HIGHLIGHTS OF THE 1959 ANNUAL MEETING

*By J. H. G. Smith***Annual Meeting of Directors**

The Board of Directors met three times for a total of 10 hours under the chairmanship of **Dr. G. W. I. Creighton**. In addition to delegates from most sections, Vice-president **Lowell Besley**, Editor **Kingsley Harris**, and Secretary-Manager **Jim Dosne** were present.

The Chairman of the Annual Meeting Committee, **Larry de Grace**, was introduced to the Board of Directors and thanked for his good work on behalf of the Institute.

1. President's Report

Dr. Creighton reported briefly on the work of the Institute during the past year stressing the large volume of good work accomplished by Jim Dosne and his regret at having to accept the resignation of Kingsley Harris as Editor of *The Forestry Chronicle*.

2. Secretary-Manager's Report

(a) Financial Statement 1958-1959. Because so much necessary work had been left undone during past years, the number of copies of *The Forestry Chronicle* had increased, and because of the expansion of services through the office of the Secretary-Manager, the Institute reduced its surplus by \$5,000 to \$18,000. Revenue increased to a record \$25,000 but expenditures were \$30,000. Special expenses resulted from the membership campaign, from printing of the by-laws and directory of members, and from services provided by the Secretary-Manager related to the Annual Meeting at Fredericton.

(b) Budget 1959. It is expected that increased membership will raise income to \$28,000 and that expenditures will balance income in 1959. Additional expenditures may become necessary during the year if a special committee recommends in favor of a new office, new office equipment, or transfer of the head office to Montreal.

(c) Advertising. The Secretary-Manager is optimistic on the question of advertising and hopes that revenue will be increased by \$1,300 to a total of \$3,000 from that source.

(d) Membership. The membership campaign brought in 213 new members to make a total of 1932 members at the end of September, 1959. British Columbia and, particularly, the Vancouver Section have a poor record in this regard. Not counting the Hungarians from Sopron, the Vancouver Section has little more than half of its potential number of members. The other major block of potential members is that from Laval School of Forestry. Less than 10 per cent of Laval graduates belong to the C.I.F.

(e) Medals and Awards. The Schlich Memorial Fund Award went this year to C. H. Winget of the University of New Brunswick. The winners of the Gold Medals, from the four Canadian Schools will be reported in the December issue of *The Forestry Chronicle*.

(f) Section Activities. Public education in forestry has been the main interest of most Sections during the past year. The Cariboo Section made a significant technical contribution in the form of its Forest Practices Code.

1959-60 BOARD OF DIRECTORS

Photos—W. D. West

BACK ROW: J. G. Gilmour (Saskatchewan), R. Haig (Manitoba), Dr. D. Redmond (Ottawa Valley), H. Heaney (Maritime), M. B. Clark (Okanagan), R. Bulmer (Nova Scotia), J. H. G. Smith (Vancouver), C. R. Groves (Algonquin).

CENTRE ROW: R. Lejeune (Vancouver Island), H. Anderson (Cariboo), J. D. Clark, (Rocky Mountain), D. H. Burton (Southern Ontario).

FRONT ROW: Kingsley Harris (Editor, *The Forestry Chronicle*), L. Besley (Vice-Pres.), H. J. Hodgins (President), Dr. G. W. I. Creighton (Past President), J. Dosne (Sec. Manager).

The newly formed Executive Committee of the C.I.F. holds its first meeting with Secretary-Manager. Left to right are President Hugh Hodgins; Secretary-Manager Jim Dosne; Vice-President Lowell Besley; and Past President Wilf Creighton.

Photo—W. D. West

Excellent displays provided a suitable backdrop to well-attended Annual Meeting technical sessions.

L. A. (Larry) De Grace and his committee received high praise.

T. P. (Tim) Decie, Program Chairman, offered well rounded program.

Photos—Courtesy B.C.F.S.

Vice-President Lowell Besley, Editor-elect Harry Smith and Editor Kingsley Harris. Discussing next year's budget?

(g) Committees. Reports of the Standing Technical Committees will appear as usual in the March Supplement of *The Forestry Chronicle*. Jim Dosne commended the following 13 National Committees for their special interest in C.I.F. affairs: By-laws, Forest Management, Salary Survey, Forestry Correspondence Course, Employment, Accredited Universities, Forestry Education, Forest Economics, Forest Entomology and Pathology, Reforestation, Annual Meeting, Fifth World Forestry Congress, and Finance.

3. Editor's Report

Kingsley Harris reporting on *The Forestry Chronicle* pointed out that he had maintained a small surplus for the year using the approved base figure of \$7,500 and the allowance of one dollar per copy of increased circulation. He also made several excellent recommendations for consideration by the Board of Directors. These were included in a questionnaire to be sent to all members to re-establish the policy of the *Chronicle*. He suggested that a Technical Editorial Board be developed, that Section representatives on the *Chronicle* be called Section News Representatives, and that the quality of technical papers presented at annual meetings might be improved by appointment of a National Committee concerned with the Technical Program at Annual Meetings.

4. Committee Reports

The Forestry Correspondence Course developed by D.V.A. was discussed again. It was agreed that the Committee should continue to work for development of a general course in Forestry sponsored by a suitable national agency.

The Forest Management Committee report by **George Morrison** was reviewed with great interest. The topic, Access Road Needs, was referred to individual sections for study and report in 1959-60.

5. New Business

(a) Appointment of Editor. A National Committee chaired by **Ken Fensom** with Messrs. **Love** and **Balch** as members recommended my appointment as successor to **Kingsley Harris**.

(b) Fifth World Forestry Congress (Seattle 1960). A National Committee of the C.I.F. has been set up with a British Columbia Sub-Committee under **Gerry McKee** in charge of B.C. arrangements.

(c) C.I.F. Ring For Graduates. The Vancouver Section motion of March, 1959, was examined carefully. Universities and Sections other than British Columbia opposed our resolution on the grounds that it would not necessarily increase membership, would cost too much, and would conflict with the Forester's ring at U.N.B. and the University ring at Toronto. In rejecting the proposal that the C.I.F. sponsor the ring ceremony nationally, the Board of Directors requested that each Section consider means of attracting students and graduates to the Institute and report back at the next meeting of the Board of Directors.

(d) Student Dues. After much discussion, it was agreed that the present dues of \$4 per annum be charged graduate or undergraduate student members of the C.I.F.

(e) Group Sections. The development of sub-sections in Quebec was approved and noted with much interest. Similar grouping along Provincial lines seems desirable in other Provinces.

(f) Honorary Membership. **Mr. R. L. Campbell**, Chairman of the By-laws Committee, and distinguished Canadian Forester, was nominated for Honorary Membership.

(g) Executive Committee. The Vice-president, the President, and one member to be elected annually (Past President Creighton in 1959) were appointed as an executive committee on Policy and Finance. They were to work with the Secretary-Manager in managing the affairs of the Institute between Annual Meetings of the Board of Directors.

(h) Group Life Insurance. The several plans secured by **Jim Dosne** were referred to a Committee chaired by **Lowell Besley** for acceptance of one plan and implementation within a month, if possible.

(i) No By-law amendments were proposed.

(j) Auditors were re-appointed.

6. Future Annual Meetings

1960 (Quebec Section). A joint meeting will be held with Laval and the Corporation of Forest Engineers of the Province of Quebec in the Chateau Frontenac on Oct. 24-27. The theme will be forestry education at all levels. The Board of Directors Meeting will begin on Sunday October 23 at 9 a.m. 1961 (Northwest Ontario Sections and S.A.F.) Minneapolis. 1962 (Vancouver Section). 1963 (Newfoundland, or Nova Scotia, or Central Ontario).

As a matter of policy, it was agreed that starting with 1962 a National Annual Meeting Committee would be appointed for each meeting. Chairmen had already been appointed for 1960 and 1961.

7. Annual General Business Meeting

Wednesday evening with **Hugh Hodgins** in the chair, the report of the Director's meeting was ratified. **Kingsley Harris** was commended for his long and excellent service as Editor of *The Forestry Chronicle*. The report of the Forest Management Committee was read in part. Considerable interest was shown in the report on salaries. A very high proportion of returns was made. Income averaged \$8,000 in Canada with a median income of \$6,800. British Columbia incomes showed the greatest percentage increase last year ending close to the National average.

8. Convention Arrangements

The Cariboo Section has set a standard for excellence that will be hard to meet. By taking the sessions into the field for two days and relating subsequent technical discussions to the field trips, they provided a fine example of how to stimulate informative yet entertaining discussion.

With the exception of a snow storm on Thursday which prevented the **Hon. Raymond O'Hurley**, Minister of Defence Production, from landing to give his address, everything came off as planned.

Papers read by each speaker were mimeographed and distributed as soon as each session ended. Mimeographed copies of all papers can be purchased

from the Cariboo Section, and some of them will be published in *The Forestry Chronicle*. Mimeographed papers can be purchased for five dollars a set by writing to **Tim Decie** c/o The B.C. Forest Service at Prince George.

9. Registration

Considering the location of the meeting and the small size of the host Section, attendance was good. About 200 registered; 30 were from the Vancouver Section.

10. Field Tours

Extra field trips were held before and after the regular session to Planer Row, Eagle Lake Sawmills, the Aleza Lake Experiment Station, and the Willow River Development Road.

Two days of the regular meeting time were used to assess spruce cutting practices, local sawmills, damage caused by the "Fir" and "Straw" fires of 1958, and techniques of aerial fire suppression and supply. Snow brought interest to a low point on Wednesday morning, but most of us were revived by an excellent moose stew provided by Finning Tractor and Equipment Co. at noon.

11. Technical Meetings

Thursday and Friday were occupied by lively technical meetings of good quality. Dr. C. D. Orchard's paper "Preposterous Prognosis" was read by **Mike Gregg** because Dick was temporarily hospitalized. **Dr. Orchard** made a strong case for forest regulation and development of efficient manufacturing units. The Fire Control Panel under **Gerry McKee** stressed the need for pre-organization and integration of industrial and governmental agencies for fire control. **Burt Gayle** described the evolution and successful development of our local informal committee on fire control. **Denny MacDonald** and **Maurice Isenor** summarized lessons learned during the 1958 fire season and their data on fire-control planning.

The luncheon on Thursday was hosted by the B.C. Government. The **Hon. R. G. Williston** painted a glowing picture of the future of the Prince George Region. The cut of lumber will reach one billion f.b.m. this year in the Prince George District and at the current rate of development, volumes harvested in the Interior will soon exceed those cut on the Coast.

In the afternoon the utilization panel under **Clark McBride** summarized present uses of spruce. **Dr. Bob Wellwood** and **Ken Fensom** presented exhaustive and penetrating reports. These were followed by **Ced Telford's** panel which looked into the future of spruce. **Chris Joergensen** told us that we should do first things first by concentrating on our most accessible land and our best sites to grow the largest possible volume of cellulose per acre in the shortest time. **Vic Heath** sparked discussion by suggesting that foresters in the Prince George Region might clear cut spruce and grow lodgepole pine.

Thursday evening, following the C.I.F. banquet, the **Hon. Ray Williston** took us on a fascinating color-slide tour of "Wenner Gren" land.

Friday morning **Bill Young** chaired a panel which summarized cutting practices in spruce. **Ralph Johnson** of the Bowaters Mersey Paper Company

avored partial cutting while **Jim Clark** of North Western Pulp and Power Ltd. recognized advantages in clear-cutting systems. This was followed by a technical discussion of reforestation problems in spruce which tried hard to avoid the policy and political aspects of the subject. Under the chairmanship of **Dr. J. Farrar** of the University of Toronto, **Ed Bonner** told of the Spruce Falls Power and Paper Co. Ltd. in planting of spruce in Ontario. **George Silburn** presented factual data on reforestation problems in the vicinity of Prince George. As of 1957, 400,000 acres of spruce lands were not satisfactorily restocked and needed rehabilitation by planting, seeding, or scarification.

At noon on Friday, **Norm Dusting** chaired a luncheon provided by the Forest Industries of B.C. At that time, **Tom Wright** gave further evidence of his dedication to forestry and the forward kind of thinking which are so typical of him: Dedication, in that because snow cancelled his flight he and his wife drove all Thursday night to reach Prince George and forward thinking, in that his vision of the future saw improved methods of transportation removing many of the disadvantages of highly local methods of forest regulation, and the spruce forests of Canada rivalling the southern pine region of the United States in growth and harvest.

Friday afternoon, management for the future was discussed under the chairmanship of **E. S. Fellows**. **Mr. Switzer** of the Kimberly Clark Pulp and Paper Co. of Ontario provided strong and positive arguments favoring future management for spruce. **Alan Moss** of S. M. Simpson Ltd. traced the evolution of cutting methods in Interior B.C. spruce forests, stressing the need to consider biological as well as economic problems, and providing convincing evidence of the need to face, and solve, local problems locally.

The sessions were ably summarized by **Mr. E. S. Fellows**.

12. Resolutions

Norm Dusting as chairman of the resolutions committee won approval for two excellent resolutions. The first offered well earned thanks and congratulations to our hosts, the Cariboo Section. The second urged that all Sections meet with appropriate authorities to discuss and formulate ways and means of restocking cut-over lands.

13. Social Sessions

As you well know, much of the value of a National Meeting exists in the informal exchange of views among foresters from all of Canada. Both officially and unofficially, the Cariboo Section was an excellent host. The members took delegates and wives of delegates into their homes and through their city with all the pride and vitality that typify a bustling community in the center of a vast new forest region.

SECOND-GENERATION FORESTERS

Like chips off the old block, the sons of five prominent Ontario professional foresters are following their fathers' footsteps by studying forestry at the University of Toronto's Faculty of Forestry.

They are: **J. D. Brodie**, son of **J. A. Brodie**, chief of the Timber Division, Dept. of Lands & Forests, Toronto; **J. F. K. McNutt**, son of **J. W. McNutt**,

president of Wm. Milne & Sons Ltd., Temagami; D. R. Wright, son of C. C. Wright, superintendent of industrial relations, woodlands, Spruce Falls Power & Paper Co. Ltd., Kapuskasing; W. D. Addison, son of Peter Addison, Richmond Hill, regional forester, Southern Region, Dept. of Lands & Forests, and E. H. Start, son of W. D. Start, manager of forest research inventories and planning, the Ontario-Minnesota Pulp & Paper Co., Kenora.

Dean J. W. B. Sisam of the Faculty of Forestry, reports that in addition some 12 second-generation foresters have graduated from the faculty within the last few years.

TECHNICAL NOTE

CORRECTION FACTORS FOR HEIGHTS OF IMMATURE TREES MEASURED ON AERIAL PHOTOGRAPHS¹

By Earle Hindley²

Height measurement of immature timber on aerial photographs has not been as carefully studied as that of mature stands. On good quality photographs, mature timber heights usually can be measured to an accuracy of ± 5 to 10 feet. Our investigations indicate that heights of immature stands cannot be measured with such constant accuracy; a variable correction factor is required.

The following corrections, to be added to photo-measured height, are derived from a comparison of average stand heights measured on ground plots and photo-measured heights at the same points.

CORRECTION FACTORS

Photo-Measured Height (Feet)	Correction Factor In Feet (+)
20	13
30	11
40	9
50	7
60	5
70	3
80	2
90	1
100	0

SE_E of correlation curve ± 6.1 feet.

Basis: 35 sample plots.

Large correction factors are required for short trees because the film is unable to record the tall, thin, spire-like crowns of very young Douglas fir and

¹ Mr. Hindley is currently employed as a party chief by Forestal Ltd., Vancouver, B.C. He has won a Netherlands Government Scholarship for study in 1960 at the International Training Center in Photogrammetry, Delft, Holland.

² A contribution of Photogrammetry News, one of a series secured by Mr. J. R. Collins, Forestal Ltd., Vancouver, B.C.