American Pomological Society Annual Report

JANUARY 1 - NOVEMBER 30, 1970

L. D. TUKEY, *Secretary-Treasurer*

BALANCE, CHECKING ACCOUNT—January 1, 1970			$ 3,059.64
INCOME			4,243.05
Membership		$3,011.00	
Individual	$2,104.00		
Industrial	20.00		
Society	150.00		
Subscriptions	737.00		
Fruit Var. & Hort. Digest		473.00	
Advertising	360.50		
Back Issues	112.50		
Magazines (Trade)		257.50	
Dividends and Interest		499.90	
Stock	322.40		
Savings	97.50		
Mortgage	80.00		
Exchange (Canadian)		1.65	
EXPENSES			4,531.30
Administration		2,016.52	
Secretarial Assistance	224.00		
Telephone	26.50		
Audit	150.00		
Book Publishing	1,500.00		
Supplies and Other	116.02		
Fruit Var. & Hort. Digest		1,912.38	
Publishing	1,676.05		
Postage	104.33		
Other	132.00		
Magazine Subscriptions and Refunds		227.00	
Membership Refund		20.00	
Other		349.16	
Awards	49.16		
Honorarium	300.00		
Check Charges		6.24	
BALANCE, CHECKING ACCOUNT—November 30, 1970			2,771.39
ASSETS			12,276.23
Checking Account		2,771.39	
Savings Account		1,500.00	
Stock—120 shares Southern N.E. Telephone Co.		6,500.00	
Second Mortgage on house—Nov. 30, 1970		1,504.84	

MEMBERSHIPS AND SUBSCRIPTIONS—DECEMBER 2, 1970

			Totals
MEMBERSHIPS			607
Individual		513	
United States	400		
Canada	66		
Foreign	47		
Life		74	
United States	69		
Canada	2		
Foreign	3		
Hort. Societies & Fruit Grower Associations		19	
United States	16		
Canada	2		
Foreign	1		
Industrial		1	
SUBSCRIPTIONS TO FVHD			187
United States	24		
Canada	16		
Foreign	64		
Libraries	74		
Complimentary	9		
GRAND TOTAL, MEMBERSHIPS AND SUBSCRIPTIONS			794

Some Thoughts on the Origin of Spur-Type Apple Mutations in the State of Washington

RONALD B. TUKEY*

The severe freeze of 1955 killed a large number of trees in Washington. The freeze damage was particularly severe on young trees in a high state of vigor. Nursery trees as well as trees in the orchard in this condition died.

There were three situations at that time which could have effected the discovery of spur-type trees: (1) shortage of trees from nurseries because of the number of nursery trees killed; (2) high demand for Red and Golden Delicious trees of any kind or grade to replant orchards; and (3) a system of stump grafting developed as an emergency measure.

The high demand for trees, accompanied by a general shortage, tended to result in the sale and planting of many trees which might otherwise have been destroyed. Similarly many of these weak or abnormal trees were nursed along and maintained in orchards. Under more normal conditions many of these trees might have been replaced.

That many of these weaker trees should later be recognized as a new type, a spur type tree, is no longer surprising. Spur type trees tend to be smaller and less vegetative when first planted. Often newly planted spur types do not grow well and resemble sick trees. Only with experience have we learned to prune such young trees hard, fertilize them heavily, and force them into good vegetative growth.

The stump grafting of trees was an-

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