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THIRTEENTH ANNUAL REPORT

— OF THE —

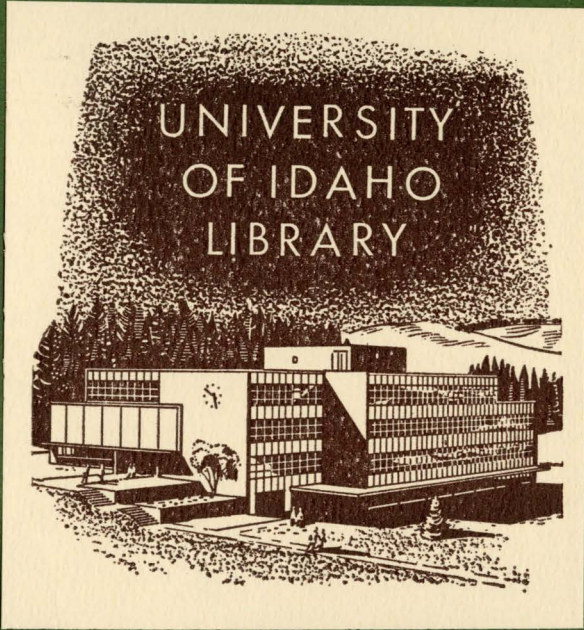
PEND D'OREILLE
TIMBER PROTECTIVE
ASSOCIATION



FOR THE YEAR

1920

YEARLY
CHANGING TO MEAN
WOODEN



THIRTEENTH ANNUAL REPORT

— OF THE —

PEND D'OREILLE
TIMBER PROTECTIVE
ASSOCIATION

FOR THE YEAR

1920

OFFICERS

B. H. HORNBY, PRESIDENT
J. A. HUMBIRD, VICE-PRESIDENT
T. L. GREER SECRETARY-TREASURER
J. R. WINNINGTON, CHIEF FIRE WARDEN
SANDPOINT, IDAHO

DIRECTORS

B. H. HORNBY, J. A. HUMBIRD, H. L. SOARE,
JOHN DIMELING, E. W. HARRIS

REPORT OF THE PRESIDENT

TO THE MEMBERS OF THE PEND D'OREILLE TIMBER PROTECTIVE ASSOCIATION AND STATE BOARD OF LAND COMMISSIONERS:

Gentlemen:

The year 1920 developed very little out of the ordinary, our expense of about 9 cents an acre being about in line with other years, considering the advanced cost of supplies and labor.

It is a fact worthy of note, however, that over 50 per cent of the actual fire fighting was done on State land, and as the State has such a large holding in this immediate vicinity, it certainly emphasizes the need of continued fire protection work. These fires were not far from a 10,000-acre tract recently sold for \$750,000 by the State.

We still maintain that an ounce of prevention is worth a pound of cure and that efficient patrol and prevention of fires is the greatest object of our Association work.

Respectfully submitted,

B. H. HORNBY, *President.*

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421
P45
1920

Pend d'Oreille Timber Protective Association

FINANCIAL STATEMENT

RECEIPTS FROM ALL SOURCES

	Acreage	
Humbird Lumber Company.....	152,700	\$ 8,162.10
\$2500 of this a loan for few days)		
McGoldrick Lumber Company.....	3,800	363.20
Dalkena Lumber Company.....	8,699	641.08
Dover Lumber Company.....	14,122	1,261.68
Hope Lumber Company.....	2,981.72	265.40
Bonnors Ferry Lumber Company.....	3,742.31	327.45
Rutlede Timber Company.....	160	14.00
State of Idaho (from grazing lease).....	221,485.04	22.50
Somers Bros. Match Block Company.....	680	4.50
E. T. Chapin Company.....	160	14.00
Potlatch Lumber Company.....	2,560	224.00
Menasha Woodenware Company.....	2,920	255.50
Northern Pacific Railroad.....	60,961	4,024.95
Panhandle Lumber Company.....	27,686.33	2,422.55
M. W. Evans	160	14.00
Bills Payable		13,288.20
Week's Law Fund.....		1,173.86
Season Acct. (Washinton Fire Association on 1919 fire)		318.12
Season Acct. (Duplicating 1919 voucher No. 836)		437.46
		\$33,234.55

DISBURSEMENTS

Board, Lodging and Horse Feed.....	\$ 305.60
Fires	18,256.96
Miscellaneous Expense	271.92
Patrolling	5,865.76
Salary, Chief Warden and Assistant.....	3,592.81
Office Expense	518.60
Transportation	740.70
Camp Equipment and Tools.....	78.28
Season Account (Including Voucher No. 836 which was duplicated by 1920 voucher, No. 25).....	1,163.32
Insurance	60.00
Vehicles	753.65
Telephone Construction.....	40.24
Liability Insurance.....	1,901.59
New Trails	320.67
Western Forestry & Conserv. A.....	721.66
Humbird Lumber Company (Covering loan of few days) ..	2,500.00
	\$37,091.76

Pend d'Oreille Timber Protective Association

TRIAL BALANCE

Before Closing Books, Dec. 1, 1920

	DEBIT	CREDIT
Board, Lodging and Horse Feed.....	\$ 305.60	
Fires	27,931.32	
Miscellaneous Expense.....	993.58	
Patrolling	6,752.37	
Salary, Chief Warden and Assistant.....	3,689.81	
Office Expense	522.95	
Trail Cutting	320.67	
Transportation	776.35	
Camp Equipment and Tools.....	2,078.28	
Horses and Saddles	1,596.31	
First National Bank	1,734.52	
Assessment Account		\$ 46,430.75
Bills Payable		40,577.12
Telephone Construction	606.17	
Office Fixtures	77.50	
Season Account		8,244.83
Water Craft	300.00	
Bonnors Ferry Lumber Company.....	28.08	
E. T. Chapin Company.....	1.20	
Dalkena Lumber Company	195.81	
Dover Lumber Company	79.91	
M. W. Evans	1.20	
Hope Lumber Company	17.80	
Humbird Lumber Company	5,239.76	
State of Idaho	44,046.66	
McGoldrick Lumber Company	142.50	
Menasha Woodenware Company	24.42	
J. C. Natvig	69.60	
Northern Pacific Railroad	347.09	
Panhandle Lumber Company	107.64	
Potlatch Lumber Company	19.20	
Rutledge Timber Company	1.20	
Sandpoint Lumber & Pole Company.....	621.69	
Ignatz Weil	185.60	
Frank Yokum	17.50	
Frederick W. Kehl	15.20	
Idaho Match Block Factory.....	158.70	
Citizens State Bank, P. R.....	93.27	
Vehicle Account	1,091.15	
Expense, Insurance	60.00	
Liability Insurance	1,901.59	
Weeks Law Fund		1,173.86
Interest Paid	714.95	
Standard Motor Parts Company.....	17.05	
Accounts Payable		6,457.54
	\$102,884.10	\$102,884.10

Pend d'Oreille Timber Protective Association

TRIAL BALANCE

After Closing Books, Dec. 1, 1920

	DEBIT	CREDIT
Camp Equipment and Tools.....	\$ 1,558.70	.....
Horses and Saddles	1,396.31	.....
First National Bank	1,734.52	.....
Bills Payable .....	.....	\$ 40,577.12
Telephone Construction	454.63	.....
Office Fixtures	69.75	.....
Season Account .....	.....	10,653.70
Water Craft	225.00	.....
Bonnors Ferry Lumber Company.....	28.08	.....
E. T. Chapin Company	1.20	.....
Dalkena Lumber Company	195.73	.....
Dover Lumber Company	79.91	.....
M. W. Evans	1.20	.....
Hope Lumber Company	17.86	.....
Humbird Lumber Company	5,239.76	.....
State of Idaho	44,046.66	.....
McGoldrick Lumber Company	142.50	.....
Menasha Woodenware Company	24.42	.....
J. C. Natvig	69.60	.....
Northern Pacific Railroad	347.09	.....
Panhandle Lumber Company	107.64	.....
Potlatch Lumber Company	19.20	.....
Rutledge Timber Company	1.20	.....
Sandpoint Lumber & Pole Company.....	621.69	.....
Ignatz Weil	185.60	.....
Frank Yokum	17.50	.....
F. W. Kehl	15.20	.....
Idaho Match Block Company	158.70	.....
Citizens State Bank, P. R.....	93.27	.....
Vehicle Account	818.37	.....
Standard Motor Parts Company.....	17.05	.....
Accounts Payable .....	.....	6,457.54
	<hr/>	<hr/>
	\$ 57,688.36	\$ 57,688.36

Pend d'Oreille Timber Protective Association

OUTSTANDING VOUCHERS

1917	Voucher No.	1339	.....	\$	.90
1917	"	"	1412	.....	3.50
1917	"	"	1597	.....	17.50
1918	"	"	42	.....	24.50
1918	"	"	493	.....	14.00
1918	"	"	495	.....	1.00
1919	"	"	835	.....	190.08
1920	"	"	127	.....	1.00
1920	"	"	128	.....	3.50
1920	"	"	130	.....	3.50
1920	"	"	210	.....	30.00
1920	"	"	225	.....	18.40
1920	"	"	232	.....	28.90
1920	"	"	240	.....	37.06
1920	"	"	249	.....	69.48
1920	"	"	251	.....	17.71
1920	"	"	274	.....	47.08
1920	"	"	276	.....	27.42
1920	"	"	280	.....	3,687.22
1920	"	"	281	.....	32.00
1920	"	"	282	.....	57.60
1920	"	"	284	.....	22.50
1920	"	"	288	.....	44.00
1920	"	"	291	.....	715.51
1920	"	"	296	.....	10.00
1920	"	"	298	.....	100.00
1920	"	"	299	.....	65.00
1920	"	"	309	.....	1.65
1920	"	"	310	.....	46.50
1920	"	"	313	.....	105.60
1920	"	"	314	.....	9.13
1920	"	"	315	.....	25.00
1920	"	"	316	.....	1.75
1920	"	"	317	.....	12.50
1920	"	"	318	.....	50.00
1920	"	"	319	.....	64.00
1920	"	"	320	.....	10.00
1920	"	"	321	.....	4.00
1920	"	"	322	.....	19.00
1920	"	"	323	.....	111.45

.....
\$5,729.94

Balance shown by bank statement.....\$6,772.30

Deposit not shown on bank statement..... 692.16

.....
7,464.46

Less Outstanding Vouchers..... 5,729.94

.....
Balance\$1,734.52

AUDITOR'S REPORT

JANUARY 4, 1921

MR. T. L. GREER, SECRETARY PEND D'OREILLE TIMBER PROTECTIVE ASSOCIATION, SANDPOINT, IDAHO.

Dear Sir:

From a report on an audit of the Pend d'Oreille Timber Protective Association made by G. C. Vaughn, representing this department, dated December 13, 1920, I hereby certify that the receipts and disbursements of the Pend d'Oreille Timber Protective Association were examined, covering a period from December 1, 1919 to November 30, 1920, and it was found that all receipts and disbursements were proper in amount and character, and that the revenues and cash receipts have been properly entered in the books and accounted for.

That the bank balances were verified with the bank statements and found correct.

That the assessments for 1920 were correctly computed and allotted, according to the acreage and levies stated in the report, except as noted in the report.

That accounts receivable are proper except \$610.45 which will be written off and accounts receivable from the State does not agree with the ledger account by the following items: Interest, \$707.28; Revenue Stamps, \$14.86, \$.90 and \$1.80. Total, \$714.85.

The amount due from the State of Idaho, November 30, 1919, as shown in the ledger account, is \$311.35 more than shown on the books of the State Land Department.

That the value of properties is accepted as stated, having been authoritively advised that it is based on physical inventory taken by the association.

Very truly yours,
DEPARTMENT OF FINANCE,
By WM. GOWEN, *Examiner.*

SECRETARY-TREASURER'S REPORT

DECEMBER 1, 1920

TO THE HONORABLE BOARD OF STATE LAND COMMISSIONERS,
AND THE PEND D'OREILLE TIMBER PROTECTIVE ASSO-
CIATION :

At the request of Mr. Ben E. Bush, representing the Land Board, and upon the solicitation of the U. S. Forest Service, approximately 200,910 acres of the State Forests were turned over to the U. S. Forest Service for fire protection during the 1920 season.

This arrangement was felt necessary on account of the topography of the area and because the Forest Service with its permanent organization and contiguous forests could perhaps render better and more satisfactory service than our Association with its temporary organization and large area for our Chief Warden to closely supervise.

Area "B" consisting of 188,571 acres State Forest and 27,112 acres private membership forest is the territory east of Priest Lake and Priest River within the Kaniksu Forest Reserve. The remotest portion of this territory is some 75 miles from the Association headquarters, and the difficulty of close supervision is evident. For this area we furnished tools and equipment, cooperated whenever possible. Two disastrous fires occurred in this territory caused by lightning in the State timber. Some 2535 acres were burned, destroying 3340 M. with total value of \$17,595. The patrolling and fire-fighting in Area "B" cost us \$21,449.68.

Sincere appreciation and the thanks of this Association have been extended to Supervisors J. E. Ryan and H. R. Flint and their capable assistants, J. K. Ward and Frank Foltz.

We cannot speak too highly of the painstaking, intelligent labor of the Forest Service in their cooperation

for the protection of our forests the past season.

We had one other fire costing over \$500, and that was in sections 3 and 10-55-5W, which cost us \$1804.73.

The state of Idaho owns some 221,485 acres of Forested land within our boundaries with an estimated four billion feet of timber thereon. At a conservative valuation this timber is worth today \$12,000,000, and is growing in value every day. The best evidence of the value of this vast heritage is in the sale by the state on June 5, 1920, of 10,000 acres of this forest in this particular district to the Diamond Match Co. for the sum of \$750,000.

The unprecedentedly disastrous season of 1919 exhausted the appropriation made by the last Legislature and the directors borrowed on their personal responsibility \$23,680.75 to cover the State's share of fire protection costs. This season, upon the assurance of the State authorities that the next Legislature would be recommended to repay the costs of protection furnished the State's Forests with interest thereon, our directors have as individuals borrowed the amounts required to meet all bills as they were incurred. Fire assessments were levied during the year totalling 9¼c per acre, for the State amounting to \$20,487.37. Adding the deficit for last season less a credit of \$121.46, our directors are carrying for the state, \$44,046.66, and it is earnestly hoped that the Legislature which meets in January, 1921, will quickly realize the heavy burden of this personal obligation, and grant relief with an emergency appropriation covering the amount with interest to March 1, when the appropriation will become available, making a total due from State of \$46,855.29.

Owing to the fact that our Chief Fire Warden was a new man to our territory, I feel that the members may well feel satisfied with the results attained. The losses have been small and the costs normal.

Respectfully submitted,

T. L. GREER, *Secretary-Treasurer.*

Agriculture is the greatest wood-using industry of the United States; 46 per cent of all the wood which this country consumes is used on the farms.

REPORT OF THE FIRE WARDEN

TO THE IDAHO STATE LAND BOARD AND PEND D'OREILLE
TIMBER PROTECTIVE ASSOCIATION:

The following is a report of the fire season of 1920:

I commenced my duties as Chief Fire Warden for this Association on June 1, and after two week's field reconnaissance of the territory to be covered by this Association for the coming fire season it was thought the best plan to divide the land area within our present boundaries into the following "Fire Units" or "Patrol Districts." Thirteen in number, 12 of these to be under the supervision of a Patrolman or Deputy State Fire Warden, and one the Sandpoint District, to be taken care of by the Headquarters Office at 317 Cedar Street, Sandpoint, Idaho.

Local showers fell over most of this district on July 9, on August 7 and 9, and a general rain on August 28 and 29; and on September 8, 9, and 10. Our most dangerous fire period was from July 15 to August 7, and from August 15 to August 28.

All but three of the Wardens were laid off on September 1 and these three on September 12.

After the rain on August 28 I proceeded to give the different logging operators notice to burn their slashings. The Humbird Lumber company is the only one that has complied to any of these notices, to date.

The salary of Deputy Wardens this year was \$125 per month and \$1.50 per day for subsistence. The Warden in the Dover district was put on June 23. Four Wardens commenced their respective duties on June 28, and on July 4 there were Deputy Wardens on duty in all 12 patrol districts.

The telephone lines up Grouse Creek to the Grouse Mountain, Lookout up Lightning Creek to the Sandpoint Lumber & Pole Company's camp in section 16, township 58, range 1 E., and up Pack River were put in serviceable

condition and a new wall telephone installed in the old logging camps in section 24, township 59, range 1 E.; \$42 was expended for new equipment to put these lines in serviceable condition.

The trails up Caribou, Berry, Grouse, Lightning, Sand and Gold Creeks and the McComick Meadow and Baldy Mountain trails were cleared of windfall and made passable.

There were 62 fires altogether in the area covered by the P. T. P. A. administration this past fire season. Six of these come under the classification of Class A; 6, Class B; and 11, Class C. There were 20 cost fires in all. The fire of August 15, in sections 3 and 10, township 55, range 5 W.; total cost, \$1,804.72. This fire in yellow pine type did very little damage. Burned over 200 acres and necessitated the building of over two miles of fire line to bring it under control. Unlike most of the fires in yellow pine type in this district, there were no roads, trails, or natural topography which could be taken advantage of in helping to get the fires under control, it being for the most part on a steep ridge on the Priest River side of the divide between the Priest River and Spirit Lake country.

The fire in the Panhandle Lumber Company's holding in section 18, township 53, range 5 W., occurred on the 9th day of July and burned over 640 acres of old slashings. Total cost, \$8650.

The fire of August 3, in section 4, township 54, range 4W., in yellow pine type, burned over an area of 100 acres; did practically no damage. Total cost, \$446.

Total acres burned over in this district this year, 4520; of this acreage 4080 acres comes under the cost fires and 440 acres under the no cost fires.

The area burned over this year under the classification of slashings, cost fires, 715 acres; no cost fires, — Machantable, cost fires, 1260 acres; no cost fires, 20 acres. Old burns, cost fires 1755 acres; no cost fires, 320 acres. Brush land, cost fires, 350 acres; no cost fires, 100 acres.

The following is a high estimate of the damage done by fire in this Association territory during the past fire season:

Pend d'Oreille, Timber Protective Association

Humbird Lumber Co., 200 decked cedar poles.	\$13,000.00
Panhandle Lumber Co., 1800 cedar poles.....	12,000.00
Humbird Lbr. Co., merchantable timber, 335 M.	3,350.00
State of Idaho, 5831 M. B. M.....	17,595.00
Total.....	\$45,945.00

If possible we should have our fire organization so built up that no fire can start and not have three or more competent woodsmen on it within three hours. If we do this there is small danger of any large fires.

The Cooperative Lookouts on Grouse Mountain, Roman Nose, and Mt. Baldy gave excellent service and our fire organization could not get along very well without them. The services and cooperation of the Pend d'Oreille and Kaniksu National Forest organizations were a very great help and I can assure them on behalf of this Association that their services are greatly appreciated.

The Auto Patrol in the Priest River and Spirit Lake districts gave excellent service. There is no question but that auto patrol in any country that is traversed by a network of roads is more effective and serviceable than several horse-back or foot Patrolmen.

Recommendations for New Equipment and Improvements:

I would recommend the establishing of a Fire Lookout Station on Mt. Spokane; this in cooperation with the Washington State Fire Association of the Spokane district. This Lookout would have a very good surveillance of the southern part of this Association's territory, and most especially the Spirit Lake country. A line can be built down Spirit Creek and connected with phone line of logging camps, and general offices at Spirit Lake.

I believe the purchase of a one and one-half ton truck would prove a good investment in getting men and supplies more quickly to a fire.

We should have at least two Kimmel or Van Dyke camp cook stoves, and two standard 15-men cooking outfits, and two standard 50-men cooking outfits.

I believe that this district as all other districts should be covered by an extensive Fire Reconnaissance Control plan, and the data thus obtained put on a Control map, and Working, Organization and Mobilization plan.

And in this way keep building up the Organization as to the best methods of fire control in the district. Without some standard plan the different officials of the Association have their own ideas of supervision and organization which may be or may not be the best methods of procedure. If the Chief Fire Warden stays with his job for a number of years he should have a good working knowledge of his district, but if none of his ideas are built into a Control Map or Working Organization plan, his successor for the most part has to build up his own plans as to the work at hand.

A mile of new trail that is needed on the divide at the head of Caribou and Berry Creek should be built connecting the trails up these creeks, and during the dry season an Emergency Patrol stationed at this point, either in section 30 or 31, township 59, range 2 W. B. M. I have planned to have this work done next spring before the fire season begins.

J. R. WINNINGTON, *Chief Fire Warden.*

The Mountains and Forests are the ideal playgrounds
of the World.

God created magnificent forests;
Fools kindle destructive fires.

Running brook, cooling breeze,
Fire brand, ghostly trees.

Forest monarchs — stately — bold
Fool—fire—story told.

The Forest Department of Canada estimates that two-thirds of Canada's magnificent forests have been destroyed by fire the past 75 years. Canada still has 1,900,000 square miles of forests.

STATISTICAL DATA ON FIRES DURING YEAR 1920

Date		S.	T.	R.	Timbr	Repro.	Brn	Slash	Damage	Cost	Cause
7-1	Panhandle Lbr. Co.	17	53	4W	1	2	...	...	....	.....	Lumbering
7-1	Humbird lbr. co	1	58	1W	...	...	130	...	....	.....	Unknown
7-2		12	56	5W	...	2	...	...	....	.....	Lumbering
7-3	Humbird Lbr. Co	24	60	1W	1	....	...	...	....	.....	Ry Loco.
7-3		18	61	1E	...	10	...	...	....	.....	Ry Loco.
7-5		36	54	5W	...	½	...	...	....	.....	Brush Burning
7-7		28	54	3W	...	2	...	...	....	.....	Unknown
7-7		12	60	1W	...	3	...	...	....	.....	Unknown
7-7	Panhandle Lbr. Co	12	53	4W	...	2	...	...	....	.....	Unknown
7-8	Sommers L. Co.	18	57	2W	...	....	...	½	....	.....	Lumbering
7-9	Panhandle Lbr. Co.	18	53	5W	...	....	...	640	1800 Ce	\$ 86.50	Miscellaneous
7-10	Humbird Lbr. Co.	21	55	4W	...	....	...	¼	.. Poles	.....	Unknown
7-16	Dover Lbr. Co.	2	59	2W	½	....	...	...	....	.....	Unknown
7-16	Humbird Lbr. Co	14	59	1W	10	....	...	...	2000 Ce	978.93	Lumbering
7-17	State	36	54	5W	...	....	½	...	.. Poles	.....	Unknown
7-18	State	36	59	2W	...	18	...	...	....	.....	Lumbering
7-18	Humbird Lbr. Co	32	59	1E	½	....	...	...	....	.....	Lumbering
7-18	Humbird Lbr. Co.	32	59	1E	...	....	½	...	....	.....	Lumbering
7-19	McGoldrick Lbr. Co	14	54	4W	¼	....	...	...	....	.....	Lumbering
7-20	Humbird Lbr. Co.	17	58	1E	5	....	10	...	25Mft	692.74	Lightning
7-20	Menasha Ww Co.	14	59	2W	½	....	...	...	....	.....	Miscellaneous
7-23		1	56	4W	...	....	¼	...	....	.....	Unknown
7-23		36	52	5W	...	2	...	...	....	.....	Unknown
7-24	Sandpt L & P Co.	26	60	1W	...	....	...	1	....	.....	Unknown
7-25		3	57	2W	...	1-16	...	...	....	.....	Ry Loco.
7-26	Humbird Lbr. Co.	6	58	1E	...	....	200	...	....	448.42	Lumbering
7-26	Panhandle Lbr. Co.	6	53	4W	...	1	...	...	....	.....	Unknown
7-27		9-16	58	1W	...	10	50	...	....	.....	Brush Burning
7-27	Humbird Lbr. Co.	6	58	1E	...	½	...	...	....	.....	Lumbering
7-28		11	58	1W	...	40	50	...	....	.....	Unknown
7-28		30	56	4W	...	¼	...	...	....	.....	Ry Loco.

STATISTICAL DATA ON FIRES DURING YEAR 1920

Date		S.	T.	R.	Timbr	Repro.	Brn	Slash	Damage	Cost	Cause
7-29	Humbird Lbr. Co.	33	55	4W	1	....	...	...	....	.....	Unknown
7-30	Humbird Lbr. Co.	SE	32	61	1E	...	....	5	....	.....	Unknown
7-30			2	56	3W	...	1	...	....	.....	Unknown
7-31			29	56	4W	...	1/8	...	....	.....	Ry Loco.
8-1	State		6	55	4W	...	1/4	...	....	.....	Unknown
8-2			4	59	1W	...	2	...	....	.....	Ry Loco.
8-3			34	60	1W	...	2	...	....	.....	Ry Loco
8-3			4	54	4W	100	....	...	10Mft	446.00	Unknown
8-4	Panhandle Lbr. Co.		8	53	4W	...	1/2	...	....	.....	Lumbering
8-5			6	53	4W	...	1/8	...	....	.....	Miscellaneous
8-7			1-12	56	3W	...	200	...	....	194.76	Rancher
8-8			18	53	3W	5	....	...	....	1.00	Unknown
8-8				56	2W	...	1/2	...	....	.....	Unknown
8-8		SENE	3	57	3W	10	....	...	20Mft	21.70	Campers
8-15	Humbird Lbr. Co.		3-10	55	5W	200	....	...	50Mft	1,804.72	Campers
8-15	Panhandle Lbr. Co.		19	53	5W	...	...	5	....	.....	Unknown
8-16	Humbird Lbr. Co.		31	54	4W	1/4	....	...	....	.....	Lightning
8-20	Humbird Lbr. Co.		4	53	4W	...	...	40	....	23.00	Unknown
8-22	State		36	53	5W	...	...	60	....	127.50	Unknown
8-23	Humbird Lbr. Co.		17	55	4W	20	....	...	10Mft	60.00	Lightning
8-30			22	56	3W	...	20	....	....	.....	Unknown
9-19	Humbird Lbr. Co.	SWSW	19	58	1E	5	....	...	25Mft	376.01	Lightning
9-24	Humbird Lbr. Co.	SESE	3	58	1E	5	....	...	25Mft	148.85	Lightning
9-25	Humbird Lbr. Co.	NENE	19	59	2W	20	....	...	160Mft	45.00	Lightning
9-25	Humbird Lbr. Co.		20	59	1E	5	....	...	10Mft	409.95	Lightning
9-17			26	57	3W	...	...	40	....	.....	Unknown
9-17			35	57	3W	...	...	40	....	.....	Unknown
7-29	Soldier Creek		31	60	3W	800	1350	150	4600Mft	11,151.76	Lightning
8-10	Indian Creek		26	61	4W	...	...	...	....	46.86	Lightning
8-11	Fry Creek		7	61	3W	...	...	...	....	1.50	Lightning
8-17	Trapper Creek					235	....	...	1710Mft	5,878.75	Lightning

Pend d'Oreille Timber Protective Association

SUMMARY OF NO-COST FIRES AND CAUSES

Causes—	Lbring	Lightning	R. R	Br. Burning	Campers	Incendiary	Misc.	Unknown	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	0	7	3	3	1	10	35
1920.....	9	1	7	2	..	..	2	21	42

SUMMARY OF COST FIRES AND CAUSES

Causes—	Lbring	Lightning	R. R	Br. Burning	Campers	Incendiary	Misc.	Unknown	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.....	0	2	1	2	..	1	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

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 Administration	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 ½	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 ½	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 ½	23
1014.....	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 ¼	18
1916.....	10	46	4,808.00	2,238.00	453.00	563881	.02 ½	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 ½	25
1919.....	46	35	72,705.40	2,564.00	75,545.00	519274	.19 ½	25
1920.....	16	46	5,865.76	3,592.81	18,256.76	509403	.09 ½	20

	Fires	Incend.	Campers	Set'ls	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 Mil.	57,024.00
1911....	120	6	9	9	46	7	10	9	24	1767	35 M.	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 M.	17,003.00
1915....	126	26	10	24	10	6	15	5	30	7000	719 M.	12,100.00
1916....	56	2	14	7	2	10	8	2	11	208	265 M.	10,307.00
1917....	157	19	8	58	13	7	6	..	46	18678	1,800 M.	36,652.00
1918....	99	8	7	12	7	31	2	....	32	11629	5,839 M.	2,950.00
1919....	81	12	6	10	..	23	4	1	25	55416	37,000 M.	98,824.00
1920....	62	..	2	3	7	11	11	3	25	4535	5,830 M.	37,091.76

Pend
d'Oreille
Timber
Protective
Association

RAINFALL BY MONTHS DURING FIRE SEASON

	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Ave.
May.....	2.18	1.70	2.31	4.36	2.13	2.18	1.48	3.70	1.50	1.64	1.37	2.52	2.22	2.25
June.....	1.63	.86	.68	.83	2.51	2.85	1.39	1.26	2.98	1.70	.69	.44	1.32	1.47
July.....	.37	2.10	.43	.18	1.99	1.51	1.47	1.80	1.57	.01	1.35	.....	.67	1.03
August.....	.79	.09	.27	1.20	3.12	.82	.58	.25	1.81	.....	3.01	.94	1.07	1.07
Sept.....	.49	1.48	1.98	2.22	1.31	1.15	1.58	1.69	1.85	.44	.49	1.29	3.49	1.49
Total.....	5.46	6.23	5.67	8.79	11.06	8.51	6.50	8.75	9.71	3.79	6.91	5.19	8.77	7.19

COMPARATIVE AREA OF FIRES BY YEARS

	Fires Under 10 A's.	10 A's or More.
1908.....	127—94 per cent.	8—6 per cent.
1909.....	130—75 per cent.	43—25 per cent.
1910.....	85—58 per cent.	61—42 per cent.
1911.....	108—90 per cent.	12—10 per cent.
1912.....	8—64 per cent.	3—38 per cent.
1913.....	46—88 per cent.	6—12 per cent.
1914.....	178—82 per cent.	37—18 per cent.
1915.....	86—68 per cent.	40—32 per cent.
1916.....	48—85 per cent.	8—15 per cent.
1917.....	112—71 per cent.	45—29 per cent.
1918.....	56—56 per cent.	43—44 per cent.
1919.....	40—50 per cent.	41—50 per cent.
1920.....	41—66 per cent.	21—34 per cent.
Total.....	1062—76 per cent.	364—24 per cent.

Forest protection has been, is now, and always will be the Keystone of forest conservation.

The results of forest fires touch the life of every individual in the Commonwealth. It is the duty, therefore, of every individual to do his share in the suppression and prevention.

Forest fires are not inevitable, unpreventable, or accidental occurrences. They result from negligence or maliciousness.

Fires strike at the root of the forest and destroy the factors which make it most valuable to man.

STATEMENT OF ACCOUNT

As Reported Dec. 1, 1920, by G. C. Vaughn, State Examiner

STATE OF IDAHO
TO
PEND D'OREILLE TIMBER PROTECTIVE ASSOCIATION

Dr.

Note given Old Nat'l. Bank of Spokane dated May 1, 1920, to cover balance due on 1919 account and interest.....	\$24,288.02	
Interest to November 1, 1920, at 6½ per cent.....	789.36	
Revenue Stamps	4.84	
Renewal note, dated November 1, 1920.....	25,082.22	
Renewal note, dated November 1, 1920.....	25,082.22	
Interest to March 1, 1921 at 7 per cent.....	585.24	
Revenue Stamps	5.02	
		\$25,672.48
Note dated July 1, 1920, to cover assess- ment No. 1	4,429.70	
Interest to March 1, 1921, at 7 per cent.....	206.64	
Revenue Stamps .....	.90	
		4,637.24
Note dated September 1, 1920, to cover Assessment No. 2	6,644.55	
Interest to March 1, 1921, at 7 per cent.....	232.58	
Revenue Stamps	1.34	
		6,879.47
Note dated October 1, 1920, to cover assess- ment No. 3	2,214.85	
Interest to March 1, 1921, at 7 per cent.....	64.60	
Revenue Stamps .....	.44	
		2,279.89
Assessment No. 4, dated October 2, 1920; no note to cover this amount.....	5,537.13	
Interest to March 1, 1921, at 7 per cent.....	159.35	
Revenue Stamps	1.12	
		5,697.60
Assessment No. 5, dated December 6, 1920; no note to cover this amount.....	1,661.14	
Interest to March 1, 1921, at 7 per cent.....	27.13	
Revenue Stamps .....	.34	
		1,688.61
Due Association from State of Idaho, March 1, 1921, for which a Deficiency Appropria- tion is asked of the 16th Legislature.....		46,855.29

(The Bank raised the rate of interest from 6½ to 7 per cent about the 1st of June which accounts for the interest on one note being figured 6½ per cent and the balance at 7 per cent)