

Trees Found to Join Through Natural Grafts

Madison, Wis. (Science Service) — Researchers here have found that many forest trees join themselves together through natural root grafts, forming a "tree society" in which the members can in effect support one another, but also can compete strongly for the available nutrient supply.

Theodore T. Kozlowski, a University of Wisconsin forester, and John H. Cooley, a U.S. Department of Agriculture research forester, found such grafts common with several Wisconsin evergreens and broad leaf trees. But the natural grafts take place only between trees of the same species, with possible rare exceptions, they said.

The natural grafts result in an actual union of the live tissues of the trees, permitting sap to pass from one tree to another, the researchers said. Roots as small as an eighth of an inch in diameter form natural grafts, and the unions usually take place where roots are growing or less at right angles with each other.

Helps Promote Grafts

The findings of the two men also suggest that wind sway helps to promote grafts on trees growing in soft ground or bogs.

Where trees of different species grow close together, the roots may mingle but grafting ordinarily does not take place. Even when growth pressure in the mingling roots is great, a bark layer stays between the roots of the different species.

Kozlowski and Cooley said this natural root grafting brings up new questions in forest management and disease control. Diseases such as oak wilt, as well as parasitic diseases, can spread from one tree to another through the root grafts. And weed killing chemicals applied to kill specific trees may also kill nearby trees by traveling through the joined root system. The researchers said that new disease control practices will have to be adjusted to these chain effects.

In their studies, the two foresters found natural root grafts on sugar maple, red maple, yellow birch, paper birch, balsam fir, eastern hemlock, northern white cedar, pin oak and bur oak.

Russia Gets Political Mileage Out of Business in Latin America

By FRANCIS L. MCCARTHY — The Iron Curtain trade with Latin American nations is small, in terms of dollars. It is estimated at an average one and one-half per cent of the \$8 billion annual income the Latin Americans get from their exports.

In 1958, the United States took 43 per cent of all Latin American exports. The Soviet share is figured from 1954 when, the experts say, the Reds made their first real effort to penetrate American politics through economic means.

Most Iron Curtain trade is concentrated in four countries, Argentina, Brazil, Cuba and Uruguay. The Reds have loaned these four countries a total of \$250 million. Similar but smaller and relatively unimportant Communist trade deals are in effect in Colombia, Paraguay and Mexico.

However, no one knows how much international communism is spending undercover for propaganda and for political infiltration purposes. The U. S. State department estimates \$100 million has been invested in Cuba alone. It is noteworthy, however, that the Communists have more than tripled their foreign language broadcasts to Latin America in the past five years. In 1958, they were reported to be editing or publishing more than 300 newspapers and magazines in the western hemisphere.

The State department's \$100 million estimate, therefore, would not seem excessive. The opinions differ as to the value received in the Soviet bloc-Latin American trade and credit agreements.

The statistics show that the Latin Americans have shipped more goods behind the Iron Curtain than they have received in goods or cash. On the surface, this would seem to be a fertile source of irritation.

Checking by American exports proves the Reds to be shrewd in international trade. The opinion of U. S. engineers is that they have to be. The American experts say the quality of Soviet goods is matched in inferiority only by their delivery and serving.

The Latin Americans also are aware of the political implications in the trade agreements and guard against them, or have to the present. The biggest business ever done between the Soviet bloc and Latin America was in 1955 when deals totaled \$410 million. This had dropped to \$270 million in 1959.

Two of Argentina's Most Hated Nearing Record in Asylum

Buenos Aires — Two of the most hated men in Argentina are nearing the record for the longest anyone has remained shut up in asylum in a Latin American embassy.

Juan, look like anything but torturers, though Luis has a flash of steel in his brooding eyes. A look at their pudgy hands and smiling faces makes it hard to believe they were experts in the piana electrica — a needle-like instrument that sends agonizing shocks into the bodies of stripped victims tied down to a cot.

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Plans Being Made For Motion Picture

Asland — Plans are being made to form a new corporation to produce a motion picture in southern Oregon, according to Whitland Locke, Asland photographer and pilot.

The film will be made in cooperation with the forest service, and a forest fire prevention association will be included in its production, Locke said. Most of the actual shooting will be done in the Cave Junction area.

Locke said more details of the film, which will be a full-length motion picture, will be announced after conferences with legal advisors.

Sauers will appear in the picture, Locke said, and will be involved in the production. Other Hollywood stars are being considered for roles, he added.

They are the brothers Juan Carlos and Luis Amadeo Cardoso — police officers during the iron 10-year reign of Juan D. Peron. Their alleged specialty was subjecting political prisoners to the most agonizing tortures without leaving a mark.

The Cardoso walked into the gray stone Paraguayan Embassy five years ago, on Sept. 21, 1955, when a heavy rain was falling and the city was virtually immobilized in the after-shock of a successful revolution. As far as anyone knows, they have not stepped out since.

Only one man in recent Latin American history has remained in refuge in an embassy building longer than they. He was Raul Haya de la Torre, leader of the Peruvian Aprista political movement, who lived in the Colombian Embassy in Lima from January, 3, 1949 to April 3, 1954 — five years, three months, four days.

A UPI reporter who was granted special permission to chat with the brothers found them keeping busy with hobbies and visitors. They have a television set and radios. Their families are permitted to see them every day. They get fresh air in the embassy courtyard.

"We keep busy," Juan told the reporter. "And, most of all, we try to keep our spirits up and our minds occupied."

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Argentina, which considers them common criminals rather than political offenders, refuses to grant them the right of free passage. Paraguay, citing diplomatic tradition, refuses to push them out from their comfortable two-bedroom apartment in the basement of the embassy.

The brothers, especially Juan and Luis Cardoso, both in their early 40s, are almost certain to pass that mark and possibly double or treble it before time and troubled conscience end their lives.

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School News

Hedrick Junior High
Edited by Steve Root, Karen Meadows and Anita Townsend

After special tryouts last week, names were announced Monday of girls who will be Hedrick's majorettes and alternates. They are Randy Baker, Kathy Dyrud, Linda McCarr, Paula Potts, Carolyn Poulos, and Janine Tracy.

Hedrick Junior Hi opened the 1960-61 school year with a total of 892 students, an increase of 103 students. The seventh grade registered 314, eighth 321, and the ninth came to 247.

The typing classes have 30

new typewriters and are using six old ones. Carl Bergman, typing teacher, has 161 students enrolled in the course.

Of the rooms being made available because of Hedrick's new wing, two will be vocal music rooms and four will be regular classrooms. Construction was started in the middle of the summer and will be completed near the first of November.

Band uniforms were issued Thursday and Friday last week. Ron Bartlett, director, is also assembling a dance band. Technique schedules have been set up for all band members.

All the windows facing south have been covered with aluminum awnings to minimize the sun glare.

Petitions for student body officers are due in the office by Wednesday, Sept. 21, at 3:15 p.m. Students are looking forward to elections with many campaign plans. Groups will tryout for yell leaders at the assembly to be held Monday, Sept. 26.

PLEASES THE PRINCESS
London — David John Payne, former footman to Princess Margaret, said he used expensive after-shave lotion because "she used to give an appreciative sniff when I was around."

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LEGAL NOTICES

PROCLAMATION
WHEREAS, the unregulated use of certain forest areas in my judgment, a menace to life and property because of weather conditions and the existence of an excessive amount of debris on the ground, and

WHEREAS, upon the showing of the State Forester, it appears to me to be necessary to close to unregulated use the following area designated as:
AREA NO. 2-P—OREGON STATE BOARD OF FORESTRY, SOUTHWEST OREGON DISTRICT
Prospect - Butte Falls
Starting at the NE corner of Section 3, T. 32 S., R. 3 E., and running westerly to the NW corner of Section 3, T. 32 S., R. 3 E., thence south to the intersection of this line with Barr Creek; thence southwesterly along the south bank of Barr Creek to Mill Creek; thence southwesterly along the south bank of Mill Creek to the Rogue River; thence southwesterly along the south bank of the Rogue River to the intersection of the east line of Sec. 11, T. 33 S., R. 2 E.; thence south to the SE corner of Sec. 22, T. 34 S., R. 2 E.; thence east to the SE corner of Sec. 24, T. 34 S., R. 3 E.; thence north to the NE corner of Sec. 13, T. 32 S., R. 3 E.; thence west to the NW corner of Sec. 13, T. 32 S., R. 3 E.; thence north to the NW corner of Sec. 11, T. 32 S., R. 3 E.; thence west to the NW corner of Sec. 11, T. 32 S., R. 3 E.; thence north to the point of beginning.

Permits to enter the above area may be obtained at the following places:
Prospect Guard Station
Butte Falls Guard Station
McLeod Guard Station
Trail Guard Station
State Forest Patrol Headquarters, Central Point, Oregon

NOW, THEREFORE, I, MARK O. HATFIELD, Governor of the State of Oregon, by virtue of the authority vested in me under the provisions of ORS 477.156, do hereby proclaim the unregulated use of the above described areas to be unlawful and that said areas shall be subject to entry only through permit to be issued by the forester or fire warden. Pursuant to ORS 477.156, the forester may during periods of fire hazard conditions, refuse, postpone or restrict issuance of such permits when necessary to prevent danger to life or property. The permit shall require the entrant to:

- (1) Refrain from smoking except in places designated as safe in said permit.
- (2) Build no open fires except in places designated as safe in said permit.
- (3) Have as equipment when using campfires, except when traveling as a pedestrian or camping in approved, designated and posted campgrounds, tools specified by the forester as suitable for extinguishing fires.

This Proclamation shall be effective from and after the 31st day of September, 1960, and shall remain in full force and effect until the 31st day of December, 1960.

Done at the Capitol in Salem, Oregon, this 19th day of September, 1960.
Mark O. Hatfield
Governor

ATTEST:
Howell S. Appling Jr.
Secretary of State

FINAL PROOF, Aug. 24, 1960. Notice is hereby given that Fred M. McFarlane of Route 1, Box 535, Gold Hill, Oregon, who made Additional Homestead Oregon Entry No. 02793 for Lots 3 and 6, Section 29, Township 35 S., Range 3 W., Willamette Meridian, has filed notice of intention to make final proof to establish claim to the lands before Dale S. Collins, Notary Public, at Gold Hill, Oregon, on October 12, 1960. Claimant names as witness: D. Extremado of Box 489, Gold Hill, Oregon; C. Stanley of Route 1, Box 535, Gold Hill, Oregon; Joe B. Extremado of Route 1, Box 88, Gold Hill, Oregon; Walter E. McClain of Route 1, Box 532, Gold Hill, Oregon; M. M. Gorecki, Chief, Land Adjudication Unit, Land Office, 809 N.E. 6th Avenue, Portland 12, Oregon.

NOTICE TO CREDITORS
No. 10857
IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF JACKSON
In the Matter of the Estate of CECIL O. FLOREA, Deceased.
Notice is hereby given that the undersigned, by an order of the above court duly made and entered on August 2, 1960, was appointed Administrator of the above-entitled estate and has duly qualified as such Administrator. All persons having claims against said estate are hereby notified to present the same, with the proper vouchers, to Van Dyke, Dellenback & McGowan, attorneys for the estate, 110 East Sixth Street, Medford, Oregon, within six months from the date of first publication of this notice.
Dated and first published August 31, 1960.
Robert D. Florea
Administrator
Van Dyke, Dellenback & McGowan
Attorneys for Administrator.



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