

The Bee Cause 54 years



Volume 15, Issue 1

January 9, 2018

*Next meeting 7:30 pm
Tuesday, 9 January
2018 at the Elmwood
Legion 920 Nairn
Ave., Winnipeg*

Speaker:

**Mr. Jay Anderson: retired
Environment Canada
Senior Meteorologist**

[Weather changes and
patterns: how these affect
& impact our lives & our
need to consistently ad-
just, and keeping accurate
records]

Inside this issue:

**Food Requirements of
bee and colony** Pg 1

**RRAA Presidential
report:** Pg 2

**RRAA Minutes of No-
vember Meeting** Pg 3

MBA Report Pg 5

Classifieds Pg 6

Editor's notes

Editors farewell Pg 8

2018 tentative pro Pg 9

RRAA registration Pg 9

Food Requirements of the Honey Bee and Colony

compiled by Ken Rowes

Is there a deficiency occurring in the environment our colonies rely on for growth and development? We rely on strong colonies to produce quality bees, healthy hive environments and abundance of honey. All this requires a balance in their health. "Bee Glue" or propolis which the bees manufacture from the tree bud resin is an anti-bacteria / anti-viral product that provides limited septic properties to the beehive as well as sealer reducing inner wind flux as well as reducing pest entrances. The major balance in health comes from the bee diet. With this understanding the apiculturist can assist a colony towards the best in this balance of health. Honey bees require carbohydrates, proteins, fats, minerals, vitamins, and water for growth, development, maintenance and reproduction. Nectar and honeydew are their chief sources of carbohydrates, pollen furnishes all the other indiscernible constituents.

Adult bees can survive on carbohydrates (honey or sucrose) and water; however, proteins, lipids or fats, minerals, and vitamins are necessary for growth and development of young and in rearing larvae.

So, the dietary protein is from the pollen workers collect and the supplements beekeepers provide. However, some pollens are deficient in certain amino acids which are essential for bees but the bees cannot synthesize them. Thus, a need exists for the variety of essential amino acids (proteins). Especially for the precise quality and specific amino acid composition required for the optimum young adult bees development and of the brood food-producing hypopharyngeal glands of nurse worker bees. If lacking their brood food gland secretions are not adequate to support normal growth and development of larvae and egg production of the queen.

Between the 10th and 13th day post emergence, nursing duties convert to field duties and the requirement for protein diminishes and their chief requirement becomes carbohydrates obtained from nectar and honey.

Still, carbohydrates form a large part of the colony's diet mainly to generate energy for muscu-

lar activity, body heat, and vital functions of certain organs and glands such as in wax production. NB: Adult bees can live on the carbohydrates: glucose, fructose, sucrose, trehalose, maltose, and melezitose. They CANNOT utilize the carbohydrates: galactose, mannose, lactose, raffinose, dextrin, inulin, rhamnose, xylose, or arabinose.

Cane and beet sugars are the suitable substitutes the beekeeper can provide.

Carbohydrates

Carbohydrates are abundant in the natural diet of the honey bee and are used mainly for the production of energy, but may be converted to body fats and stored. Some carbohydrates can be utilized by bees, some cannot, and some are toxic. Adult bees thrive on glucose, fructose, sucrose, trehalose, (cont'd on Pg 7)

2017 Executive

President: Waldemar Damert

Ph. 204-755-2340

Box 15 Grp. 150

Beausejour, MB R0E 0C0

Email: wdamert@yahoo.ca

1st Vice President: John Badiuk

Ph. 204-943-0166

128 Victoria Ave. W.

Winnipeg, MB R2C 1S5

Email: honeyb@mymts.net

2nd Vice President:

Timothy Kennedy

Ph. 204-269-0183

2 Baldry Bay, Winnipeg MB R3T 3C4

timothykennedy@yahoo.com

Secretary: Art Quanbury

Ph 204-489-6994

34 Cordova St.

Winnipeg, MB R3N 0Z9

Email: quanbury@shaw.ca

Treasurer: John Speer

Ph 204-222-3007

Box 16, Group 555, RR 5

Winnipeg, MB R2C 2Z2

Email: jurnss@outlook.com

MBA Delegate: Margaret Smith

Ph 204-254-4509

1051 POrcher Rd

St Andrews, MB R1A 3N4

Email: margshoney@gmail.com

RRAA Web Site Administrator

Duane Versluis

Ph 204-268-4223

Box 12

Tyndall, MB R0E 2B0

Email: rraaweb@gmail.com

Newsletter Editor:

Ph

Presidents Comments

Waldemar has taken a year's leave as president so for the first issue I (x-editor) am inserting an article on swarms.

An old adage:

'A swarm of bees in May, is worth its weight in hay;

A swarm of bees in June, is worth a silver spoon;

A swarm of bees in July, is not worth a fly!'

It is normal for bees to swarm, to propagate or in response to over crowding. Most beekeepers try to avoid this or capture those that do.

Signs of swarming; a fast build up of the colony, queen (peanut-like) cells in great numbers, great number bees out side and around the hive, with a special sound almost a singing as they prepare to leave.

If you are lucky and they settle near by you can give them a hive box with a few old frames near them or manually bring them down. You need to capture the queen or they take off on you.

The public are very helpful in informing someone about a swarm. You need to get the facts correct!

Always try for answers to the following:

- 1 Name, address, and phone number of the person.
- 2 Exact location of the swarm.
- 3 How high are they—is a ladder necessary?
- 4 How big - is it a softball or a basketball?
- 5 How long have they been there?
- 6 Do you have permission to enter the property?

Bumble bees and wasps do not swarm and there nests are different from a bee hive / comb structure.

Traveling to the swarm make sure you have: suit, a spray bottle of sugar syrup, a hive box and frames with some foundation, even your smoker, and a small saw in case you can delimb a branch with the swarm. And don't forget to get permission!

I usually bring along my apiary tool box and lighter/smoker ready to go.

The RRAA has developed a swarm committee so you need to register so as they have your support when needed.

Your name, phone number, and wher you live (which municipality) and most important when you are available i.e. which day of the week and time.

Register at the regular RRAA meeting. —/\/\—

Red River Apiarists' Association Minutes of the Regular Meeting

November 14, 2017

Chairman: Waldemar Damert

Recording Secretary: Art Quanbury

Minutes of Previous Meeting

Motion: That the minutes of the previous meeting on September 12 be accepted.

Moved: Carole Wenaus

Seconded: George Chwist

Carried

Urban Beekeeping

Jim Campbell reported on the latest information related to urban beekeeping in Winnipeg. Details are now in place relating to number of hives, height of fence, distance from property lines, etc. Also, details of how to apply for a city permit and fees (\$150.00). Seems to be some confusion at city hall about the permit process and even the necessary fee. It appears that a title of your property is required but perhaps a tax statement is sufficient.

Treasurer's Report

John Speer was not present but current bank balance is \$489.00 If anyone has not paid their fees they should do so.

President's comments

There is a new product for mite control. It is called Bayvarol and is available in strips. They will be no meeting in December. People need to consider running for office. Elections will take place at the January meeting. Positions that need to be filled are: Newsletter Editor, Secretary and President. A search committee will be formed to contact people about running. Meetings in the New Year will have a new format. From 7:00 to 7:30 will be a time for new members to ask questions about getting started in beekeeping. Regular meeting will begin at 7:30.

Break

A very attractive spread of cold cuts, cheeses and bread and dainties was prepared by John Badiuk and his committee.

Gadget Presentations

Dave Dawson talked about chickling vetch that is favoured by bees and distributed several packages to members. He described a 5 frame nuc box that he uses because it is light and easy to carry around. He uses dummy boards to restrict the size of the box if there are just a few bees. He also uses strips of foam as entrance reducers.

Alex Remkes showed a hive box that he uses for making nucs.

Art Quanbury demonstrated a two person hive lifter for moving hives easily. It is made with lengths of 2x2 lumber.

Waldemar Damert showed a funnel that he uses to add bees to hives or nucs.

There was a question about a facebook page. There has been no action on it. The web site needs to be re-vamped and it is on the executive "to-do" list.

Loonie Draw.

Lots of prizes and activity. \$73.00 raised!

—/\\—

Red River Apiarists' Association Executive Meeting

Peppercorn Restaurant in Oakbank MB.— December 2,
2017

Present at the meeting: Ken Rowes, John Russell (chair), Duane Versluis, Margaret Smith, Art Quanbury (recorder), John Speer, Tim Kennedy, Monica Wiebe
Absent: Waldemar Damert

Election of Officers

John Russell is the nominating committee for new officers.

Individuals are needed to fill the positions of President (one year only), Newsletter Editor, Secretary, 2nd Vice President.

According to our bylaws John Russell will fill the position of president in Waldemar's absence. Monica Wiebe has agreed to fill the position of Secretary and Rebecca, with mentoring, will take over the Newsletter Editor position. She will have the assistance of two other volunteers who have been helping out with the Newsletter. John Russell has contacted a member who is interested in taking the 2nd Vice president position and will follow up on this. The new individuals will be nominated from the floor at the January

meeting in accordance with our bylaws.

Marg reported on the latest MBA meeting. (I did not get many of the details and leave it to Marg to perhaps attach a copy of her report or add more details). Details of honey prices were presented. Current local price is < \$1.75/lb. Canada imports 5.5 million kg of honey annually which is far more than what is exported. There is a concern that if the outcome of NAFTA discussions are not favourable to us the US could dump a large amount of cheaper honey in Canada.

There is a problem that the regulations concerning the inter-province movement of bees cannot be enforced resulting in the migration of pests such as the small hive beetle.

New rules are in place to change the labeling requirements of honey. The amount of sugar does not have to appear on the label. There is a change to the grading of imported honey. Imported honey with Canadian content cannot state "Canada #1 grade"

There are problems identifying the country of origin of honey and this has an impact on the Canadian market.

There is a fund for bee research headed by a committee of which Marg is a member. If RRAA has ideas for research topics they can be passed on to her.

The Manitoba convention is happening in the new year. Presentations include one by an immunologist on bee stings. The trade show will be larger and there will again be a special workshop for new beekeepers.

Changes in drug regulations will prevent individuals from purchasing antimicrobial drugs such as tetra cyclin except through a vet. This may result in individuals stocking up on drugs before the new regulation goes into effect.

There was some suggestion that individuals attending the convention bring a jar of honey that could be showcased in the Trade Show area and later given to a food bank.

Education Committee Report

Tim provide a detailed report of the topics and speakers he has in mind for the next year. A copy of his report will be attached to these minutes when they are available.

Loonie Draw

It was felt that the draw is taking too much time that could be used by the presenters. A suggestion was

made that a smaller number of prizes would be given out each meeting and that they would be displayed ahead of time.

Honoraria for Presenters

It was felt that presenters (especially non-member presenters) receive some form of honoraria. Some suggestions were \$50.00 plus travel expenses and/or a honey basket. A gift certificate to the Bee Maid store was also suggested along with a T-shirt with the RRAA logo on it.

Bee Store News

The store experienced an increase in business 2 years ago but is not expecting a significant increase as a result of the new Winnipeg regulation on beekeeping. The store has set up a lock box arrangement so individuals can order ahead of time and pick up on the weekend when the store is not open.

Membership Fees

A suggestion was made that members who volunteer their time should get a reduction on their fees (\$10.00 rebate). Another suggestion was to raise all fees to \$30.00. It was felt that this could be done next December after a season of improved meeting presentations, etc. Any change in fees would need to be discussed at an annual meeting. The past year was exceptional financially because considerable expense went into setting up the club bee yards.

Bee Yard Update

We currently have 8 colonies at the yard in Stonewall. There is still an expectation that we will be able to have some colonies in Assiniboine Park but that is not finalized yet.

Presentation Equipment

A projection screen is needed for any visual presentations that may be made. We already have a projector and Tim should coordinate its use with Duane when it is needed by a presenter. A small PA system would also be beneficial. Duane will check into prices of them.

Newsletter Issues

A special thanks was give to Ken for the work he has put into producing a high quality Newsletter. There was a discussion of whether to continue using the Publisher software or to switch to Word. It was felt that the decision should be left to the new editor who might have a preference for one over the other. Monica agreed to help transfer the existing template from

Publisher to Word if necessary.

Treasurer

John asked everyone to submit any outstanding expenses so he can write cheques before year end. Ken was requested to ask Veronica to contact John Russell concerning the sale of club honey.

Adjournment

The meeting adjourned at 11:00 am.

—/\\—

MBA Report

By Margaret Smith

From November 29 and December 15th meetings of the MBA Exec.

- Those wishing to know about the honey pricing internationally, go to the CHC website
- There will be a new Treasurer for the MBA soon, Stacy—Young will take over in January, 2018.
- Apimondia, the International Agricultural Congress, will be held in Montreal, September 8-12, 2019 – good scientific speakers!
- Regarding Front of Label packaging: sugar content will NOT apply to honey, just as it does not apply to sugar. However, for honey that is IMPORTED, the use of Canada #1, will not be permitted. **Product of Canada will continue to be mandatory for domestic honey.**
- CHC meetings in the future: ON November 2018 in London Ontario.

2019 – Manitoba February looking to be joint with CAPA (IDEA for RRAA: instead of having the Honey Show idea during THIS upcoming convention: perhaps leave this idea (see below under convention) until the CHC/CAPA meeting in February 2019, when we could have even more samples brought in to display.

- **Question raised:** What if NAFTA is turned down/ They (USA) would have a case re: our pricing – we could be accused of dumping.
- Lloyd Harris joined our meeting for a presentation on his proposed research.

Convention Update: February 16 – 17, 2018 @ Hilton

- 2 speakers: Steve Parnel and Jim Nazkuzi
- Immunologist re. bee stings
- **Trade show: If RRAA wanted to buy a table, we could do our idea of having the attendees bring jars of honey for display. We would need to have a coordinator, and equipment to set up for this, decide who would receive the jars and display, take the display down, package the bottles up and take it all to Winnipeg Harvest. Contact Daryl Wright for details to purchase a table, if we choose to pursue this topic.**
- **Pre-registering for Convention Workshop: Cost for those under 50 hives (Novice Beekeepers) will be \$25.00. If you buy an Associate Membership in the MBA, for another \$30.00 (i.e., a total of \$50.00), the workshop would be free.**
- There will be a Thursday evening session regarding Labour – possibly a panel of speakers.
- **Antimicrobial Use Stewardship Legislation:** Re: Taking Foul Brood Mix out of the AFB treatment equation: once the legislation kicks in – conversations need to happen between the Veterinarian Association and beekeepers. There will be a vet come to speak to the MBA regarding antibiotic s going forward. Rheal is speaking to the MVA convention about the beekeeping side of things.
- **BABA (Brandon Area Beekeepers' Association)** Very informal meetings, no formal executive OR bank account, just meetings. Topics are very relevant: the present season coming up, what works and what does not in terms of treatment, etc., **(Rheal and a staff member from Bee Outfitters always invited and present)** Often a very good meeting afterward the meeting (about 12 guys) at Timmie's
- **Skunk Control:** Furadan is NOT ACCEPTED for use with skunks. See the Bee Health Roundtable on CHC website for more details. President Mark Friesen will be setting up a mtg. in early January about the Best Management Practises for this topic.
- **MBA Newsletter Ad prices: this will remain free for members of MBA (under 100 words or ¼ page) Otherwise the fees are going to change.**
- **Bear Protection:** The MBA will try to work with the Manitoba Lodge and Outfitters Association on finding sustainable ways which will be mutually beneficial to both groups to solve bear problems.

I know that this is a longer report, but it covers meetings for November and December. I have BOLDED the items of particular interest to RRAA members. The next meeting of the MBA Executive will be January 18th, 2018. Have a great winter! Marg

—/\\—



Red River Apiarists' Association

Editorial note & musings

Note that this year is a RED queen marker year.

The weather has just bumped up a few notches into the low -30's. I will be checking for life in my hives early in the next week or so. Not much you can do at these temperatures. My honey house schedule has been on hold so will be into equipment repair and development. Honey sales are current which is nice.

It is wise to pencil in your nuc / queen suppliers early, and not just one their production my be down.

After 8 years as RRAA Bee Cause editor with 72 plus one Bee Cause publications and 25 written articles I am stepping down. The opportunity I feel was a special privilege. I am looking forward to some new informative articles.

My blessing for a spectacular 2018 bee year! *

The RRAA , the Bee Cause, for you and through you:

The Bee Cause is the official publication of the Red River Apiarists' Association for distribution to its members and their colleagues in the beekeeping industry. It is published eight times a year on a monthly basis except December and the summer months of June, July, and August when membership meetings do not occur.

Articles can be best submitted in word documents as email attachments. Though they may be edited for spelling and basic grammar, no changes will be made to their contents, message and opinions. They are those of their originator and not of the Red River Apiarists' Association.

Deadline for any submission to this newsletter is the second Sunday preceding the membership meeting to allow for publishing and mailing delays and the legal obligation to allow membership to review last meetings' minutes for errors or omissions before next meeting. Regular membership meetings are normally scheduled 7:30 on the second Tuesday of every month at the Elmwood Legion 920 Nairn Avenue in Winnipeg excepts months noted above.

The Red River Apiarists' Association, formed in 1963, represents the beekeepers of the Red River Valley and environs in southern Manitoba. The association provides a forum for the promotion of sound beekeeping practices through education, networking opportunities, meetings, field days, workshops, presentations by local apicultural experts, as well as the dissemination of this monthly newsletter.

CLASSIFIEDS

We are on the Web! www.beekeepingmanitoba.com

1. **For Sale:** Abby Road Distribution Ltd.—Abby Road 400 Oak Point Highway Wpg. , MB R2R 1V1 ph.: (204)694-6800 Fx: (204)697-1335 info@abbeyroaddistribution.com . 25 years of supplying the Beekeeping Industry. We carry a wide range of fasteners, tooling, shipping supplies and packaging materials suited for your industry: staples, nails, bulk screws, coil nails, strip nails, plastic & steel strapping stretch wrap & tapes service on most makes of stapling and nailing equipment.
2. **For Sale:** wax foundation moulded from clean capping wax. Contact : **Waldemar at text ph. 204-266-2276 or e-mail wdamert@yahoo.ca. (Beausejour Mb.)**
3. **Wanted: HONEY** contact: **John at 204-943-0166 or e-mail: Honeyb@mymts.net (Winnipeg)**
4. **For Sale:** Top bar hive. Comes with 30 frames, moveable dividers, 2 queen excluders, viewing window and a beautiful gabled roof. Photos available. Offers. Also long hive. Takes 21 regular frames. Same size as 2 supers. Comes with vertical queen excluder and beautiful gabled roof. **Contact: David 204 424 5042 (St.**
5. **For sale:** inner covers @ \$ 12.00 each **Contact: Ted Scheuneman 204-338-6066 (West St. Paul)**
6. **Wanted: Wax Cappings** Candles for Hope, If you have honey cappings or rendered wax that you're willing to give us, we can turn that into hope for new moms the poor in the Philippines and in Winnipeg. Supporting Mercy in Action in the Philippines (www.mercyinaction.com/philippines-clinic), and Crisis Pregnancy Centre (www.pregnancy.ca) in Winnipeg: at www.candlesforhope.ca, call or email 204-667-9932 or candlesforhope@live.com. Warmly, Marlese
7. **For sale:** 300 gallon Stainless steel round milk tank with stand and recirculating SpaceSaver water heater \$950.00 (will deliver close to Winnipeg) contact roweskd@gmail.com
8. **For sale:** 100 gallon F W Jones & Sons Stainless Steel honey creamer with heat controller, stand and aluminum foil wrap \$ 1000.00 (will deliver close to Winnipeg) contact roweskd@gmail.com

9. **For Sale:** spring nucs and queens [if any member may have bees for sale please help members by placing Bee Cause ads]

—/\—

(form Pg 1) maltose, and melezitose, but they cannot use rhamnose, xylose, arabinose, galactose, mannose, lactose, raffinose, dextrin, or insulin. Differences in carbohydrate utilization between larvae and adults may be due to the absence of appropriate enzymes.

Lipids

Information on the nutritional need for dietary lipids (fatty acids, sterols, and phospholipids) in honey bees is fragmentary and inconclusive. Generally, lipids are used for energy, synthesis of reserve fat and glycogen, and for the functioning of cellular membranes. The lipid composition of adult bees differs from that of pollen. However, a phospholipid found in pollen also is found in the body tissue of adult bees. Another substance, 24-methylene cholesterol, also found in pollen, is the major sterol of the body tissue of adult queen and worker bees. Possibly, certain lipids have a significant role in the lubrication of food when it is ingested and prepared for absorption. All insects studied critically were found to require a dietary sterol; therefore, it is reasonable to assume the honey bee also requires this lipid.

Vitamins

When bees begin producing royal jelly for the young larvae and the queen, they need a diet high in vitamins. Nurse bees seem to need the following vitamin B complex for brood rearing: thiamine, riboflavin, nicotinamide (niacin, nicotinic acid), pyridoxine, pantothenate (pantothenic acid), folic acid, and biotin. Pantothenic acid is needed in worker-queen differentiation and nicotinic acid, in initiating brood

rearing. In addition to these vitamins, ascorbic acid (vitamin C) also seems essential for brood rearing.

In general, the vitamin needs of a honey bee colony are satisfied as long as the pollen stores are abundant in the hive or fresh pollen is available to bees in the field. Micro-organisms naturally present in the alimentary canal of bees may provide vitamins, and other essential substances, which may make an otherwise unsuitable diet adequate.

Minerals

Minerals required in the diet of humans and other vertebrates (sodium, potassium, calcium, magnesium, chlorine, phosphorus, iron, copper, iodine, manganese, cobalt, zinc, and nickel) are needed by some species of insects. Pollens contain all these minerals, some of which are required by bees.

Water

Water is collected by bees and used primarily as a diluent for thick honey, to maintain optimum humidity within the hive, and to maintain appropriate temperatures in the brood area. The amount of water required and collected by a colony is generally correlated with the outside air temperature and relative humidity, strength of colony, and amount of brood rearing in progress.

Reference:

By L. N. Standifer

Entomologist, Science and Education Administration, Carl Hayden Center for Bee Research, Tucson, Ariz. 85719.

BEEKEEPING IN THE UNITED STATES
AGRICULTURE HANDBOOK NUMBER 335

Revised October 1980

Pages 39 – 45

—/\—

Ken Rowes, Past RRAA Editor

2017 now past and what have I / you / we done?

The last 8 years is in my review mirror as my editorial ship is over. It has been a special and unique opportunity for me to use some of my talents and knowledge. I would recommend it to anyone committed to our ethical approach to apiculture at whatever level; hobby, midline or commercial. I have met many wonderful people at all levels who I now consider friends. The process had me searching a wide scope of the apiculture literature, world and local with a special interest in our Red River Apiarists Association for personal bee and colony management expertise that would be regionally relevant and enlightening to the beginner and the somewhat seasoned apiculturist, to me the passionate interested in agriculture's angles.

Its time for the association to move on and grow. My skills in the areas in which our organization needs to grow are limited. As we move in to sophisticated technological streams it is best left to those with more familiar mind sets and abilities. There has been talk of moving to an online newsletter and facebook media.

Congratulations' to Timothy Kennedy who has captured a wonderful schedule for the 2018 program that will have a calendar of events for members to look forward to with excellent speakers (sampler on page 10).

I believe that our organization membership will grow and the board acquire more support to reach out to cover the complexities of urban beekeeping, to capture the availability of local bees and queens for spring Bee Cause publishing, and even a person who could chair an ad committee that could bring in a little extra revenue to cover the organizations educational costs. Realistically bringing the RRAA agenda into focus to the benefit of its members and the local community.

I would like to extend my appreciation to the Red River Apiculturists Association for this opportunity that I have had to support an association I have had membership with since the mid 1960's and in a sector of agriculture (Apiculture) I have had a peculiar passion. The passion never leaves but the reality of diminishing abilities sets in and one slowly lessens his demands especially as family require his focus.

After 8 plus years, I enjoyed being the Red River Apiarists Association's (RRAA) editor, starting with a copy of an old Microsoft publishing program without instruction was an initial challenge, then moving through many layouts for a professional flow of business reports, minutes and gathering / editing articles to fit the interest of the Manitoba beekeeper reaching into my library that dates back to the 50's and further. As computer

scams go my computer was compromised and I lost the programs for publishing and purchased a new computer and publisher recreating the Bee Cause newsletter in what has been a national news media layout. I would say the most challenging compared to managing my bee colonies.

However, the most rewarding is connecting with RRAA members, governmental apiculture agencies and researchers.

There are many who have, what I consider, been the sparks and flashes in my RRAA adventure: George Drad who introduced me to the association and Allen King the president at the time in the 60's whom I shared many bulletin (newsletter) publishing sessions in his living room, professor Cam Jay of whom I was a student, Bruce Smirl, Doug McCorry and Ulf Soehngen PhD students of Cam's all explaining and showing me beekeeping from a science point of view through their studies including the indoor flight room.

From this exposure in professor Jay's lab Allen King had me writing a science column for the RRAA bulletin. The executive encouraged me through the 70's to bulk purchase on behave of the RRAA bee drugs repackaging them in an analytical lab I managed providing a saving for the RRAA members. My mentoring began while I drove a senior RRAA executive member Ann Donkin to meetings held in the Bee Maid (Beekeepers Coop) conference hall. I still use some of her equipment. From my membership I have had mentoring from: Alex Remkes, Walter Wright, Ron Rudiak, Albert Anderson, Bruce Fallis, Ted Scheuneman and special brain storming of ideas from past and present executive: Charles Polcyn, Jim Campbell, Brian Smith, John Speer John Russell (Badiuk), Waldemar Damert, Duane Versluis, Art Quanbury, Marg Smith. I am sure I have missed many in this listing, but my sincere gratitude goes out to them all.

I would like to extend a special appreciation to the Provincial Apiculturist Rhéal Lafrenière for his support over the years to the Red River Apiarists Association and the editorials. Salut Rhéal!

My sincere thank you to all executive members and membership, present and past, who have shared in this unique and special life experience of mine and continue to do so.

In the short term, I have provided a January newsletter and for the new year 2018 a limited mentor-ship and guidance for the editorial successor.

—/\—

<p>List of RRAA Program topics for the 2018:</p> <p>Education Coordinator : Timothy Kennedy</p> <ul style="list-style-type: none"> • JANUARY: Weather changes and patterns: how these affect & impact our lives & our need to consistently adjust, and keeping accurate records. • FEBRUARY: Seasonal Rhythm of a Hive; Plus Mr. Nolan from Ireland of NOD Apiary Products will talk about his products. • MARCH: The Relationship between Vets & 	<p>Bees (prescriptions).</p> <ul style="list-style-type: none"> • APRIL: Best Management Practices on Rotating Treatment. • MAY: HIVE INSPECTIONS “What to Expect”. • SEPTEMBER: Fall Management Practice. • OCTOBER: [Sentinel Hive Project] • NOVEMBER: Gadget Night.
--	--

Red River Apiarists’ Association—Winnipeg, Manitoba
2018 MEMBERSHIP APPLICATION

I apply for membership in the Red River Apiarists’ Association. Membership Includes one years subscription to the newsletter “The Bee Cause” (8 issues)

RRAA membership fee (cheque payable to RRAA or Red River Apiarists’ Association. @ \$25.00/year
 New: Optional Beekeeper Liability Insurance (details on RRAA web site, Links, Insurance) @65.00 +\$5.20 = \$70.20

Total payment Enclosed.....\$_____

Name _____ Tel. # _____

Address _____

City _____ Prov. _____ Postal Code _____

E-mail address _____

Signature _____

New Member [] Renewal [] Student U of M Beekeeping course [] (free 1st year) other specify. _____

Newsletter Delivery in electronic pdf via e-mail [] or paper copy via Canada post []

This completed form may be brought to the meeting or mailed with your cheque to: **John Speer, RRAA Treasurer**
Box 16, Group 555. Winnipeg, Manitoba R2C 2Z2

RRAA Membership Commentary

Comments & Suggestions: The RRAA executive is trying to provide current topics and information / discussion sessions that would be most meaningful to all members (the new beekeeper , the intermediate and the seasoned beekeeper) your comments are valuable and appreciated. Remove this section and after making your comments please place them in the suggestion box at the meeting. Your support is most appreciated.
