

suitable for gathering honey. He is physically disqualified for any work pertaining to the hive. He is absolutely of no use whatever except to impregnate the young queen, for which act he suffers the penalty of death. So, should he fulfil the duties assigned to him, his life may be merry, but assuredly short—not more than a month, probably. To compensate for this curtailed existence, he takes plenty of time to mature, as it is twenty-four days from the laying of the egg before he emerges a perfect insect. He is, as with the other inmates, three days

in the egg, but six days in the larva, and fifteen in the pupa state. In a state of nature there are often hundreds of drones in a hive, and this condition calls forth the inference from the great naturalist, Mr. Darwin, that it is an imperfection of Nature to produce so many drones when only a few are actually needed (Darwin, 164-2), but had Mr. Darwin been a practical apiarist, he would have learnt the great necessity of many drones, to reduce to a minimum the chance of the loss of his queen, through being caught by birds, driven by high winds, or beaten down in

CENTRAL CANADA EXHIBITION

AT OTTAWA, SEPTEMBER 18th to 26th, 1908

DISPLAYS will far excel those of any previous year. A Grand **PURE FOOD EXHIBIT** to be made by Canadian Manufacturers.

HIGH-CLASS VAUDEVILLE PROGRAM will be given daily in front of the Grand Stand, in addition to the **HORSE RACES**.

THE NIGHT ENTERTAINMENT will consist of the latest Comic Opera, "**WHAT HAPPENED THEN?**" by the famous **DE WOLFF HOPPER** and All-Star Company. Popular Prices will Prevail.

A GRAND DISPLAY of **PAINTINGS AND LADIES' WORK** will be made to signalize the opening of the Handsome New Fireproof Building now being erected at a cost of \$12,000.

THE SPECIAL ATTRACTIONS in front of Grand Stand in the afternoon will include the latest European Novelty, "**DEL ORO'S PERFORMING COWS**." This attraction is billed to appear in Ottawa for the first time in America. There will also be a most sensational **AUTOMOBILE RACE** on a specially-constructed incline, the contesting chauffeurs being two daring young women.

THERE will be **BALLOON RACES** daily, with a double **PARACHUTE DESCENT** from each Balloon, by the famous **PROF. HUTCHISON** and companion.

Get the Official Programme when issued next month

T. C. BATE,
President.

E. McMAHON,
Secretary.

Aug. 1908

rain or hail happens in more drones r fertilization by bring about th And I may m is never fertili as to avoid in-and-in breec it thus so as t the race. Sh absent herself account of scar of her loss s should this uni colony would b eggs remaining other. Howeve

CA

Aug. 2

T

Greatest

Every Pro
Sends
Its Prodi

Gran

From
Inter

The

Internati

8,000

For Prize Lists,

CHEAP