

# Elm Tree Evaluation May Be Necessary

By BOB RAY  
Ag News Editor

Nebraskans may soon have to answer the 64 million dollar question concerning their elm trees, according to University scientists.

The question: "How much is an elm worth?"

The answer: "Value varies depending on whether you're trying to save an old tree, tearing one out and burning it, or buying a replacement."

These questions and answers came from foresters from all over the state who attended a two-day Dutch Elm Disease Training School this week. Lectures in Dutch Elm diagnosis and public education tips were given at the Nebraska Center.

Laboratory sessions in microscopic technique, fungus isolation, and tissue culture were held in the Plant Industry Building.

Dr. John Wehling, Extension plant pathologist, said the School was designed to help individuals in various communities make correct diagnosis of Dutch elm disease.

The School was conducted by Dr. Wehling, Dr. Glenn Peterson, plant pathologist, U.S. Forest Service stationed at the University; Karl Loerch, University Extension Forester; and Robert Roselle, University Extension entomologist.

Nebraska's tree census figures indicate about one elm per person. That's about 100 million dollars' worth of elms, at present real estate values for tree-shaded residential areas.

The forestry scientists estimated that Nebraska's one million elms average 18 inches in diameter, are worth

at that size \$300 apiece, and will cost \$60 to remove when and as they die. Trees normally die at the rate of three percent per year.

That would be a lot of money to lose in a ten-year Dutch Elm epidemic. Several foresters at this clinic figured that Dutch Elm Disease can wipe out all the elms in a heavily forested township in only ten years. A township is a square six miles on a side.

But a loss in real estate value isn't the worst that can happen—it costs another \$60 to \$80 to take a tree down and burn it.

The price varies depending on whether the roots have to be grubbed out, too, and whether the tree is close to a lot of buildings.

Some towns on the east coast are reported to have gone bankrupt, just removing trees.

Auburn is a town of 3,000 people in Nemaha county right between two areas where the disease has been found. Auburn's 3,000 elms are valued at nearly \$900,000.

So if Auburn can look forward to budgeting \$18,000 a year for 10 years, what can Omaha, with a river bottom full of fungus-prone elms expect to pay for dead tree removal?

The trees in towns always have to come out because they might break up in a windstorm and fall on someone's house. It's the city's job to see that it's done—with tax money.

Fortunately, it's not necessary to worry about losing both the trees and the money, say the experts—if the money goes for sanitation and spraying.

University entomologists say that the disease can be controlled by tree trimming and insecticides used to kill the beetles that eat dead elm wood and carry the Dutch Elm fungus from tree to tree. The money will still be gone, but 90% of the trees will be there.

"Some city fathers, and their fathers and grandfathers grew up with these trees. They aren't about to part with them," said forester Joseph Range.

## Architects Begin Professor Swap In New Program

A professor-exchange program has been started by the University department of architecture. The exchange, which will begin Monday, involves several universities in the Midwest. Homer Puderbaugh, assistant professor of architecture at the University will exchange with Karol Kocimski, professor at the State University of Iowa.

The purpose of the program is to broaden the experience of the students by the exchange of top-rate architecture professors.

Professor Kocimski, a former professor of architecture in Poland, was educated in Europe and worked for a number of years in England. Professor Puderbaugh was trained in the United States and at Fontainebleau in France. He recently talked and worked in Canada.

## Campus Calendar TODAY

PTP People to people social hour, Student Union South Party Room, 8 p.m.

JAZZ AND JAVA, Student Union Crib, 4 p.m.

SINFONIA Jazz Concert, Student Union Ballroom, 7:30 p.m.

TOMORROW DELIAN Party, 345 Student Union, 8 p.m.

AG UNION Chairman and Assistant interviews, 9 a.m.

SUNDAY BAND CONCERT, Student Union Ballroom, 4 p.m.

SKY SHOW, "Parade of the Seasons," 2:30 and 3:45 p.m., Ralph Mueller Planetarium, Morrill Hall.

Pledges Give Maps

Pledges of Theta Xi will begin distributing Lincoln Touring folders today and tomorrow for their Help Week project.

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CLOSED MONDAYS

## Tribe Student Abandons Learning For Weekend

And it came to pass that in the land NU the tribe Student who prayed to the god Learning found it necessary to indulge in short periods of relaxation from the attacks of Citizen. And so the institution Weekend was established. Why not?

TODAY

ALPHA CHI OMEGA Dev-il's Dugout house party, 9 to midnight.

BURR HALL EAST, BURR Hall West hour dance, 6:30 to 7:30 p.m.

DELTA SIGMA PI house party, 8 to midnight.

KAPPA ALPHA THETA, Kappa Kappa Gamma, Pi

Beta Phi Triad Formal, 9 to midnight.

WRA Formal, 6:30 to midnight.

PALLADIAN Literary Society Beatnick Party, 8 to midnight.

TOMORROW

ALPHA DELTA PI Acacia hour dance, 6:30 to 7:30.

ACACIA house party, 9 to midnight.

ALPHA PHI pledge open house, 2 to 4:30 p.m.

KAPPA ALPHA THETA, Sigma Nu orphans' party, 2 to 5 p.m.

KAPPA SIGMA Formal, 6 to midnight.

SIGMA ALPHA EPSILON Formal.

SIGMA PHI EPSILON

Pledge Sweetheart Dance, 9 to midnight.

SELLECK Quadrangle (Benton House and Seaton II) dance, 8 to midnight.

INTER CO-OP Council Ball, 9 to midnight.

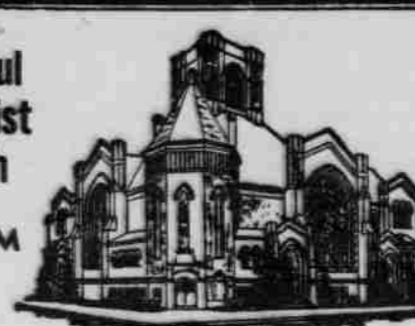
SUNDAY

ALPHA DELTA Pi date dinner, 7 to 9 p.m.

DELTA TAU DELTA, Kappa Delta pledge pizza feed, 6 to 8 p.m.

SIGMA CHI date dinner, 5:30 to 7:30 p.m.

SIGMA PHI EPSILON date dinner, 5 to 8:30 p.m.



**St. Paul Methodist Church**  
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Dr. Forsberg — Preaching  
9:30 and 11:00 a.m.



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OPEN ALL YEAR

## Entire Cast Chosen For KK 'Fiorello!'

The complete cast for the spring Kosmet Klub presentation of "Fiorello!" has been announced.

The Pulitzer Prize-winning Broadway musical comedy is slated for 8 p.m., March 30, in Pershing Auditorium.

"Fiorello" premiered at the Shubert Theatre, in New Haven, Conn., and opened on Broadway in 1959.

The musical comedy deals with Fiorello's political career and his defeat of Tammany Hall, a political machine of New York in the late 1920s.

The play which was the Drama Critics' Award of the year, was adapted from the book by Jerome Weidman and George Abbott.

The nine major roles are: "Fiorello," Buzz Brashear; "Morris," Jim Trester; "Neil," Jay Groth; "Ben," Jerry Egan; "Dora," Shirley Voss; "Marie," Peggy Bryans; "Thea," Jean Grote-luchen; "Mitzl," Pam Hirsch-bach; "Floyd," Jerry Walker;

The poker players are: Mike Barton, Joe Smith, Jim Haevener, John Bjork, Jerry De France, and Lynn Gun-

licks. Minor characters are: Mary Ann Griffiths, Denny Cox, Carol Kramer, Ned Criscimagna, Jim De Mars, Jim Childe, John Yeakley, Lynn Northdruff, Ed Connerly, Dick Recker, Bob Ayers, Jack Frost, and Bob Harmon.

The male chorus parts are: Stu Wiley, Bob Hammond, Louie Monson, Jim Cada, Jim Demars, Jim Childe, John Yeakley, Lynn Northdruff, Ed Connerly, Dick Recker, Bob Ayers, and Bob Harmon.

The female chorus members are: Lois Shimerda, Sally Siemon, Cindy Tenhuizen, Marcia Fry, Mary Swanson, Kathy Armstrong, Sally Davenport, Gretchen VanBloom, Pam Hirschbach, Lois Turner, Liz Buck, Susie Ayers, and Janie Thomason.

Dancers for the show are: Mary Quinn, Gayle Fiala, Barb Shuman, Christy Brehm, Lois Turner, Mary Lou Evans, Shirley Sutherland, Terri Rupe, Karen Pflaster, Susie Ayers, Janie Thomason, and Liz Buck.

According to John Zeilinger, KK Publicity Chairman, block ticket sales begin next week. Individual ticket sales will shortly follow. Reserved seats are \$2, general admission, \$1.50.

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### CALENDAR OF CHURCH SERVICES

**UNITED CAMPUS CHRISTIAN FELLOWSHIP**  
(Presbyterian, United Church of Christ, Evangelical United Brethren & Disciples of Christ)

Alan J. Pickering, Ralph Hays, Dennis W. Patterson, Pastors  
9:30 a.m. Crossroads Seminar  
10:45 a.m. Corporate Worship  
5:30 p.m. Fellowship Forum  
6:30 p.m. Forum Discussion

**ST. MARKS ON-THE-CAMPUS (EPISCOPAL)**  
13th and R Sts. George H. Peck, Vicar

8:30 a.m. Holy Communion  
10:30 a.m. Holy Communion  
10:30 a.m. Nursery & Church School  
SUN-FRI  
5:00 p.m. EVENING PRAYER  
8:00 a.m. Tues. Holy Communion  
10:00 a.m. Thurs.  
7:00 p.m. Thurs.

**UNIVERSITY LUTHERAN CHAPEL**  
(The Lutheran Church — Missouri Synod)  
13th & Q Sts. A. J. Narden, Pastor

9:30 a.m. Worship  
11:00 a.m. Worship  
5:30 p.m. Gamma Delta

**ST. THOMAS AQUINAS CHURCH**  
(Catholic Student Center) 16th & "Q" Sts.  
Robert F. Shueley, J. Rowley Meyers, Thomas M. Pucik, Chaplains  
MORNING: 8:00 a.m., 9:30 p.m., 11:00 a.m., 12:15 p.m.  
Saturday Confessions: 4:30-5:30 p.m., 7:30-8:30 p.m.

**ADVENTIST FELLOWSHIP**  
Dr. Gunther Paulsen, Advisor W.N. Elder, Pastor  
Meets at Noon First Monday, Monthly  
Friday 7:30 p.m. Youth Meeting  
Saturday: 9:30 Sabbath School  
Saturday: 11:00 Worship  
College View Church, 4015 S. 49th St.  
Piedmont Park Church, 4801 A St.  
North Side Church, 7321 Lexington

**BAPTIST STUDENT FELLOWSHIP**  
Arthur L. Sjolhou, Pastor  
H. M. Burner, Director of Student Work

9:30 a.m. Bible Study  
10:45 a.m. Morning Worship  
6:00 p.m. Fellowship Hour  
7:00 p.m. Evening Worship  
8:00 p.m. After-Church Fellowship Group Meeting

First Baptist Church 14th & K Sts.

**WESLEY FOUNDATION**  
(Methodist) 640 No. 16th St.  
Duane Hutchinson, Minister  
C. Richard Morris, Lay Associate  
9:00 a.m. Holy Communion  
10:00 a.m. Morning Worship, followed by discussion  
11:00 a.m. Morning Worship  
5:00 p.m. Fellowship Supper  
5:45 P.M. General Forum  
7:00 p.m. Vespers & Students Groups  
8:00 p.m. Seminars

**LUTHERAN STUDENT FOUNDATION**  
(National Lutheran Council) 525 No. 16th  
Alvin Peterson, Pastor Gwen Jacobson, Assistant

10:30 a.m. Worship  
11:30 a.m. Discussion  
5:30 p.m. Lutheran Student Association

MIDWEEK WED., 7:00 p.m.

**CHRISTIAN SCIENCE ORGANIZATION**  
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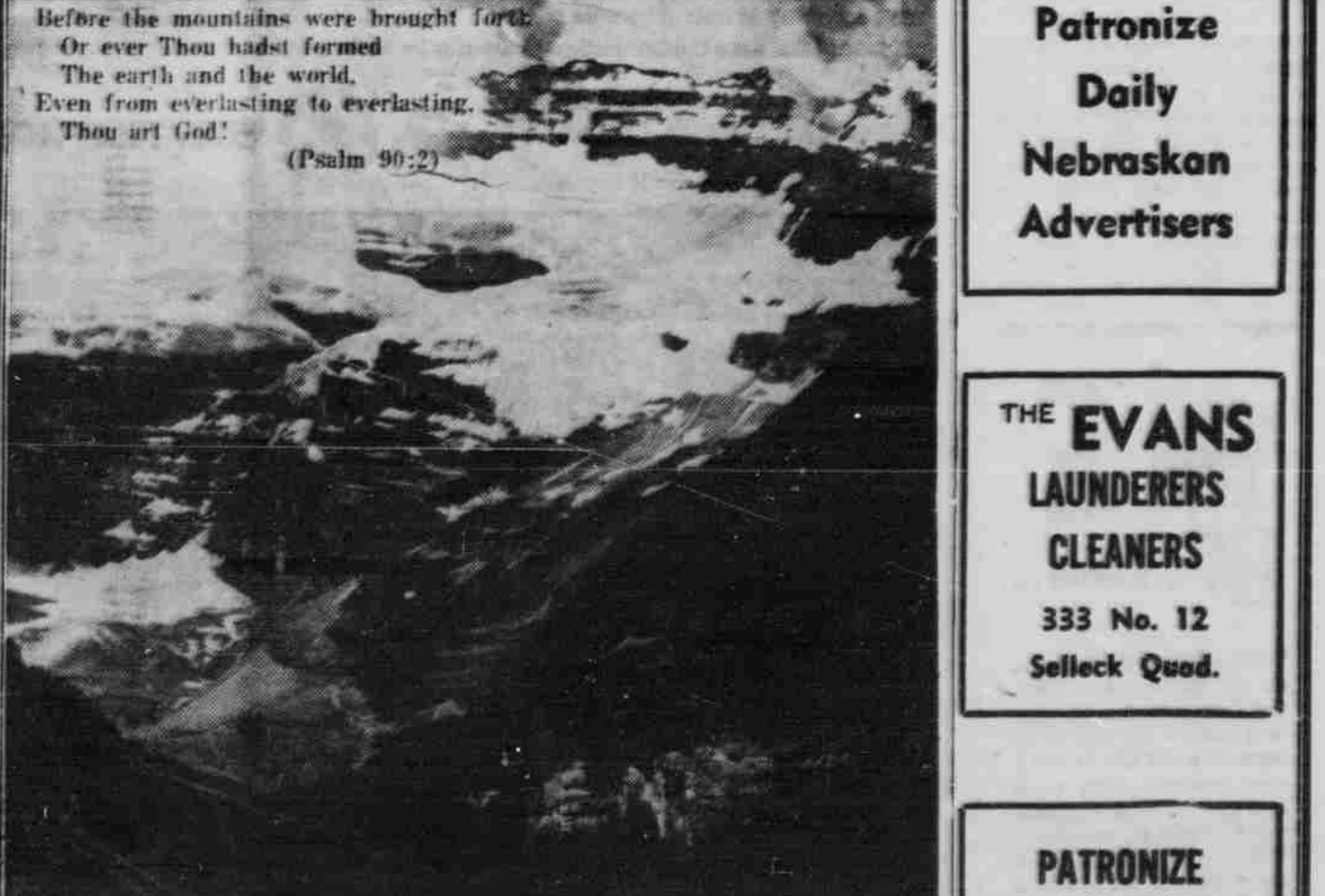
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Well this man made a remarkable discovery: he did not simply arrive at the fact of Divine creation. Nor did he merely proclaim the existence and endless reign of God. He spoke to God! He knew Him!

Have our headlines yet reported a greater discovery?

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14. Brake system for damage and leaks, foot and hand brake adjustment, thickness of brake linings, through inspection hole, brake fluid in reservoir.
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