Small Worlds Around Us

By LYNN M. WATKINS

(Register and Tribune Syndicate 1962)

Architectural Miracle – The Spider's Web

Just take a minute some day to look carefully at a spider's web. Not the ragged, tag-end cobweb hanging from a rafter or a living room ceiling, but the masterpiece of architectural symmetry made by any of the orb-weaver spiders – the common garden spider for instance. You will find it in the most logical place: right in a garden.

Viewing one of these exquisite doily-like structures – especially on a dewy morning when the summer sun enhances the dew-drops to jewel-like perfection – should instill in the most blase of us an inspiring awe of the wonders of things, for the spider's web is the rarest and most exquisitely beautiful of Nature's symmetries.

The web will be stretched between two bushes, sometimes several feet apart. One end may even be attached to the corner of a building, a fence post or a tree. The web is strategically placed. She who constructed it had a pretty good idea of how many flying insects would come that way, so the web is placed to intercept the greatest number.

Any Distance

Neither does Mrs. Spider care how far apart the anchor post happens to be; she is capable of running the anchor lines any distance. Then, the two ends secured, she selects a place somewhere along their lengths to construct the geometrical web. Then, the two ends secured, she selects a place somewhere along their lengths to construct the geometrical web. Anchor lines first, of strong tensile strength; then cross lines, radii and spokes.

Remarkable that Mrs. Spider really can't see what she is doing as the silken lines are forming behind her. Her spinnerets are located at the rear end of the abdomen – tiny, finger-like nozzles connected by tubes to silk ducts inside her body.

What will be the web is a liquid until it strikes the outside air, but instantly it hardens into silk.

She can spin sticky or non-sticky lines, and can spin them of several strands if she wants a strong guywire, or of one or two strands if strength is not necessary. Under her direct control is the sort of silk she produces. Those web-lines that catch and hold insect prey are sticky, while the lines she uses for a highway back and forth across the web are dry.

Leg Measurements

She spaces the radii and the spokes by using leg measurements. Placing one foreleg on a line already in place, she spins another, and the distance between the lines will be the length of her rear leg. The space between each spoke and cross line will be equally spaced. The bigger the spider, the farther apart will be the lines.

She leaves an opening in the web, sort of a free zone, whereby she can be on either side. In the web's center the garden spider will spin a sheet of silk on which she will rest, head downward, while she waits for an insect to run into the web.

She is a true "blue-blood," for her blood is a pale blue color because of the copper in her blood rather than the iron that helps to make human blood red.

FINISHED SYMPHONY

Moscow – (UPI) – Composer Dmitri Shostakovich has finished the draft of the piano score for his 13th Symphony, according to the Soviet news agency Tass. It said the first hearing of the symphony will take place in a two-piano transcription when he returns from Edinburgh, Scotland. The symphony is dedicated "to the great fatherland war of the Soviet people, against fascism," Tass said.

Lumber comprises 80 per cent of the construction material used in the U.S.

LEGAL NOTICES

NOTICE OF HEARING ON FINAL ACCOUNT
No. 10557
IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF JACKSON
PROBATE DEPARTMENT
In the Matter of the Estate of HAROLD ANDREW SPRAGUER, Deceased

Notice is hereby given that the undersigned have filed their final account and report in the above entitled estate and that by an order of the circuit court of the state of Oregon for the county of Jackson, Probate Department, the hearing upon the same has been set for the 10th day of September, 1962 in Circuit Courtroom No. 2 of the Jackson County Courthouse at Medford, Oregon, at the hour of 10:00 o'clock a.m.

All persons having objections thereto are hereby notified to present the same on or before such time. The date of first publication of this notice is the 9th day of August, 1962.

The United States National Bank of Portland, Oregon, and A. C. Fries, Jr., Executors of the Estate of Harold Andrew Sprague, Deceased
Duncan, Brophy, Wilson & Duhaime
209 Franklin Building
Medford, Oregon
Attorney for Executors

NOTICE OF HEARING ON FINAL REPORT AND ACCOUNT
IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR JACKSON COUNTY
IN THE MATTER OF THE ESTATE OF HATTIE O. ANDERSON, deceased

NOTICE IS HEREBY GIVEN that the undersigned administrator with will annexed of the above estate has filed herein his final report and account and that Monday, September 24, 1962, at 9:30 A.M. at the courthouse in the city of Medford, Jackson County, Oregon, has been fixed by the above named court as the time and place for hearing objections to said final report and account and for the examination and allowance thereof.

Dated and first published this 23rd day of August, 1962.

JAMES FOSTER, Administrator with Will Annexed
FROHNMAYER, LOWRY, HOGAN & DEATHERAGE
Attorneys

LEGAL NOTICES

NOTICE TO CONTRACTORS

Sealed proposals addressed to the City of Medford, Oregon, and addressed "Proposal for construction of a storm sewer on Woodlawn Drive and Highland Drive," will be received at the office of the City Recorder until 11:00 a.m., Standard Time on the 29th day of August, 1962, and thereafter will be publicly opened and read and will then be referred to the City Council.

The proposed work consists of furnishing and installing 812 lineal feet of 12" and 15" concrete pipe.

Plans, special provisions, general specifications, and contract agreements may be obtained at the office of the City Manager, City Hall, Medford, Oregon.

Bids must be accompanied by a certified check, equivalent to 5% of the proposal payable to the City Treasurer of the City of Medford, Oregon to guarantee that if a proposal is accepted, a contract will be entered into and its performance secured. A bidder's bond to like effect and amount with a corporate surety will be acceptable for this project. Bids must be in writing and signed by or on behalf of the Bidders.

All of the provisions of Chapter 627, Oregon Laws of 1959, relating to Wage Rates to be paid on all contracts for Public Works in this State must be complied with.

The City of Medford reserves the right to reject any and all bids and accept such bids as are to the best interest of the City.

CITY OF MEDFORD, OREGON
By Vernon Thorpe
Public Works Director
Dated: August 22, 1962

NOTICE TO CONTRACTORS

Sealed bids endorsed "Proposal for the Installation of Water Mains on Hillcrest and Foothill Roads and Littrell Drive in the City of Medford, Oregon", will be received by the Board of Water Commissioners of the City of Medford, Oregon, at the Water Commission office in the City Hall, Medford, Oregon, until 11:00 A.M. on the 5th day of September, 1962, and will then be publicly opened and read.

The work will be paid for by Water Commission check-warrants, funds for the redemption of which are available.

The work includes the following:
Approximately 3,025 linear feet Trench Excavation and Backfill
Approximately 340 cu. yds. Rock Excavation
Approximately 2,271 linear feet Install 16-inch Cast Iron Pipe
Approximately 1,323 linear feet Install 12-Inch Cast Iron Pipe
Approximately 1,431 linear feet Install 6-Inch and 4-Inch Cast Iron Pipe
Approximately 19 each Valves
Approximately 5 each Fire Hydrant Assemblies
Approximately 7,690 lbs. Cast Iron Fittings

Plans and Specifications may be obtained from the Water Commission office in the City Hall at Medford, Oregon, upon deposit of Fifteen ($15.00) Dollars, which sum so deposited will be refunded if said Plans and Specifications are returned in good condition within 5 days after the bid opening.

Bidders shall pre-qualify under Sections 279.012, 279.014 and 279.018, Oregon Revised Statutes.

The right is reserved to reject any and all proposals and to accept such proposals as is to the best interest of the City.

Dated this 15th day of August, 1962.

CITY OF MEDFORD BOARD OF WATER COMMISSIONERS
By Robert L. Lee, Superintendent

NOTICE TO CREDITORS
NO. 11466
IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR JACKSON COUNTY
In the matter of the estate of MARK ABNER GREEN, also known as Abby Green, deceased

NOTICE IS HEREBY GIVEN that the above court has appointed the undersigned executor of the estate of MARK ABNER GREEN, also known as Abby Green, deceased. All persons having claims against said estate are hereby required to present the same with proper vouchers within six months from this date at the offices of Frohnmayer, Lowry, Hogan & Deatherage, Cooley Theatre Building, Medford, Oregon.

Dated and first published this 16th day of August, 1962
GLENN L. JACKSON, executor

No. 11465
NOTICE TO CREDITORS

NOTICE IS HEREBY GIVEN that the undersigned has been appointed Administratrix of the Estate of Roy Donald Funderburk, deceased, by the Probate Department of the Circuit Court of the State of Oregon for Jackson County.

All persons having claims against said estate are hereby required to present the same, with proper vouchers, within six months from the date of the first publication hereof, at the office of Jones, Roeder and Bashaw, attorneys for the administratrix, at 204 Fluhrer Building, Medford, Oregon.

Dated and first published this 16th day of August, 1962.

ALICIA GALE FUNDERBURK
Administratrix

LEGAL NOTICES

NOTICE OF FINAL ACCOUNT

In the Matter of the Estate of Paul Hoffnecht, also known as Paul Hober, deceased.

Notice is hereby given that the undersigned, as administratrix of the estate of Paul Hoffnecht, also known as Paul Hober, deceased, has filed her final account in the Circuit Court for Jackson County, and that Monday, the 27th day of August, 1962, at the hour of 9:30 o'clock in the forenoon of said day and the court room of said court have been appointed by said court as the time and place for the hearing of objections thereto and the settlement thereof.

Dated and first published: July 26, 1962.

Date of last publication: August 23, 1962.

Altha Leroy
Administratrix

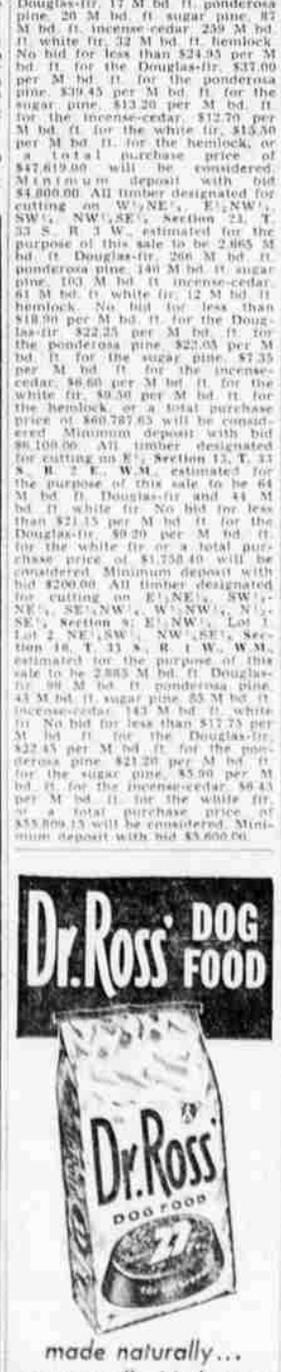
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN THAT A PUBLIC HEARING WILL BE HELD BY THE CITY COUNCIL OF THE CITY OF PHOENIX, OREGON, ON THE 27th DAY OF AUGUST, 1962, AT THE CITY HALL, PHOENIX, OREGON, AT 8 P.M. PACIFIC STANDARD TIME, FOR THE PURPOSE OF HEARING OBJECTIONS TO OR RECOMMENDATIONS FOR THE PROPOSED ORDINANCE ENTITLED:

"AN ORDINANCE ZONING THE CITY OF PHOENIX, OREGON, REGULATING AND PRESCRIBING THE USES TO WHICH THE PROPERTY IN SAID ZONES MAY BE PUT OR USED, REGULATING AND RESTRICTING THE ALTERATION AND CONSTRUCTION OF BUILDINGS WITHIN THE CITY OF PHOENIX, OREGON; PROVIDING PENALTIES FOR VIOLATION THEREOF; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH, AND DECLARING AN EMERGENCY."

THE CITY COUNCIL OF THE CITY OF PHOENIX, OREGON
BY FRANCES STEVESON
RECORDER

TIMBER FOR SALE, UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT. **ORAL AUCTION BIDS** as hereinafter designated will be received by the District Manager, Bureau of Land Management, BLM Warehouse Area, Armory Drive, Medford, Oregon (Mailing address 1133 S. Riverside), at 10:30 A.M., **PACIFIC STANDARD TIME**, on Thursday, September 13, 1962, for all timber marked or designated for cutting. Before bids are submitted, full information concerning the timber, the conditions of sale and submission of bids should be obtained from the above District Manager. The right is hereby reserved to waive technical defects in this advertisement and to reject any or all bids. The United States reserves the right to waive any informality in bids received whenever such waiver is in the interest of the United States. **IN JOSEPHINE COUNTY, OREGON: O&C:** All timber designated for cutting on W½E½, NE¼NE¼, NE¼SW¼, **Section 25, T. 39 S., R. 5 W., W.M.**, estimated for the purpose of this sale to be 587 M bd. ft. Douglas-fir, 10 M bd. ft. ponderosa pine, 22 M bd. ft. incense-cedar, 74 M bd. ft. white fir. No bid for less than $23.30 per M bd. ft. for the Douglas-fir, $28.75 per M bd. ft. for the ponderosa pine, $12.25 per M bd. ft. for the incense-cedar, $9.95 per M bd. ft. for the white fir, or a total purchase price of $15,087.80 will be considered. Minimum deposit with bid $1,800.00. **IN KLAMATH COUNTY:** All timber designated for cutting on SW¼NE¼, SE¼SW¼, NW¼SE¼, **Section 15;** SE¼NE¼, **Section 21;** S½NW¼, N½S½, **Section 23;** NE¼E½, **Section 25, T. 38 S., R. 5 E., SW¼, Section 19;** N½NW¼, **Section 30, T. 38 S., R. 6 E., W.M.**, estimated for the purpose of this sale to be 6 M bd. ft. Douglas-fir, 214 M bd. ft. white fir, 19 M bd. ft. Shasta red fir, 5 M bd. ft. ponderosa pine, 13 M bd. ft. white pine. No bid for less than $23.15 per M bd. ft. for the Douglas-fir, $9.45 per M bd. ft. for the white fir, $9.65 per M bd. ft. for the Shasta red fir, $37.65 per M bd. ft. for the ponderosa pine, $36.45 per M bd. ft. for the white pine, or a total purchase price of $3,122.25 will be considered. Minimum deposit with bid $350.00. **IN JACKSON COUNTY:** All timber designated for cutting on E½NE¼, SW¼NW¼, NW¼SW¼, **Section 3, T. 34 S., R. 2 E., W.M.**, estimated for the purpose of this sale to be 1,634 M bd. ft. Douglas-fir, 17 M bd. ft. ponderosa pine, 20 M bd. ft. sugar pine, 87 M bd. ft. incense-cedar, 259 M bd. ft. white fir, 32 M bd. ft. hemlock. No bid for less than $24.95 per M bd. ft. for the Douglas-fir, $37.00 per M bd. ft. for the ponderosa pine, $39.45 per M bd. ft. for the sugar pine, $13.20 per M bd. ft. for the incense-cedar, $12.70 per M bd. ft. for the white fir, $15.50 per M bd. ft. for the hemlock, or a total purchase price of $47,619.00 will be considered. Minimum deposit with bid $4,800.00. All timber designated for cutting on W½NE¼, E½NW¼, SW¼, NW¼SE¼, **Section 24, T. 33 S., R. 3 W.**, estimated for the purpose of this sale to be 2,865 M bd. ft. Douglas-fir, 266 M bd. ft. ponderosa pine, 140 M bd. ft. sugar pine, 103 M bd. ft. incense-cedar, 61 M bd. ft. white fir, 12 M bd. ft. hemlock. No bid for less than $18.90 per M bd. ft. for the Douglas-fir, $22.25 per M bd. ft. for the ponderosa pine, $22.05 per M bd. ft. for the sugar pine, $7.35 per M bd. ft. for the incense-cedar, $6.60 per M bd. ft. for the white fir, $9.50 per M bd. ft. for the hemlock, or a total purchase price of $60,787.65 will be considered. Minimum deposit with bid $6,100.00. All timber designated for cutting on E½, **Section 13, T. 33 S., R. 2 E., W.M.**, estimated for the purpose of this sale to be 64 M bd. ft. Douglas-fir and 44 M bd. ft. white fir. No bid for less than $21.15 per M bd. ft. for the Douglas-fir, $9.20 per M bd. ft. for the white fir, or a total purchase price of $1,758.40 will be considered. Minimum deposit with bid $200.00. All timber designated for cutting on E½NE¼, SW¼NE¼, SE¼NW¼, W½NW¼, N½SE¼, **Section 8;** E½NW¼, **Lot 1, Lot 2, NE¼SW¼, NW¼SE¼, Section 18, T. 33 S., R. 1 W., W.M.**, estimated for the purpose of this sale to be 2,885 M bd. ft. Douglas-fir, 99 M bd. ft. ponderosa pine, 43 M bd. ft. sugar pine, 55 M bd. ft. incense-cedar, 143 M bd. ft. white fir. No bid for less than $13.75 per M bd. ft. for the Douglas-fir, $22.45 per M bd. ft. for the ponderosa pine, $21.20 per M bd. ft. for the sugar pine, $5.90 per M bd. ft. for the incense-cedar, $6.45 per M bd. ft. for the white fir, or a total purchase price of $55,809.15 will be considered. Minimum deposit with bid $5,600.00.



made naturally... so naturally it's better

Missing Girls Wait For Party of Searchers

Portland – (UPI) – Two teenage girls who became lost near Multnomah Falls Wednesday sat down and waited for search parties to find them.

Nancy Sue Monaghan, 14, and Suzanne Rae Jensen, 15, both of Portland, were brought down about 10:30 p.m.

They told deputies they had been hiking above the falls and lost their way.

CIRCULATION CHECK

New York – The Audit Bureau of Circulation was organized in 1914 to secure information concerning the distribution of various publications.

FOREST LAND

Washington – There are about 622 million acres of forest land in the U.S. mainland, with about 461 million acres of commercial timber value.

CABINET POST

Washington – The department of the interior was the seventh division of the executive departments of the United States. It was established by an act of congress in 1849.

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2 12 oz. Pkgs. 79¢

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BORDENS MAYONNAISE quart 55¢

MJB COFFEE 1 lb. Tin 49¢ 2 lb. Tin 97¢

BETTY CROCKER SAFFLOWER OIL jumbo 28-oz. bottle 89¢

LIPTON'S BLACK TEA BAGS Pkg. of 48 ..... 55¢

MJB INSTANT COFFEE 6 oz. Jar 79¢

Cantaloupes Large Jumbo Size 5 FOR 89c

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