor's prescription, our new drug called ODRINEX. You must lose ugly fat in 7 days or your money back. No more starvation diets, strenuous exercise, laxatives, massage or taking of so-called reducing candies, crackers or cookies or chewing gum. ODRINEX is a tiny tablet and easily swallowed. Absolutely harmless. When you take ODRINEX, you still enjoy your meals, still eat the foods you like, but you simply don't have the urge for extra portions because ODRINEX depresses your appetite and decreases your desire for food. Automatically your weight must come down because as your own doctor will tell you, when you eat less you weigh less. Get rid of excess fat and live longer. ODRINEX is sold on this GUARANTEE. You must lose weight within 7 days or your money back. Just return the package to your druggist and get your true amazing prices, it pays to outfit all your daughters for now and right through warm weather! 3 to 6X — 7 to 14 GIRLS' DRESSES—SECOND FLOOR

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GAYMODE NYLONS

Every pair perfect! 10 gauge 15 denier Micro mesh. Dark seams for dramatic leg glamour. Penney's sheers have everything you want at an incredible low price. First-quality nylons give you sheerness plus wear. Sizes 8½ to 11. Colors Gala, Confetti and Jubilee.

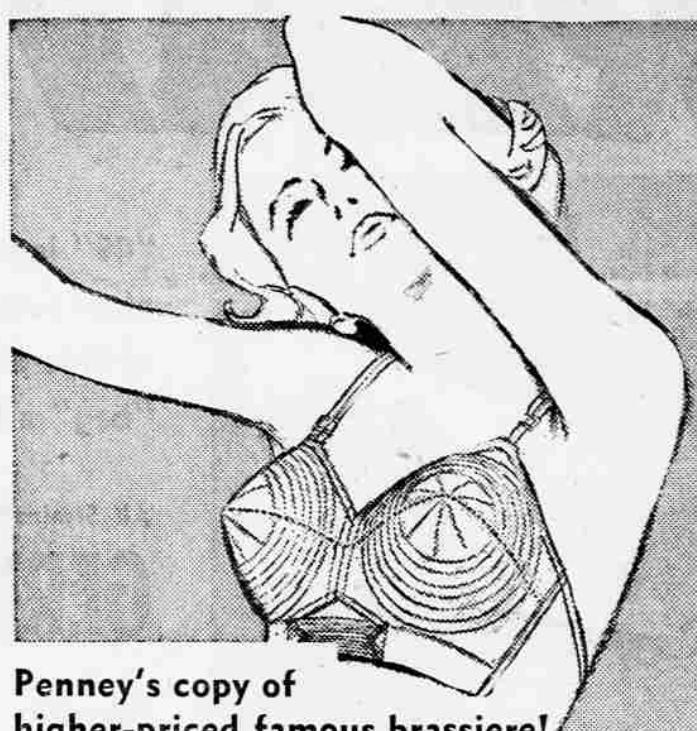
PENNEY'S STREET FLOOR

69¢

GIANT \$\$ BUDGET

MORE TIME TO SAVE!

SHOP



Penney's copy of higher-priced famous brassiere!

CIRCLE-CUP BROADCLOTH

What a buy! Sanforized* white cotton broadcloth bras with the stitched cups, the flexible elastic inset you'd expect to find at higher prices! Stock up now!

*Maximum residual shrinkage 1% PENNEY'S STREET FLOOR

55¢

Sizes 32-36, A; 32-38, B; 34-40, C



CHENILLE ROBE SPECIAL!

Choose full length or duster length! Either way you're bound to save more at Penney's! These perfect quality cotton chenille robes are marvelous buys at this price! Full cut, large pockets. Three luscious colors: rose, melon and aqua. Buy them for the gift-giving season ahead!

PENNEY'S STREET FLOOR

\$3.

duster, 12-18; 40-44 full robe, 12-18

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✓ check these Boys' Rugged 10-oz. BLUE DENIM JEANS

1.00

Sizes 4 and 12
Hefty 10-ounce Sanforized blue denim jeans. Reinforced, heavy duty zipper. Machine washable.

✓ check these Men's Chambray WORK SHIRTS

1.00

Compare this buy! Full cut, perfectly made sanforized blue chambray. Sizes 15 to 17.

✓ check these SPECIAL! GIRLS' LINED DRIVING COATS

3.99

Specially priced Perfect school jacket in poplin with warm cotton quilted lining. Complete with hood. Tan. Sizes 7 to 14.

✓ check these Save! Quality LUGGAGE

2-piece Set \$28

Long-wearing vinyl coverings in gray or tan. Lustrous rayon linings! Durable construction!
Train Case\$8
Weekend Case\$8
26-inch Pullman\$12

✓ check these Boys' Sanforized Cotton Flannel PJ's

1.77

Sizes 8-14
Cotton flannel pajamas are full cut, machine washable, and all perfect.

✓ check these MEN'S FULL LENGTH COTTON-NYLON WORK SOCKS

4 PRS. \$1

Cotton, nylon throughout. Nylon reinforced heel and toe. Shrink resistant. White, random gray. Sizes 10 to 13.

✓ check these Infants SNOW SUITS

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Priced to clear out. 100% dacron with detachable booties and mittens. Pink, maize or mint green. 18 months to 3 years. SECOND FLOOR

✓ check these Men's Khaki Twill SHIRTS

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Terrific buy—perfect quality 6½ ounce khaki twill shirts. Made for rugged wear. Sizes 15 to 17. Matching pants 2.50.

✓ check these 24"x70" Rug RUNNERS

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Tremendous value! Heavyweight cotton loop pile with skid resistant rubber coated duck backing. All colors.

✓ check these BOYS' SOCK SPECIAL!

3 PRS. \$1

Terrific selection of perfect quality cotton socks with reinforced toe and heel. Stock up!

✓ check these 100% NYLON PANEL CURTAINS

1.00

Hard to believe, but you get 100% nylon marquisette panels at these tremendous low prices! All perfect quality, too. Size 41x81. White only.

✓ check these MEN'S STRETCH NYLON SOCKS

2 Pair \$1

Perfect fitting, stretch hose in smart new patterns. Sizes small, medium, large.

✓ check these Men's DRESS SHIRTS

3 for \$5

Truly a remarkable value. 136x60 count combed white broadcloth perfectly tailored. Sizes 14½ to 17.

✓ check these SAVE! INFANTS' TRAINING PANTS

3 FOR \$1

Perfect quality, soft cotton knit training pants with triple crotch and double body.

✓ check these Toddler BOY CAPS

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Out they go. Leathers, nylons or twills. All marked down to clear. SECOND FLOOR

✓ check these 24" De LUXE POWERFUL MOWER! SAVE!

55.00

4-Cycle, 3-H.P. Engine Precision built with full 24-inch cutting surface, leaf mulcher attached. Adjustable cutting height. Briggs-Stratton motor. One year warranty.

✓ check these Women's FULL SLIPS

1.00

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✓ check these GIRLS' NYLON BOUFFANT MISSES SLIPS

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Nylon sissy frills! Ruching! Elasticized waist! And it machine washes in warm water! White, pink, or red. Sizes 4 to 14.

✓ check these Boy's Zipper JACKETS

2.77

Water repellent. Spring weight, colorful plaids. Slash pockets, machine washable combed cotton. Age 12 to 16.

✓ check these Women's Wool SHORT COATS

10.00

Spring's newest styles in rich all wool fleeces and textured sax-onies. Designed detailed tailoring. 8 to 18.

✓ check these Save! 100% Acrilan Blankets

8.88

The magic blanket—warmth without weight. Beautiful colors. Large 72"x90" size. Nylon bound. Machine washable.

✓ check these Boys' Double-Knee 10-oz. Denim Jeans

1.44

Strong, durable 10-ounce denim jeans with extra wear in the double knees. Sanforized. Sizes 4 to 12.

✓ check these MEN'S PAY DAY BIB OVERALLS

2.98

Penney's proportion sized overalls of top quality denim, feature "rigid construction" . . . triple stitched seams to cope with the roughest jobs. Completely sanforized. Sizes 30 to 46.

✓ check these Women's SPRING BLOUSES

1.50

Fine cottons in cotton solids or stripes. Tailored roll-up sleeve and dainty lace-trimmed styles! White or pastels. 32 to 38.



GIRLS' BETTER DRESSES

Better cottons include top name Wash 'n' Wear fabrics. Little or no ironing! Note the spring-tuned patterns and colors! See the top tailoring, head-turning styles, pretty details! At these amazing prices, it pays to outfit all your daughters for now and right through warm weather! 3 to 6X — 7 to 14 GIRLS' DRESSES—SECOND FLOOR

\$2 - \$3



TERRIFIC BUY! RAYON COTTON DAMASK Table Cloth and Napkin Set

Amazing but true! Fine quality self patterned cotton and rayon damask table cloths with matching napkins at big factory closeout price!
5 Pz. Set 50"x50" Cloth with 4 Napkins.....\$1
7 Pz. Set 50"x66" Cloth with 6 Napkins.....\$2
9 Pz. Set 56"x76" Cloth with 8 Napkins.....\$3
9 Pz. Set 60"x90" Cloth with 8 Napkins.....\$4
13 Pz. Set 60"x102" Cloth with 12 Napkins.....\$5

\$1.



9x12 ROOM SIZE RUG In Plushy Cut Pile

Get Penney's perfect quality, deeply napped cotton rugs for far less than you had hoped possible. Made of heavy ply yarn that is both washable and colorfast. Non-skid backing. Ten lovely colors. Heavy jute.

SPECIAL

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9 ft. and 12 ft. Rugs Pads \$5.95