

# Quebec, Province of Quebec, 1951

# **Canadian Beekeepers' Council**

**P. KOWALSKI**

President

**W. H. TURNBULL**

Vice-President

**R. M. PUGH**

Secretary-Treasurer  
Tisdale, Saskatchewan

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## **MARITIME BEEKEEPERS' ASSOCIATION**

**PHILLIP BISHOP**  
Sackville, N.B.

## **ASSOCIATION DES APICULTEURS DE LA PROVINCE DE QUEBEC**

**S. M. DESCHENES**  
152 Notre Dame E, Montreal, P. Q.

## **LES PRODUCEURS DE MIEL DU QUEBEC**

**O. PARADIS**  
St. Simon, Quebec

## **ONTARIO BEEKEEPERS' ASSOCIATION**

**J. N. DYMENT**  
Smithville, Ontario

## **ONTARIO HONEY PRODUCERS CO-OPERATIVE LTD.**

**H. C. ALLAN**  
86 Ardagh Street, Toronto, Ontario

## **MANITOBA BEEKEEPERS' ASSOCIATION**

**G. HABING**  
Hazelridge, Manitoba

## **MANITOBA CO-OP HONEY PRODUCERS LTD.**

**S. COULTHARD**  
Bagot, Manitoba

## **SASK. BEEKEEPERS' CO-OP ASSOCIATION**

**S. L. HAND**  
Porcupine Plain, Sask.

## **SASK. HONEY PRODUCERS CO-OPERATIVE LTD.**

**R. M. PUGH**  
Tisdale, Sask.

## **ALBERTA HONEY PRODUCERS CO-OP**

**P. KOWALSKI**  
11219-101 Street, Edmonton, Alberta

## **ALBERTA BEEKEEPERS' ASSOCIATION**

**C. D. CIPHERY**  
Sangudo, Alberta

## **BRITISH COLUMBIA HONEY PRODUCERS ASSOCIATION**

**C. C. HEIGHWAY**  
Peachland, B. C.

**W. H. TURNBULL**  
Vernon, B.C.

## **CANADIAN HONEY PACKERS ASSOCIATION**

**F. R. GARLAND**  
123 Bannatyne Avenue, Winnipeg, Manitoba

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MINUTES  
CANADIAN BEEKEEPERS' COUNCIL

Twelfth Annual Meeting

Quebec, P.Q.

Monday, November 26th, 1951 - 9:00 A.M.

Present: Members: S. Coulthard, F. R. Garland, S. L. Hand,  
W. G. le Maistre, S. M. Deschenes, G. Habing,  
Phillip Bishop, O. Paradis, H. C. Allan,  
C. D. Heighway, W. H. Turnbull, P. Kowalski,  
J. N. Dymont, R. M. Pugh.

Visitors: C. A. Jamieson, Dominion Apiarist, Ottawa;  
G. Townsend, Provincial Apiarist of Ontario,  
Guelph; H. Jones, Bedford, Quebec; T. H. Shield,  
Toronto; F.R. Armstrong, Honey Specialist, Ottawa;  
F. A. Anderson, Georgetown, Ontario.

The Secretary read the notice of the meeting.

Moved by Deschenes, seconded by Allan:

1. That H. Jones and G. Townsend be scrutineers for the election of officers to be held on Thursday afternoon.

CARRIED

Moved by Garland, seconded by Heighway:

2. That the Minutes of the Eleventh Annual Meeting of the Beekeepers' Council be approved.

CARRIED

The audited financial statement for the period ending January 31st, 1951 was presented by the Treasurer. (Appendix I)

Moved by Pugh, seconded by Allan:

3. That the audited financial statement for the period January 11th, 1950 to January 31, 1951 be approved.

CARRIED

The interim financial statement for the period February 1, 1951 to November 15, 1951 was read by the Treasurer. (Appendix II)

Moved by Pugh, seconded by le Maistre:

4. That the interim financial statement be accepted.

CARRIED

President Dymont welcomed Council members and visitors and presented the President's report (Appendix III)

Pugh presented the report of the Advertising Committee. (Appendix IV)

Moved by Pugh, seconded by Allan:

5. That the report of the Advertising Committee be received.

CARRIED

Moved by Turnbull, seconded by le Maistre:

6. That all Committee Reports be received and discussed at a later time in the meeting.

CARRIED

The report on the Canadian National Exhibition and Royal Winter Fair was given by Allan. (Appendix V)

Moved by Allan, seconded by Paradis:

7. That the report of the Canadian National Exhibition and Royal Winter Fair Committee be received.

CARRIED

Heighway reporting for the Constitution and Bylaws Committee stated that there was nothing further to report at this time as Council had just recently been incorporated with a new set of Bylaws.

Pugh reported that under the new constitution the following had been declared ordinary members of the Canadian Beekeepers' Council.

Association Des Apicultures de la Province de Quebec  
Les Producteurs de miel du Quebec  
Ontario Beekeepers' Association  
Ontario Honey Producers' Co-operative Association I  
Manitoba Beekeepers' Association  
Manitoba Co-operative Honey Producers' Ltd.  
Saskatchewan Beekeepers' Co-operative Association  
Saskatchewan Honey Producers' Co-operative  
Association Ltd.  
Alberta Beekeepers' Association  
Alberta Honey Producers' Co-operative Association I  
British Columbia Honey Producers' Association

The following had been accepted as associate members.

Canadian Honey Packers' Association  
Maritime Beekeepers' Association

Moved by Allan, seconded by Paradis:

8. That a committee of three be appointed to bring in a slate of Honorary members.

CARRIED

The Levy Committee report was given by Dymment.

Moved by Garland, seconded by Paradis:

9. That the report of the Levy Committee be received.

CARRIED

The report of the Exhibition Committee was given by Turnbull. (Appendix VI)

Moved by Turnbull, seconded by Allan:

10. That the report of the Exhibition Committee be received.

CARRIED

Moved by Heighway, seconded by Deschenes:

11. That Council adjourn until 9 A.M. Tuesday morning so that Committee meetings can be completed during the afternoon.

CARRIED



Moved by le Maistre, seconded by Garland:

12. That a committee consisting of Hand, Townsend, C. Ciphery, Turnbull, Deschenes be appointed to collect and distribute information to all provinces on:
  1. Various types of contracts between beekeepers and seed and fruit growers.
  2. Results obtained by beekeepers and seed and fruit growers co-operating.
  3. Recommendations regarding:
    - a. Density of bee population
    - b. Time of colony placement
    - c. Distribution of colonies
    - d. Harvesting methods
    - e. Types of colonies

CARRIED

Moved by Garland, seconded by Deschenes:

13. That the Chair appoint a committee of three to select Honorary Council members.

CARRIED

Adjournment was moved by Garland.

Tuesday, November 27th  
9 A.M.

Present: Members: Dymont, Kowalski, Garland, Hand, le Maistre, Bischoff, Paradis, Allan, Heighway, Turnbull, Pugh, Deschenes, Habing, Coulthard.

Visitors: Anderson, Jamieson, Townsend, Jones, J.H. Arnett, Provincial Apiarist of Saskatchewan; H. Tiessen, Provincial Honey Grader, Toronto.

Moved by Garland, seconded by Allan:

14. That le Maistre and Turnbull be Council Publicity Committee.

CARRIED

The report of the Express Rates Committee was given by Pugh.  
(Appendix VII)

Moved by Pugh, seconded by Turnbull:

15. That the report of the Express Rates Committee be received.

CARRIED

Allan presented the report of the Grading Committee.  
(Appendix VIII)

Moved by Turnbull, seconded by le Maistre:

16. That the Grading Committee report be returned to the committee for completion.

CARRIED

The President appointed Turnbull, Deschenes and Habing to be a committee to select Honorary members for Council.

Moved by le Maistre seconded by Heighway:

17. That the Council express sincere sympathy with Mr. P. C. Colquhoun for his accident and its regrets that he is unable to be at this annual meeting to give us the benefit of his wealth of knowledge and his cheerful counsel.

CARRIED

Moved by Hand, seconded by Kowalski:

18. That Council write Mrs. M. Henderson, Director of Daily Province Kitchen, Vancouver, in recognition of here interesting articles on the uses of honey.

CARRIED

The report of the Marketing Legislation Committee was presented by Heighway.  
(Appendix IX)

Moved by Heighway, seconded by Kowalski:

19. That the report of the Marketing Legislation Committee be received.

CARRIED

The Council Publicity Committee report was presented by Turnbull.  
(Appendix X)

Moved by Turnbull, seconded by Habing:

20. That the report of the Council Publicity Committee be received.

CARRIED

Moved by Allan, seconded by Paradis:

21. That the Council Publicity Committee provide the CBC with a 500 word article for use on the Farm Broadcast during the week.

CARRIED

The Honey Competitions Committee Report was presented by Jones.  
(Appendix XI)

Moved by Turnbull, seconded by Kowalski:

22. That the report of the Honey Competitions Committee be received.

CARRIED

Turnbull reported on the work of his Sub Committee in securing a shield for competition at the Canadian National Exhibition and the Pacific National Exhibition.

Report of the Export Committee was given by Garland.  
(Appendix XII)

Moved by Garland, seconded by Allan:

23. That the report of the Export Committee be received.

CARRIED

Tuesday, November 27th  
1:30 P.M.

Present: Members: Bishop, Paradis, Allan, Dymont, Habing, Coulthard, Garland, Hand, Pugh, le Maistre, Kowalski, Heighway, Turnbull.

Visitors: Arnott, Armstrong, Jamieson, Anderson, Tiessen.

The report of the Pollination Committee was given by Turnbull  
(Appendix XIII)

Moved by Turnbull, seconded by Heighway:

24. That the report of the Pollination Committee be received.

CARRIED

The report of the Research Committee was presented by le Maistre.  
(Appendix XIV)

Moved by le Maistre, seconded by Paradis:

25. That that portion of the Research Committee report pertaining to the points mentioned in 1950 minutes be received.

CARRIED

The report of the Sub Committee on Scholarships was presented by Townsend.  
(Appendix XV)

Moved by le Maistre, seconded by Kowalski:

26. That the report on Scholarship Committee be received.

CARRIED

All committee reports that were ready for presentation having been received, the Chairman advised that the reports would be open for Council consideration in the order in which they were presented.

#### Advertising Committee

The report was discussed at considerable length. Recommendations that a Spot program beside a New-cast be considered by the Committee was received, also that Council make available to members streamers and advertising material prepared for earlier programs.

Moved by Turnbull, seconded by Allan:

27. That the Advertising Committee consider making Council posters and streamers available for use by beekeepers.

CARRIED

Moved by Garland, seconded by Habing:

28. That further discussion on Advertising Committee Report be adjourned until Mr. M. Turner had been heard.

CARRIED



Moved by Allan, seconded by le Maistre:

29. That the Executive investigate the possibility of securing a commodity freight rate for honey.

CARRIED

Moved by Garland, seconded by Paradis:

30. That the remuneration of Mr. and Mrs. Allan for services at the Royal Winter Fair be left to the discretion of the Executive.

CARRIED

Moved by Garland, seconded by Habing:

31. That payments to exhibitors at the Royal Winter Fair and the Canadian National Exhibition be left to the discretion of the Exhibition Committee.

CARRIED

Moved by Turnbull, seconded by Garland:

32. That the Constitution and Bylaws Committee be discharged and thanked for their services.

CARRIED

Moved by Habing, seconded by Garland:

33. WHEREAS the Manitoba Beekeepers' Association has moved in favour in an increase in container levy,  
  
THEREFORE BE IT RESOLVED that Council give consideration to an increase in the container levy in order to raise more funds for national honey advertising.

DEFEATED see No. 34

Moved by Paradis, seconded by Kowalski:

34. That the motion No. 33 be tabled until 9 o'clock tomorrow morning.

CARRIED

Wednesday, November 28th

9 A.M.

Present: Members: Bishop, Paradis, Allan, Dymont, Habing, Coulthard, Garland, Hand, Hugh, le Maistre, Kowalski, Heighway, Turnbull, Deschenes.

Visitors: Jones, Arnott, Jamieson, Armstrong, Tiessen, Shield.

Moved by Habing, seconded by Heighway:

35. That the motion of Habing, seconded by Garland regarding increasing container levy be considered.

CARRIED

After consideration the Motion No. 32 was put.

DEFEATED

Moved by Turnbull, seconded by Paradis:

36. That the Exhibition Committee be merged with the Competitions Committee.

CARRIED

Moved by Garland, seconded by Turnbull:

37. That the Canadian Beekeepers' Council request the Dominion Department of Trade and Commerce take all possible action;
  1. To enable Canadian export honey to compete on equal terms with United States honey which is subsidized for export.
  2. To encourage European countries to allocate more dollars for the purchase of Canadian honey.
  3. To closely scrutinize all honey or honey products imported into Canada to prevent United States subsidized honey, exported to another country, being reshipped into Canada.

CARRIED

Moved by Garland, seconded by Paradis:

38. RESOLVED that the Export Committee be revised to the Export Import Committee.

CARRIED

Moved by Garland, seconded by Heighway:

39. That parcel post data be collected by the Express Rates Committee.

CARRIED

Dyment reporting for the Floor Price Committee stated that no progress had been made during the year on Floor Prices and recommended that the committee be disbanded.

An amended Grading Report was presented by Allan.

Moved by Allan, seconded by Garland:

40. That the Grading Committee Report be received.

CARRIED

Moved by Allan, seconded by Heighway:

41. That a letter be sent to Mr. F. R. Armstrong requesting him to bring to the attention of the War Production Board that a pasteurized, regranulated honey packed in tin would be more satisfactory than liquid honey for use by the armed services.

CARRIED

Moved by Allan, seconded by Kowalski:

42. That Council request that the Dominion Honey Grading Regulations be amended to allow the packing of honey in any container which will hold a net weight of six ounces or less.

CARRIED

Moved by Allan, seconded by Paradis:

43. That Council request that the Dominion Honey Grading Regulations be amended to allow the packing of sixty-five pounds of honey in the present bulk containers.

CARRIED

Moved by Allan, seconded by Garland:

44. That Mr. F. R. Armstrong, Honey Specialist, be asked to write a letter to registered packers advising them of the tank lot regulations as required by the Honey Act.

CARRIED

Moved by Allan, seconded by Coulthard:

45. WHEREAS Council believes great improvement can be made in securing better honey grading and marketing by acquainting the beekeepers with the grading regulations and,

WHEREAS this appears to be primarily the responsibility of the provinces which have close direct contact with the beekeeper and,

WHEREAS the direct inspection of honey in wholesale and retail outlets can be most satisfactorily done by the Dominion service and,

WHEREAS it is highly desirable to have a uniform standard of grading in all provinces throughout the Dominion,

THEREFORE BE IT RESOLVED that the Director of Marketing Service of the Dominion Department of Agriculture be requested to include the inspection of honey in the regular inspection visits of his staff.

CARRIED

Moved by Turnbull, seconded by Garland:

46. That Council donate two trophies, one to be offered for honey at the Pacific National Exhibition and one to be offered at the Canadian National Exhibition.

CARRIED

Moved by Turnbull, seconded by Hand:

47. That the details regarding awarding of the trophies to be offered by Council at the Pacific National Exhibition and the Canadian National Exhibition be left to the committee in charge.

CARRIED

Moved by Allan, seconded by Habing:

48. That Council authorize the Honey Competitions Committee to thoroughly investigate and if thought desirable to arrange the conditions of an open Honey class at the Royal Winter Fair for the title of Honey King, and to obtain a suitable and adequate trophy for such competition.

CARRIED

Adjournment was moved until 2 P.M.

Wednesday, November 28th,  
2 P.M.

Present: Members: Coulthard, Pugh, Garland, Heighway, Turnbull, Kowalski, le Maistre, Bishop, Paradis, Allan, Deschenes, Habing.

Visitors: Arnott, Townsend, Tiessen, Armstrong, Shield, Jamieson.

Moved by Garland, seconded by Heighway:

49. That the scale of points offered for color in Council judging recommendations be referred back to the Competitions Committee.

CARRIED

Moved by Coulthard, seconded by Kowalski:

50. That the Marketing Legislation Committee investigate marketing legislation in the various provinces and that its members endeavour to have adequate legislation introduced in all provinces.

CARRIED

Moved by Garland, seconded by le Maistre:

51. That a film committee be appointed to take all necessary action to encourage the production of films on honey and beekeeping.

CARRIED

Moved by Turnbull, seconded by Kowalski:

52. WHEREAS it is desirable to advertise a commercial pack of honey,

THEREFORE BE IT RESOLVED that Council recommend to the various Fair Boards that a commercial class or classes be included in their prize list such class or classes to consist of one commercial case which will show markings as to class and grade, etc., in conformity with existing grading regulations.

CARRIED

Moved by le Maistre, seconded by Paradis:

53. That this Council address a letter to the Minister of Agriculture of Ontario, the Honorable T. L. Kennedy, expressing its appreciation for the work done in connection with improvement of queens available to Canadian beekeepers, and pointing out that an effective breeding program is an important factor in the welfare of the beekeeping industry.

That this Council address a letter to the Alberta Beekeepers' Association commending their interest in taking steps toward improvement of bees available to its members, and at the same time pointing out the fundamental importance of this work to the industry.

CARRIED

Moved by le Maistre, seconded by Garland:

54. That a committee consisting of Hand, Townsend, Ciphrey, Turnbull, Deschenes, be appointed to collect information and distribute it to all provinces on;
1. Types of contracts between seed growers, fruit growers and beekeepers.
  2. Results obtained from grower and beekeeper co-operation.
  3. Recommendations regarding;
    - a. Density of bee population
    - b. Time of colony placement
    - c. Types of colonies
    - d. Distribution of colonies
    - e. Harvesting methods

CARRIED

Moved by le Maistre, seconded by Hand:

55. That Council address a letter to J. G. Faggert, Deputy Minister of Agriculture expressing sincere appreciation for the work undertaken on honey under the supervision of Dr. Jamieson, and referring specifically to the progress made on liquid honey studies.

CARRIED

Moved by le Maistre, seconded by Haighway:

56. That Council address Science Service, Dominion Department of Agriculture asking that facilities be made available for the purpose of analytical studies of bees thought to have been poisoned either by insecticides or herbicides.

CARRIED

Moved by le Maistre, seconded by Garland:

57. WHEREAS the most useful agency for accumulating and abstracting literature on Apiculture may have to suspend this service until adequate contributions are forthcoming in support of this work,

THEREFORE BE IT RESOLVED that Council subscribe to the work in the amount of \$150.00.

CARRIED

Moved by le Maistre, seconded by Paradis:

58. That a committee consisting of Armstrong, Jamieson, Shield and Tiessen be appointed on Honey Uses. The duties of this committee shall be to:

1. Accumulate information on uses for honey
2. Keep Council informed on uses for honey
3. Recommend to Council the exploration of uses for honey.

CARRIED

Moved by le Maistre, seconded by Bishop:

59. That Council express sincere appreciation to the Co-operative Federe for the gift of apples which was so much enjoyed at Council sessions in Quebec City.

CARRIED

Moved by le Maistre, seconded by Bishop:

60. That the Council instruct the Secretary to address the Quebec Beekeepers' Association, thanking them for the tea tendered its members and friends and pointing out how much this hospitality contributed to the enjoyment of this annual meeting being held in Quebec City.

CARRIED

Moved by Kowalski, seconded by Garland:

61. WHEREAS it has been reported that work on honey as requested by this Council has been undertaken by the National Research Council Prairie Laboratory and,

WHEREAS this Council is keenly interested in all developments likely to affect the beekeeping industry,

THEREFORE BE IT RESOLVED we address the National Research Council expressing our appreciation for their interest in our problems and our anticipation of receiving reports on this work as they become available.

CARRIED



Moved by Turnbull, seconded by Habing:

62. That a Council public relations campaign be carried on in the Maritimes through the medium of the Council News.

CARRIED

Moved by Allan, seconded by Paradis:

63. That the invitation so kindly extended by Mr. Bowman, the Minister of Agriculture of British Columbia to hold the next annual meeting of Council in British Columbia be accepted.

CARRIED

Moved by Garland, seconded by Habing:

64. That Council Executive be requested to arrange an all Canadian honey display at the next annual meeting of Council.

CARRIED

Moved by Hand, seconded by Kowalski:

65. WHEREAS the help and advice of the Provincial and Dominion Apiarists and Honey Specialists is of great assistance at Council's annual meeting and,

WHEREAS these officials can greatly assist beekeeping by their work on Council Committees and,

WHEREAS the exchange of information and ideas between these officials and between them and Council members is essential to the best interest of beekeeping in Canada and,

WHEREAS it is most desirable that these officials are authorized to attend Council's annual meeting,

THEREFORE BE IT RESOLVED that the Council Executive try to arrange that all Provincial and Dominion Beekeeping officials be brought together at the time of the annual Council meeting at Government expense,

AND BE IT FURTHER RESOLVED that these men shall not be appointed to Council Committees without first securing authorization from their superiors, and if so appointed, their expenses while discharging Council Committee duties will be defrayed by Council.

CARRIED

Adjournment was moved by Kowalski.

Thursday, November 29th  
9 A.M.

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Present: Members: Garland, Pugh, le Maistre, Turnbull, Kowalski,  
Coulthard, Deschenes, Habing, Heighway, Paradis,  
Dyment, Allan, Hand.

Visitors: E. W. MacDonald, Family Herald, Montreal,  
Anderson, Townsend, Armstrong, Arnott, Tiessen,  
Mrs. H. Grace, Jones, Mrs. Habing.

Turnbull gave a report on the work of the Pollinating Committee.

Moved by Turnbull, seconded by Habing:

66. That the 1950 - 51 committee on Pollination be  
discharged.

CARRIED

Moved by Turnbull, seconded by Hand:

67. That the following list of Honorary members  
appointed last year to Council be reappointed  
for 1951-52.

Hon. J. G. Gardiner  
T. H. Shield  
W. R. Agar  
C. B. Gooderham  
G. F. Pearcey  
H. Jones

CARRIED

Moved by Turnbull, seconded by Habing:

68. That the following be appointed Honorary  
members to the Canadian Beekeepers' Council.

C. G. Bishop  
J. W. Braithwaite  
P. C. Colquhoun

CARRIED

Moved by Garland, seconded by le Maistre:

69. WHEREAS the Council has thoroughly enjoyed the  
hospitality so graciously arranged by the  
Department of Agriculture of the Province of  
Quebec,

THEREFORE BE IT RESOLVED that a most hearty vote  
of thanks be extended to the Department of  
Agriculture of the Province of Quebec, on behalf  
of Council.

CARRIED

Moved by Garland, seconded by Deschenes:

70. That the Council Executive appoint the  
necessary committees.

CARRIED

Moved by Habing, seconded by Turnbull:

71. That Council members indicate their desire to serve on four committees in order of preference.

CARRIED

Moved by Heighway, seconded by le Maistre:

72. WHEREAS C. E. Jamieson has recently received his PhD. degree from Cornell University,  
  
THEREFORE BE IT RESOLVED that Council extend congratulations to Dr. Jamieson on achieving this honor.

CARRIED

Mrs. Harriett M. Grace, Director of the American Honey Institute reported on honey publicity she had secured through the Canadian Press during the past year. Mrs. Grace's report showed that a great deal of her material was being used by a high proportion of papers in all provinces of the Dominion.

Professor Townsend offered to assist Mrs. Grace in sending out Christmas parcels of honey.

Moved by Garland, seconded by Hand:

73. That Pugh and Townsend be a committee to arrange for Christmas gift parcels.

CARRIED

Moved by Turnbull, seconded by Habing:

74. That Shield preside during the election of officers.

CARRIED

Nominations for President were requested.

Kowalski was nominated by Dymont.  
Dymont was nominated by Garland.  
Dymont requested that his name be withdrawn as he would not stand.

Moved by Allan, seconded by Paradis:

75. That nominations close.

CARRIED

Turnbull was nominated for Vice-President by Deschenes.  
Paradis was nominated by Allan.  
Paradis withdrew his name.

Moved by Deschenes, seconded by Heighway:

76. That nominations close.

CARRIED

Pugh was nominated for Secretary-Treasurer by Paradis.

Moved by Deschenes, seconded by Heighway:

77. That nominations close.

CARRIED

Adjournment was moved by Deschenes.

Friday - November 30th  
9 A.M.

---

Present: Members: Garland, Coulthard, Hand, le Maistre, Bishop, Paradis, Allan, Heighway, Dymont, Kowalski, Pugh, Habing, Turnbull.

Visitors: MacDonald, Tiessen, Arnott, Anderson, Mrs. H. Grace, M. Turner, Cockfield, Brown and Company, R. MacInnes, Trans-Canada Airways, J. Bovard, Continental Can Company, A.A. Rapelye, President, Continental Can Company.

A report on the advertising secured through Sports College was given by Pugh indicating that considerable publicity had been secured through the several mediums employed by Sports College, namely:

1. Radio broadcasts.
2. Training recommendations sent to athletes and coaches.
3. Sports College publications
4. Training groups

Moved by Allan, seconded by Coulthard:-

78. That the question of re-engaging Sports College for another year be left in the hands of the Advertising Committee.

CARRIED

Moved by Hand, seconded by Heighway:

79. That Council authorize and recommend that the Executive take steps to make honey available to the Canadian Olympic team during their training period in Sweden.

CARRIED

Moved by Garland, seconded by Habing:

80. That Council appropriation for honey exhibits be \$1,500.00.

CARRIED

Moved by Deschenes, seconded by Allan:

81. That not less than two issues of Council News be available for distribution to beekeepers each year and if possible that one page be a digest in French.

CARRIED

Moved by le Maistre, seconded by Garland:

82. That Council write Mrs. Grace and the American Honey Institute expressing its appreciation of her valuable work in honey publicity.

CARRIED

The Treasurer presented the budget for 1952 as follows:

Advertising	-	\$20,000.00	
Honey Exhibits	-	1,500.00	
Council News	-	1,000.00	\$22,500.00
Research	-	150.00	
Travelling	-	700.00	
Annual Meeting	-	3,400.00	
Office	-	2,400.00	
Miscellaneous	-	500.00	7,150.00
			<u>\$29,650.00</u>

Moved by Garland, seconded by Dymont:

83. That the budget of \$29,650.00 be approved as presented.

CARRIED

Moved by Heighway, seconded by Deschenes:

84. That the thanks of Council be extended to the hotel management and others for contributing to the success of the annual meeting.

CARRIED

R. MacInnes, Public Relations Manager of the Trans-Canada Airways, Montreal, spoke to Council at this point on various phases of public relations and publicity which might be open to Council to secure more widespread acceptance of honey.

M. Turner, Manager of Cockfield, Brown & Company, Winnipeg, recommended Council aim for a budget of \$75,000 to \$100,000 per year for honey advertising and publicity.

Adjournment was moved by Kowalski.

Friday, November 30th,  
2 P.M.

Present: Members: le Maistre, Garland, Bishop, Deschenes, Paradis, Heighway, Kowalski, Turnbull, Pugh, Habing, Hand, Coulthard.

Visitors: Mrs. S. M. Deschenes, Arnott, Tiessen, MacDonald.

Moved by Garland, seconded by Heighway:

85. That Council request the Statistics Branch of the Department of Agriculture to conduct a survey of the consumer buying habits and preferences for honey.

CARRIED

Moved by Garland, seconded by le Maistre:

86. That Council Executive endeavour to supply Council News from time to time to Provincial organizations, Provincial Apiarists and Co-operatives.

CARRIED

Council was advised that the early records of Council should be written up in a history before they are lost and Garland undertook to prepare an article on Council history.

Moved by Deschenes, seconded by Hand:

87. That Canadian beekeepers be advised of Mrs. Grace's kind offer to allow beekeepers in Canada to include the following words on their honey cartons:

"Write to the American Honey Institute, Madison, Wisconsin for free honey recipes".

CARRIED

Moved by Deschenes, seconded by Habing:

88. That Council request the various honey container manufacturers to include the following words on their stock design honey containers:

"Write to the American Honey Institute, Madison, Wisconsin for free honey recipes".

Moved by le Maistre, seconded by Paradis:

89. That the bond of \$5,000.00 as presently carried on the Secretary-Treasurer is satisfactory to Council.

CARRIED

Moved by le Maistre, seconded by Paradis:

90. That the Research Committee be requested to investigate the possibility of improving the packaging of honey.

CARRIED

Moved by le Maistre, seconded by Bishop:

91. That the Research Committee pay particular attention in its studies on honey to the matter of usability of honey.

CARRIED

Moved by Garland, seconded by Turnbull:

92. That a suitable gift be secured for Norman Dymont.

CARRIED



Moved by Deschenes, seconded by Heighway:

93. That Perga Containers Limited be thanked for their kind offer of hospitality to Council.

CARRIED

Moved by Garland, seconded by Heighway:

94. That Pugh and Deschenes be a committee to arrange such entertainment.

CARRIED

The date for the next annual meeting was discussed and it appeared the consensus of opinion that a date in November would be most suitable.

Adjournment was moved by Heighway.

Appendix No. 1  
Saskatoon, Saskatchewan,  
February 23, 1951.

To the Members,  
Canadian Beekeepers' Council,  
TISDALE, Saskatchewan.

We have examined the books and records of the Canadian Beekeepers' Council for the period January 11, 1950 to January 31, 1951 and have received all the information and explanations required.

We report that, in our opinion the accompanying statement of receipts and expenditures with a cash balance of \$3,505.53, presents fairly the transactions of the Council for the above period.

Respectively submitted by the  
AUDIT DEPARTMENT,  
SASKATCHEWAN FEDERATED CO-OPERATIVES LTD.  
A. E. Pershick, Manager, Saskatoon Audit Department.

## Statement of Receipts

for the period January 11, 1950 to January 31, 1951

Cash in Bank, Jan. 11, 1950 ....			\$ 9,627.33
Receipts:			
Container Levy:			
Continental Can Co. ....	\$12,933.47		
Perga Containers Ltd. ....	5,882.94		
American Can Co. ....	760.98		
Canadian Sealright Co. ....	448.11		
Atlas Paper Box Co. ....	665.30	\$20,690.80	
Others:			
Ont. Beekeepers' Association	\$ 5,000.00		
Sale of Auto Honey Plates ..	158.85		
Cook Books .....	525.63		
Donations .....	3.00		
Sundry .....	1.88	5,689.36	26,380.16
To Account For .....			<u>\$36,007.49</u>

## Statement of Expenditures

for the period January 11, 1950 to January 31, 1951

Expenditures:			
Advertising:			
Fall and Winter			
Campaign (Incomplete) .....	\$ 9,059.62		
Spring Campaign .....	12,409.88		
Council News .....	140.48		
Miscellaneous .....	9.19	\$21,619.17	
Honey Exhibits:			
C.N.E. & Royal Winter Fair	\$ 582.81		
British Columbia Exhibit .....	400.00		
Alberta Exhibit .....	200.00		
Ottawa Exhibit .....	100.00		
Quebec Exhibit .....	50.00	\$ 1,332.81	
Annual Meeting .....		3,405.29	
Cook Books .....		1,133.20	
Travelling:			
R. M. Pugh .....	\$ 1,182.58		
N. Dymont .....	252.21		
P. Kowalski .....	433.40		
S. Deschenes .....	35.00		
F. Garland .....	112.00	\$ 2,015.19	
Brokerage .....		46.99	
Office:			
Salary: Sec.-Treas. ....	\$ 1,000.00		
Others .....	775.00		
Printing and Stationery .....	677.06		
Postage .....	79.00		
Telephone .....	100.82		
Telegraph .....	52.66		
Exchange: Bank .....	44.02		
Foreign .....	50.55		
Express .....	84.20		
Fidelity Bond .....	22.50		
Entertainment .....	9.05		
Audit .....	20.00		
Miscellaneous .....	34.45	\$ 2,949.31	\$32,501.96
Cash in Bank, Jan. 31, 1951	\$ 3,530.53		
Less Outstanding Cheques ....	25.00		3,505.53
Accounted for ....			<u>\$36,007.49</u>

*Interim Statement of Receipts*

February 1, 1951, to November 15, 1951.

Cash in Bank .....		\$ 3,505.53	
Levy:			
Continental Can .....	\$15,127.03		
Atlas .....	708.18		
Sealright .....	24.00		
Perga Containers .....	790.73		
Ont. Beekeepers' Ass'n. ....	9,500.00	26,149.94	
Others:			
Refund on Bond .....	2.50		
Auto Signs .....	2.10		
Refund on Addressograph ....	5.63		
Stereos .....	19.00		
Mats .....	35.75	64.98	
B.C. Honey Producers			
Refund 1950 on expenses ....		200.00	
		<u>\$29,920.45</u>	

*Interim Statement of Expenditures*

February 1, 1951, to November 15, 1951.

Advertising:			
Winter Campaign .....	\$4,853.24		
Fall Campaign (1951) .....	4,715.18		
Advertising Competition .....	255.00	\$9,823.42	
Publicity:			
American Honey Institute ....	\$2,126.19		
Sport's College .....	1,000.00	3,126.19	
Assistance to Fairs:			
C.N.E. and Royal .....	1,341.55		
P.N.E. ....	500.00	1,841.55	
Maritime Beekeepers' Ass'n. ....		147.60	
Incorporation of Council .....		639.25	
Council News .....		401.39	
Travelling .....		677.91	
Office:			
Secretary-Treasurer .....	900.00		
Stenographer .....	700.00		
Bond .....	25.00		
Stamps .....	53.74		
Audit .....	25.00		
Printing .....	399.30		
Express .....	29.86		
Telephone and Telegraph ....	38.49		
Exchange .....	19.59		
Sundry .....	19.69	2,210.54	18,867.85
Cash in Bank, Oct. 31, 1951	10,747.35		
	<u>305.25</u>	<u>11,052.60</u>	<u>11,052.60</u>
			<u>\$29,920.45</u>

*President's Address*

On this, the twelfth annual meeting of The Canadian Beekeepers' Council, it again becomes my pleasant privilege to declare the meeting officially in session.

On behalf of Council, I wish to extend a hearty welcome to our visitors. These include Mrs. Harriett Grace, Director of American Honey Institute, Dr. Jamieson, Dominion Apiarist, Professor Townsend, Provincial Apiarist of Ontario, J. H. Arnott, Provincial Apiarist of Saskatchewan, F. A. Armstrong, Dominion Honey Specialist, Tom Shield, Manager of the Ontario Honey Producers Co-op., F. A. Anderson, Vice-President

(Appendix No. 3: President's Address Continued)

of the Ontario Beekeepers' Association and Harry Jones of F. W. Jones and Sons, Bedford, Quebec.

I wish to say that the Council is most mindful, and appreciative, of the fund of knowledge represented by these men and women, and we consider it a valuable contribution to the work of Council. We wish each and every one to feel free to enter the discussions of our problems with us.

We have this year, three new members of Council — namely Mr. Steve Hand, succeeding Mr. P. C. Colquhoun, Mr. Oswald Paradis, succeeding Mr. Le Forte and Mr. Phillip Bishop, representing the Maritime provinces. Welcome Gentlemen to the Canadian Beekeepers' Council. It also gives me great pleasure to welcome to our social midst, Mrs. Garland, Mrs. Habing, Mrs. Allan, Mrs. Anderson and Mrs. Deschenes.

The space of time from one annual Council meeting to the next is the period during which the various committees act upon the specific directions of Council, as well as exercise their own initiative, in submitting for Council's deliberation, matters of promising merit, concerning the phase of our industry, which their Committee represents.

Some of the developments of the current year affecting the Beekeeping industry of Canada are as follows:

Council's comic strip advertising campaign, was carried on across Canada during September and October — not a large campaign, but to the full extent of our resources at that time. Fortunately, now there is promise, for the greatest campaign yet promoted by Council, during the coming months.

The engagement of Mrs. Harriet Grace, Director of The American Honey Institute, has been considered to add substantially to the cause of Honey promotion, through her contact with food editors of papers across Canada and in respect to the publication of recipe material.

An agreement with Sports College has been entered into whereby the College recommends the use of Honey in the diet of athletes, both on their broadcasts and in their literature.

During a visit to Ottawa early in the year, Council executive met with Government officials, and pressed for more recognition of the value of Bees as pollinators — an effort to procure a permanent liquid Honey — changes in the Food and Drug Act, favoring greater commercial outlet for Honey — a continuance of the co-operation of the bacteriology Division of Science Service, from which Department we secure the services of Dr. Katznelson, in relation to Brood Diseases.

As a result of this Ottawa meeting, experimental work on a permanent liquid Honey is now being carried on in the Prairie Regional Laboratory of the National Research Council, Saskatoon, thus adding to the valuable work already being carried on, in this regard, by our Dominion Apiarist, Dr. Jamieson.

Grading regulations have now become law in British Columbia, adding to the Provinces of Manitoba, Saskatchewan and Ontario.

Ontario's Marketing Scheme has legal status, and is ready for action, but it is the view of the local Board that one or two unfavourable technicalities should be altered by legislation before the plan could become workable to the best advantage. An effort to this end is in progress at the present time.

The Manitoba Beekeepers' Association has officially expressed itself as favoring marketing legislation, and is taking the necessary step in an effort to bring it into being.

Since the last annual meeting, the Ontario Beekeepers' Association has had its legislative container levy raised from one-fifth designated as Council's equitable share, and the balance for the purposes of the O.B.A. Council can be justly proud of its institution of the equitable universal container levy for the purposes of advertising and Honey promotion. The fruits of this levy, augmented by certain Provincial promotion, has indicated during the last year or two, an increase in the Canadian consumption of Honey to three pounds per capita, or the highest consumption per capita in the world.

The Committee reports at this meeting will add to, and enlarge upon, these general developments.

Council appreciates greatly, the splendid co-operation of all Departments of Government, from which we are receiving assistance. We appreciate the levy support of the Beekeeper, and the co-operation of the Container Companies in making collections for us. We feel that a properly organized Canadian Beekeeping industry which, incidentally, we believe we have, has brighter prospects now than for some time past. With continued levy support for advertising, orderly marketing, proper grading, and with an ever-increasing population in Canada, there seems to be every reason to look forward with confidence, toward a greater and more profitable industry.

As we enter the deliberations of this twelfth annual meeting of the Canadian Beekeepers' Council, may we not default, in our efforts to augment, what appears to be a definite trend toward a brighter and more prosperous Beekeeping era.

Respectfully submitted,

J. N. DYMENT

## Advertising Committee Report

The 1951 advertising effort was directed along four avenues:

1. Newspaper advertising under the direction of Cockfield Brown & Co.
2. Publicity for honey conducted for us by the American Honey Institute.
3. Publicity for honey conducted by Sports College.
4. Publicity through Honey Week.

### NEWSPAPER ADVERTISING:

Council entered the year with an advertising debt of almost \$5,000.00 on 1950 advertising and it was therefore not possible to conduct a Spring advertising Campaign. However a Fall Campaign was drawn up for the months of September, October and November.

The Comic strip medium of advertising was again used. The Fall Campaign was divided as follows:

	Insertions	Amount	Circulation
Week-end Papers .....	4	\$5,390.00	1,985,000
Farm Press .....	4	\$1,390.00	375,000
Daily Press .....	4	\$1,644.00	529,000
Trade Papers .....	2	\$ 375.40	32,000
Art Work, etc. ....		\$ 281.60	
		<hr/>	
		\$9,000.00	2,921,000

### AMERICAN HONEY INSTITUTE

Mrs. Harriett Grace, Director of the American Honey Institute has furnished recipes and cuts to a large number of Food Editors in Canada which has resulted in honey receiving wide and frequent mention in the Canadian Press throughout the year. This assistance was secured at a cost to Council of \$2,126.19.

### SPORTS COLLEGE

Sports College has promoted the use of honey by athletes by radio and through its training guides and other circulars and releases to coaches and athletes. \$1000.00 was contributed to Sports College during 1951.

### ADVERTISING COMPETITION

Over 40 entries were secured to the Advertising Competition held by Council during last winter. Three entries were judged of sufficient merit and three \$25.00 prizes were awarded.

More extensive advertising would have been desirable during the year 1951 and a larger campaign would have been conducted had funds been available. However, over \$16,800.00 has gone into Honey advertising, \$4,800.00 on last year's campaign, and \$12,000.00 on this winter's campaign.

Your committee feels that Council Advertising has had a most beneficial effect on increasing honey sales during the past several years and that a continued and expanded advertising program is the best means of keeping the demand for honey strong at profitable prices to Beekeepers.

We recommend that Council's future advertising should be as extensive and continuous as finances will permit.

## Booth 90, Canadian National Exhibition

August - September, 1951

### OPERATING ACCOUNT

Sales per reconciliation .....	\$2,902.27	
Cost of Sales (See Below) ....	2,360.85	
	<hr/>	
Gross Margin .....		\$541.42
<b>EXPENSES OF OPERATION</b>		
Freight .....	\$28.14	
Booth:		
Lid printing .....	\$ 24.00	
Decorating .....	185.00	
Flowers .....	6.50	
Uniform .....	5.49	
Samples .....	3.43	
Shopping Bags .....	319.36	
Small Bags .....	10.90	
Miscellaneous .....	2.50	
	<hr/>	
	\$557.18	
Car Park and Passes .....	11.50	
Exchange .....	3.80	
Wages .....	190.05	
	<hr/>	
		790.67
		<hr/>
Deficit .....		249.25
		<hr/>

(Appendix No. 5: Booth 90, Canadian National Exhibition Continued)

Reconciliation:		
Received from		
Can. Beekeepers' Council		\$1,000.00
Deficit as above .....		249.25
		<hr/>
Balance on Hand		
Canadian Bank of Commerce		750.75
Cost of Sales:		
Ont. Honey Prod. Co-op.	\$1,425.30	
Allan Brown .....	237.60	
Ted Allen .....	481.95	
H. C. Allan .....	216.00	
	2,360.85	
Reconciliation of sales total:		
Balance shown of deposits made in Bank		
of daily sales on Exhibition Grounds .....		\$2,599.50
Add:		
Disbursements directly from cash receipts:		
Flowers .....	\$ 6.50	
Uniforms .....	5.49	
Samples .....	3.43	
Small Bags .....	10.90	
Car Parking Passes .....	11.50	
Exchange .....	3.80	
Wages .....	190.05	\$ 231.67
		<hr/>
		2,831.17
Deposit of balance on hand petty cash etc.,		
Bank of Commerce, Annette Street .....		71.10
		<hr/>
See Operating Account .....		2,902.27
		<hr/>

**Winter Fair 1951**

Total Sales at Fair .....		\$1,938.04
Sales since Fair:		
Pellat, 2 cases comb honey ....	\$ 20.00	
Walters, 12-1 lb. tubs .....	2.00	
Brown, 24-1 lb. tubs .....	4.00	
Daniels, 12-1 lb. jars 25c ....	3.00	
Daniels, 2 cases comb .....	21.50	
Martin, 12-1 lb. jars .....	3.50	54.00
		<hr/>
		1,992.04
Cost of sales:		
Wages .....	88.40	
Sign .....	3.50	
Hardware .....	1.23	
Flowers .....	4.52	
Car Park .....	2.00	
Parcel delivery .....	6.00	
Lucas Display .....	20.00	125.63
		<hr/>
Honey purchased:		
Ont. Honey incl. freight ....	581.56	
Allan Brown comb. 15 doz. ..	81.00	
Erle Byers 12 cases comb ..	151.00	
Man. Co-op 38 cases comb ..	405.30	
Royal Fair 124 sections .....	55.80	
Royal Fair 1186 jars .....	247.10	1,521.96
		<hr/>
Total Expense .....		1,647.61
		<hr/>
Profit to date .....		344.43
Honey on hand:		
18 cases comb at cost .....	172.80	
93 jars honey at cost .....	19.55	
12-1 lb. tubs .....	2.25	
		<hr/>
		194.58
Deduct comb honey unpaid for		172.80
		<hr/>
Expected from honey on hand		21.78
		<hr/>
Profit from Winter Fair ....		366.21
Cash on hand from C.N.E. ....		750.75
		<hr/>
Total .....		1,116.96
		<hr/>



## ***Report Of Exhibition Committee***

We, your Committee on Exhibitions, report as follows:

To begin, we consider that this committee is to a very large extent unnecessary as all the work covered by it is covered by the work of the Honey Competitions Committee of which Mr. Harry W. Jones is the very able chairman.

Starting in British Columbia: Honey was shown at the Three Exhibitions. Vancouver (Pacific National Exhibition), Chilliwack (Chilliwack Agricultural Association) and the Interior Provincial Exhibition at Armstrong.

Honey was also shown in competition at the thirty-seven Fall Fairs held in the Province.

The volume of honey shown at all fairs showed a distinct increase over the previous year.

The sum of \$500.00 was granted by Council for the purpose of advertising honey at the Pacific National Exhibition and the full amount was spent in staging an "All Canadian Exhibit". This was made up of exhibits from each province in Canada as well as one from the Yukon.

This exhibit was the centre of attraction in the Horticultural Building and we had a regular attendant in the person of Fred Bettschen of Vernon in full charge of the exhibit for the eleven days of the Fair. It was estimated that of the 860,000 who attended the Exhibition, at least 500,000 saw the honey show and no one who saw it but noted the Canadian Beekeepers' Council Display.

The all Canadian feature was much appreciated and was commented on by all local and farm papers who had representatives at the Fair.

The honey show was also the rallying point of the visiting Ministers of Agriculture or their Deputies who had been having a conference at Victoria and visited the Pacific National as part of the agenda laid out for them by Hon. Harry R. Bowman, British Columbia's Minister of Agriculture.

The one feature noted too, was the similarity of all the honies shown and this display should go a long way toward convincing the public that all Canadian Honey is good.

The nature of the Council Exhibit was such that it was taken down and erected at the Interior Exhibition at Armstrong where it occupied a very strategic position in the centre of the stage in the largest building on the Fair Grounds and it was again the feature of the four day Fair where, from the vantage point from which it was shown it had as much or more advertising value than it had at Vancouver.

It was again taken down and used at the Salmon Arm Fall Fair.

One hundred dollars of the amount voted (\$500.00) was used for the paying of attendants and the rest was used in making up the display.

The services of the Provincial Apiarist and his Inspectors were donated by the Department of Agriculture and officials of the British Columbia Honey Producers' Association also donated their time in order to make this display the success it undoubtedly was.

The Province of Alberta reports a very nice honey display in Edmonton and honey was displayed at many of the smaller shows throughout the Province.

We have no report from the Province of Saskatchewan, with this exception, "The second Provincial Honey Show was held in Moose Jaw on August 24th and 25th, a total of 24 exhibits were received from all parts of the Province."

Officials of the Co-operative and the Department of Agriculture were on hand urging all exhibitors to take a part in the major shows at Prince Albert, Saskatoon and Regina and in the Canadian National Exhibition and the Royal Winter Fair at Toronto.

Manitoba is waking up to the value of exhibitions as a means of advertising honey to the consuming public. One result was the Provincial Honey Show in Winnipeg in conjunction with the Provincial Fruit and Vegetable Show. It is hoped this show will become an annual event to be staged at Winnipeg, Brandon and Dauphin alternately. There were twenty-five individual entries in this fair this year and the interest shown certainly warrants its continuance. There was also a good display of honey at Brandon and at numerous local fairs throughout the summer and fall.

Ontario as usual staged their major honey shows at the Canadian National and the Royal Winter Fairs and from all reports they were the success they usually are.

Doubtless more detailed reports will be given from time to time during this meeting as Mr. Claire Allen will have time to get things in shape before the meeting is over as he has just finished the Royal Winter Fair.

We can say, however, that a much keener interest is being taken in the showing of honey at all of the many small fairs in Ontario.

Most organized effort, however, is concentrated on the two big ones for which the Canadian Beekeepers' Council has voted \$1,000.00 for special advertising which sum supplements the money and efforts of the O.B.A. and the Co-operative.

The province of Quebec reports very little change in the exhibition of honey over past years although Mr. Deschenes reports some interest in small local fairs.

W. H. TURNBULL

## *Express Rates Committee*

Council's desire for lower express rates on package bees was conveyed to the American Beekeepers' Federation and the California Beekeepers' Association.

A short brief supporting lower rates for package bees was sent to the American Express Company and the Interstate Commerce Commission at Washington.

Council was invited to make a presentation before the Commission in Washington but this proved impractical.

However, as a result of the submissions from various agencies and the trucking of bees by beekeepers and others from the north, the American Express Companies announced a new zoning of shipping points, which had the effect of reducing the express on bees from most points in California by about one-third. This became effective late in the shipping season last spring.

Your committee feels there is little more that it can accomplish and recommends the discharge of the committee.

R. M. PUGH  
W. G. LeMAISTRE

## *Grading Committee*

### **Recommendations:**

1. That a letter be sent to the War Production Board suggesting that a pasteurized, regranulated honey would be superior to a liquid honey for army rations.
2. That the container sizes be left open up to and including six ounces in honey grading regulations.
3. That a sixty-five pound size be included in the honey regulations.
4. That Mr. Armstrong send letter to registered shippers explaining tank lot requirements from producers and others for ease of certification for export and interprovincial trade.
5. That a letter be sent to Mr. Pearsall suggesting that the Federal Inspectors include honey on their regular inspections of farm products in wholesale and retail stores where this is not now being done and that the provinces bend every effort to educate beekeepers to grade and mark their product at the source.

WHEREAS Council believe great improvement can be made in securing better honey grading and marking by acquainting the beekeepers with the grading regulations and,

WHEREAS this appears primarily to be the responsibility of the provinces which have close direct contact with the Beekeeper, and

WHEREAS the direct inspection of honey in wholesale outlets can be most satisfactorily done by the Dominion Service,

WHEREAS it is highly desirable to have a uniform standard of grading in all provinces throughout the Dominion,

THEREFORE BE IT RESOLVED that the Director of Marketing Service of the Dominion Department of Agriculture be requested to include the inspection of honey in the regular inspection visits of his staff.

Allen, Coulthard

## *Marketing Legislation Committee*

### **British Columbia:—**

Grading Regulations were passed by Order-in-Council and came into force August 3rd, 1951. This is most certainly a step forward and we feel that in the future we shall be ready to bring in Marketing legislation that will work with the Plans adopted by other Provinces whenever it is deemed advisable by our beekeepers and our Department of Agriculture.

### **Alberta:—**

Legislation is under consideration in this Province. A marketing scheme for poultry producers has been drafted and presented to the Government for consideration. This scheme was strongly supported by a submission from the Alberta Federation of Agriculture.

The Alberta Beekeepers' Association was represented at the Federation of Agriculture meeting in 1950 when the decision was taken to ask the

(Appendix No. 9: Marketing Legislation Committee Continued)

Provincial Government for powers to operate plans under the natural Products Marketing Act.

No marketing plans will be considered by the Provincial Government until a decision has been reached regarding the fate of the Poultry Producers' Plan.

No time is given when such a decision may be expected.

**Saskatchewan:—**

The Saskatchewan Honey Plan has been simplified by eliminating control on honey coming into the Province and order No. 3 has set the minimum price that the producer will receive from the wholesaler or the retailer.

**Manitoba:—**

Marketing legislation under the Natural Products Marketing Act has been on the Statute books since 1934. It was revised again in 1940 and two members of the original marketing board are still acting.

The Legislation has never been used by any group of Producers. However, the Act was carefully examined by the legal advisor to the C.F.A. as were Acts from other Canadian Provinces.

The Act was found to be fairly complete and adequate to give the necessary powers to any group of producers, except that it does not contain a pooling principle clause. The right to pool is implied in the Act but not definitely stated.

Following a number of meetings with the Minister by members of the Beekeepers' Association, Poultry Producers and the Manitoba Federation of Agriculture and Co-operation, we now feel that certain provisions in the Act have been clarified and the Minister is prepared to submit an amendment to the Act to include a clause referring directly to the pooling principle.

The Act does not include a right to levy on containers for honey packing and it is somewhat doubtful if we could get such powers brought into the Act. The matter has been discussed with the Attorney General's Department and the first report is that a compulsory levy on honey containers is not within the jurisdiction of the Provincial Government.

Grading regulations are now being enforced as a joint arrangement has been worked out between the Provincial and Dominion Governments whereby dairy products, poultry products and honey are now being inspected by the same staff. City stores are being covered monthly and country retail stores two or three times a year, and any honey found to be improperly marked has been put under detention until properly marked.

The Manitoba Beekeepers' Annual Convention approved a plan to set up a Producers' Marketing Board to regulate the marketing of honey and instructed the Board of Directors to take the necessary steps to put the plan into effect as soon as possible.

The Plan has been submitted to the Provincial Marketing Board and has been tentatively approved in principle. Final details have yet to be worked out. No date for a vote for the beekeepers effected by the plan has yet been set and the Minister has not indicated what percentage of affirmative votes will be required to carry the plebiscite.

**Ontario:—**

Grading regulations are now in effect and Mr. Herman Tiesson has been appointed Provincial Honey Inspector.

A marketing scheme has been passed by the beekeepers and a Board set up.

Several meetings were held and after considerable exploratory work it was decided to leave the scheme in abeyance because of the fact that provision was made only for sales to the wholesalers and chain stores with more than five outlets which left the producer open to sell to stores with less than five outlets uncontrolled.

**Quebec:—**

No marketing legislation is in force and none is contemplated.

C. C. HEIGHWAY.

## ***Council Publicity Committee***

For British Columbia:—

For the first time in the history of the Council we feel that we can report that there are practically no beekeepers in the honey producing areas of the Province who are not more or less familiar with the name and work of the Canadian Beekeepers' Council as it affects honey production in all its phases.

We have 15 Divisions of the B.C. Honey Producers' Association situated in different parts of our province and we have it so arranged that a member of Council or his representative is present at each Annual Meeting and at most of the Summer Field Days and demonstrations, and the work and policies of the Council are fully explained.

Forty five Field Days were held during the past year.

The Department of Agriculture conducts a series of Short Courses in conjunction with our High Schools and our instructors here again explain the working of Council. In addition to this an annual Short Course is held by the Greater Vancouver Division of the B.C.H.P. Ass'n. in conjunction with the Extension Department of the University of British Columbia. This extends over 16 weeks in the late fall and early winter. Every speaker at these Short Courses makes it a habit of advertising the work of our group in relation to beekeeping as a Canadian Industry.

We were able also to have our Department of Agriculture bring out a film on Beekeeping in which the work of Council on Exhibition Advertising is shown and a copy is available to all Service Clubs in B.C. for luncheon meetings, etc. This has proven to be a real source of advertising both for the sale of honey and to show the work that Council is doing in promoting honey advertising.

Council News is distributed to 800 of the more prominent beekeepers in the Province as well as to practically all Farm papers.

The use of the Farm Broadcast from C.B.C. Vancouver has been of real value in advertising various meetings, and the fact that they are sponsored by the Canadian Beekeepers' Council is always given prominence on the Broadcast.

We were also able to use our Fall Fairs and Exhibitions to full advantage in the advertising of Council as we staged a real Advertising Exhibit at the Pacific National Exhibition held in Vancouver and it was taken down and used again at the Interior Exhibition at Armstrong as well as at the Fall Fair at Salmon Arm. The Exhibit was staged altogether by the Council and financed by us with the sum of \$500.00 allotted for this purpose.

One sign on the back of the Exhibit 3'x12' with the words "Exhibited by Canadian Beekeepers' Council" formed the top of the back of the Display and there is no doubt that this was read by well over 500,000 people in the 3 weeks it was used.

A photograph of the Display has been published in several Farm Papers and the Display was commented on by our two leading Dailies in Vancouver, the Vancouver Daily Province and the Vancouver Sun, with a combined circulation of 210,000 daily. In these reports the Council was given full credit.

Much minor advertising was given Council but the foregoing covers the main points of our campaign to make the public as a whole acquainted with our group as a medium of popularizing the use of Canadian Honey.

Alberta reports:—

That in order to acquaint Alberta Beekeepers with Council and its work that a copy of "Council News" was distributed to all Beekeepers in the Province. A full report of the working of Council was given at all Beekeepers' Conventions.

Council representatives are always elected at the Annual Meeting of the Alberta Beekeepers' Association.

The names and addresses of all members of Council from Alberta are printed on all programs of every Convention.

Much work is also done by the Provincial Apiarist and his staff in outlining the work and the aims of our group to all Alberta Beekeepers.

At the exhibit of Honey in Edmonton the name of Council was very prominently displayed together with information as to its work.

Saskatchewan reports:—

"We were able to further Council Publicity to the registered beekeepers in two of the four News Letters sent out: one in the spring which was accompanied by the Council News dated March 5th and in a recent news letter explaining Council Activities in relieving honey surpluses. Another letter in December is planning to carry a report from Council and a copy of the Council News if it is available.

"Radio interviews and ordinary correspondence have mentioned Council activities from time to time"

Manitoba reports:—

Mr. D. F. Robertson was appointed Provincial Apiarist this past Spring and a large number of courses were held in order to get him acquainted with beekeepers all over the Province. Frank Garland and several

(Appendix No. 10: Council Publicity Committee Continued)

of the Directors of the Association took part in these meetings and the importance of the Council was stressed at each meeting as well as reports of our activities being given.

The work of Frank Williams of the Western Canada Beekeeper has been of real value to western beekeepers as he has continually advertised the work of Council for the benefit of the Industry.

The Provincial Apiarist and the Manitoba Honey Producers Co-operative have continuously referred to Council and its work in news-letters and circulars to beekeepers.

Each issue of Council News has been well circulated among members of Beekeepers' Associations and members of the Co-operative.

Council was also given a very prominent place in the setting up of Displays at several local Agricultural Fairs and at the Provincial Horticultural and Honey Show.

Ontario reports:—

"The most direct work that has been carried on here amongst the beekeepers is the mailing of Council News letters to the different beekeepers of the Province. There have been between 15 and 20 regional beekeepers' meetings throughout the Province this year and at practically every one of these some discussions arose concerning the Canadian Beekeepers' Council and full explanation was given by different speakers to all interested.

"A full report of the Annual Convention was given at the Annual Meeting of the Ontario Co-operative and Council was well advertised at the Honey Booth at both the C.N.E. and the Royal Winter Fair.

"Council was also advertised at the different County and other local Fairs."

Quebec reports:—

Publicity for Council was given at every opportunity by the Provincial Apiarist and the Assistant Provincial Apiarist on all lectures, Radio Broadcasts and Field Days held during the year in this Province.

No publicity work advertising Council or its activities has been carried on in the Maritime Provinces of New Brunswick, Nova Scotia, Prince Edward Island or Newfoundland and in the first mentioned three there are at least a thousand Beekeepers who we feel would be interested in knowing something of the work of the Canadian Beekeepers' Council. This is more particularly so now in view of the publicity given the "All Canadian" Display put on in Vancouver at the Pacific National Exhibition in which the Maritime provinces mentioned shared and of which the beekeepers in the east have been advised by photograph sent to them by our Publicity Committee.

We would recommend that consideration be given to some kind of a publicity campaign being carried on in the Maritime Provinces and that every effort be put forward to keep Council and its activities before the people in the rest of Canada.

W. F. Turnbull

Appendix No. 11

## *Honey Competitions Committee*

### **British Columbia:—**

While the number of individual exhibitions was lower at the Pacific National Exhibition held in Vancouver towards the close of August, the quantity of honey shown was fully 40% greater. Fifteen competing classes were well staged and attracted keen interest. Honey was prominently displayed at large exhibitions at Armstrong and Chilliwack; one interesting feature of the exhibit at Armstrong was a display of honey which included showings from every province in Canada, as well as the Yukon, from the farthest north apiary in America.

The local fairs—numbering upwards of fifty and including the Peace River area—without exception, included honey showings.

Through grants-in-aid the Beekeepers' Council contributed to all the large regional fairs, as well as at Salmon Arm, a rapidly growing exhibition centre.

A general feeling of enthusiasm prevails in British Columbia and plans are under way already for bigger and more extensive publicity efforts for 1952.

### **Alberta:—**

Steady progress is being maintained in Alberta. The Provincial Exhibition at Edmonton stages an increasing number of exhibits annually. This is put up in an attractive manner and it attracts favorably comments by visitors. The Edmonton and District Beekeepers' Association put on a competition of their own, later in the year when an excellent display is shown.

### **Saskatchewan:—**

It is quite evident that honey publicity is well organized in Saskatchewan. Out of a list of some 60 local fairs over 50% show honey as part of their regular exhibits. Regional fairs are held at Prince Albert, Saskatoon, Regina and Weyburn and special efforts are made to build up honey displays and

(Appendix No. 11: Honey Competitions Committee Continued)

competitions at these. Finally comes a Provincial Honey Show which was held at Moose Jaw towards the close of August.

The Department of Agriculture supports the publicity efforts of the honey industry through supervising the collection of exhibits and assuming the shipping costs of exhibits to the Royal Winter Fair. Your committee notes that the Saskatchewan picture is an especially good one and merits special mention.

**Manitoba:—**

The Manitoba Beekeepers Association sponsored a Provincial honey show and competition in August at Winnipeg. This was an excellent show and incidentally is an additional effort, compared with prior years, to direct increased publicity on honey. Like the Maritime Beekeepers' Association they merit special mention for the new effort. The largest show in Manitoba is the Provincial Fair at Brandon, when their own exhibits and honey got good publicity.

**Ontario:—**

A better than average quality of honey in this province has added considerable interest to exhibiting in local fairs, also in the larger regional fairs at Ottawa, Peterboro and London. Good displays were staged at all of these—good in the sense that a larger number of exhibits were shown but also good from the standpoint of nice arrangement of display—the showing at Peterboro was especially attractive..

At the Canadian National, Honey Exhibits were well to the fore and entries were up to the standard of previous years. At the Royal Winter Fair the entries in all classes were large and varied and competitions keen. The attendance at these two Canada-wide fairs is always large, they are in fact truly national fairs—exhibits are always neatly arranged and well displayed to the many thousands of visitors.

An estimate of prize money disbursements in Ontario might reasonably be placed at about \$1000 annually.

**Quebec:—**

A new plan to encourage and develop increased interest in honey publicity work has recently been inaugurated. The working out of the plan is based on developing the best from the local honey exhibits throughout the province and bringing them together at the Provincial Exhibition at Quebec held annually early in September. The winning exhibits are assembled in a special class under the title of "Grand Provincial Championship".

The winner is proclaimed "**Honey King**" of the year and receives a silver cup offered by the Minister of Trade and Commerce, as well as a substantial cash reward. Substantial cash prizes also go to the second and third competitors. The plan inaugurated this year brought out a worthwhile number of select exhibits—undoubtedly a larger number of competitors will be forthcoming, as the idea gets better known among Quebec Beekeepers. Apart from the Provincial Exhibition, there are large regional fairs at Three Rivers and Sherbrooke where honey exhibits are featured. County fairs include exhibits of honey which vary according to the honey crop—owing to the excellent quality of the 1951 crop exhibits were more numerous and of better than average quality. An estimate of the amount of prize money offered might very likely aggregate \$800—\$1,000 for Quebec province as a whole.

**New Brunswick:—**

The Department of Agriculture promotes honey competitions with two specific purposes in view—educational from the standpoint of advising and demonstrating to Beekeepers how to produce better quality honey and publicity to bring before the consuming public the special merits of honey as a food. The matter of improvement in product is always on the programme of their Annual Beekeepers' Field Day. Exhibits of honey are encouraged at all local fairs.

**Prince Edward Island:—**

For the first time in several years an organized effort under the direction of the Maritime Beekeepers Association was made in staging exhibits of honey. A well displayed exhibit was staged at the Amherst Winter Fair. Prize money aggregating \$101 was offered. Judging of honey was according to scale of points set up by Canadian Beekeepers' Council. The fact that a planned effort was made was worthy and a distinct advance over anything of this nature in recent years. They are to be commended for this advance step in publicizing honey.

**Nova Scotia:—**

This province gives good evidence of progress. The Maritime Beekeepers participated in a special honey booth at the Winter Fair at Amherst early in November and thirty-five entries were shown. An important point here is the fact that this was the first honey show since the beginning of World War II and the general feeling was that a distinct advance had been made and the show was a success. An effort is being made to put on honey exhibits at every county fair and to feature educational displays.

Altogether the story from Nova Scotia presents a fresh and encouraging



(Appendix No. 11: Honey Competitions Committee Continued)

outlook and a much keener interest in honey publicity.

In compiling this report certain facts emerge. It is obvious that the scale of points set up by Council for judging honey in 1949 have come into general use and are quite generally referred to right across Canada for judging honey exhibits.

In view of exhibition experience it is now recommended the scale of points as set in 1949 be interpreted to mean that color classified as extra white or lighter be awarded full points. This applies to liquid honey.

In several provinces movements are under way to focus sharper attention on honey, by developing the best exhibits at the level of the local fairs and upwards, and eventually to bring together at the largest provincial exhibition and give well deserved publicity to the best producers.

Your committee recommends that a commercial class be added and included in all exhibits, this commercial class to show the style of pack-in which honey passes through the hands of the trade and to consist of one commercial case to show markings as to class and grade in conformity with existing regulations.

In view of the fact that the work of the Honey Exhibitions Committee and Honey Competitions Committee overlap it is suggested they be merged into one to avoid duplication.

On this All-Canadian outlook your Committee has no hesitation in saying that the general interest of Beekeepers, both individually and as a whole, is much the best of anything we have had to record so far. Undoubtedly the word "Honey" and actual examples of such are being put before the public in a more vigorous and attractive manner than ever before. The move is underway—let's all try to increase the momentum!

Honey Competition Committee,  
HARRY W. JONES. Chairman.

Appendix No. 12

## *Export Committee Report*

Since the last Annual Meeting of the Council, we have to report very little progress in the export of honey. Export of honey is roughly broken into three groups — exports to United Kingdom, exports to Western Europe and exports to the United States and West Indies.

### **United Kingdom:**

No honey was exported to the United Kingdom from Canada, although early in January of this year, some of us were astounded to learn that various retail merchants in the United Kingdom were displaying and offering for sale fresh-packed Canadian Honey. On taking this matter up with the Foreign Trade Service, the Department of Trade and Commerce in Ottawa, they were able through their Agricultural Representative in Canada House, London, to find out what was actually happening. It was true, Canadian Honey was being offered in 1 lb. jars quite freely through many retail organizations but it was found that this honey was packed from stock that had been stored in two widely separated warehouses, one in London, and one in Manchester and was stored in the rubble until this could be cleared away. The surprising thing about it was, that from the reports we received, the honey was in excellent condition. Some of you may have read, no doubt with interest, stories of this in the Bee Journal.

Several letters have been exchanged with Importers in the United Kingdom on various occasions during the past twelve months, but owing to the austerity programme, which in reality means shortage of dollars, nothing could be done. The incentive to buy is just as great as ever and we did have one or two slight rays of sunshine, which raised our hopes, but was still of no avail.

The first indication that business might be done with the U.K., was in the late Spring or early summer, when a shortage of Australian honey developed, and we quote from a letter received from one of the largest importing concerns in the U.K. as follows:

"Over the last few months the demand has been very strong and in consequence the heavy stocks in the U.K. rapidly became depleted and coupled with the fact that Australia had very little to export due to a poor crop last season, prices rose considerably from 70/-per cwt. for best quality Light Amber and 65/-per cwt. ex-store for Medium quality, to today's prices of 90/- and 85/- respectively.

Stocks at the moment are very limited indeed but at this time of the year the trade is naturally quiet, therefore the shortage has so far not had any serious effect.

In view of the fact that Australian Honey was getting so short, representation was made by a certain section of the Trade to the Ministry of

(Appendix No. 12: Export Committee Report Continued)

Food to allow the importation of honey from dollar areas.

The Ministry of Food took this up with the Australian Government to find out if there would be an actual shortage during the peak buying period, which is from September onwards, until the new Australian crop arrives in February or March next year. From information obtained from the Department of Commerce in Australia it was revealed that Australia would have approximately 2,000 to 3,000 tons to ship, but the chief hold-up in shipping was due to the difficulty in obtaining the necessary containers for packing. We understand that the supply position has much improved and shipments will be coming forward to the U.K. In view of this the Ministry of Food decided not to sanction the importation from dollar countries for the time being.

There has been a further complication in regard to this position, as under the new Trade Agreement between Australia and Germany, 350,000 dollars was made available to Germany for the purchase of Australian Honey. In view of the fact, however, that supplies were so limited in Australia, and the assurance given to the Ministry of Food that sufficient honey would be available from Australia to meet the U.K. demand, Australia House was not disposed to make available the full allocation, and at the moment negotiations, in which we have been involved are proceeding, which in all probability will result in a proportion of it being released with the position to be reviewed periodically.

We are led to believe, however, that there is more honey available in Australia than the quantity advised by the Department of Commerce, and that if the full allocation of dollars was made available, there will still be sufficient honey available for the U.K. market until the new crop arrives.

With regard to shipments of new crop, we understand this year has been just a normal one, therefore exports will not be unduly heavy.

Turning to the Jar honey trade in this country prices were advanced a short time ago, due to the increase of bulk, and the present price structure is:—

Packer to Wholesaler .....	17½ per doz. del.
Wholesaler to Retailer .....	19½ per doz. del.
Retail Selling Price .....	1 11½ & 2 -per lb. jar.

If present bulk prices are maintained it is more than probable that Packers will agitate for the selling price to be increased still further. English honey is selling between 2½d and 3½d per lb.

Argentine Honey is coming into this country in fair quantities, at prices lower than Australian, being offered at 76½-per cwt. CIF, which, of course, bears an extra 5½-per cwt. duty. Chilean in small quantities is being quoted at 82½-per cwt. CIF, and Jamaican at 100½-. Supplies of Jamaican are, however, very limited.

With our very close contacts with the bulk and bottled trades, we can assure you that Canadian honey, even though it has not been shipped to this country since before the war, is still well remembered, and we are repeatedly asked if there is any possibility of supplies becoming available in the near future. If conditions do make it possible for your honey to be shipped here again, we are certain that it will meet with a ready demand.

The following figures may be of interest to you in regard to imports of honey into the U.K.

Total received from all sources for 6 months ending 30th June, 2,532 tons of which 1,046 tons came from Australia, as against for the same period 1950, 5,019 tons. Total imports into U.K. for 1950 - 7,170, which included 5,589 tons from Australia.

The second ray of sunshine developed about the first of November, shortly after the Atlee Government announced an election. Letters were received from various Importing concerns. One in particular stood out and we quote from this letter as follows:

"The object of this letter is, therefore, to establish contact with you and to ascertain whether you are in a position under normal trading conditions to make offers of bulk honey and also comb honey.

"Naturally, as you are well aware, there is absolutely nothing we can do in the way of business, owing to the dollar situation. We do, however, feel that this situation may quite easily alter should we have a definite change of Government in this country, and this we are hoping for at the next General Election, which takes place in October."

It is almost unnecessary to make any further comment, because while the Government changed, it now appears from the Press at least, the new Conservative Government under Mr. Churchill is creating a greater austerity programme than the former Labor Government, headed by Mr. Attlee.

During the past several months, correspondence has been carried on with Mr. G. R. Patterson, Dept. of Trade and Commerce and one of his assistants, Mr. W. K. Melvin, with regard to Agricultural Export Trade. At the present time these gentlemen are working through Mr. Marshall to the Dept. of Trade and Commerce in Canada House, London, with a view

(Appendix No. 12: Export Committee Report Continued)

to furthering any possibility of doing business with the U.K. We quote from letter dated November 13, 1951, from Mr. Marshall, Canada House, London.

Subject: Honey:—

1. The British official statistics for honey imports do not specify countries of origin, but I am informed by the Honey Importers and Packers Association that the principal sources since the war are Australia, Jamaica, Argentina, Chile and the British West Indies. Supplies from Australia have been up to 220,000 long cwts. a year at 72½d - 80½d-per long cwt. (112 lbs. net landed weight c.i.f.). The quality is described as generally useful, but liquid, and not up to the standard of Canadian No. 1 White Clover.

2. Argentina is next in importance, with shipments of 40,000 long cwts. per annum at 70½d - to 75½d-per long cwt., plus 5½d-per cwt. import duty. Quality is quite good but lacks fineness of flavour of the Canadian.

3. Jamaica is sending about 10-12,000 long cwts. a year at about 72½d-80½d-per long cwt. The qualities range from manufacturing grades to the best which equal the finest Canadian.

4. Chilean honey is coming in at the rate of 4,000 long cwts. a year, at 70½d-per long cwt. plus duty. The quality is more suitable for manufacturing and has a strong flavor. About 400 long cwts. are imported from other British West Indian Islands, at 70½d-per long cwt. being mainly of manufacturing grades.

5. Licenses are not required to import from Commonwealth countries, but Chile and Argentina are subject to import control. Licenses for Argentina have been suspended for currency reasons.

6. To facilitate comparison a table of prices in Canadian funds (\$2.93 to the pound) is set out as follows:—

Price per lb. C.I.F. Net Landed			
Australia .....	9½c - 10½c		
Argentina .....	9c - 9¾c	(plus ½c per lb. import duty)	
Jamaica .....	9½c - 10½c		
Chile .....	9c	(plus import duty)	
Other B.W.I. Islands .....	9c		
Pre and post-war imports into the United Kingdom were in long cwts.			
1937 .....	90,000	1948 .....	136,000
1938 .....	102,000	1949 .....	340,000
1939 .....	61,000	1950 .....	143,000

During the pre-war years Canada supplied about 30.4% of the total annual imports, New Zealand 16.8%, U.S.A. 8.3% and Australia 6.5%.

7. I have made no approach to the Ministry of Food as yet. There was little use in doing so after the election was announced, as they were sitting pat until after the 25th, October. I do not feel we should approach them now until they have completed their investigations and study in this country's food position. Any approach at this moment is foredoomed to failure. Unless the exchange position improves considerably, I see little hope of our finding a market for honey here. At 15½c f.o.b. it would be an extreme luxury, especially so when supplies are obtainable from sterling and non-E. P. U. sources."

Exports to Western Europe:—

During the past twelve months, a few shipments have been made to Western Europe from Canada, mostly to Belgium and Holland. Shipments have been of no great size and widely separated so far as continuity of the time is concerned. It was again the old question of a subsidy from the U.S. Department of Agriculture of 4½c per lb. on U.S. honey going out of the country.

For some unexplainable reason, though, during the past month or six weeks more and more enquiries have been coming through from Western Europe and considerable business could be done if the right type of honey was available. Nearly all these enquiries of course are for Golden, Light Amber, and Dark honey. Apparently there is a shortage of these types of honey and particularly so in the U.S. It is possible that some business will be done on these types of honies, provided sufficient honey can be made available. Still more recently enquiries have been coming through from Western Europe for White honey and while these prices presently being offered are not very attractive, it is just possible that some business may be done in White Honey. In fact, we know of one exporter in Canada who is presently making a shipment to the extent of about 45 ton. Just what this will develop into eventually, will depend largely on the amount of dollars that will be made available.

Exports to the United States and West Indies:—

As nearly as we can ascertain during the past twelve months, something over 300,000 lbs. of honey has been exported to the United States. Most of this developed in the spring or early summer, and all of it was confined to the colored honies. During the past few weeks there have been several enquiries received by several exporters from U.S. interests, regarding further stocks of colored honey, and also some enquiries on White Honey. It is difficult to hazard a guess as to what is behind these enquiries coming from the U.S. Are they becoming short on honey, or have they oversold on their exports? However, it is difficult to know the real reason, and we hope that it will develop into something of major proportions.

T. H. Shield, F. R. Garland

## ***Pollination Committee***

We regret that we have very little to report this past season. In British Columbia we have tried on the occasion of every Beekeepers' and Fruit Growers' meeting that we have attended to draw to the attention of the beekeepers, fruit growers and seed growers the importance of bees as pollinating agents and the fact that honey bees are the only known source of controlled pollination.

We have been able to get the Department of Agriculture to bring out a film stressing the use and value of bees for this purpose.

The film, "The Beneficial Bee" has been released in 1951 and has shown very extensively over the province and we think it will help to a great extent to bring to farmers and horticulturists the knowledge that bees are of untold value to every branch of the farming industry, by showing the farmer that sufficient pollination properly controlled will add, to a material extent, to their income by insuring them more and better fruit and a better "set" in all their seed crops.

That this is being recognized is shown by the demand for more bees for orchard pollination as well as the demand by seed growers for bees to be placed in close proximity to their Clover and Vegetable Seed Crops. In fact it is a well established fact that many orcharists as well as seed growers are now paying a substantial rental for apiaries, in many cases from \$3.50 to \$6.00 per colony.

The Prairie Provinces report that the value of bees for controlled pollination is at last being recognized by the farmer, and the fact that some farmers are now offering beekeepers locations free of charge for rental of locations, seems proof that the work of beekeepers' associations in these provinces is beginning to bear fruit.

At every beekeepers meeting and at every meeting of farmers that our people attend the value of bees for this purpose is being made known and wherever it is possible to get publicity in farm papers, the value of the honey bee as a pollinizing agent is being brought to the attention of the reading public.

Government Agriculturists and Horticulturists are being kept informed with all the latest reports of Pollination tests in the various colleges and in turn are spreading the gospel of Controlled Pollination at all their meetings and in many cases in the Farm Bulletins issued to their farmers from time to time in season.

From information at hand it seems that pollination information of a like nature is being spread through the farming districts of the older provinces of Ontario and Quebec and it would seem that farmers in these provinces are becoming more conscious of the value of honey bees in close proximity of their various crops.

A very valuable article on Improved Pollination Methods and their Value in the Increase of Seed and Fruit Crops, written by Professor G. Townsend, O.A.C. Guelph, Ontario was published in the "Council News", copies of which were sent to every beekeeper in the major honey producing areas of Canada.

Much good work has been done but so much more can be accomplished by beekeepers being pollination conscious themselves and by advertising their knowledge to their neighbors that it seems we are just beginning.

W. H. TURNBULL.

## ***Research Committee Report***

### **Purpose of this report:—**

1. To report on the progress made on subjects on which work was requested at previous meetings of the Council.
2. To receive and recommend projects for future work.
3. To assist in giving publicity to results of research work done.
4. To make information on research, conducted elsewhere, available in Canada.
5. To express the appreciation that Beekeepers and Council feel towards those agencies that have furthered knowledge during the past year.

### **BREEDING—**

1. The following have undertaken breeding programmes — Apiculture Dept. O.A.C.; Bee Division, Ottawa.
2. Development of lines or pure strains in Canada has so far proved unprofitable. This process requires expensive and elaborate facilities. Work of this kind going forward in the U.S. Progress in Canada is being made on producing and testing hybrids.

(Appendix No. 14: Research Committee Report Continued)

**DISEASES—**

**(1) A.F.B. —**

**(a) Chemotherapeutic Control:—**

Reference:— Report by Katz Nelson and Jamieson in Scientific Agriculture (Not yet published). Sulphadiazine is preferred over other drugs because it is less toxic to animal life than sulphathiazol.

**(b) Sanitation:—**

Projects on methods of sterilization have been outlined at Bee Division, Ottawa.

**(2) E.F.B. —**

**(a) Chemotherapeutic Control:—**

Reference:— Report by Katz Nelson, Arnott and Bland in Scientific Agriculture (NYP). Streptomycin, Terramycin and Aureomycin all gave promising results. None of these drugs are yet to be recommended.

**(3) SACBROOD —**

**Chemotherapeutic Control:—**

Chlormycetin received further testing at Bee Division, Ottawa.

**(4) NOSEMA —**

**Chemotherapeutic Control:—**

Reference:— Report by Katz Nelson and Jamieson in Science (NYP). Fumagilin gave control in laboratory.

**(5) Brood Disease Reported In Alberta —**

Problem not solved - assumed to be E.F.B.

**POLLINATION—**

**1. Fruits:—**

Extensive study being conducted. Reference:— Tree Fruit Pollination - Committee Report O.A.C.

**2. Legumes:—**

**(a) Red Clover —** Reference:— Report by McVicar, Brown, Gibson, Jamieson Scientific Agriculture (NYP). Also Fourth Annual Report of Ontario Legume Research Committee.

**(b) Alsike Clover —** Reference:— Fourth Annual Report Ontario Legume Research Committee; 1950 Annual Report Experimental Station, Prince George, B.C.

**(c) Sweet Clover —** Reference:— Annual Report Provincial Apiarist - Saskatchewan 1951 (NYP).

**(d) Alfalfa —** Reference:— Annual Report Dominion Experimental Sub-Station, Regina (NYP); Annual Report Brandon Experimental Farm (NYP); Fourth Annual Report Ontario Legume Research Committee. Also Report of Provincial Apiarist for Alberta 1951 (NYP).

**(e) Ladino —** Reference:— Fourth Annual Report of Ontario Legume Research Committee.

**3. Other Crops:— Sunflowers:—**

Reference:— Annual Reports Brandon Experimental Farm and Manitoba Provincial Apiarist (NYP).

**HONEY—**

**1. Liquid Honey Studies:—**

**(a) Temperature factors** have been determined as fundamental in maintaining honey in liquid form. Reference:— Paper by Austin and Jamieson in Food In Canada (NYP).

**2. Recrystallization of Honey:—**

**(a) Moisture content and Levulose, dextrose, ratio** seem to be determining factors affecting stability of this process. Reference:— Annual Report Bee Division Ottawa (To be published).

**3. Processing Equipment:—**

Equipment being assembled at Bee Division Ottawa.

**4. Work on honey is in progress at Saskatoon under auspices of National Research Council.**

**MANAGEMENT—**

**1. Wintering:—**

Reference:— Annual Reports Experimental Stations, Ste. Anne de la Pocatiere, Kentville, Kapuskasing, Brandon and Ottawa. Tests have set up by Provincial Apiarists in Saskatchewan and Alberta.

**2. Production:—**

**(a) Affects of removal of queens on honey yield in package colonies.**

**(b) Affects of CO<sub>2</sub> on bee behaviour.** Reference:— Annual Report Bee Division Ottawa.

**3. Testing of Colonies Established From Packages:—**

**(a) Importation of Packages at commencement of honey flow.** Reference:— Quebec Assistant Provincial Apiarist.

**(b) Killing injured queens.** Reference:— Bee Division Ottawa.

**(c) Time of stopping brood production.** Reference:— Bee Division, Ottawa.

**NECTAR SECRETION—**

**1. Factors Affecting Nectar Secretion:—**

**(a) Physical factors.**

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(b) Nutritional factors.

Reference:- Shuel, Apiculture Department O.A.C.; Annual Report Forage and Bee Divisions - Experimental Farm, Ottawa.

2. Correlation of nectar secretion and seed production. Reference:- B. Hocking, Department of Entomology, University of Alberta.

**HONEY PLANT STUDIES—**

1. Evergreen Sweet Clover:—

Appears to be of value as commercial honey plant only. Might profitably be used as such particularly on waste lands. Reference:- Apiculture Department O.A.C.

2. Factors Affecting Growth of Common Sweet Clover:—

Reference:- Apiculture Dept. O.A.C. and Ontario Beekeepers' Association.

3. Low Cumarine Content Sweet Clover. Reference:- University of Saskatchewan.

**BEE POISONING—**

1. Insecticides:—

Reference:- Paper by Salkeld in Canadian Entomologist 1951.

2. Herbicides:—

Toxicity of 2-4-D on bees. Reference:- Apiculture Dept. O.A.C. McVicar, Brown, Gibson, Jamieson - Scientific Agriculture (NYP).

**QUEEN BREEDING—**

1. Artificial Insemination:—

A start has been made on two pure lines by mother-son matings of the Italian and Caucasian races. Brother-sister, hybrid of Italian crossed with Caucasian and vice-versa, and other matings were made to retain the original strains. The Roberts-Mackenson equipment was modified and further modification is contemplated as well as a trial of the Laidlaw equipment.

**POLLINATION—**

1. Red Clover:—

(a) Pollinator Activity — Seed yield data revealed that pollinator effectiveness decreased at a point between three-fifths and four-fifths of a mile from the apiary. The same trend was exhibited in 1951. Seed yield varied directly with pollinator activity in 1950.

(b) Competing Crops — Pollen grain counts from trapped samples indicated dispersal of pollen gatherers from the crop to be pollinated to other competing crops. It is noteworthy that pollen gathering activity in red clover was maintained at a high level.

(c) Native Pollinators — Honeybees and bumblebees were present in a ratio of  $12\frac{1}{2}$  to  $1\frac{1}{2}$  on the basis of one colony of honeybees per acre of red clover.

(d) Placement of Colonies — Two years results have demonstrated the necessity of dispersing the colonies around the crop for adequate pollination effectiveness.

(e) Insecticides — Seed yields of red clover were increased by as much as 25% when meadows were sprayed with insecticides to control harmful insects. The most effective control was a spray of DDT at the prebloom stage and a second spray of toxaphene at the full bloom stage. When grasshoppers were controlled with toxaphene seed yields were increased approximately 18%. The insecticides used did not appear to cause abnormal bee pollinator activity.

(f) Nectar Volume and Concentration — The nectar volume was found to be the same throughout the field on any given day, but varied significantly between days, while during the day, the volume was significantly higher in the morning and concentration was higher in the afternoon. Insecticide sprayed plots showed significantly higher nectar concentration than the unsprayed (check) plots, but there was no significant difference in the volume of nectar between these plots.

2. Alfalfa:—

(a) Tripping by Honeybees — Regina: Pollen collectors and nectar trippers were observed on plots, particularly during high temperature periods. Little or no activity occurred while mustard was in full bloom.

(i) Out of 1,700 flowers worked by honeybees  $2\frac{1}{2}\%$  were tripped by them.

(ii) Five per cent of bees observed were pollen gatherers.

(iii) Twenty per cent of nectar gatherers were observed to trip at least one flower while gathering nectar.

Brandon: Observations were made on the foraging behaviour of bees on alfalfa. Out of several thousands of flowers visited less than one-tenth per cent were observed to be tripped by honey bees.

**HONEY—**

1. Liquid Honey Studies:—

(a) Heat Treatments — Heating under controlled conditions has effectively delayed crystal growth in a honey of very high super-

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saturation coefficient. (L/D. 1.02 : 1.00).

The results are tabulated below:

Sample No.	Temp.	Time	Remained Crystal-free
1	160 F	5 min.	5 weeks
2	160 F	15 min.	over 8 months
3	160 F	25 min.	over 8 months
4	160 F	35 min.	over 8 months
5	170 F	5 min.	over 8 months
6	170 F	15 min.	over 8 months
7	170 F	25 min.	over 8 months
8	170 F	35 min.	over 8 months
9	180 F	5 min.	over 8 months
10	180 F	15 min.	over 8 months
11	180 F	25 min.	over 8 months
12	180 F	35 min.	over 8 months

Note-

1. Honey was preheated by holding in oven at 120 F for 16 hours.

2. Each sample exhibited many visible crystals before treatment.

(b) Effect of Low Temperature Storage — A honey was rendered free of visible crystals without destroying the crystal nuclei. Samples were stored at 57 F, 32 F, and 0 F. As soon as the control samples at 57 F began to develop visible crystals, groups of samples were removed from the low temperature storages and were held at 57 F.

Crystals appeared after one month at 57 F but at 32 F no crystals have appeared in samples for over 8 months. Furthermore, samples held at 32 F for 5 months remained crystal-free over 3 months when stored at 57 F.

Low temperature storage appears to inhibit development of crystals but it also has a "latent inhibiting effect" which manifests itself in delaying crystallization after the honey is removed from storage.

2. Recrystallized Honey:—

(a) The factors involved in the texture of recrystallized honey have been examined. Reduction of the moisture content to 17.5 per cent or less and adjustment of the L/D ratio to the lowest possible value gives rise to a honey whose crystal structure will remain stable for a considerable time at room temperature. Moisture variation - 16 to 20 per cent. L/D ratio variation - 1.00 : 1., 1.14 : 1. and 1.28 : 1.

3. Processing Equipment:—

(a) A continuous flow system for processing honey will be installed late this year. Some preliminary work has been done on a design suitable for small honey packers.

## BEE DISEASES—

1. A F B:—

(a) New Inhibitors — Terramycin, Neomycin but **not** aureomycin gave effective inhibition when fed with spore inoculum to colonies.

(b) Stability of Sulfa Drugs in Honey — Sodium Sulfathiazole, sulfathiazole and sulfadiazine, effectively inhibited growth and development of American Foulbrood spores when held in a honey solution for 9 months.

2. Sacbrood:—

Chloromycetin and Terramycin both failed to inhibit Sacbrood disease; although for two successive years this antibiotic (chloromycetin) appeared to be effective.

3. Nosema:—

Fumagillin, one of the newer antibiotics, was found to be effective in inhibiting growth and development of Nosema apis.

This test was conducted under controlled conditions, e.g., workers of the same age held in cages.

Sulfaquinoxaline appeared to be partially effective in earlier tests but a satisfactory solvent (non toxic) for this material is needed.

Further tests with fumagillin and sulfaquinoxaline with colonies are under investigation this fall.

## COLONY MANAGEMENT—

1. Package Colonies:—

Colony Yield as Affected by Removal of Queens, 3 Weeks Before Killing the Bees (Brandon and Charlottetown).

2. Over-Wintered Colonies:—

The Effect of Winter Brood Rearing on the Development of Nosema Disease.

## THE EFFECT OF CO<sub>2</sub> ON THE BEHAVIOUR AND LONGEVITY OF WORKER BEES—

Preliminary investigations on the effect of CO<sub>2</sub> anaesthesia on the behaviour of worker bees was reported from Rothamsted in 1949. Their work showed that anaesthetized bees changed their labour



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habits and felt that CO<sub>2</sub> might have some profound influence on colony behaviour, e.g., control of swarming etc.

1. Effect on Individual Worker Bees:—

During the past summer we investigated this problem on groups of mature bees and bees of different stages of development. A summary of these results is listed below:

Treatment	Per Cent Foraging before 20th day after emergence.
Newly emerged bees .....	52%
Mature Pupae .....	40%
6-day old Pupae .....	19%
Mature Larvae .....	22%
Control .....	18%

2. Effect on Colonies:—

Eleven colonies were exposed to CO<sub>2</sub> for 10 minutes each at intervals of 21 days. Brood development was not affected nor was honey yield with this treatment.

3. Longevity of CO<sub>2</sub> Treated Bees:—

Life span of treated bees reduced approximately 7 days as compared to control bees. Variation in exposure times of from 2 to 20 minutes at increments of 2 minutes were not significant in respect to mortality rate.

**RECOMMENDATIONS**

**BREEDING—**

1. That this Council address a letter to the Minister of Agriculture in Ontario, the Honorable T. L. Kennedy, expressing its appreciation for the work done in connection with improvement of Queens available to the Canadian beekeepers, and pointing out that an effective breeding program is an important factor in the welfare of the beekeeping industry.
2. That this Council address a letter to the Alberta Beekeepers' Association commending their interest in taking steps towards improvement of bees available to its members, and at the same time pointing out the fundamental importance of this work to the industry.

**POLLINATION—**

A committee consisting of S. Hand, G. F. Townsend, C. Ciphery, W. H. Turnbull, and S. Deschenes be appointed to collect information and distribute it to all Provinces on:

1. Types of contracts between Seed Growers, Fruit Growers, and Beekeepers.
2. Results obtained from Grower and Beekeeper co-operation.
3. Recommendations regarding:—
  - (a) Density of Bee Population.
  - (b) Times of colony placement.
  - (c) Types of colonies.
  - (d) Distribution of colonies.
  - (e) Harvesting methods.

**HONEY—**

That the Council address a letter to J. G. Taggart, Deputy Minister, Department of Agriculture, expressing sincere appreciation for the work undertaken on honey under the supervision of Dr. Jamieson, and referring specifically to the progress made on liquid honey studies.

**BEE POISONING—**

That the Council address Science Services, Dominion Department of Agriculture, asking that facilities be made available for the purpose of analytical studies of bees thought to have been poisoned either by insecticides or herbicides. It might be pointed out in such a request, that:

1. The number of samples is not expected to exceed 20 and they would be sent in only by competent observers who would be in a position to know that herbicides or insecticides might reasonably be suspected as the cause of death.
2. Fresh material only would be submitted.

We also recommend that Council express appreciation to Science Services for work done on bee diseases.

**GENERAL—**

The most useful agency for accumulating and abstracting world literature on Apiculture may have to suspend this service until adequate contributions are forthcoming in support of this work. We strongly urge this Council to subscribe to this work the amount of 50 pounds, (\$150.00).

**HONEY USES—**

A sub-committee consisting of Armstrong, Jamieson, Shield and Tiessen be appointed on honey uses. The duties of this committee shall be to:

1. Accumulate information on uses for honey.
2. Keep Council informed on uses for honey.
3. Recommend to Council the exploration of uses for honey.



### *Scholarship Committee*

As reported in Council Minutes in 1950, approximately \$500.00 per year was promised by various Bee Supply Houses, etc., towards establishing a scholarship for higher training of students in Apiculture. Some strings were attached to these promises and it was all contingent on collection of at least \$800.00.

Since the establishing of this committee, the situation has changed. Eight hundred dollars is hardly enough to be too attractive and other and larger sources of income for this purpose are now available to worthy students. It has so far been possible to look after all promising students. As examples, one of the Ontario Agriculture College graduates in Apiculture in 1949 was granted an Ontario Agriculture College assistantship for one year to complete a Master's Degree and on completion an Ontario Research Commission grant was obtained for a two year period to complete a PHD in England. A 1950 graduate in Apiculture was assisted in obtaining a fellowship at Madison, Wisconsin. We are at present looking for a student to take a \$1,000.00 assistantship at Ontario Agriculture College and have advised at least two other United States Universities that we have no one available for fellowships they offer.

It is therefore recommended that this Sub Committee be discharged and that the parties promising monies be thanked for their interest.

G. TOWNSEND.

## **Council Committees - 1952**

### **1. ADVERTISING**

P. Kowalski  
W. H. Turnbull  
R. M. Pugh

J. N. Dymont  
F. R. Garland

### **2. CANADIAN NATIONAL AND ROYAL WINTER FAIR**

J. N. Dymont  
T. H. Shield  
H. C. Allan

### **3. CONSTITUTION AND PROCEDURE**

O. Paradis  
C. Heighway

### **4. EXPORT AND IMPORT**

T. H. Shield  
F. R. Garland  
F. R. Armstrong

### **5. FILM**

S. M. Deschenes  
G. F. Townsend  
W. H. Turnbull

### **6. GRADING**

F. R. Garland  
T. H. Shield  
W. G. le Maistre  
J. H. Arnott

S. Coulthard  
O. Paradis  
F. R. Armstrong  
H. Tiessen

### **7. HONEY COMPETITIONS AND EXHIBITION**

H. Jones  
W. H. Turnbull  
J. N. Dymont  
J. H. Arnott

P. Bishop  
J. W. Edmonds  
S. Coulthard  
S. M. Deschenes

### **8. HONEY USES**

F. R. Armstrong  
C. A. Jamieson

T. H. Shield  
H. Tiessen

### **9. LEVY**

R. M. Pugh  
S. M. Deschenes

J. N. Dymont  
P. Kowalski

### **10. MARKETING LEGISLATION**

C. Heighway  
S. L. Hand  
C. Habing

P. Bishop  
O. Paradis  
H. C. Allan

### **11. POLLINATION**

S. L. Hand  
G. F. Townsend  
C. Ciphrey

W. H. Turnbull  
S. M. Deschenes

### **12. PUBLIC RELATIONS**

W. H. Turnbull  
P. Kowalski  
P. Bishop  
S. M. Deschenes

H. C. Allan  
S. L. Hand  
C. Habing

### **13. RESEARCH**

W. G. le Maistre  
G. F. Townsend  
T. H. Shield

C. A. Jamieson  
H. Katznelson  
J. H. Arnott

### **14. TRANSPORTATION RATES**

R. M. Pugh  
T. H. Shield  
F. R. Garland