

SELECTIONS.

Michigan State Bee-keepers Association.

THE following circular has been received:

Freemont, Mich., Nov. 15, 1890.

Will you please consider this a special invitation to be present at our coming State Bee-keepers' Convention, to be held in Detroit on January 1st and 2nd, 1891. There will be reduced rates on all the railroads, and the large hall, and reduced rates have been secured at the Normandie Hotel. This is a first-class house, centrally located, and will make grand headquarters for us, with a place of meeting under same roof. A very interesting programme is being prepared, and such prominent bee-keepers as E. R. and A. I. Root, R. L. Taylor, T. F. Bingham, D. A. Jones, R. F. Holtermann, Dr. A. B. Mason, Thomas G. Newman and others are expected to be present. Among the other attractions will be the Question Box; So come prepared ask and answer questions, and if you have some nice samples of honey, gathered from some particular source, please bring them; also, anything of special merit in the line of bee-keeping appliances. This is going to be the most interesting meeting held in the State since the International was held in Detroit. So come and bring your wives and daughters with you, and help us make it so, and enjoy the same. The following is the programme:

FIRST DAY—THURSDAY, JANUARY 1, 9 A. M.

Call to order. Appointment of Committees. Reception of new members and payment of dues.

The best all purpose queens and the best manner of rearing them, W. Z. Hutchinson, Editor of the Bee-keepers' Review, Flint.

Discussion—"Are Apiculturist inventions in demand or excess?" Ernest R. Root, junior editor of Gleanings in Bee Culture, Medina, Ohio.

Discussion.

Question Box.

AFTERNOON SESSION—J. 30 P. M.

President's Address—Prof. A. J. Cook, Lansing, Mich.

"Foul Brood"—Hon. R. L. Taylor, Lapeer, Mich.

Discussion.

"Is profitable Bee-keeping a thing of the past?" T. F. Bingham, Abronia, Mich.

Discussion.

"Honey statistics, and their advantages to the Bee-keeper," G. H. Knickerbocker, Pine Plains, N. Y. Discussion.

EVENING SESSION—7:30 P. M.

"In what do we profit by the importation of Queens?" D. A. Jones, editor, of THE CANADIAN BEE JOURNAL, Beeton, Ontario, Canada.

Discussion.

Question Box and volunteer contributions.

SECOND DAY—FRIDAY, JANUARY 2, 8:30 A. M.

"Benefits to be derived from Apicultural Associations," R. F. Holtermann, Brantford, Ont. Discussion.

Opening of the Question Box.
Volunteer Contributions.

"Cellar vs. Out-door wintering," Dr. A. B. Mason, Auburndale, Ohio.
Discussion.

AFTERNOON SESSION—I. 30.

Deciding the next place of meeting.

Election of officers.

Report of Committees.

Financial report of Secretary and Treasurer.

Miscellaneous Business.

"Apicultural Journalism, its past and future,"

Thomas G. Newman, editor of the American Bee Journal, Chicago, Ill.

Discussion.

"Benefits to be derived from honey exhibits,"

R. McKight, Owen Sound, Ontario, Canada.

Followed by discussion and a general good old fashioned visit till adjournment.

GEO. E. HILTON, Asst. Sec.

ENTRANCE AT SIDE OR FRONT.

W. R. Sterling.—Which is best, to have the entrance at the side or end of the hive, or does it make any difference for out-door ventilating.

We prefer the frames to run cross-wise to the entrance. Some prefer them running the other way. Both have their advantages but some maintain that the difference is more imaginary than real.

DEEP VS. SHALLOW FRAMES OUT-DOOR WINTERING.

Which is best, deep or shallow frames for out-door wintering.

Rouden, Nov. 27, 1890.

For out-door wintering the deep frames where the stores can be directly over the bees, and as they consume them the heat from the bees keeps their stores warm. We have been more successful in wintering on such frames put in-doors or when they are packed properly the difference is not so great. In southern localities, without packing, the difference would perhaps be slight.

WINTERING.

H. N. RUTLEDGE—I am an amateur in the bee business, and at a time of the year that presents itself to me as being the most critical—since the storing away of the colonies seems to be the most delicate work of the whole apiary and seems to require the greatest amount of brain and carefulness, for a misstep endangers your whole stock, and unless you are a mint, "barsts you up"—therefore the following questions suggest themselves to me as being very reasonable, and the answers of them may be a source of the greatest advantage to others as well as myself: Which, in your opinion, is the best and most profitable way of wintering, as regards expenditure in constructions, risks of loss and chances of bad condition in the spring. 1. in the cellar, running risks of moisture and mil-