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**TWENTY-FOURTH AND TWENTY-FIFTH
ANNUAL REPORTS**

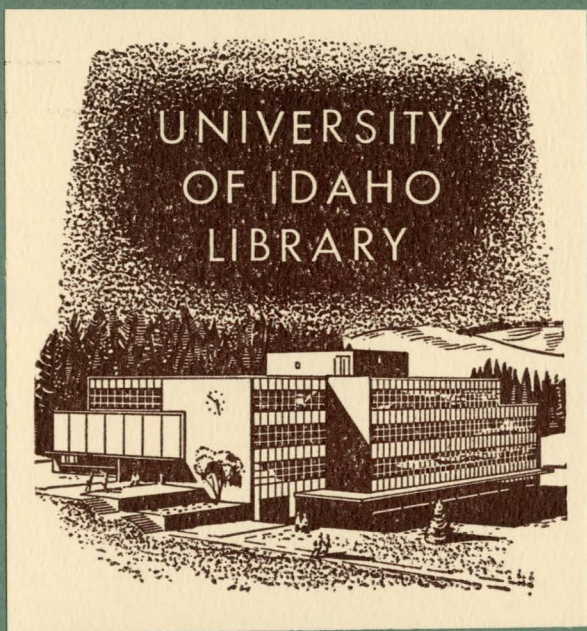
OF

**Pend d'Oreille
Timber Protective
Association**



**FOR THE YEARS
1931 - 1932**

FRANK
CHAD TO VNU
WOODH



PEND D'ORVILLE
TIMBER PROTECTIVE
ASSOCIATION

The Year 1931 and 1932

TWENTY-FOURTH AND TWENTY-FIFTH
ANNUAL REPORTS

—OF—

**PEND D'ORIELLE
TIMBER PROTECTIVE
ASSOCIATION**

—FOR—

The Year 1931 and 1932

OFFICIAL DIRECTORY

T. J. Humbird, President.....Sandpoint, Idaho
Ben E. Bush, Vice President.....Moscow, Idaho
F. L. Greer, Secretary-Treasurer.....Sandpoint, Idaho
M. Van Dyk, Chief Fire Warden.....Sandpoint, Idaho

Directors

F. J. Humbird.....Sandpoint, Idaho
Ben E. Bush.....Moscow, Idaho
Ole Pearson.....Sandpoint, Idaho

Day - NW
SD
421
P45
1931/32

Secretary's Report

*To State Forester, Idaho State Land Board, and Members of the
Pend d'Oreille Timber Protective Association.*

Gentlemen:

The fire seasons of 1931 and 1932 stand in vivid contrast. During 1931 the humidity was so low that fires were out of bounds within a few minutes of their origin; while in 1932, though the weather was seemingly as dry and hot, our alert force was able to surround most of our blazes before they assumed serious proportions.

The incendiary was undoubtedly encouraging fires in many instances, but human frailty was also abroad. One of our most costly fires was undoubtedly caused by the carelessness of our oldest, most experienced warden. He had a contraption to find bee trees, that leaked live coals, and only the good detective work of our Chief Van Dyk uncovered the cause. Six fires set in a "bee line" came near burning the unsuspecting warden while he slept, and he could not believe that his carelessness had caused the Association more expense than the cost of all the honey he and his family could eat in one hundred years.

Chief Van Dyk and his assistant wardens were given to understand that timber owners could not again pay 36c and acre for fire protection, and if 1932 expense was not held to a minimum, their jobs and the life of this Association were at stake. The 3c an acre assessment for 1932 is a cheering response to that demand.

I feel confident in predicting that this Association will never again face assessments as large as in 1931.

Owing to stress of State work in December, the Bureau of Public Accounts was unable to audit our 1932 accounts in time to have our biennial report printed for the legislators.

State Forester Bush and Deputy Feary have given much of their time to our wardens in the field, and we take this opportunity to express our appreciation for their loyal and helpful support. We paid the U. S. Forest Service \$6,685.00 for fire suppression in 1931.

There has been no fires in 1932 that required payment to the U. S. Forest Service for suppression.

This Association resigned from membership in the Western Forestry and Conservation Association in 1931.

I am confident that the lowering of the wage of tempoary fire fighters has materially reduced the number of incendiary fires in 1932.

For your Treasurer's Financial Statement, I refer you to tabulated reports.

T. L. GREER,
Secretary-Treasurer.

HOW TALL IS A TREE ?

It depends on who saw it, and how far away from him. Stories are current today about trees in the "back reaches of Australia" alleged to exceed 500 feet in height, and reports of trees crowding or exceeding the 400-foot mark crop up regularly in the forestry journals.

To make a really good tree story is often difficult. A member of the Laboratory staff who spent a year in Australia not long ago used the opportunity to check up on some of the basic facts. The tallest Australian tree he actually measured was 310 feet, and he satisfied himself that the tallest tree ever measured with accuracy in that country was a Eucalyptus regnans or "mountain ash" that grew at Colac, Victoria, and was 346 feet high. A prize offered at the Melbourne Exposition in 1888 for proof of the tallest tree standing at that time was won on evidence for a eucalypt 325 feet high.

Measurements by a well known forester gave 363 feet for the height of a redwood growing in Bull Creek Flat, California. This is the tallest tree in the world on which there is authentic and reliable information. Even 360 feet is a lot of tree; if you can bat a baseball that far you can hit home runs in a number of major league ball parks.

Report of Fire Warden for 1931 - 1932

Idaho State Forester, State Land Board, and Members of the Pend d'Oreille Timber Protective Association.

Gentlemen:

I herewith submit the biennial report for the years 1931 and 1932 as Chief Fire Warden for the Pend d'Oreille Timber Protective Association.

A reduction of \$10.00 per month for all wardens was put in effect at opening of 1931 fire season. Temporary labor was paid thirty cents per hour, cars five cents per mile, and trucks \$1.00 per hour for actual time. Per diem wardens received \$10.00 and \$15.00 per month, depending upon their telephone facilities, thirty cents per hour and \$1.00 per day for board on fire suppression.

A total of 104 fires were suppressed of which 47 were class A, 35 class B, and 22 class C. I think it is safe to say that the 1931 fire season was the driest year ever experienced with continuously low humidity. The unemployment situation brought us fire upon fire.

Our first fire of the season was on April 26th in Sec. 7, T. 56N, R. 5W—class C, of unknown origin, covering 40 acres. In May there were six fires, two of incendiary and four caused by slash burning. In June there were ten fires, two of which were classed as incendiary. In July there were 41 fires, of which 11 were classed as incendiary, making a total of 31 incendiary fires. Our report shows 11 unknown fires which very likely could be charged as incendiary.

The "Fire Bug" is very hard to catch, one suggestion would be to increase patrol and have undercover men in jungle camps. Suppress the news of fires, also take the premium of wages off fire fighting.

On August 3rd there were four fires of incendiary character, the Freeman Lake fire, which burned some 19,999 acres; the Blanchard fire, which burned some 11,000 acres; one fire started in the

State of Washington, ran into our territory and covered 100 acres before being suppressed.

Owing to the nature of the ground, mostly yellow pine type, the Blanchard fire did very little damage to merchantable timber. It is estimated that not to exceed five per cent of merchantable timber was destroyed. Most of this is being salvaged this winter.

BURNING PERMITS

There were 143 land-clearing burning permits issued during 1931, and at no time was a permit refused. No fire was started from permittees.

SLASH DISPOSAL

Slash disposal was carried on during the spring and fall, approximately 3000 acres were disposed of. Slash disposal notices have been mailed to loggers, and with favorable burning weather next spring, most areas will be in fair condition.

Two thousand book-covers for school children were distributed with a short talk on "Fire Prevention," to all schools within Association boundaries.

During 1931 I have to report that only two fires required my attention, caused by active lumber operation. The fires were paid for by the operators.

1932 SEASON

A reduction in all wages was put into effect the first day of May. Chief Warden was cut to \$150 per month; three District Wardens to \$100; Office Assistant to \$100; Field Assistant to \$125, and all other Wardens and Lookouts, \$80. Per Diem Wardens received \$10 and \$15 per month, depending upon the telephone facilities; while 20c per hour was paid temporary labor.

Some sixty volunteer Fire Wardens were appointed by the Forest Service and the Association, which was some help in reducing the incendiary fires. With the exception of two men the regular force was all new employees. Local help was hired for fire suppression and good men were secured for this work at the reduced rate of 20c per hour. The suppression of "fire news" by the newspapers helped to keep the undesirable element from flocking into this territory.

The first fire of the season of any consequence was on June 24th, and the last one was September 14th. Practically all of our fires of any consequence were in cut-over areas, where the slash had not been disposed of. The damage to merchantable timber was caused by fires driving into it from the slashing areas. No fires originat-

ing in green timber gave us any trouble. Incendiary fires, although reduced, still head the list with approximately one-third of total.

BURNING PERMITS

There were 150 burning permits for land-clearing issued during the season, and at no time were permits refused. Considerable checking up was done on fire permits, but no forest fire was started by any permittee.

Slash disposal was carried on during the spring and fall. Spring burning was very satisfactory, owing to weather conditions. Some 1500 acres were burned during the spring. The fall was not so good owing to the dry weather in September and October. Some 2000 acres of slash were disposed of during this period.

I desire to express my appreciation of the hearty cooperation of the personnel of the Kaniksu and Pend d'Oreille National Forests during the past two years.

No fires were started by active lumber operations in 1932. The men in charge of woods operations have been very cordial in their cooperation and support.

Respectfully submitted,
M. VAN DYK,
Chief Fire Warden.

IT'S THERE, ANYWAY

The nineteenth hole and the 30th of February may still be missing, but here's section 37 right in Oregon. Believe it or don't, the odd number lies along the shores of Klamath lake in Klamath county, township 37 south, range 8 east.

Section 37 was the designation given a small tract of land to correct an error in the original survey. Several years ago it was subdivided into lots and the entire area, with exception of one lot, was sold to the Algoma Lumber Co., whose mill adjoins the section.

Boise, Idaho, April 4, 1932.

Honorable C. Ben Ross,
Governor of Idaho, State House.

Dear Sir:

We submit herewith our audit of accounting books and records of the Pend d'Oreille Timber Protective Association covering period December 1, 1930 to November 30, 1931.

Four assessments were levied during this period, upon all members as follows:

- Assessment No. 1— $10\frac{1}{4}$ cents per acre.
 - “ No. 2—10 cents per acre.
 - “ No. 3—5 cents per acre.
 - “ No. 4—11 cents per acre.
- Total assessment, $36\frac{1}{4}$ cents.

On assessment No. 1 the one-fourth of one cent per acre is levied against the acreage owned by the Humbird Lumber Co. and M. W. Evans. The acreage owned by the State of Idaho and Northern Pacific Railway Co. is only included at ten cents per acre, the additional one-fourth cent being dues for membership to the Western Forestry and Conservation Association of which the State is not a member.

All assessments levied against State acreage during this period have been paid and the Association books reflect proper credit therefor as shown by schedule.

This association has not remitted to the State Land Department the State's proportion of grazing fees, which accrues to the credit of the endowment interest fund.

For the information and direction of the officials of this association, I am including without comment as part of this report an inventory of physical movable property submitted by the Secretary of the association.

This association shows an operating loss of \$853.85 after the usual charges for depreciation. The present worth of the association was therefore reduced from \$8897.81 on November 30, 1930, to \$8038.45.

Mr. Ben Bush, on behalf of the State of Idaho, reviewed all claims and has approved such expenditures as being reasonable and necessary to the association's operation.

All checks were verified against vouchers and accompanying claims. I have found all accounting records in excellent condition which facilitated the auditing of the accounts of this association.

Respectfully submitted,
BUREAU OF PUBLIC ACCOUNTS,
F. W. HASSAN, Examiner.

PEND D'OREILLE TIMBER PROTECTIVE ASSOCIATION

Acreage and Assessments 1931 Season

	Acreage	Assessment No. 1, 10¼c	Assessment No. 2, 10c	Assessment No. 3, 5c	Assessment No. 4, 11c	Total
Humbird Lumber Co.	78,357	\$ 8,031.59	\$ 7,835.70	\$ 3,917.85	\$ 8,619.27	\$ 28,404.41
M. W. Evans	160	16.40	16.00	8.00	17.60	58.00
State of Idaho	12,983	1,298.30	1,298.30	649.15	1,428.13	4,673.88
Northern Pacific Ry.	8,412	841.21	841.20	420.60	925.32	3,028.33
Totals	99,912	\$ 10,187.50	\$ 9,991.20	\$ 4,995.60	\$ 10,990.32	\$ 36,164.62

State of Idaho and Northern Pacific Railway are reported as non-regular members. Assessment of ¼ of 1c per acre for membership Western Forestry and Conservation Association was not assessed.

EXHIBIT A

BALANCE SHEET

Close of Business November 30, 1931

ASSETS—

Current:

Cash, First National Bank, Sandpoint		\$7,227.59	
Accounts Receivable:			
Northern Pacific Ry.	\$ 925.32		
M. W. Evans	17.60	942.92	
Total Current Assets.....			\$ 8,170.51

Fixed:

Camp Equipment and Tools	4,385.00		
Horses and Saddles	200.00		
Telephone Lines	1,400.00		
Office Furniture and Fixtures	50.00		
Motor Vehicles	400.00		
Headquarters and Lookout Buildings	800.00		
Total Fixed Assets			7,235.00

Total Assets			<u>\$ 15,405.51</u>
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LIABILITIES—

Current:

Accounts Payable:			
Kaniksu Forest Service.....	\$6,075.79		
Pend d'Oreille Natl. Forest.....	609.15		
City Hospital, Sandpoint	591.10		
Western Forest & Conser. Assn.....	1.02		
Fred Samuels	90.00		
Total Current Liabilities		\$7,367.06	
Present Worth November 30, 1931.....		8,038.45	
			<u>\$ 15,405.51</u>

Reconciliation of Present Worth to November 30, 1931

Credit:

Present worth December 1, 1930.....	\$ 8,897.81
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Debit:

Net operating Income to Nov. 30,		
1931—Loss	\$ 858.85	
Western Forest & Conser. Assn.....	.51	
Present worth November 30, 1931.....	8,038.45	
		<u>\$ 8,897.81</u>

RECONCILIATION OF CASH

SCHEDULE 1

November 30, 1931

Cash Balance, First Natl. Bank Sandpoint, Nov. 30, 1930.....		\$ 1,849.18
CASH RECEIPTS FOR PERIOD—		
Assessment No. 1.....	\$ 10,185.89	
Assessment No. 2.....	9,991.21	
Assessment No. 3.....	4,995.60	
Assessment No. 4.....	10,047.40	\$ 35,220.10
Compulsory Patrol:		
Non-Member Assessments		3,000.00
Clarke-McNary Contribution		7,000.00
State of Idaho Delq. 1929 Assessment	9,455.28	
State of Idaho Delq. 1930 Assessment	2,591.50	
Interest on Delinquent Assessment.....	99.60	
		12,146.38
Notes First Natl. Bank Sandpoint.....		2,000.00
Grazing Fees		611.00
Sale of Equipment		15.00
Sale of Supplies		2.55
Refund Receipts		76.72
		60,071.75
Total Cash Receipts		61,920.93
CASH DISBURSEMENTS FOR PERIOD—		
Fires	\$ 26,564.34	
Pend d'Oreille Natl. Forest.....	9,455.28	
First Natl. Bank Sandpoint	4,696.45	
Patrolling	3,776.88	
Humbird Lumber Co.	3,000.00	
Chief Fire Warden, salary and exp.....	2,236.75	
Office Expense	1,281.37	
Camp Tools and Equipment	706.92	
Miscellaneous Expense	1,067.10	
Board, Horse Feed, etc.	1,270.00	
Western Forestry & Conser. Assn.	195.78	
Tax—Headquarters	148.59	
C. M. & St. P. Ex. Suit.....	111.40	
Refunds to Non-Members	14.52	
Trail Maintenance	79.23	
Telephone Maintenance	88.33	
		54,693.34
Total Disbursements		
Cash on hand, First Natl. Bank Sandpoint Nov. 30, 1931.....		7,227.59
Checks Outstanding:		
Salary Advances—M. Van Dyk.		
Check No. 299	139.00	
Check No. 300	30.00	
		169.00
Cash Balance as per books of Association Nov. 30, 1931		7,058.59

OPERATING REPORT

December 1, 1930, to November 30, 1931, Inc.

REVENUE—

Assessments—Members 1931		\$ 36,164.62	
Assessments Paid by Non-Members...\$	3,000.00		
Less Refund Allowances	14.92	2,985.08	
Clarke-McNary Fund Contributions ..		7,000.00	
Grazing Fees	611.00		
Less Refund Allowances.....	90.00	521.00	
		<hr/>	<hr/>
Total Revenue			\$ 46,670.70

EXPENSES—

Office Expense		1,281.37	
Fire Warden's Salary and Expense.....		2,236.75	
Patrolling		3,776.88	
Trail Maintenance		79.23	
Board, Lodging and Horse Feed		1,270.00	
Maintenance of Telephone Lines		88.33	
Miscellaneous Expense:			
Attorneys' Fees—			
C. M. & St. P. Ry. Suit.....	100.00		
Cost in Suit	11.40		
Other Expense	1,206.94	1,318.34	
		<hr/>	
Western Forestry & Conser. Assn.....		195.78	
Fire Suppression	33,839.38		
Less Refunds	75.17	33,764.21	
		<hr/>	
Total Expense		44,010.89	

DEPRECIATION—

Camp Equipment and Tools	2,281.92		
Live Stock	100.00		
Headquarters Camp	595.00		
Motor Vehicles	300.00		
Furniture and Fixtures	21.74		
Telephone Equipment	220.00		
		<hr/>	
Total Depreciation		3,518.66	

\$ 47,529.55

Operating Loss for Period

\$ 858.85

EXHIBIT C

OPERATIONS IN STATE ACCOUNT

1931

Debits:

November 30, Balance Due.....		\$ 12,046.78	
Assessments 1931 No. 1.....	\$ 1,298.30		
Assessments 1931 No. 2.....	1,298.30		
Assessments 1931 No. 3.....	649.15		
Assessments 1931 No. 4.....	1,428.13	4,673.88	
Total			\$ 16,720.66

Credits:

August 25, 1931 Cash Assess. No. 5, 1929.....	\$ 9,455.28		
August 25, 1931 Cash Assess. No. 1, 1930.....	1,036.60		
August 25, 1931 Cash Assess No. 2, 1930.....	518.30		
August 25, 1931 Cash Assess. No. 3, 1930.....	1,036.60		
July 27, 1931	No. 1, 1931.....	1,298.30	
August 27, 1931	No. 2, 1931.....	1,298.30	
September 27, 1931	No. 3, 1931.....	649.15	
November 16, 1931	No. 4, 1931.....	1,428.13	
Total			\$ 16,720.66

EXHIBIT A

BALANCE SHEET

Close of Business December 31, 1932.

Close of Business December 31, 1932.

ASSETS

Current—

State Brush Burning\$ 309.38

Accounts Receivable:

City Hospital 5.60

Total Current Assets \$ 314.98

Fixed—

Camp Equipment and Tools 3,300.00

Horses and Saddles 150.00

Telephone Lines 1,000.00

Office Furniture and Fixtures..... 50.00

Motor Vehicles 200.00

Headquarters and Lookout Bldgs..... 720.00

Total Fixed Assets 5,420.00

Total Assets \$5,734.98

LIABILITIES

Current—

Accounts Payable:

Bonner County National Bank Sandpoint 886.74

Humbird Lumber Co., Loan..... 500.00

Grazing Fees 100.00

Total Current Liabilities 1,486.74

Present Worth 12-31-32 4,248.24

\$5,734.98

Reconciliation of Present Worth to Dec. 31, 1932.

CREDIT

Present Worth December 1, 1931..... \$8,038.45

DEBIT

Net Operating Loss to December 31, 1932.. 3,790.21

Present Worth December 31, 1932 4,248.24

\$8,038.45

RECONCILIATION OF CASH

SCHEDULE I

December 31, 1932.

Cash Balance, First National Bank Sandpoint,
November 30, 1931 \$7,227.59

CASH RECEIPTS FOR PERIOD

Assessment No. 4, 1931	\$ 942.92	
Assessment No. 1, 1932	2,843.31	
		<u>\$3,786.23</u>
Compulsory Patrol, Non-Members As- sessments	1,888.46	
Clarke-McNary Contributions	6,000.00	
Refund Fire Settlement, Aug. 1928, C. M. St. P. & Pac. Railway Co.	1,750.00	
Grazing Fees	696.70	
Loan from Humbird Lumber Co.	500.00	
Refund Receipts	30.02	
Northern Pacific Railway Co., Assessment Contribution .....	.01	
		<u>\$14,651.42</u>
Total Cash Receipts		\$21,879.01

CASH DISBURSEMENTS FOR PERIOD

Fires	\$5,172.42
Kaniksu Forest Ser. 1931 Fire Suppression	6,075.79
Pend d'Oreille Nat'l Forest do	609.15
Patrolling	4,278.78
Chief Fire Warden, Salary and Expenses	2,512.98
Office Expense	566.52
Hospital Fees	596.70
Distribution of Grazing Fees	596.70
Miscellaneous Expense	469.92
Camp Equipment and Tools	50.27
Boarding, Lodging and Feeding Horses.....	824.63
Trail Maintenance	15.60
Telephone Maintenance	107.46
Refunds to Non-Members	63.12
State Brush Burning	309.38
Liability Insurance	422.87
Fred Samuels, Refund 1931 Grazing Fees..	90.00
Federal Check Tax	3.46
	<u>\$22,765.75</u>
Total Cash Disbursements	\$22,765.75

Cash on hand, First Nat'l Bank, Sandpoint,
Dec. 31, 1932 (In Red) \$ 886.74

Checks Outstanding:

Dec. 1932, No. 438	\$ 4.52	No. 441	\$ 63.83
439	18.04	442	516.85
439 3/4	48.20	443	16.02
440	210.20		
			<u>\$ 877.66</u>

Total \$ 877.66

Cash Balance as per books of Association
12-31-32—OD \$ 9.08

EXHIBIT B

OPERATING REPORT

December 1, 1931 to December 31, 1932.

REVENUE

Assessments, Members, 1932		\$2,843.31
Assessments Paid by Non-Members	\$1,888.46	
Less Refund Allowances	63.12	1,825.34
Clarke-McNary Fund Contributions.....		6,000.00
Refund Aug. 1928 Fire Settlement C. St. P. & Pac. Ry.		1,750.00
		\$ 12,418.65

EXPENSES

Office Expense		\$ 566.52
Fire Warden's Salary and Expense		2,512.98
Patrolling		4,278.78
Trail Maintenance		15.60
Board, Lodging and Horse Feed		824.63
Maintenance of Telephone Lines		107.46
		\$ 8,305.97

Fire Suppression	\$5,172.42	
Less Refunds	30.02	
		\$ 5,142.40

Miscellaneous Expense:

Liability Insurance	\$ 422.87	
Other Expenses	472.35	
		\$ 895.22

Total Expenses \$ 14,343.59

Depreciation:

Camp Equipment and Tools	\$1,135.27	
Live Stock	50.00	
Headquarters	80.00	
Motor Vehicles	200.00	
Telephone Equipment	400.00	
		\$ 1,865.27

Total Depreciation \$ 1,865.27

\$ 16,208.86

Operating Loss for Period..... \$ 3,790.21

EXHIBIT C

**OPERATION IN STATE ACCOUNT
1932**

DEBITS

Assessment No. 1, 1932.....\$397.50

CREDITS

October 23, 1932, Cash Assessment No. 1, 1932.....\$397.50

EXHIBIT D

ACREAGE AND ASSESSMENT 1932 SEASON

Assessment No. 1	Acreage at 3c	Amount
Humbird Lumber Company	72,635	\$2,179.05
State of Idaho	13,250	397.50
Northern Pacific Railway Co.....	8,892	266.76
	<hr/>	<hr/>
	94,777	\$2,843.31

COMPARATIVE AREA OF FIRES BY YEARS

	Fires Under 10 A's.	10 A's or More
1908.....	127 or 94 per cent.	8 or 6 per cent.
1909.....	130 or 75 per cent.	43 or 25 per cent.
1910.....	85 or 58 per cent.	61 or 42 per cent.
1911.....	108 or 90 per cent.	12 or 10 per cent.
1912.....	8 or 64 per cent.	3 or 38 per cent.
1913.....	46 or 88 per cent.	6 or 12 per cent.
1914.....	178 or 82 per cent.	37 or 18 per cent.
1915.....	86 or 68 per cent.	40 or 32 per cent.
1916.....	48 or 85 per cent.	8 or 15 per cent.
1917.....	112 or 71 per cent.	45 or 29 per cent.
1918.....	56 or 56 per cent.	43 or 44 per cent.
1919.....	40 or 50 per cent.	41 or 50 per cent.
1920.....	41 or 66 per cent.	21 or 34 per cent.
1921.....	57 or 62 per cent.	35 or 38 per cent.
1922.....	70 or 61 per cent.	60 or 39 per cent.
1923.....	55 or 87 per cent.	8 or 13 per cent.
1924.....	114 or 65 per cent.	62 or 35 per cent.
1925.....	130 or 85 per cent.	23 or 15 per cent.
1926.....	55 or 73 per cent.	20 or 27 per cent.
1927.....	98 or 92 per cent.	8 or 8 per cent.
1928.....	125 or 81 per cent.	29 or 19 per cent.
1929.....	149 or 83 per cent.	32 or 17 per cent.
1930.....	74 or 93 per cent.	15 or 7 per cent.
1931.....	82 or 85 per cent.	22 or 23 per cent.
1932.....	30 or 71 per cent.	12 or 28 per cent.
Total.....	1992 or 76 per cent.	670 or 24 per cent.

RAINFALL BY MONTHS DURING FIRE SEASON

	May	June	July	Aug.	Sept.	Total
1908.....	2.18	1.63	.37	.79	.49	5.46
1909.....	1.70	.86	2.10	.09	1.48	6.23
1910.....	2.31	1.37	.43	.27	1.98	6.36
1911.....	3.38	1.31	.19	1.52	2.23	8.63
1912.....	2.38	2.16	2.13	2.95	1.73	11.35
1913.....	2.40	3.32	1.32	.67	1.60	9.31
1914.....	1.74	2.56	1.60	.20	3.00	9.10
1915.....	3.62	1.49	2.46	.11	1.56	9.24
1916.....	2.13	3.22	1.62	1.44	1.97	10.38
1917.....	2.25	1.73	.02	.03	.55	4.58
1918.....	1.30	.76	.88	3.61	.55	7.10
1919.....	2.42	.32	.02	1.23	1.45	5.44
1920.....	2.60	1.70	.87	.94	3.74	9.85
1921.....	.87	1.02	.11	.60	1.09	3.69
1922.....	1.37	.17	.45	.85	1.90	4.74
1923.....	2.52	2.45	.84	1.15	.46	7.47
1924.....	.72	1.40	.34	1.56	1.41	5.43
1925.....	2.51	1.46	.44	.46	.80	5.67
1926.....	1.88	1.03	.12	4.11	2.55	9.69
1927.....	2.42	2.54	.67	1.79	7.60	15.02
1928.....	.79	1.94	1.42	.43	.04	4.62
1929.....	.75	2.25	.01	.24	.39	3.64
1930.....	2.84	1.54	.12	1.34	.91	6.75
1931.....	1.07	1.49	.42	.05	2.65	5.18
1932.....	3.12	.73	.49	.35	.55	5.24
	2.05	1.62	.78	1.07	1.68	7.21

SUMMARY OF NO-COST FIRES AND CAUSES

Causes—	Lbring	Lightg	R. R.	Br. Burning	Campers	Incendiary	Misc.	Unk'wn	Total
1908.....	6	1	29	20	4	1	8	34	103
1909.....	4	4	74	14	10	3	10	19	135
1910.....	4	..	48	1	9	1	1	14	78
1911.....	4	5	45	8	8	4	5	16	95
1912.....	3	1	1	..	..	..	..	..	5
1913.....	11	1	9	7	3	..	4	10	45
1914.....	1	4	70	15	5	25	..	32	152
1915.....	..	4	9	20	6	16	..	12	67
1916.....	8	8	1	5	14	1	1	8	46
1917.....	5	..	12	50	4	4	..	17	92
1918.....	1	14	6	8	5	4	..	17	55
1919.....	1	10	..	7	3	3	1	10	35
1920.....	9	1	7	2	..	..	2	21	42
1921.....	4	2	11	6	5	3	..	14	45
1922.....	14	3	25	5	7	..	2	17	73
1923.....	2	6	8	2	6	4	..	9	37
1924.....	30	5	23	24	5	0	11	12	110
1925.....	7	12	29	25	3	3	13	12	104
1926.....	2	1	8	5	3	0	3	4	26
1927.....	28	21	8	3	3	0	12	0	75
1928.....	0	16	46	11	9	9	2	8	101
1929.....	0	13	43	21	0	0	14	0	91
1930.....	0	0	0	8	0	0	3	3	14
1931.....	1	5	0	5	0	2	2	5	20
1932.....	0	0	1	2	2	0	1	4	10

SUMMARY OF COST FIRES AND CAUSES

Causes	Lbring	Lightg	R. R.	Br. Burning	Campers	Incendiary	Misc.	Unk'wn	Total
1908.....	4	1	7	4	1	1	5	9	32
1909.....	4	..	2	2	7	3	4	13	35
1910.....	9	..	9	6	2	2	1	39	68
1911.....	6	2	1	1	1	2	4	8	25
1912.....	..	..	..	..	1	..	..	2	3
1913.....	5	..	..	..	..	..	1	1	7
1914.....	15	5	2	5	9	4	4	19	63
1915.....	15	2	1	4	4	10	5	18	59
1916.....	..	2	1	2	2	..	1	3	10
1917.....	1	7	1	8	4	15	..	29	65
1918.....	1	17	1	4	2	4	..	15	44
1919.....	3	13	0	3	3	9	..	15	46
1920.....	2	6	..	1	2	..	1	4	16
1921.....	4	2	6	5	4	4	12	10	47
1922.....	10	8	1	8	9	0	3	18	57
1923.....	3	3	1	8	4	2	..	5	56
1924.....	19	7	9	9	1	2	4	15	66
1925.....	3	18	3	9	2	8	3	2	49
1926.....	6	15	2	3	6	12	3	2	49
1927.....	3	7	0	1	1	14	2	3	31
1928.....	2	12	8	8	3	8	0	12	53
1929.....	0	18	10	12	0	5	45	0	90
1930.....	0	14	1	8	0	10	31	11	75
1931.....	5	11	0	1	0	36	19	12	84
1932.....	0	2	0	3	0	18	2	7	32

Cost fires are those requiring assistance to regular patrol.

COMPARATIVE STATISTICS
SUMMARY OF FIRES BY YEARS, CLASSIFIED, DAMAGE AND COST

	No. of Cost Fires	No. No- Cost Fires	Cost of Patrol	Cost of Administra tion	Cost of Fires	Member Area	Assessm't Cents	No. of Patrol
1908.....	32	103	\$ 4,230.00	\$1,588.00	\$ 2,061.00	300827	.03	14
1909.....	35	135	4,839.00	2,922.00	2,736.00	309321	.02 1/2	16
1910.....	68	78	11,889.00	1,479.00	39,575.00	329772	.13	34
1911.....	25	95	5,430.00	1,563.00	2,035.00	345223	.02 1/2	22
1912.....	3	5	4,044.00	1,788.00	137.00	338094	.02	22
1913.....	7	45	4,417.00	1,272.00	289.00	584302	.01 1/2	23
1914.....	63	152	5,656.00	2,013.00	4,973.00	575824	.04	31
1915.....	59	67	4,706.00	1,642.00	2,621.00	575937	.01 1/4	18
1916.....	10	46	4,808.00	2,238.00	453.00	563881	.02 1/8	27
1917.....	65	92	7,489.00	2,740.00	20,860.00	540453	.07	26
1918.....	44	55	7,774.00	3,165.00	14,604.00	521291	.05 1/2	25
1919.....	46	35	7,270.40	2,564.00	75,545.00	519274	19 1/2	25
1920.....	16	46	5,865.76	3,592.81	18,256.76	509403	.09 1/2	20
1921.....	45	47	5,491.71	2,468.71	17,803.27	271572	.07 3/4	13
1922.....	56	74	8,077.77	1,916.11	18,027.67	263108	.11 1/4	17
1923.....	26	37	9,939.80	2,122.72	5,030.25	262808	.06 1/4	18
1924.....	66	110	12,594.30	1,952.42	20,150.59	252271	.16 1/2	25
1925.....	49	104	10,055.37	2,153.16	21,724.40	262194	.17 1/4	24
1926.....	49	26	13,603.97	3,020.18	178,098.91	248318	.56 1/4	20
1927.....	31	75	14,290.41	4,526.85	3,033.45	246350	.04 3/8	30
1928.....	53	101	12,534.17	3,758.21	21883.03	248567	.11 3/8	28
1929.....	90	91	17,846.42	4,384.46	165,901.31	249241	.64 3/8	47
1930.....	75	14	9,355.50	3,391.05	24,792.20	110613	.25 1/4	27
1931.....	84	20	3,776.88	3,518.12	26,564.34	999.12	36 1/4	27
1932.....	32	10	4,278.78	3,079.50	5,172.42	9,4777	.03	27

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COMPARATIVE STATISTICS.

	Fires	Incend.	Cmprs	BshBng	R. R.	Lightn.	Lbrng	Mis.	Unk'wn	Area	M Feet	Total Cost
1908....	135	2	5	24	36	2	10	13	43	.....	.....	\$ 9,275.00
1909....	170	5	17	16	76	4	8	11	32	6705	.....	14,384.00
1910....	146	3	11	7	57	..	13	2	53	50548	125,000	57,024.00
1911....	120	6	9	9	46	7	10	9	24	1767	35	10,358.00
1912....	8	..	1	..	1	1	3	..	2	960	.....	7,475.00
1913....	52	..	3	7	9	1	16	5	11	960	750 Pls.	8,666.00
1914....	215	29	114	20	72	9	16	4	51	11734	800	17,003.00
1915....	126	26	10	24	10	6	15	5	30	7000	719	12,100.00
1916....	56	2	14	7	2	10	8	2	11	208	265	10,307.00
1917....	157	19	8	58	13	7	6	..	46	18678	1,800	36,652.00
1918....	99	8	7	12	7	31	2	..	32	11629	5,839	2,950.00
1919....	81	12	6	10	..	23	4	1	25	55416	37,000	98,824.00
1920....	62	..	2	3	7	11	11	3	25	4535	5,830	37,091.76
1921....	92	7	9	11	17	4	8	12	24	13328	1,634	28,278.22
1922....	130	..	16	13	26	11	24	5	35	10462	1,105	32,111.11
1923....	63	6	10	10	9	9	5	..	14	765	387	20,405.12
1924....	176	2	6	33	32	12	49	15	27	15278	350	41,587.31
1925....	153	11	5	34	32	30	10	17	14	6039	9,000	45,516.73
1926....	75	12	9	8	10	16	8	6	6	44924	80,000	194,723.06
1927....	106	14	4	4	8	23	31	14	3	640	150	22,055.37
1928....	154	15	10	3	6	23	6	2	15	10912	40,416	43,654.66
1929....	181	5	0	33	53	31	0	59	0	20586	6,000	188,763.28
1930....	89	10	0	16	1	14	0	34	14	3017	1,233	37,767.77
1931....	104	38	0	6	0	16	6	21	17	19275	2,522	44,010.89
1932....	42	18	2	5	1	2	0	3	11	1592	689	14,343.59

School of Forestry
Library