



(Photo by Stuart's Studio)

More than 100 young people had displays, collections, experiments entered in the York County Science Fair at Bayview Secondary School on March 13.

All of the entries had been prize winners in preliminary fairs in the four school areas in the county, and in many instances the judges had a rough time in arriving at decisions of final winners.

Pictured above Brian Mounce, 13, and Stephen Moore, 13, both grade 8 students at Mark II Senior Public School in Unionville, proudly demonstrate the workings of their computer, which won first prize in the junior physical display category.

The fair was jointly sponsored by the York County Board of Education, the Roman Catholic School Board, and the Rotary Club of Richmond Hill. The latter donated many prizes and awards for winners.

Hundreds Flock To Science Fair

BY MARGARET LADE

So you are wondering what the younger generation is coming to? You should have been at the York County Science Fair at Bayview Secondary School.

Adult visitors were positively astounded at some of the things they saw.

More than 100 young people hovered anxiously over their exhibits, eagerly describing and explaining or demonstrating them for the benefit of judges and visitors.

Under direction of Sills Denholm, head of the science department at Bayview, and chairman for the science fair committee, the exhibits were well displayed in the large school gymnasium.

A wild-life display on loan from the Burlington Outdoor Resource Centre set the scene in the main foyer.

Obviously a great deal of work and time had gone into preparations for the show, and hundreds of parents and friends dropped in in the afternoon and evening to see the show.

Two young horsewomen, Debbie Norwood, 12, and Audrey Dolph, 13, of Jersey Public School, greeted visitors at the door. Appropriately dressed, they displayed English and Western saddles and headgear. There were photos and sketches of their own horses, drawings of the anatomy of a horse, the ancient skull and jawbone of a gelling, a three dimensional model of a barn and paddock, and an information book that had taken several weeks to prepare.

Simon Roab and Stephen Campbell of Markham District High School had worked together on a physical experiment and transmission of sound by light, and won first prize in their category.

Soren Nielsen of King City Secondary School had done a painstaking study of the metabolic rate of mice using a speedometer which won him first prize in his category, and was considered by the judges to be the best all round exhibit. Running him a close second

was Barry McKillop of Bayview Secondary School who had worked with several generations of guinea pigs to complete his environmental study, gradually moving the fish from water with 87 percent salt content to water containing 3.5 percent salt — equivalent to ocean water.

Judy Palmer, 17, and Judy Reid, 16, of Bayview had also used fish in their three month study of water pollution, adding chemicals, oil, liquid detergent and other materials to observe their effects on the fish.

They had come away with a first prize from the area 4 science fair, and placed second in their category at the county fair.

True scientists, they were not perturbed that all the fish had died. The fish in the water containing the detergent were the most repulsive, bloated and soggy, but the girls admitted they still use detergents at home.

They had dissected some of the fish, and had microscopes and slides to show visitors the effects on the intestines of the chemicals which had polluted the water.

Don Surgeoner, 13, of Stuart Scott School in Newmarket had created an ingenious device of plywood and glass, and used heat and a pan of water to simulate the life of a tornado.

The only entrant from Thornhill Secondary School, Ken Stranks, grade 13, was not there for the judging in the afternoon — he was writing exams — but his display of structural and energetic geometry, complete with geodesic domes created from toothpicks, won him second prize in his category.

Denny Cope, 13, of Stuart Scott School, carefully and enthusiastically described his time-consuming experiment in growing protozoans (one cell beings) in various cultures. He had a sample of the pond water from which the original specimens were taken, then transferred to cultures containing foreign matters such as grass, lettuce, corned beef (they mul-

tiplied most prolifically in the corned beef culture). His display, which included written notes and hand drawn diagrams, won him first prize in the junior experimental division.

Tim Henshaw, a grade 10 student at King Secondary School, had experimented with the effect of food on animals, using diets approved by Agricultural Representative Al Wall and containing different nutrients to feed his three white rabbits.

A member of Woodbridge 4H Club, Tim had kept charts of their weight and development, and observed that one of the animals jumped frantically each time Joe Vigliotta, a grade 8 student at Notre Dame de Grace Separate School in Newmarket, demonstrated his burglar alarm.

As the judges approached, Tim nervously aroused his prize rabbit, who had decided to escape from the noise and confusion by sprawling out in a very unflattering position and taking a nap. The judges were, apparently, impressed for Tim took first prize in the intermediate experimental category.

Collections of rocks and minerals, sea shells, leaves and buds, displays of Tesla coil, atoms, reciprocating steam engines, molecules, electric telegraphy, amplifiers, convection engines, magnetic dating and laser demonstrations were an indication of the wide range of interest of the young scientists.

Displays of moon men machines, outer space, water purification, linear acceleration, an ether thermometer land urbanization, revealed their awareness of what is going on in the world around them.

There were biological studies of frogs, chickens, the eye, the earthworm, chromatography, and experiments with electronic organs, motors and generators, telescopes and microscopes.

Tar and nicotine content of various brands of cigarettes were displayed by Wayne Kitchen of Nobleton, and he invited visitors to test the various brands.

Judges at the fair were Richmond Hill Rotarians Dr. Arnold Arai, Dr. Dennis Stainer, Dale Kenzie, Douglas Allen, Stu Harwood, and Ed Kimmick of Sterling Drugs in Aurora.

Assisting them in presenting prizes and awards of money, books and science equipment were Mr. Denholm, Les Rickard, Master Teacher of science for York County Board of Education, and Science Teacher Russell Cummings of Langstaff Secondary School.

The 43 winners of prizes and awards are taking part this week in a Metro area science fair, and many, hopefully, will go on to the provincial science fair in Hamilton in May.

Nine senior boys from Thornhill School for the Retarded in Richmond Hill were winners in three special categories, stages of seed growth, different means of plant propagation, and a maple leaf collection.

The Rotarians, sponsors of the annual fair, congratulated the young scientists on their ingenuity, imagination and effort in providing the biggest and best science fair ever presented in the county.

33 Taxis Licensed In Richmond Hill — Are There Too Many?

Does Richmond Hill have too many licensed taxicab owners, cars and drivers? At last week's meeting Councillor David Schiller raised this question. He said he was concerned that the lack of a limit on numbers could react unfavorably on established owners.

Other councillors expressed concern about the amount of time consumed in approving the applications over the year.

Councillor Lois Hancey reported that there were 29 taxi owners' licenses in the town, 21 of these are licensed to individual owners who participate in the co-operative business known as Avenue Taxi and eight are held

by one owner, Richmond Hill Taxi.

At the March 16 meeting an additional four licenses were approved bringing the total to 33.

Mrs. Hancey assured council there was no need for concern as to the number of drivers licensed, since they only assist the owner, who can't drive 24 hours a day. "They are rather a transient group," she explained. "Many of them are taxi driving as a fill-in between other jobs and others drive on a part time basis to supplement their income from a full-time job. There is a constant shortage of taxi drivers."

Mr. Schiller wanted to

know if there had ever been a representation from the taxi owners to have a limit placed on the number of licenses.

In answer Mrs. Hancey explained that prior to 1969 a limit of 20 owners' licenses had been in effect in town. After four meetings in 1969 in which taxi owners made representation it was decided to lift the number of licenses because business proved the need for more. One company had objections, but the majority of council felt the municipality shouldn't be in the business of limiting the number of people who might engage in a particular business. "Our interest is in making certain taxis are operated in

the proper manner, that the vehicles are kept in good condition and that owners and drivers are of such character that the public will be protected," she commented. "Since March of last year there have been only an additional nine owners' licenses issued. The new regulatory bylaw was passed at that time."

"It's high time we gave consideration to restricting the numbers again," stated Deputy-revee Ivan Mansbridge. "I don't think it's a healthy condition."

"There seems to be some concern that the situation is getting out of hand. Perhaps we should take a wide

look at it," suggested Councillor Schiller.

Reeve Donald Plaxton felt that the whole subject is taking up too much of council's time at many meetings. "I agree entirely," said Mrs. Hancey. "But this is by a motion of council. The drivers' applications used to be handled by the police department but at our request we got into approving of each individual driver."

"The taxi owners govern themselves to the demand for their services," she went on. "Nobody is going to invest in a car, insurance and license fees, unless they can see a reasonable return on that investment."

"Do they have to buy a

cab?" asked Mr. Schiller and was answered in the affirmative.

"How many other businesses do we regulate by setting the number who may participate?" asked Councillor Shaun Beggs. Again the answer was in the negative.

Later in the meeting Mr. Mansbridge attempted to have the number of owners' licenses frozen at the present 33, with the situation to be reviewed at the end of the year. However, when it was pointed out to him that there was much more business scheduled for the evening, he agreed to withhold his motion until a more convenient time.

Vaughan Supports St. John Ambulance

Vaughan Township Council agreed at its meeting last week to give financial support to the St. John Ambulance (York Central Branch) for the year 1970.

The township's contribution to this volunteer organization, headed by Richmond Hill Mayor William Lazenby as chairman, is \$501.06.

The brigade's annual budget is \$5,000, \$2,000 of which is expected to come from the Town of Richmond Hill, Townships of Vaughan and Markham and the Village of Stouffville. The members, about 25, are gradually being outfitted with uniforms. They meet every two weeks and have provided first aid facilities and assistance for several public functions such as fairs, carnivals, hockey tournaments and a walkathon, in the area served.

STOUFFVILLE — New provincial legislation compelling motorists to take breathalyzer tests is proving a deterrent to, would-be drinking drivers, police say. Those who take the chance are finding it difficult to beat "the little grey box."



What Tools Do I Need To Build Another Bathroom?

Richmond Hill RENT-ALL

Over 1,000 items to rent

41 YONGE ST. N. RICHMOND HILL 884-6761

Get your bills



I CAN HELP YOU!



CALL ME PERSONALLY, JAMES CLIMANS 363-8271

I will cut your monthly payments in half or less with a low cost mortgage loan. Fast, courteous, confidential service. Amounts from \$2,000 to \$25,000. You can call me anytime, day or night, 7 days a week.

Certified FINANCIAL SERVICES LTD. 80 RICHMOND STREET WEST SUITE 604, TORONTO, ONT.

EVERYTHING'S REDUCED EXCEPT THE QUALITY

Paneling Sale

AT THORNLEA LUMBER

<p>With WELDWOOD</p> <p>MONTERREY Prefinished Paneling \$6.95 per 4'x8' Panel \$6.15 per 4'x7' Panel</p>	<p>WELDWOOD</p> <p>SIERRA OAK Prefinished Paneling \$6.95 per 4'x8' Panel \$6.15 per 4'x7' Panel</p>
<p>WELDWOOD</p> <p>AZTEC WALNUT Prefinished Paneling \$6.95 per 4'x8' Panel \$6.15 per 4'x7' Panel</p>	<p>WELDWOOD</p> <p>TOPAZ PECAN Prefinished Paneling \$6.95 per 4'x8' Panel \$6.15 per 4'x7' Panel</p>

WELDWOOD SPECIALS

Oriental 4'x8' \$10.95 sheet
Walnut, 4'x7' \$ 9.60 sheet

Oriental Rosewood, 4'x8' \$10.95 sheet
Harvest Elm 4'x8' \$ 9.98 sheet

Armada 4'x8' \$ 8.45 sheet
Chestnut, 4'x7' \$ 7.25 sheet
(Over 50,000 Sheets to choose from)

SPECIAL

While It Lasts!
Seeing Is Believing!

Vinyl Coated Paneling

4 Colors To Choose From
Oak, Teak, Pecan and Butternut

\$5.19 per 4'x8' Panel
\$4.75 per 4'x7' Panel
2,000 sheets in stock

LARGE SELECTION

CEILING TILE

BP from \$8.32 per carton of 64
All designs to choose from

Spruce Lumber

2x4 - 7 62c 2x2 - 7 35c
2x4 - 8 72c 2x2 - 8 40c

PINE SHELVING

KILN DRIED
1x2 clear — 10c ft.

- good quality - 1x8 — 20c ft.
1x4 — 10c ft. 1x10 — 23c ft.
1x6 — 14c ft. 1x12 — 27c ft.

Spruce Strapping

1x2 — \$2.50 per 100 ft.
1x3 — \$3.50 per 100 ft.

SEE OUR NEW LINES OF KITCHEN CUPBOARD UNITS AND VANITIES

PING-PONG TABLES

Painted \$35.50
COMPLETE WITH BASE

Unpainted \$17.95
COMPLETE WITH BASE

PRE-FINISHED TRIM
To match most Paneling

THORNLEA LUMBER

CASH AND CARRY

"WHERE YOUR DOLLAR GOES FURTHER"

PHONE - 884-1833
889-1436

Observatory Lane
RICHMOND HILL

Men Wanted

Big Brothers Fill Need For Fatherless Boys

Since Richmond Hill Rotary Club recently assumed responsibility for sponsoring a Big Brother movement in the area, the first relationship between a Big Brother and a boy has been made.

The newly opened Big Brother office, donated by Ronalds Federated, 225 Yonge Street North, opposite Richmond Heights Centre, has been operating on Saturday only since the beginning of February.

The first Big Brother to have a "fatherless" boy is Bill Stewart of Thornhill, an education consultant in Metro.

"He will no doubt have much to learn from his 'little brother', comments Social Worker Norman Opperman, who is in charge of the Richmond Hill office.

Bill's "little brother" is David, who lives in Richmond Hill, and they hope to share interests such as hockey, football, swimming, camping and fishing, as well as their key interest — auto and motorcycle racing.

There are many boys be-

tween the ages of six and 16 in Richmond Hill who, for one reason or another, do not have a man in their lives, but so far the response for volunteers who are willing to become Big Brothers has been slow.

Mr. Opperman, who works week days out of the North York trailer-office in Northtown Plaza, says great care is taken in matching boys and men to be sure that they have common goals and interests, and that the arrangement will be a mutually satisfying one.

Men from all walks of life are needed, according to Glenn Walterhouse, Big Brothers' director for York County — contractors and carpenters, bank managers and college professors — for the boys come from a cross section of the community and they all have a common need — an adult male to help round out their lives.

Interested men are asked to call Mr. Opperman any Saturday at 884-9121 between the hours of 10 am and 6 pm to volunteer their services.

DIABETIC DETECTION DISCOVERY CLINIC

Sponsored By
RICHMOND HILL LIONS CLUB
TUESDAY, MARCH 31st, 4 to 10 p.m.
at the
LIONS HALL — CENTRE STREET E.