

Plant Scientists To Study Causes Of Live Oak Deaths

Texas' stately live oak trees, often symbols of strength and longevity, are dying off in some areas from a malady yet to be identified.

A&M plant scientists have started a research program to determine the ailment's nature and how it can be controlled. In the meantime, the mystery has been assigned the catch-all name of "Live Oak Decline."

Whatever the trouble is, it's playing hob with the live oak population in an area bounded on the east by Jasper County, on the west by Kimble, Menard and Taylor counties, on the north by Young and Delta counties, and approximately on the south by Live Oak County.

STOCKMEN WITH live oak-infested pastures are not especially worried about the situation, since Quercus virginiana can choke out grass almost as efficiently as mountain cedar and mesquite. But

when ornamental oaks in yards, parks and along highways start dying, the citizens complain.

So worrisome is the problem that the Texas Legislature has even provided funds to see what can be done. The money enabled Dr. Robert Halliwell, assistant professor in the Department of Plant Sciences, to begin Live Oak Decline research about a year ago.

Halliwell considers the legislature's action a milestone because it marks the first time the state has appropriated money for ornamental plant research.

"ONLY A FEW states have done this," the scientist said. "Ornamental shrubs and trees are big business, and this is the first real recognition the industry has received so far as research is concerned."

Actually, Halliwell is not the first researcher to study the Decline mystery. In 1934, A. A. Dunlap and A. L. Harrison, A&M

plant pathologists, noted the condition in the San Antonio and Austin areas. Lack of funds limited their investigation. The same two workers described the disease and effects in 1949. Halliwell is taking up where they left off.

He says symptoms of the disease vary. Leaves may first show yellowing, followed by death of certain branches or the entire tree. In this case, leaves usually do not fall, and death is rather sudden (one to two weeks).

MORE OFTEN, the decline is slow, taking one or more years before the tree dies. At first there is thinning of the leaves and die-back of isolated branches. The condition progresses until defoliation is complete. Dark streaks often are seen in badly affected limbs and trunk specimens.

Halliwell is suspicious that a virus is the villain. He and his co-workers are attempting to trans-



Cadets Hosted By Colonel Langford

Colonel Robert I. Langford, right, support Group Commander, 4130th Strategic Wing of SAC, Bergstrom AF Base, Austin, is shown with Cadet Richard L. Railston, Railston, son of Mr. and Mrs. L. A. Railston of El Paso, was recently named deputy commander of the A&M Corps of Cadets for the coming year. Col. Langford, Class of '41, hosted a group of Air Force cadets and took them on a tour of the SAC base with a flight in a Boeing KC-135.

mit the disease from one live oak to another under controlled conditions in an effort to prove the virus theory.

Insurance Society Chooses President

Royce Knox of Centerville was elected president of the Insurance Society for the 1963-64 school year.

Larry Mims was elected vice president for Life Insurance and "Butch" Candella was named vice president for Property and Casualty Insurance.

Other Officers are Jack McCown, secretary; Joe Williams, treasurer; Pat Barton, historian; Jim Sparks, sergeant-at-arms, and Ronnie Ledbetter, publicity.

The society also elected Guillermo Vela as senior representative and Jesse Hellums as the junior representative to the Arts and Sciences Council.

Henry F. Lyles is sponsor for the group.

Glodt Will Spend Summer Abroad

John Glodt of San Antonio, 21-year-old junior majoring in floriculture, will study greenhouses this summer in Denmark.

The trip will be sponsored by the Texas State Florists Association because of Glodt's interest in floriculture and his intention to make it his career. He is a member of the Junior Florists of Texas, a subsidiary of the TSFA. His father is a San Antonio florist.

Glodt will leave June 10. He will live with a Danish flower grower while studying greenhouse production techniques.

Diaz Wins First In Design Contest

Juan Carlos Diaz of Lima, Peru, senior agricultural engineering student, has won first place and \$125 in a design contest.

The contest, sponsored by the Texas Concrete Masonry Association, calls for designs of a farm building of concrete masonry construction.

Second place and \$75 went to Don Vernon Holley of Hico for his rural home design. A farm dairy center design won the third place award of \$50 for Richard K. Crowe of Sauquoit, New York.

Dr. Kemler Receives Award At Annual AVMA Banquet

Dr. Arden G. Kemler, associate professor of veterinary anatomy has been selected as the first to be recognized by the Norden Annual Teacher Award.

The honor came Thursday night during the annual awards banquet of the Student Chapter of the American Veterinary Medical Association.

Dr. Carl Norden, vice president of Norden Laboratories of Lincoln, Neb., presented the award to Kemler in recognition of his "important contributions to the veterinary profession by his influence on students through teaching ability, moral example, and leadership qualities."

MALCOLM EARL Hickman Jr., of Falls, fourth year student in veterinary medicine, received the Martin Award of \$150 worth of instruments from the C. J. Martin and Sons Company of Austin. John Purultz, vice president of the firm, made the presentation.

The honor was made in recognition of Hickman's outstanding accomplishments in clinical courses by his interest, devotion and performance.

Receiving the AMA Auxiliary Award of \$50 was Joe Wood Lind-

ley of Plainview, a student, for his many campus life and the impression he has presented in his professional school.

AN ABILENE student, Finley Dominy III, was fourth Summer Leadership Scholarship. The scholarship sends Dominy to the Youth Foundation Training Camp at Shreveport, La. He is made to an outstanding who will complete his college and intends to study veterinary medicine.

Four Faculty Awards went to students representing class in the professional program of veterinary medicine.

were William Earl Houston, fourth year; Leslie Garry Adams, second year; and Head of Richardson, Texas.

The students were voted by faculty and combined with their scholastic merits.

Dr. Alvin Price, School of Veterinary Medicine, presented the Faculty Merit, the Danforth, and Auxiliary Awards.

Officials Claim Powers Reported To Resign

HOUSTON (AP)—The Houston Chronicle said Monday Lt. Col. John Powers, "the voice" of the nation's astronauts, is to resign.

A Cape Canaveral source said high officials there are claiming Powers will resign soon.

Powers, public affairs officer of Houston's Manned Spacecraft Center, has been official spokesman for the astronauts.

He also has been the Mercury Control during the six sub-orbital and orbital flights by U. S. astronauts.

"One story says he was asked to resign after a release of a detailed flight report by Gordon Cooper's 34-hour flight," the Chronicle said.

"The other story is that he was asked to resign after a release of a detailed flight report by Cooper's flight," the Chronicle said.

Washington headquarters saying Cooper's flight was the last Mercury spaceflight.

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L&M GRAND PRIX 50 WINNER'S CIRCLE

1963

Tempest Winners... Final Lap!

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| George P. Knapp U. of New Hampshire | Alex B. Babrow R.P.I. | Larry W. Foster Millikin U. | Joseph L. Pap Oklahoma State | Vernette Daily U. of S.W. Louisiana | William W. Seegars U. of South Carolina |
| Richard W. Berger West Virginia U. | Neal H. D'Agostino Cornell | Joy C. Greenwood Sacramento State | David G. Taylor Lamar St. Col. of Tech. | Lauren J. Hart South Dakota Tech. | Linda L. Merron Bucknell |
| Arnold J. Houchin, Jr. U. of Kentucky | Bruce L. Baird Vanderbilt U. | Vincent Pierdominici, Jr. Lowell Tech. | George C. Anderson Williams | | |
| Cecil J. Ewing U. of North Dakota | William G. Whitten Kent State | Lee R. Hoffman U. of Connecticut | Efrida M. Lobbia Indiana State | | |

Coming next fall... a new L&M GRAND PRIX 50 for 1963-64! Add your name to this growing circle of winners!

Final Lap Consolation Prize Winners!

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- FOR THE CONSOLATION PRIZE WINNERS RCA Victor's 4-speed portable stereo hi-fi set, "The Waltz."

Tempest Winners...Laps 1, 2, 3!

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| FIRST LAP Ashton B. Burke U. of Kentucky | Jose M. Martinez Gonzaga U. | THIRD LAP Gary L. Lewis U. of San Fran. | James W. Todd Valparaiso U. (Staff) |
| Roger P. Blacker N.Y.U. | Roger A. Kuefer Loras College | John V. Erhart Loras College | W. T. Oliver Lafayette College |
| John N. Blier The Citadel | Earl F. Brown Colgate (Fac.) | Byron D. Groff Penn State | Justin G. Burns St. Bonaventure U. |
| William P. Martz Kent State | Cdt. B. R. Gardner V.M.I. | D. B. MacRitchie U. of Michigan | Edward R. Wassel Clarkson College |
| Lucy Lee Bassett Emory U. | V. M. McManamon DeVry Tech. Inst. | J. L. Millard, Jr. Fl. Hwy State | Morris S. Bayer U. of Georgia |
| SECOND LAP Richard L. Smit U. of Michigan | H. H. Anderson Okla. State (Fac.) | J. D. Gallegos, III U. of New Mexico | G. J. Tamalovich Worcester Poly (Staff) |
| R. Montgomery, Jr. Texas Tech. | David E. Lloyd San Diego State | N.T.G. Rosania S. Kansas State | Ancil K. Nance Portland State |
| | R. I. Salberg, Jr. U. of California | | P. S. Holder, Jr. St. Mary's U. |

Consolation Prize Winners...Laps 1, 2, 3!

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| FIRST LAP Hubert F. Tett Iowa State | Michael B. Reed Ursinus College | Brian F. Goodrich St. U. of N. Y. (Albany) |
| Billy D. Farris Sam Houston State | Baxter Myers, Jr. Stephen F. Austin State | Sylvan Gordan Cal. State Poly |
| William L. Bradley Louisiana State | George F. Smith San Jose State | THIRD LAP Rev. John Thompson Gannon College (Fac.) |
| Charles Perry, Jr. Providence College | Harold L. Schild U. of Illinois | Michael J. Kopcho Duquesne |
| SECOND LAP John M. Mulcahy U. of Connecticut | Richard Friedlander C.C.N.Y. | James W. Mize U. of Texas |
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