



“Si no  
proyectas  
diapositivas,  
querrán que  
les devuelvan  
el dinero”

## A PHOTO GUIDE

to the patterns of

## DISCOLORATION AND DECAY

In living northern hardwood trees

By Alex L. Shigo  
& Edwin W. Larson

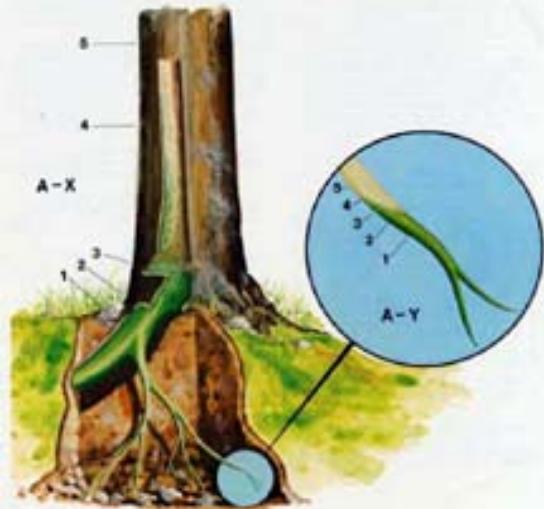


U.S.D.A. FOREST SERVICE RESEARCH PAPER NE-102

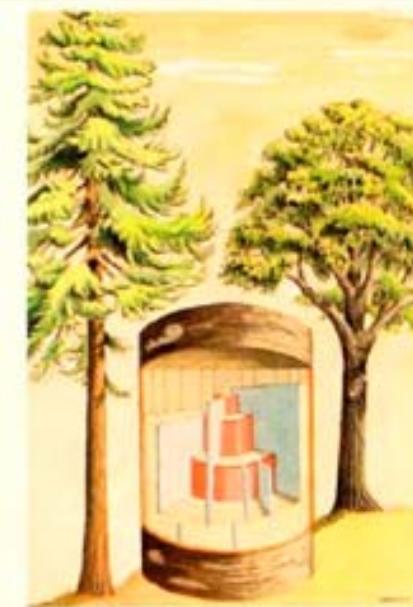
WEST-NEBRASKA FOREST EXPERIMENT STATION, LINCOLN, NEB.  
FOREST SERVICE, U.S. DEPARTMENT OF AGRICULTURE  
ROBERT E. LARSON, DIRECTOR

### Compartmentalization of Decayed Wood Associated with *Armillaria mellea* in Several Tree Species

by Alex L. Shigo and Joanna T. Tippett



### COMPARTMENTALIZATION OF DECAY IN TREES

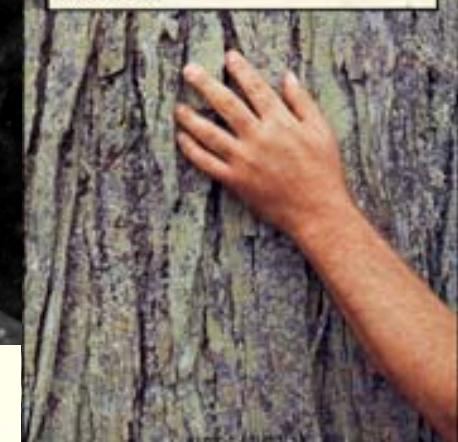


Forest Service  
U.S. Department of Agriculture

Agriculture Information  
Bulletin No. 425  
July 1977

## A NEW TREE BIOLOGY

FACTS, PHOTOS, AND PHILOSOPHIES ON  
TREES AND THEIR PROBLEMS AND  
PROPER CARE



## NEW TREE HEALTH

NEW INFORMATION ON  
HOW TO KEEP YOUR  
TREES HEALTHY



## LEBEN UND ÜBERLEBEN NEUES BAUMBEWUßTSEIN

NEUE INFORMATIONEN,  
DAMIT IHR BÄUME  
GESUND BLEIBEN



## LA SANTÉ DE L'ARBRE

NOUVELLES INFORMATIONS  
POUR GARDER VOS ARBRES  
EN BONNE CONDITION



## LA SALUD DEL ÁRBOL

NUEVA INFORMACIÓN  
PARA MANTENER LOS  
ÁRBOLES SANOS

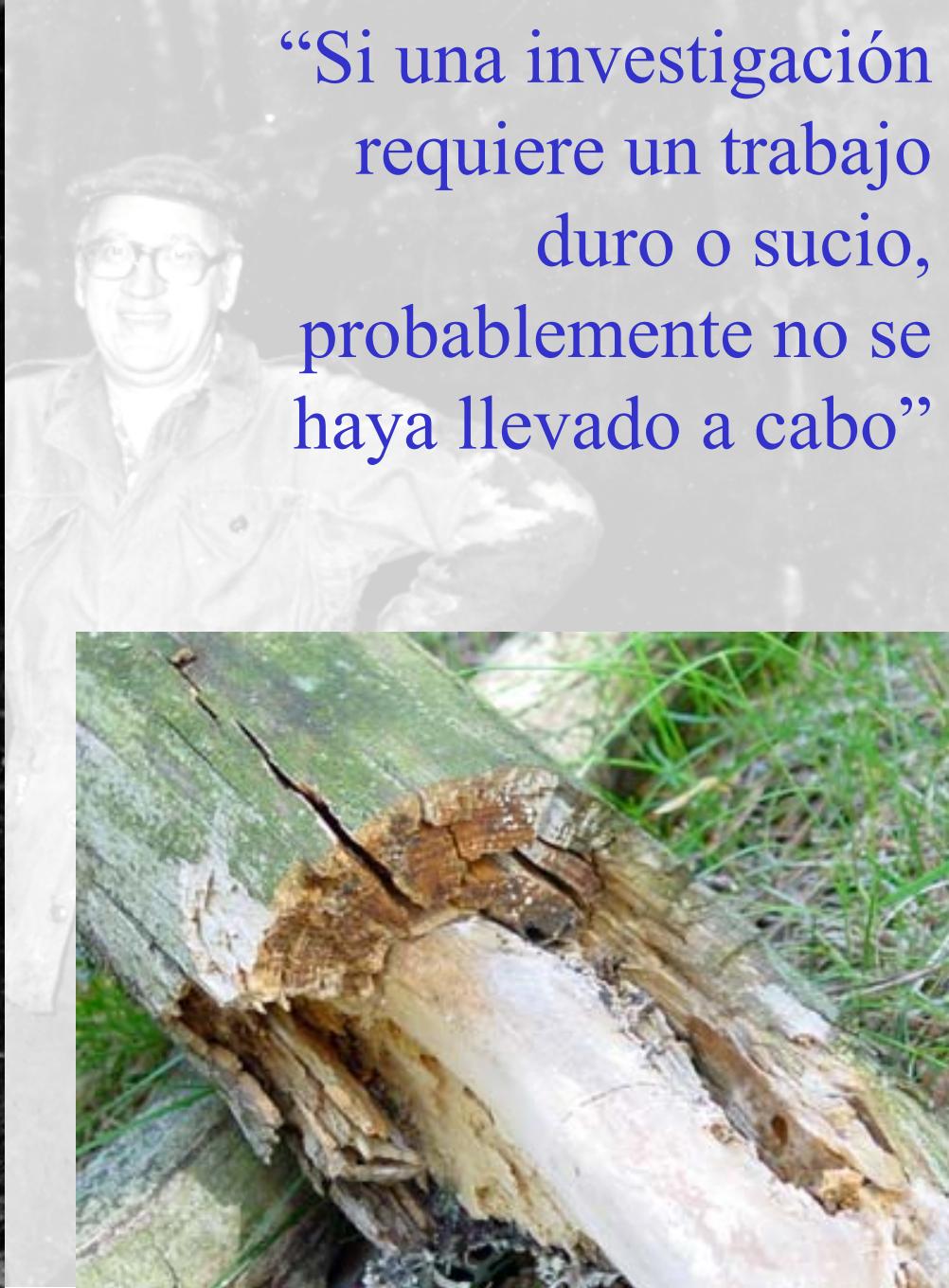


# CULTURE TRANSFER ROOM



“Galileo dijo que sus críticos nunca mirarían a través de su telescopio”

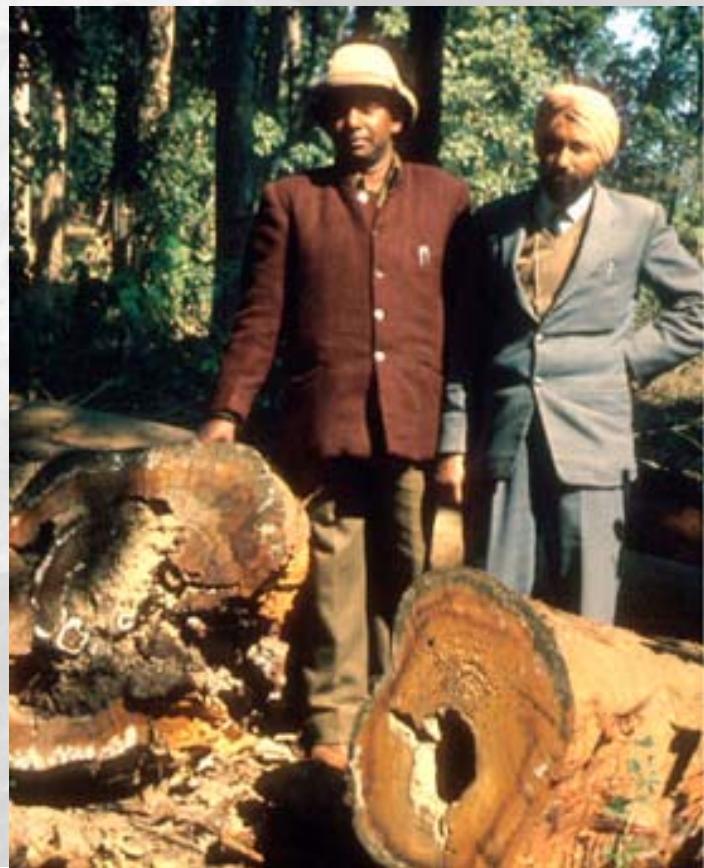
“Si una investigación  
requiere un trabajo  
duro o sucio,  
probablemente no se  
haya llevado a cabo”

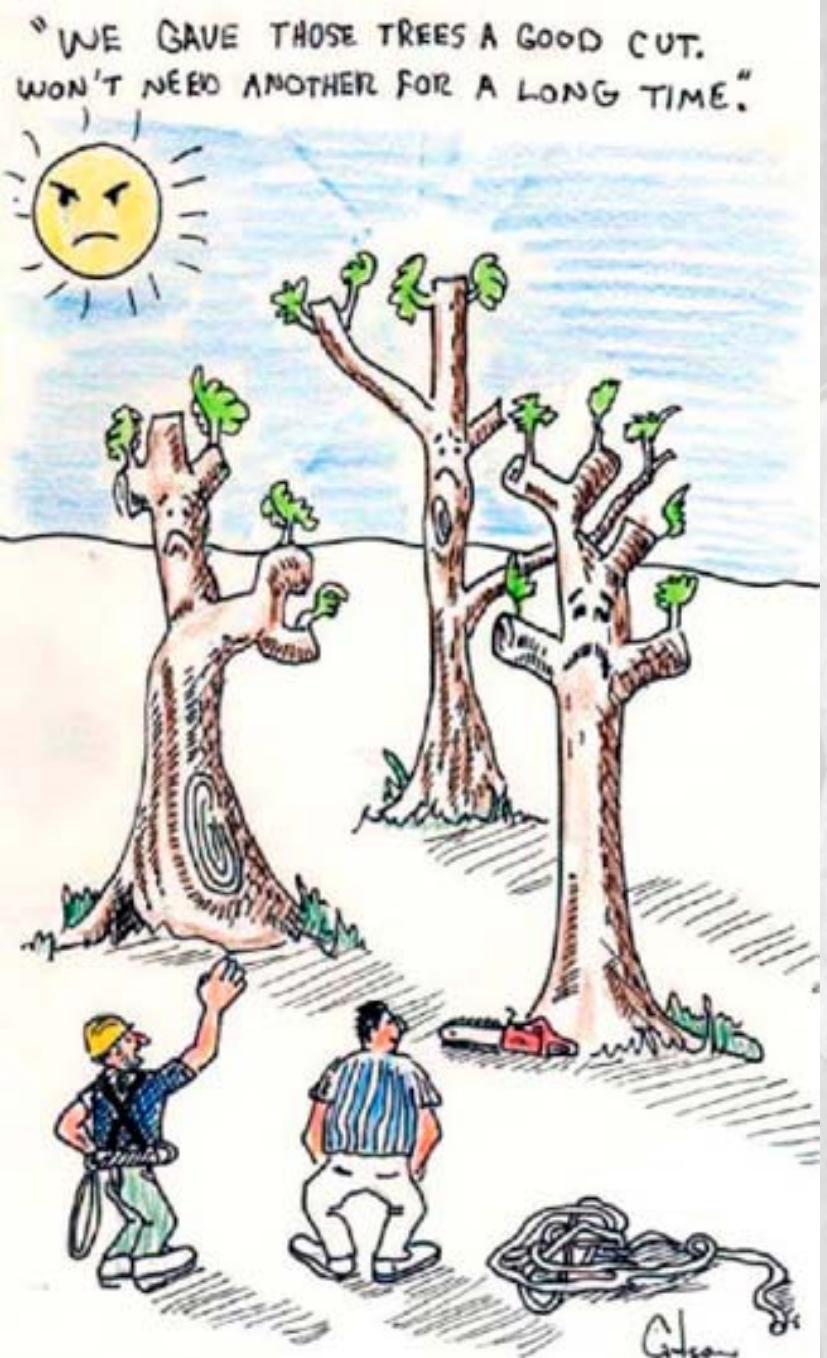


Un científico que  
trabajaba duro y  
manualmente.



Trabajos de  
compartimentación  
alrededor de todo el  
mundo





“La Arboricultura Moderna es el cuidado del árbol basado en la comprensión de su biología”

“No llame carniceros a los mutiladores de árboles; los carniceros son gente muy cualificada”

“La educación es un proceso, no un producto”

“No existe producto alguno que alivie la ignorancia”



“La educación cura la ignorancia”

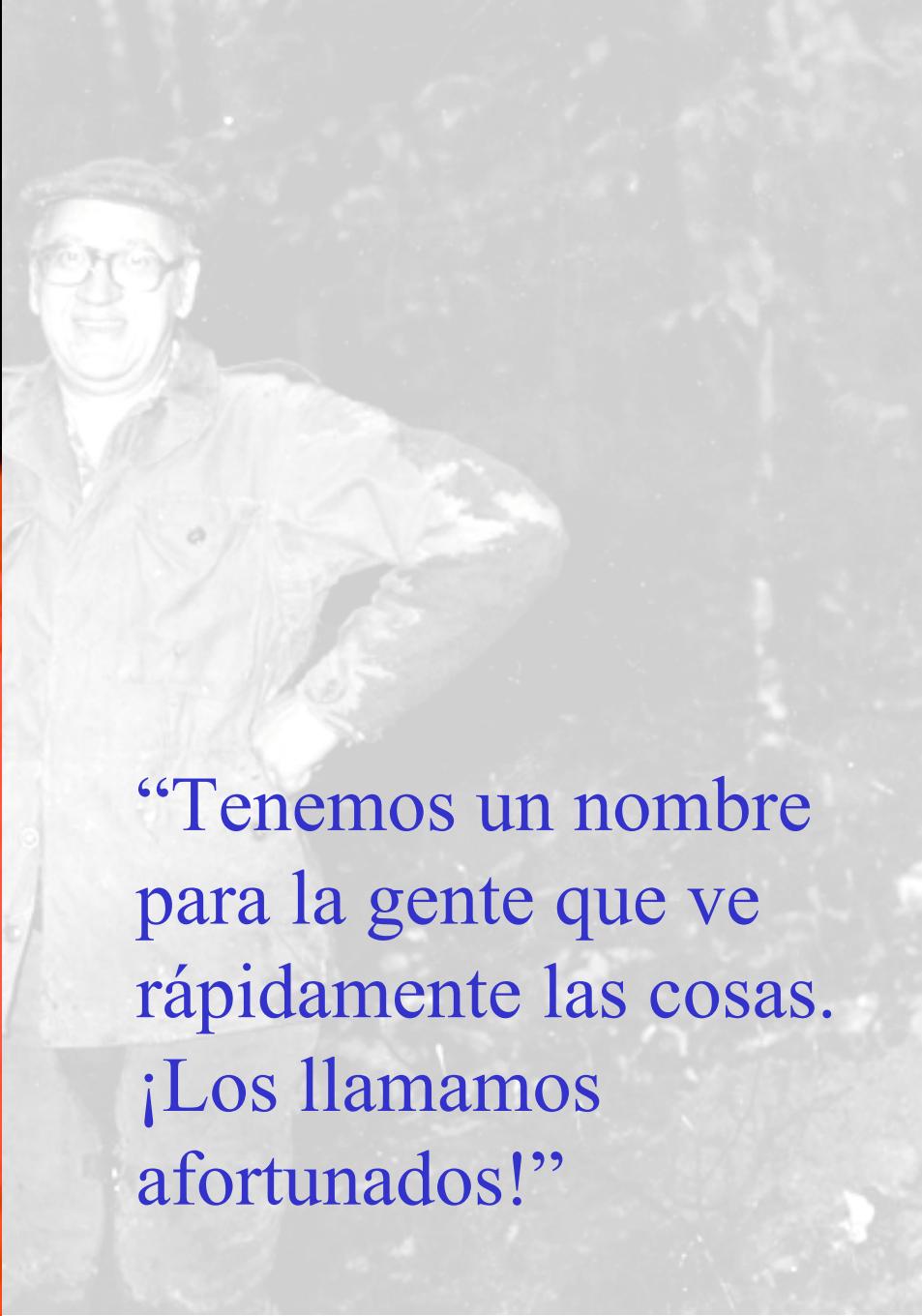
“Conforme se desarrolle  
la ciencia del cuidado del  
árbol, la química será  
más importante”



“La  
química  
conecta la  
anatomía  
y la  
fisiología”

# Shigometría





“Tenemos un nombre  
para la gente que ve  
rápidamente las cosas.  
¡Los llamamos  
afortunados!”



“La fe, el miedo y la diversión son los tres motivadores principales en la vida.”



“La curiosidad es  
el combustible  
para la maquinaria  
de la vida, el  
humor el  
lubricante”

All Summer Vacancies are already taken.  
Contact us now for Fall/Winter Internship possibilities.

#### SUMMER OF 1988 GUEST INSTRUCTORS

**Ms. Nancy Bechtol** – I.P.M. Manager, Longwood Garden,  
Kennett Square, Pennsylvania

- Integrated Pest Management for Mature Landscapes
- Biological control successes in conservatory environments

**Mr. Donald F. Blair** – M.F. Blair Tree Experts, Sierra Madre Mercantile, Co.,  
Mountain View, California

- Rigging and removal of large scale trees
- Aerial rescue and accident prevention

**Dr. Thomas Perry** – Forester, University of North Carolina, Raleigh, North Carolina

- The latest in Tree Root Ecology and Health
- Effects of soil compaction and other root injuries

**Ms. Margery Daughtry** – Pathologist, Cornell Experiment Station  
Riverhead, New York

- Plant Disease Identification and Management in the urban landscape
- In depth look at Diseases of American Dogwood (Anthracnose, Crown canker, Discula).

**Dr. Michael Raupp** – Entomologist, University of Maryland, College Park, Maryland

- Introduction to Larval taxonomy — identification of the most destructive stage of most insect pests
- Naturally occurring plant defenses — How plants respond to defoliation, how plants defend themselves

**Dr. John Davidson** – Entomologist, University of Maryland, College Park, Maryland

- Introduction to Scale taxonomy — identification and biology of some of our most destructive pests
- Integrated Pest Management for Commercial Nurseries

**Dr. Alex Shigo** – Shigo and Trees Associates, Durham, New Hampshire

- The latest in Tree Physiology and Health
- The effects in injections and other wounds on tree health and longevity

**Mr. Warren Purdy** – The Warren F. Purdy Company, Houston, Texas

- Arboriculture Business Management
- Knowing your costs, knowing your market, and knowing your product, keys to a successful business

Contact us for further details on summer or winter Internships, and admission requirements.



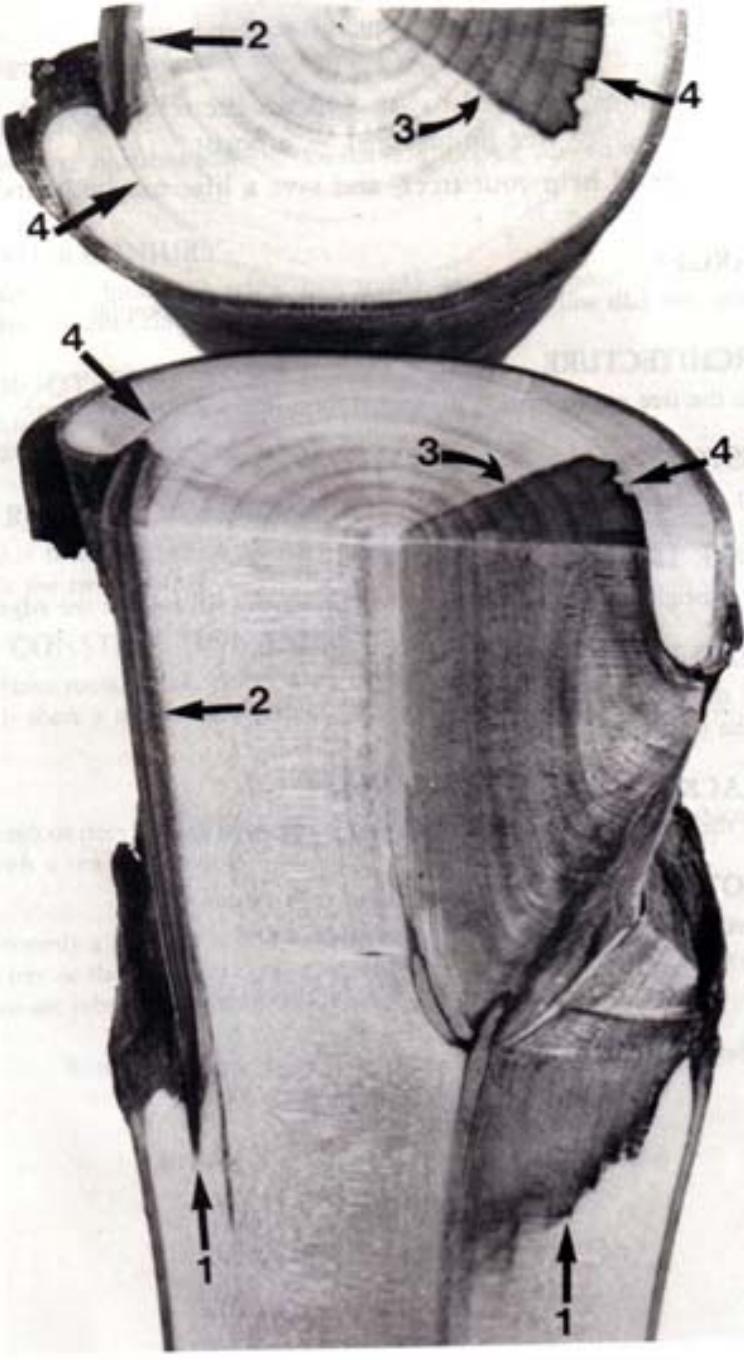
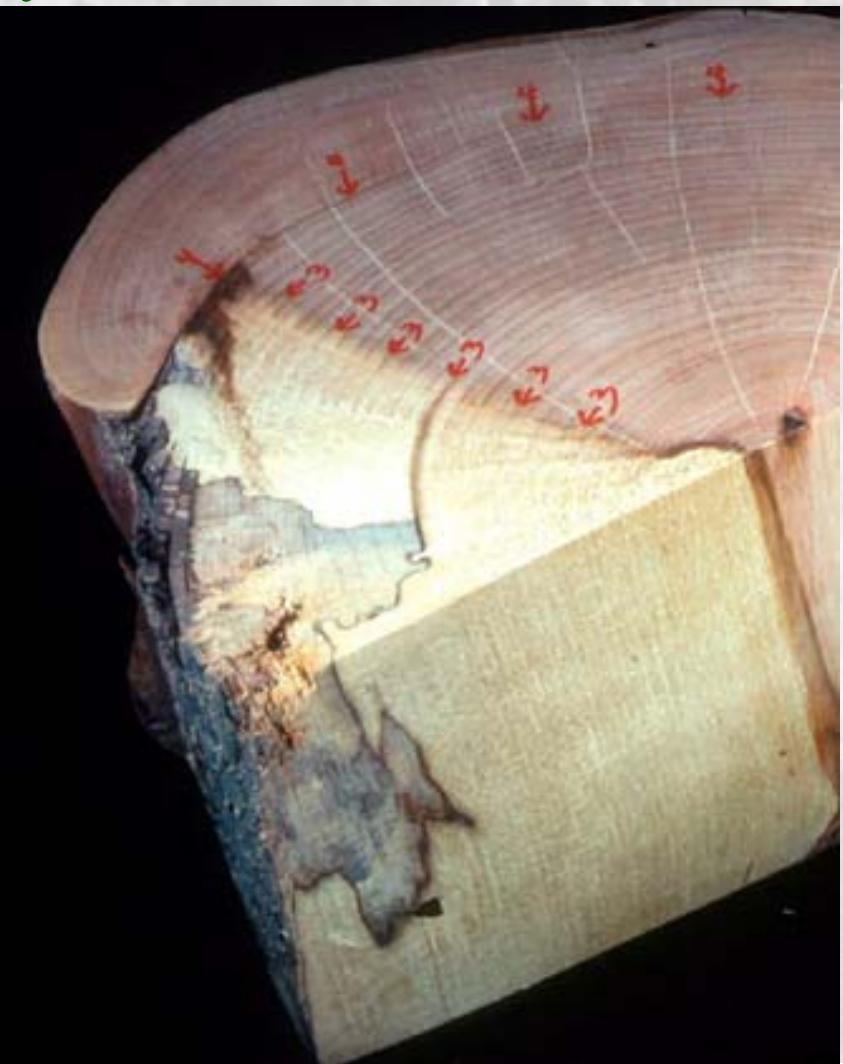
American Tree Care, Inc.  
P.O. Box 194  
Southampton, New York 11968  
Telephone 516-283-8507



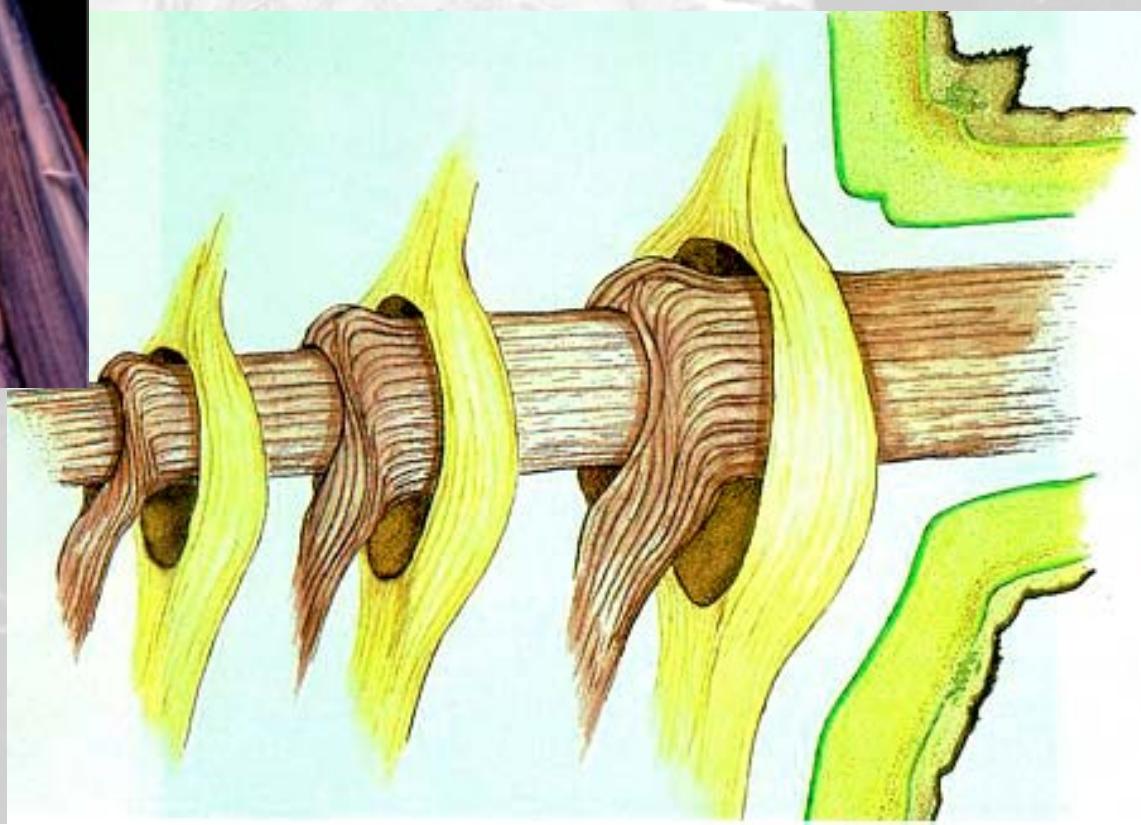
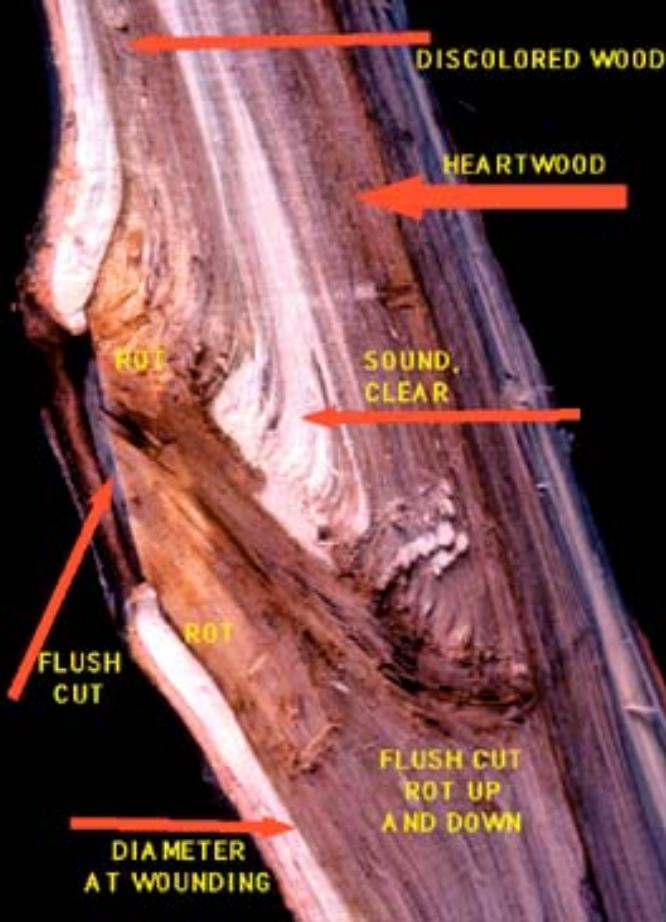
Doctor Honoris Causa  
por la Universidad de  
Padova (Italia), con  
D. Zanzi



# La compartimentación y el C.O.D.I.T.



# La unión de la rama al tronco



# La unión de la rama al tronco



Corteza incluida



# Parénquima radial



Adaptación  
del árbol a  
lesiones y  
condiciones  
adversas



# La dignidad del árbol

