

The vacancy in the Chief Forester's office created by the death of Mr. Caverhill on December 8th last was filled on January 1st and the attendant train of promotions and moves has now been completed. All this is common knowledge and the various men involved doubtless consider themselves properly installed in their new offices. We feel, however, that to make the transactions complete the News Letter should give its final stamp of approval and we accordingly report:

- E. C. Manning - Chief Forester.
(ex-Assistant Chief Forester.)
- C. D. Orchard - Assistant Chief Forester.
(ex-Forester, Operation.)
- G. P. Melrose - Forester, Operation and Grazing.
(ex-District Forester, Kamloops.)
- C. J. Haddon - District Forester, Kamloops.
(ex-Assistant Forester of Operation.)
- D. B. Taylor - Assistant Forester, Operation.
(ex-Supervisor, Campbell River.)
- J. B. Conway - Supervisor, Campbell River.
(ex-Supervisor, Nanaimo.)
- R. Murray - Acting Supervisor, Nanaimo.
(ex-Ranger, Victoria.)

Other staff moves have been completed during the past month which developed independent of the foregoing.

G. F. Frost (Ranger), Southbank (Francois Lake), left the service of the Branch on February 15th. The vacancy created there is filled by Alex Chisholm.

L. B. Webster (Ranger) Ocean Falls, has been transferred to the District Forester's office in Vancouver. C. L. Gibson has taken over his duties as Ranger at Ocean Falls.

Wishing to make an unbiased report on these promotions and moves we have sought diligently, but without success, for someone who would tell us wherein they are all haywire. Apparently they are merited by record of service and apparently we will have to join with the rest of the Branch in congratulations and good wishes. Especially we are pleased to welcome Chisholm and Gibson back to the permanent staff. These two were relieved of their duties as Rangers, in company with many others, three years ago, on the grounds of necessary economies being effected. So far as we are able to learn the choice fell on them because they were unfortunate enough to be single. If perchance they starved it would be two men instead of two families. Both have worked for the Branch intermittently in the intervening period and we are glad to see them back now in their former capacities.

We have a drawing we like from Waller (Port Hardy), a cartoon from Martin (Smithers) and a couple of photographs of McParlon's (Grand Forks) dish-washing tubs--none of which will reproduce. McParlon's tubs will each take a 25-man kit complete. We think he must have raided the old smelter. Also a report on a two-headed owl from Nelson. This is about the sum of contributions since our last letter.

Thanks to the unusually favourable fire season last year, we are able to

renew stocks of tools and equipment on a fairly generous scale, and purchases are now being made. Some will have been delivered before this letter is received. In addition to the usual items of axes, saws, shovels, etc., Operation Office is investigating the possibility of substituting Kapok sleeping bags, recently adopted by the U. S. Forest Service, for the order of blankets requested. They are also trying to locate really good sun-goggles for look-outs.

A few three-foot saws were put in the orders for trial in each district. These dinky cross-cuts have always been available and we think in their limited field they may have a valuable place in our equipment stocks. They should be much more suitable for carrying around in a car, for most trail work in interior stands, and for a lot of fire-line work, than the longer, more expensive variety. We shall be interested to hear comments on them later in the year.

Speaking of favourable fire seasons, an effort has been made in Victoria to reduce the measure of fire hazard or risk of past seasons to single index figures. The method finally evolved is susceptible of much criticism, but a review of the statistical records seems to confirm the results. From your own experience and judgment how do you think they stack up? These figures are supposed to measure the hazard of each year against an index of 100 which is the average for the 10-year period 1924-1933. The figures are derived from fire-occurrence records independent of area burned, costs, damage, or other results. They are all directly comparable. If they are correct, the Prince George Forest District has about 3% of our total protection problem, Kamloops 25%; 1933 was just half as bad a season as 1927, and so on.

These figures are at best approximations and decimals have been rounded off to the nearest unit or ten; consequently the columns do not all add up correctly. It is not a case of our failure in arithmetic.

Fire Hazard Indices

District	Average 1924- 1933	'24	'25	'26	'27	'28	'29	'30	'31	'32	'33	'34	'35
Van-couver	14	15	30	11	19	11	16	13	19	2	4	8	10
Prince Rupert	2	2	3	1	1	2	2	.3	2	1	1	2	1
Prince George	3	6	4	3	2	3	1	6	2	2	2	1	1
Kamloops	25	10	57	24	6	8	14	12	99	8	12	18	3
Nelson	56	24	127	68	32	8	160	52	76	10	7	32	5
Prov-ince	100	60	220	110	60	30	190	90	200	20	30	60	20

Following our remarks on photography we were interested in the following, copies from the "California Ranger", which in itself is a follow-up of some previous discussion we had failed to note. Apparently we are not the only ones who fall down in this photography business. Following our offer with regard to the reading course, we have one favourable letter from the Prince George District. We'll have to have a lot more enthusiasm than that before we will forego our evening snooze in front of the fire to work on a course of lessons.

Extract from "California Ranger",
Volume VII, Number 8.

San Francisco, Calif.
January 17, 1936.

MORE ON PICTURE TAKING

Since my item on photographs was printed in the Dec. 6 California Ranger, Paul Fair in a comment said, "Barrett, you are too charitable when you say only 75% of the pictures sent in are 'bum'. Take another look."

So I went through some 2500 or 3000 more and found Paul was right. Fully 1 of 3 of this lot was so out of focus as to be useless. Not to exceed 5 in 100 would be worth anything in a report and only about 1 in 100 would reproduce well in a newspaper or magazine. One example--there were fully 300 pictures in the bunch illustrating road or trail-building machinery, but not one we could hand out for reproduction purposes. A 100% loss. Now there is daily demand for pictures for reproduction or to illustrate reports. More and more it is becoming necessary for the average forest officer to do a fair job with a camera. Such being the case we should either give some instructions on the taking of pictures or call in about two-thirds of the official cameras now scattered around the region and hire a photographer.

Last spring we purchased a movie picture outfit for use in connection with public education along protection lines. The machine has been used in the Prince Rupert, Prince George and Kamloops Districts. To the end of December forest officers had shown the pictures and talked to 139 meetings attended by about 10,000 people. The outfit will eventually work around to all Districts and if possible a second outfit will be provided next year.

We are not going to get any very spectacular results in protection until we have the sympathetic co-operation of the general public; and we are not going to get that until we ask for it. These movies have been enthusiastically received, especially in the more isolated country. A short talk with the pictures probably makes more impression than a long talk without them; and the pictures bring out the whole settlement.

Our friend Hazel Hoe is running true to form these days. One of her latest below:

"Dear Hazel: The rules of forest practice state 'clear-cutting in a selective logging operation shall be categorically prohibited.' What is the meaning of 'category'?"

"C-a-t, there's your cat. e, there's your 'e cat. Gory means bloody. Hence "bloody tom cat." Ask me something easy."

It appears that the "ABC of Driving" is only one of a number of booklets published by General Motors. In due course we received the rest of the series--Buyers' Guide, Chemistry and Wheels, Research--an Eye to the Future, When the Wheels Revolve, and Transportation Progress. There is much of interest in these and many mechanical features common to all cars are explained in simple language and drawings. They can all be had, we understand, on application to local dealers.

The following extract from "The Timberman", of September, 1930, seems to be worth repeating. Some of your tie-contracting friends will enjoy it.

March 7, 1894.

Dear Sir: I feel it is my duty to write you for such a specification for cross ties, as I don't think you are as bright as you might be. You must think people are fools. Where would you find any timber that is clear of

nots or worme holes and checks that is going to be worked into ties for 28¢ a piece. Our Union won't and that settles this part of the country. You didn't say in your specification whether we should haul them in a spring wagon or not, and you didn't say whether we should have a full sized fotograf or a tin type. Please state in your next specification tell us what color you want them painted and what kind of trimmings you want on them stuck, now how much rent do we have to pay per month. Do you want the corners of them ties chamfered and gilded or not? You never said whether they should be made on a cloudy day or not. I suppose they would have to be made on a bright sunny day, and if they get any dirt on them would ivory soap be fit to wash them or if not please state in your next. Maybe it would be a good plan to have a shead put over them ties.

We are all pretty well hoping this will find you the same.

Yours truly,

(Signed) FARMERS AND TIE MAKERS UNION,
Waynesbury, Lincoln Co., Ky.

A few years ago some of the Junior Foresters at Victoria conceived the idea of a Forestry Discussion Club. The Club was organized and has been holding regular meetings through the winter months ever since. The venture has proved so successful that practically every forest officer at Victoria has been glad to identify himself with it. Recently an effort has been made to add a social hour after regular meetings with some light refreshments. This latest innovation might have proved a success too, were it not for the fact that two or three of the members insist on limburger cheese.

There is a movement afoot at the present time to have the club absorbed by the Canadian Society of Forest Engineers as a new Victoria or Island section of the Society.

The officers at the present time are G.S. Andrews, President, M. V. Gormley, Vice-President, and Lorne Swannell, Secretary-Treasurer. E. B. Prowd is Honorary President.

Personal items are scarce. Our Society Editor has been falling down on his job. What we lack in quantity though we make up in quality.

Mr. and Mrs. E. W. (Ed.) Bassett (Vancouver), are the proud parents of a 7-lb. baby girl born on January 27th. No name given in the report received. We have some dandies suggested for the News Letter we'll let Ed. choose from if he would like to.

F. A. MacDonald (Vancouver) is absent from duty on sick leave. J. G. MacDonald (Kamloops) is moving temporarily to Vancouver to act in the capacity of Fire Inspector.

Publications Received in the Forest Branch Library

December 4, 1935 to February 6, 1936.

- .05 B. C. Lumberman - December, 1935.
- .951 The B. C. lumber industry and the U.S. Trade Agreement - P.9.
.02 Forest Magicians - E. C. Manning - P. 11.
U.S. 1934 lumber cut - P. 12.
.473 What B. C. has accomplished in trade-promotion work for lumber -
J. H. McDonald - P. 29.
- .05 The Forestry Chronicle, December, 1935.
- .05 Monthly Publications - U.S. Dept. of Agriculture - Oct. 1935.
- .447 Cascara - T. J. Starker & A. R. Wilcox - American Journal of Pharmacy
- Feb. & March, 1931.
- .05 Scottish Forestry Journal - Oct. 1935.
- .943 Fifteen years of State forestry in Scotland - G.I. Campbell - P.10.
.9 Economic aspects of forestry - W. R. Smith - P. 129.
.253 Early planting activities in the British Isles - A.C. Forbes
- P. 136.
- .05 Soil Science - Dec. 1935.
- .05 Canada Lumber - Dec. 15, 1935.
- Correlation of Silviculture and Forest Research
Outlined at Ottawa Conference - T. A. McElhanney - P. 21.
- .05 News Bulletin - Canadian Society of Forest Engineers - Dec. 1935.
- .05 The Timberman - Dec. 1935.
- Our New Treaty with Canada - Editorial - P. 9.
.31 Deterioration of Fire-killed Douglas Fir - P. 13.
.7111 Problems of the Log Scaler - R. W. McIntyre - P. 21.
Logging One Billion Feet in 10 Years - C. O. Marston - P. 27.
Passing of P. Z. Caverhill - P. 66.
- .05 The Forest Log - Dec. 1935.
- Forest Problems Discussed at Meeting of Western Forestry
and Conservation Association - P. 3.
- .05 The Forestry News Digest - Jan. 1936.
- .05 Forest Research Activities - Oct. 1935.
- .513 Strength and Related Properties of Woods Grown in the United States
- Marshwordt & Wilson - U.S. Technical Bulletin No. 479 - 1935.
- .05 Nature Magazine - Jan. 1936.
- .05 Forest and Outdoors - Dec. 1935.
- .05 Monthly Weather Review - Sept. 1935.
- .05 Pulp & Paper of Canada - Dec. 1935.
- .05 The Geographical Review - Jan. 1936.
- .05 The Geographical Review Index for 1935.
- .05 Monthly List of Publications - U. S. Dept. of Agriculture - Nov. 1935.
- .05 Canada Lumberman - Jan. 1, 1936.

- .05 American Forests - Jan. 1936.
- .47 Statistics of Industry in British Columbia - 1871 to 1934 - Research Dept., Economic Council of B. C.
- .4264 The Utilization of Sawmill Waste and Sawdust for Fuel - J.H. Jenkins & F.W. Guernsey - Vancouver Laboratory - 1934.
- .05 B.C. Lumberman - Jan. 1936.
- The Late Chief Forester - Editorial - P. 10 and Article - P. 16.
- The New Chief Forester - P. 11.
- Low Losses in 1935 Fire Season - P. 11.
- .061 Proceedings of the Conference on Forestry Research - National Research Council - Ottawa, Nov. 26 & 27, 1935.
- .05 Journal of Forestry - Jan. 1936.
- .05 Canada Lumberman - Jan. 15, 1936.
- The Oldest Lumber Business in Canada - P. 16.
- .2 Timber Growing and Logging Practice in the Southwest and in the Black Hills Region - G.A. Pearson & R.E. Marsh - U.S. Dept. of Agr. - Technical Bulletin No. 480, 1935.
- .05 Quarterly Journal of Forestry - Jan. 1936.
- .1411 Climate and Tree Distribution - Ed. - P. 2.
- .2539 Tree Planting Since the Roman Occupation and its influence on British Landscape - A.C. Forbes - P. 6.
- Report of the Provincial Game Commission for the Year Ended Dec.31, 1934.
- .05 Soil Science - Jan. 1936.
- .05 Nature Magazine - Feb. 1936.
- .05 The Timberman - Jan. 1936.
- European Markets - Trade Promotional Activities by American Shippers Needed - A.H. Oxholm - P. 11.
- .7111 Problems of the Log Scaler - R.W. McIntyre - P. 16.
- Bark Beetles Active Following Tilamook Fire - R.L. Furniss.
- .464 Marginal Utility of Lumber and Lumber Substitutes - J.P. Barry - P. 24.
- .03 English Synonyms, Antonyms and Prepositions - J.C. Fernald - Funk & Wagnall's, New York & London.
- .05 Ecology - Jan. 1936.
- .144 Artificial Light and Plant Growth - J.M. Arthur - A. Reprint from Agricultural Engineering.
- .2 Applied Silviculture in the United States - R.H. Westveld - Edwards Bros. Inc., Ann Arbor, Mich.
- .05 Monthly Weather Review - Oct. 1935.
- .05 U.S. Dept. of Agr. Monthly List of Publications, Dec. 1935.
- .05 Empire Forestry Journal - Vol. 14, No. 2, 1935.
- .0 Photography for the Forest Officer - G.H. Donald - P. 209.

- .41 Mountain Logging in the Lolab, Kashmir Valley - C. Bakewell, P.228.
- .163 State Forests of the Empire - Australia - (Continued) - H.R. Gray
- P. 235.
- .05 News Bulletin - Canadian Society of Forest Engineers - Jan. 1936.
Progress in Rural Land Classification in the U.S.
- .061 The St. Maurice Forest Protective Assn. Ltd., Annual Report, 1935.
- .7216 Stumpage & Log Prices for the Calendar Year 1934 - H. B. Steer -
U.S. Dept. of Agr. - Statistical Bulletin No. 51, 1935.
- .05 The Forestry Chronicle - Feb. 1936.