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Pacific Rim Park possesses ruggedness and quiet beauty, 1

Native people's office set up to resolve constitutional issues, 2

Canada boosts forestry science studies in Peru, 2

US vice-president visits Canada, 3

Special measures for Iranians, 3

International occupational health meeting, 4

Gold rush hits New Brunswick, 4

Emergency program supported, 4

Student invents computer program, 5

Canadians turn trivia into profitable pursuit, 5

Seniors shape up, 6

New device aids weak hearts, 6

Funds for Inuit studies at Montreal's McGill University, 6

News of the arts — awards, Stratford festival, 7

News briefs, 8

Pacific Rim Park possesses ruggedness and quiet beauty

Canada's Pacific Rim National Park in British Columbia is the country's first national marine park and the only national park on the Pacific Ocean.

It stretches along 105 kilometres of shoreline and the sound of the endless Pacific swell crashing against the beach or the rocky shore is ever present. The 389-square-kilometre park is not large by Canadian standards and yet it is divided into three distinct parts. Long Beach, the West Coast Trail and the Broken Group Islands are all popular but for different reasons.

The most popular section is Long Beach with a good paved highway all along its length. It is a favourite of bathers, hikers, surfers and campers. Its 11-kilometre-long beach of almost-white sand is parallel to the highway and it is rarely crowded.

Grey whales, sometimes 15 metres long, are often seen close to shore, their tails swinging high in the air as they sift the sandy bottom for sea worms and other delicacies. Sea lions also sun themselves on offshore rocks while harbour seals do likewise on quieter stretches of the beach or in isolated coves.

Fishing from the beach or from a rocky point is popular with many, while others dig for clams, oysters and mussels or fish for crabs, starfish, shrimp and other sea creatures in tidal pools.

It is 72 kilometres from Port Renfrew to Bamfield and this rugged stretch of sea-side mountains constitutes the West Coast Trail, an arduous but rewarding experience for anyone with the stamina to complete it.

Port Renfrew is accessible by good highway from Victoria, while a logging road goes from Port Alberni to Bamfield at the northern end of the trail. Bamfield is also served by boat from Port Alberni.

Sailors shipwrecked

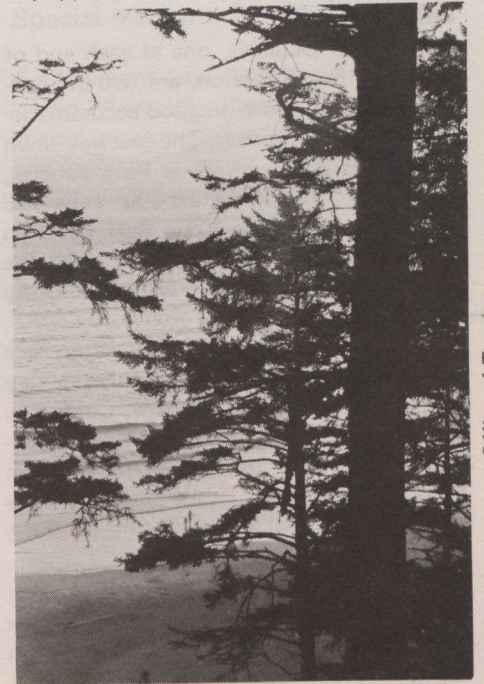
The trail was first opened in 1907 when it was used by life-savers on their way to rescue shipwrecked sailors on that part of

the coast known then as the graveyard of the Pacific. The trail, especially its southern half, is a rugged one, cut here and there by deep ravines and rushing streams. Logs have to be climbed over, primitive ladders facilitate climbing in some places and slippery wooden foot-bridges span the larger creeks and rivers.

The third section of Pacific Rim is the Broken Group Islands, in Barkley Sound at the mouth of Alberni Inlet. These islands, nearly 100 of them, are only accessible by private boat except Gibraltar Island which is served at regular intervals from Port Alberni in summer.

The islands offer a good chance to get away from it all. They are popular for what they do not have: no noise, no roads, no restaurants, no tourist traps, no pollution.

Primitive camping is allowed on only seven of the islands, where there is fresh water. The West Coast Trail also offers primitive camping only, while it's first-come, first-served at the moderately-equipped campground on Long Beach's



Long Beach at Pacific Rim National Park.





Canadian Government Office of Tourism

Visitors to the park walk beneath unique tree formation.

Green Point.

An interesting aspect of the Long Beach section is its network of seven easy trails of from .5 kilometres to 2.5 kilometres.

All of them except one are on the ocean side of the highway, the Rain Forest Trail being the exception. It is a beautiful walk in dense, humid vegetation with a salmon-spawning creek at its far end.

Along the others can be seen giant Sitka spruce, cedars and hemlocks, an old mining site, an abandoned corduroy road now covered with multi-coloured moss and many other natural attractions.

Fishing towns

Tofino and Ucluelet, one at each end of the Long Beach section, are two interesting fishing villages with good accommodation and most services. The gateway town to the park, however, is Port Alberni, with a population of 20 000. It is 108 kilometres from the Long Beach section and about the same distance from the other two sections which are not so easily accessible.

From Port Alberni, the MV *Lady Rose* takes 100 passengers on the only one-day cruise to the Pacific in British Columbia. Visitors to Pacific Rim may find it advantageous to fly to Victoria where they can rent a car for the scenic 300-kilometre route to the ocean shore on Long Beach via the interesting towns of Duncan, Nanaimo and Parksville.

There is an interesting interpretation centre at the park entrance. Its program includes conducted walks, various publications and an audio-visual presentation.

Native people's office set up to resolve constitutional issues

Prime Minister Pierre Trudeau has announced the creation of an Office of Aboriginal Constitutional Affairs reporting to the prime minister.

This step flows from an accord reached at the First Minister's Conference held recently in Ottawa to seek entrenchment of an ongoing process for resolving constitutional issues affecting native peoples. The prime minister invited the provinces and territories to make similar arrangements to facilitate their participation in this process.

The new agency, which will report through the Secretary to the Cabinet for Federal-Provincial Relations, will co-ordinate all activities within the federal government related to this ongoing process; it will also co-ordinate bilateral consultations between federal authorities and representatives of the aboriginal peoples.

The terms of reference of this office will include the following responsibilities:

- to undertake the required preparations for future constitutional conferences of first ministers on native matters, including meetings of ministers and officials;
- to work closely with the representatives of aboriginal peoples and to ensure that they are consulted on a continuing basis and participate fully in preparations

for constitutional conferences;

- to work with provincial and territorial governments in the search for an early resolution of aboriginal constitutional issues;

- to co-ordinate, as required, the activities of the various federal departments and agencies participating in this ongoing process; and, more generally,

- to advise the federal government on these issues and ensure that the research and policy development required for their resolution are done expeditiously.

The prime minister emphasized that the new office is to complement existing departments — such as Indian and Northern Affairs and the Secretary of State — which will retain responsibility for policy development and program administration in many specific areas of interest to aboriginal peoples.

Mr. Trudeau also said the government would establish a multi-year funding program to provide assistance to national associations representing native peoples, so that they would have the resources required to participate fully in future constitutional discussions. The federal government has provided such assistance since 1980 and will be reviewing the adequacy of the contributions in consultation with native organizations.

Canada boosts forestry science studies in Peru

The Canadian International Development Agency has awarded a \$2-million contract to the University of Toronto to establish a forestry science program at the National Agrarian University (UNA) in Lima, Peru.

The post-graduate program will lead to the granting of a master's degree in forestry science. The five-year program between the Canadian and Peruvian governments will be implemented by the University of Toronto's faculty of forestry.

"This is a landmark in 'self-help' higher education and will encourage post-graduates to stay in Peru to work on the development of the forest industry in that country," said V.J. Nordin, who is University of Toronto's dean of forestry and executive director of the project.

Under the project the university will co-ordinate UNA staff training in Canada

and assign five Canadian professors to Peru to assist the Peruvian university. There are six Peruvian students at present pursuing master's degrees in forestry at Canadian forestry schools. Two students are at the University of Toronto, two at Laval University and one each at the University of British Columbia and the University of Alberta. Six additional staff from UNA will undertake post-graduate studies at Toronto and other Canadian universities.

Mr. Nordin's involvement with Peruvian forestry education dates back to 1974 when he undertook a feasibility study of Peru's forest industry's educational and research potential. A major recommendation of this study called for the establishment of a master's degree program in forestry. Dr. J.C. Nautiyal of the faculty of forestry and Dr. Nordin also completed a preliminary assessment of the current five-year project in 1982.

US vice-president visits Canada

United States Vice-President George Bush visited Ottawa, March 23-24, to discuss a number of bilateral and international issues with Canadian ministers.

Mr. Bush held talks with Prime Minister Pierre Trudeau, Deputy Prime Minister and Secretary of State for External Affairs Allan MacEachen, other Canadian ministers and senior government officials. He also had lunch with members of the Cabinet and was honoured at a dinner attended by Prime Minister Trudeau and 400 guests.

The primary purpose of the visit was for Canadian and US officials to consult on nuclear arms and on related security issues — issues that confront both countries as North American allies and as members of the NATO alliance.

The visit also allowed an opportunity for Mr. Bush and his Canadian hosts to discuss the bilateral relationship, including agriculture, fisheries, trade, energy and environment questions.

In a news conference following the meetings, Vice-President Bush said that his discussions with the prime minister and Cabinet members had been "fruitful". He added that "the United States values highly Canada's counsel as a neighbour, as an ally and as a friend".

"Our bilateral relationship as a whole remains sound.... Differences persist on some issues but these are being addressed in the spirit, not only of frankness but of friendliness that traditionally characterizes the dealings between Canada and the



Mr. Bush addresses guests at a dinner in his honour while Mr. Trudeau looks on.

United States," said Mr. Bush.

Prime Minister Trudeau, in a speech given at the dinner, said that "in our bilateral and other discussions we have sought together ways in which we could co-operate to strengthen what we hope to be the beginning of a period of economic growth. And it is certain that we go into that period together, not only as friends and neighbours and allies — which we are, and that is more than a matter of geography and history — we go into it as two nations which are not built on race or creed or class but built on the belief in the fundamental value of the human being and of the liberty we strive for".



Prime Minister Trudeau (right) speaks with Vice-President Bush (centre) and Deputy Prime Minister and Secretary of State for External Affairs MacEachen.

On the subject of nuclear disarmament and the arms race, Mr. Trudeau said that during the talks they discussed NATO's stand on medium-range nuclear missiles in Europe. The prime minister said that if the zero option is not attainable "we should be looking at something which is perhaps second best in terms of what is desirable. No arms are better than some arms. But if agreement is possible at a lower level than the one we have now, I think you would find us supporting it".

Secretary of State for External Affairs MacEachen said that the Canadian government wanted to explore with the US administration the necessity of offering alternatives to the zero option which might lead to an interim agreement providing for the least possible number of missiles in Europe.

The issue of testing the unarmed Cruise missile in Canada was also discussed by Vice-President Bush and the Canadian ministers. In February, Canada signed an agreement with the US providing the framework which will enable Canada to consider a wide range of specific test and evaluation proposals which may be put forward by the US. Project arrangements would need to be concluded to authorize each individual testing project which may be approved by Canada. The US has not yet proposed the negotiation of a project arrangement for the flight testing of unarmed Cruise missiles in Canada.

Special measures for Iranians

Employment and Immigration Minister Lloyd Axworthy has announced new special measures allowing Iranian visitors and minister's permit holders in Canada to apply for permanent residence without leaving the country.

About half of the 2 000 Iranians expected to benefit from these measures are students whose funding has been cancelled by the Iranian government.

Under this special program, Iranian visitors, students and minister's permit holders, will be allowed to apply for landing under two categories: if they have relatives here both able and willing to assist them; or if they have been here a minimum of 12 months and can demonstrate their ability to settle in Canada successfully. These measures parallel those introduced to assist Poles, Salvadorans and Lebanese, except that they only apply to persons inside Canada.

International occupational health meeting

The tenth World Congress on the Prevention of Occupational Accidents and Diseases will be held in Ottawa-Hull, May 8-13.

The meeting, which will be held for the first time in North America, is being organized by the Canadian Centre for Occupational Health and Safety (CCOHS) with the co-operation of the International Social Security Association (ISSA) and the International Labour Office (ILO). Both ISSA and ILO have their headquarters in Geneva.

The congress is being held in Canada, according to CCOHS officials, in recognition of what Canada is accomplishing in the field of occupational health and safety. The CCOHS has contributed to occupational health and safety for Canadians primarily by gathering and disseminating information from Canada and abroad.

Governor General Edward Schreyer will act as patron for the event, which is expected to draw about 2 000 participants. The meeting brings together representatives of unions, industry, business, insurance companies and compensation institutions, governments, the medical and legal professions, national and international associations, and safety and health professions.

The theme of the congress is "New

Horizons in Occupational Health and Safety". Scientific and technical experts will discuss emerging health hazards, preventive engineering and improved protective equipment in the context of research and development for the 1980s. The meeting will also address the essentials of progressive policies and user-oriented services involving both workers and management.

Nine principal speakers chosen from Canada, Burundi, Czechoslovakia, Mexico, Singapore, Spain, Sweden, the Soviet Union and the United States will keynote the discussions in the plenary session. The Canadian speaker will be Ivan Head, president of the International Development Research Centre, a Canada-based organization active in developing countries in a wide range of projects including occupational health and safety.

Five of the industry-oriented sections of the ISSA will hold individual meetings during the congress. They will be concerned with agriculture, construction, mining, research and information.

Canada has taken an initiative by suggesting that for the first time there be an international meeting of safety professionals during the congress. During and following the congress, participants will visit a number of Canadian industrial and resource development sites.

Gold rush hits New Brunswick

Since word leaked out of a gold discovery last year in Cape Spencer, New Brunswick, between 400 and 500 claims have been staked in the area, reports the *Canadian Press*.

Richard Potter, director of mineral resources for the New Brunswick natural resources department, said most claims were filed by independent prospectors but some large companies, such as Noranda Mines Limited, have also become involved in the rush.

Potter said the initial claim was filed by Morton Gordon of Saint John, who discovered gold near Cape Spencer, on the Bay of Fundy about 30 kilometres east of Saint John.

After Gordon filed a report on his claim, required by the province, the results were open for public inspection and claims were quickly staked in the surrounding area, Potter said. He said gold deposits have been found along New Brunswick's Bay of Fundy coast and it is possible to pan gold along beaches near Saint John.

Emergency program supported

Canada is providing more than \$6.16 million to support emergency preparedness in the Caribbean and Latin America, Deputy Prime Minister and Secretary of State for External Affairs Allan J. MacEachen has announced.

An amount of \$5.5 million will go to the Pan American Health Organization (PAHO) in support of its 1983-1987 program of emergency preparedness in the Caribbean and Latin America.

Another \$666 000 will go to support activities of the Office of the United Nations Disaster Relief Co-ordinator (UNDRO) within the Pan Caribbean Disaster Preparedness and Prevention Project (PCDPPP). Funds will be provided through the international humanitarian assistance program of the Canadian International Development Agency.

Canada was the first country to support the first PAHO program to improve the capacity of disaster-prone countries to be self-supporting in terms of emergencies in March of 1977. Canada's initial four-year grant of \$457 000 created a considerable multiplier effect by generating support from other governments. The positive impact of the initial program has led to the commitment of further funds for a more extensive program.



The congress centre in Hull where the meeting will be held.

Student invents computer program

Income tax time is headache time for most of us, including major employers who supply tax slips. Getting data like social insurance numbers, salaries and benefit payments out of the computer in the correct order for the right person can involve many hours of programming time.

Michael Gilman, a Master of Science student at McGill University in Montreal, has invented a system that can cut programming time up to 90 per cent. It is called Relational Query Language (RAQL — pronounced like the actress). Gilman anticipates that RAQL or something like it will eventually be used in more than 5 000 major computer installations across the world. The Federal Reserve Bank, major car manufacturers, the armed forces and Statistics Canada are typical examples of potential users. Gilman is currently marketing RAQL with the help of the university's Computing Centre and the School of Computer Science.

The system works as follows: Users of big computers like the IBM 370 or in McGill's case, the Amdahl, have a programming product called Statistical Analysis System (SAS). It was designed for these big computer installations by the SAS Institute of Cary, North Carolina. SAS stores computer data in the form of tables, like the kind accountants use. While these tables are a convenient way of storing data, writing computer programs to access them for certain items, like those needed for tax slips, can be time consuming.

"SAS programmers need a simple and efficient way to query their SAS tables," said Gilman. RAQL accomplishes this because, Gilman said, "it provides SAS users with a higher level programming method. Unlike other relational query languages, RAQL is the only one that interacts directly with SAS tables".

Shorter method

How then do SAS users currently manage without RAQL? "Normally SAS tables are accessed by SAS programs. These programs can be long, difficult to maintain and are often specific to one or two applications.

RAQL is really a shorthand method which condenses lengthy, repetitious SAS programs into just a few RAQL program statements. Since there are only eight basic kinds of statement, RAQL is easy to learn and use.

Canadians turn trivia into profitable pursuit



Jacques Grenier

Scott Abbot displays the "Trivial Pursuit" game.

A former "team" of Canadian newspapermen, who had a bright idea a few years ago, are very happy they stuck with it. Working in an old boatworks, a bar and a farmhouse, their extremely successful firm, this year, has dominated the adult board-game market.

Horn Abbot is the corporate signature of the team behind the phenomenally successful game called "Trivial Pursuit".

Abbot (Scott Abbot) and "Horn" (Chris Haney) had their brainwave in Montreal late in 1979. Why not systematize the games of trivia that friends were playing at each other's houses? The basic concept — a board which determines the category in which each player is questioned — took only half an hour to refine. Getting the game to market took two years and an enormous amount of initiative.

The risks taken by Horn Abbot have paid off handsomely. The elegant Trivial Pursuit box can not be kept on the shelves; in the pre-Christmas rush there were line-ups as customers reserved future printings of the boards and sets of question cards.

Greg Hagglund, treasurer of Mr. Gameways Ark, a major Toronto-area retailer, said \$100 000 worth of the product was sold in the first ten days of December, duplicating sales for December 1981 for one entire store. His five locations had 1 800 sets back-ordered.

James Mayberry, corporate controller of Chieftain Products of Toronto, Canadian distributor, notes that orders are

spread out across Canada and in the New York area. "It's selling by word of mouth," he said. "Print and broadcast advertizing have been minimal to date."

Chris Haney and Scott Abbot formed Horn Abbot in 1980 along with St. Catharines lawyer Ed Werner and John Haney, who became the team's chief researcher. Additional shares were sold to raise venture capital.

The faith of investors, suppliers and a friendly bank manager has been vindicated. A full 100 000 units of the game have been sold and production capacity was subscribed until March. Horn Abbot has expanded its staff from four to six and is turning over production responsibilities to another company.

Trivial Pursuit was designed with expansion in mind. An additional set of cards containing entirely new questions appeared last November under the name "Silver Screen". This spring, a module on sports will appear and is expected to sell well in the United States; a children's edition is also planned.

Expansion outside Canada has been facilitated by a manufacturing and distribution deal with Selchow and Righter of the US. Extensive research is being made into Britain and Australia-New Zealand markets, for which whole new sets of questions will have to be created.

In Canada, meanwhile, production was backed up until March and sales of 350 000 units are expected in 1983.

(Article from Ontario Business News, January 1983.)

Seniors shape up

They're walking around indoor shopping malls, attending fitness classes in church basements, persuading hotels to let them use their swimming pools and taking up cross-country skiing and tennis. Now more than ever, Canada's senior citizens are getting into shape.

Peggy Edwards, manager of the Canadian Public Health Association's fitness secretariat, told a recent convention of the American Public Health Association that twice as many Canadians aged 55 to 64 were participating in sports today than in 1976.

Citing preliminary figures from a new Canadian fitness survey, Miss Edwards reported that three times as many people aged 65 and over were trying out sports.

The survey of 14 000 households with occupants aged 7 to 70 indicated not only that more elderly people participated in a sport at least once annually, but that there was a dramatic increase in the number of senior citizens engaged in some form of exercise, such as walking or calisthenics, in the month before being questioned.

But she suggested that many seniors still needed to change their attitudes towards exercise.

"Many exaggerate the value of what they do. Older women say they get enough exercise doing housework, for example, but housework isn't enough.

"Others feel now that they're retired, it's time to take it easy. In fact, the opposite is true and physical activity increases in importance as we get older."

Ms. Edwards cited a study by Dr. Roy Shepherd of the University of Toronto which showed that a group of 38 people over 65 functioned as if they were 20 years younger after only seven weeks of exercise.

Study participants did an hour of exercise four times a week, including 30 minutes of walking fast enough to quicken their heart rates and 30 minutes of light exercise done to music.

They quickly increased their aerobic power — functioning of the cardiovascular system — by an average of 30 per cent. After a year their bones and muscles were stronger, body fat had decreased, and their moods had improved.

Exercise book for the over-50s

A new exercise guide, designed specifically for seniors, has been launched by Canada's Fleet Publishers. *The Ageless Exercise*

Plan: A Complete Guide to Fitness After Fifty by Dr. Charles Godfrey and Michael Feldman is one of the first such guides written for seniors.

Dr. Godfrey, director of Rehabilitation Medicine at Wellsley Hospital in Toronto and Mr. Feldman, a fitness consultant, have included numerous simple and basic exercise routines (along with accompanying photographs) which seniors can easily perform in the privacy of their own home.

Hip and leg exercises, pelvic tilts, ankle exercises and hamstring stretching are some of the routines in the alternate ageless exercise chapter of the book. In the advanced exercise chapter, the authors include side stretching, sit-ups, leg and arm swings and facial muscles exercises.

In these exercises, the authors say the emphasis is placed on the development of joint flexibility and muscle power which will be sufficient for the specific demands made on the body while exercising.

New device aids weak hearts

A new ultra-sound device to boost the performance of a weak or ailing heart could be on the market within two years, says a National Research Council (NRC) medical engineer who helped develop it.

According to Dr. George Forester, the NRC will work with Ottawa's foremost heart surgeon, Dr. Wilbert Keon, to develop a prototype of the device. Called a "cardiac enhancer", it shoots low-energy sound waves at specific areas of the heart, warming the tissue slightly.

"What we think is happening is that heating one microscopic structure of the heart more than other portions affects the heart cycle itself," said Dr. Forester. "For instance, it may be acting on the transfer of calcium across heart membranes (calcium is involved in the control of heart contractions). Its effect would be similar to having a shot of adrenalin, but without affecting the bloodstream and the rest of the body."

Because ultra-sound can be directed at a specific area of an organ, heart specialists will not have to worry about negative effects on other organs.

"We wouldn't have to worry about using drugs whose levels would be toxic to other organs," he continued.

The technology could be used with heart drugs, by itself or as part of treatment for severe heart problems.

"One area where we see it being used is to wean a patient off a heart-lung machine," Dr. Forester said.

"It could also have applications during the critical period of fibrillation — when a failing heart has been 'shocked back to life'. We find that the heart recovers at an accelerated rate with ultra-sound."

The NRC, which has patented the technique, became involved in the research almost by accident. In the past, its medical engineering section concentrated mainly on setting standards for the use of ultra-sound and investigating its use in diagnostics. "We've very excited about this discovery," said Dr. Forester. "It could turn into something very important in terms of therapy."

Funds for Inuit studies at Montreal's McGill University

The Inuit of northern Alaska have established a chair at McGill University in Montreal to advance knowledge about the North and its people.

It is the first university chair ever funded by an Inuit community, and it is named after the late Inuit leader Eben Hopson. Over the next five years, the North Slope Borough will endow McGill with \$500 000 for research pertaining to Inuit interests and scholarships for Inuit students.

First recipients

The first two scholarship recipients are Ulla Lynge and Sivart Larsen, both Greenlandic Inuit now enrolled at McGill in English and northern studies courses. They are the first students from Greenland to attend McGill and are among the very few Greenlandic Inuit ever to venture into a North American university.

Eben Hopson was a one-time whaling captain and construction worker who became an influential political and religious leader in Alaska's most northern community, Barrow. Throughout his life Hopson strove to reaffirm common historic roots among Inuit now living in Alaska, northern Canada, Greenland and Siberia. As founder of the Inuit Circumpolar Conference in 1977, Hopson sought to establish policies, principles and positions in matters affecting Inuit. The new McGill chair will further the work he began.

The North Slope Borough representatives said they felt the McGill chair would set a precedent for a new period of cooperation between people of the North and southern universities.

"The Grey Fox" tops Genie awards

The Grey Fox, a movie about Canada's first train robber, was honoured as Canada's best motion picture of 1982 at the fourth annual Genie awards ceremony held recently in Toronto.

The film, based on the life of Bill Miner, a thief who emerged from 33 years in prison to find a radically different world where trains had replaced stage coaches, won seven awards including honours for Richard Farnsworth as best foreign actor and Jackie Burroughs as best supporting actress.

Donald Sutherland was named best actor for his portrayal as a life-saving doctor in *Threshold*, a film about the world's first artificial heart transplant.

Sutherland, who began his career in the 1960s at the University of Toronto's drama department, said he was especially pleased to be honoured in his native country.

Glynnis O'Connor was named best foreign actress for her title role in *Melanie*, the story of an illiterate young woman who struggled to regain custody of her son.

Quest for Fire, a science fiction epic that followed the trials of three warriors forced to venture beyond the safety of their tribal land, won five awards, includ-



CANAPRESS

Best actress Rae Dawn Chong and best actor Donald Sutherland hold their Genie awards after presentation in Toronto.

ing one for Rae Dawn Chong as best actress.

The Grey Fox, which won 13 nominations even though it was not yet in general release, also won Genies for art direction and musical score. Phillip Borsos was named best director, while John Hunter took best original screenplay honours.

R.H. Thomson's performance as an

incurable but gentle character in *If You Could See What I Hear* earned him best supporting actor honours.

Burton Cummings was given a Genie for best original song for *Save My Soul* from the movie *Melanie*.

Une journée en taxi, *Quest for Fire*, *Harry Tracy* and *Melanie* each received seven nominations. With the exception of *Melanie*, all the main nominees were in the running for best film.

In addition to Sutherland, the four other nominees for best actor were Gilles Renaud for *Une journée en taxi*, Saul Rubinek for *By Design*, Marcel Sabourin for *Doux Aveux* and August Schellenberg for *Latitude 55*.

Chong's competition for best actress were: Sara Botsford in *By Design*, Hélène Loiselle in *Doux Aveux*, Monique Mercure in *La Quarantaine* and Andrée Pelletier in *Latitude 55*.

Michel Brault was honoured for best achievement in cinematography for *Threshold*.

Best achievement in costume design went to John Hay for *Quest for Fire* while Yves Langlois was cited for best achievement in film editing for the same film.

Academy of Canadian Cinema 1983 Genie award winners

Following are the winners of the 1983 Genie awards, presented by the Academy of Canadian Cinema:

Best Supporting Actor: R.H. Thomson, *If You Could See What I Hear*.

Best Supporting Actress: Jackie Burroughs, *The Grey Fox*.

Best Art Direction: *The Grey Fox*, John Hunter.

Best Costume Design: *Quest for Fire*, John Hay.

Best Original Screenplay: *The Grey Fox*, John Hunter.

Best Foreign Actress: Glynnis O'Connor, *Melanie*.

Best Foreign Actor: Richard Farnsworth, *The Grey Fox*.

Best Cinematography: *Threshold*, Michel Brault.

Best Theatrical Documentary: *The Devil at Your Heels*, Bill Brind, Robert Fortier and Adam Symansky.

Best Theatrical Short: *Elvis Gratton*, Bernadette Payeur.

Best Motion Picture: *The Grey Fox* produced by Peter O'Brian.

Best Actor: Donald Sutherland, *Threshold*.

Best Actress: Rae Dawn Chong, *Quest for Fire*.

Best Director: Phillip Borsos, *The Grey Fox*.

Best Film Editing: *Quest for Fire*, Yves Langlois.

Best Music Score: *The Grey Fox*, Michael Conway Baker (*The Chieftains*).

Best Original Song: *Melanie*, *Save My Soul* by Burton Cummings.

Best Over-all Sound: *Quest for Fire* — Ken Heely-Ray, Joe Grimaldi, Austin Grimaldi, Claude Hazanavicius and Don White.

Best Sound Editing: *Quest for Fire* — Ken Heely-Ray, Martin Ashbee, David Evans and Kevin Ward.

Stratford forms US group

An organization licensed by the Stratford Festival in Ontario has been created to develop support of festival patrons living in the United States.

The Stratford Shakespearean Festival of America (Stratford America), as the US entity is called, has been a long term aspiration of the festival's board of governors. "Its realization is deeply appreciated by the Canadian members of the festival," said Donald MacLeod, president of the board of governors. "Its goals are to enhance the festival's image in the US by recruiting friends or associates of the Stratford Festival for audience and membership development and to raise funds for special projects in support of classical theatre."

Stratford America is a national US body, governed by an independent board of trustees, one or more members of whom are on the board of the festival in Ontario. Drawing on existing support in Michigan, Ohio and Illinois, (the states which account for the largest American audience representation), its national headquarters are located in Detroit, with a strong chapter being formed in Chicago.

News briefs

Canada posted a \$4.6-billion turnaround in automotive trade with the United States in 1982, according to Statistics Canada. The surplus in vehicle trade more than doubled to a record \$7.4 billion from \$3.2 billion in 1981. Combined with a \$300-million reduction in the perennial deficit in auto parts trade, Canada moved to a \$2.9-billion surplus from a \$1.7-billion deficit in 1981.

James Johnson Macdonell, whose seven diligent years as Canada's auditor-general earned him the title of the taxpayers' best friend, died in Ottawa, March 22 at the age of 67. Mr. Macdonell, who came to the job of watchdog over federal government spending in 1973 from 35 years in private industry, retired from the post in 1980.

The University of Moncton has opened its Manufacturing Technology Centre in Moncton, New Brunswick. The centre is part of the New Brunswick government's effort to promote computer aided design and manufacturing. The centre is expected to assist manufacturers in applying new technologies to their operations.

The federal government will provide \$1.2 million to fund the renewal of 18 employment projects in British Columbia. Of the 18 projects — part of the federal Outreach program — seven are designed for natives and three for women. Others focus on senior citizens, youth, physically disabled, ex-convicts, and residents of isolated communities.

Trade missions organized by the Ontario Ministry of Industry and Trade recently travelled to Cuba and Japan. The mission to Cuba was the first Ontario health-care mission to that country, and, with 14 manufacturers attending, was bigger than any of the six previous missions to Cuba. In addition, four manufacturers attended the three-day Houseware Products Show sponsored by the Ontario government at the Canada Trade Centre in Tokyo, Japan.

Minister of State for International Trade Gerald Regan recently signed a \$24-million (US) financing agreement to support the sale of petroleum storage facilities to the Republic of Kenya by Lavalin International Inc. of Montreal. The \$39.4-million (US) sale involves the engineering, procurement and construction of additional petroleum storage capacity at the existing marine terminal in Port Reitz near Mombasa.



The Citizen

The featured performance — federal Mines Minister Judy Erola and Tom Lamothe, ham it up at the Kidney Foundation of Canada's gala presentation of Swamp Lake on Parliament Hill. The event was a foundation fund-raiser.

The board of directors of the Export Development Corporation has approved export credits insurance and export financing transactions supporting potential sales of \$216.8 million to four countries. Export sales which will result if sales are finalized will create or maintain an estimated 8 559 person-years of employment in Canada and will involve 28 exporters and major suppliers.

Researchers at the University of British Columbia will receive \$1.125-million federal funding to support Canada's first comprehensive Diagnostic Imaging Research Centre. The centre brings together teams of scientists, clinicians and research personnel, and a complete array of diagnostic imaging systems and techniques, including computerized tomography, positron emission tomography (PET) and nuclear magnetic resonance imaging (NMR). The venture will allow for evaluation of clinical efficacy, effectiveness for research purposes, and impact on patient care, of imaging techniques.

The Alberta government is proceeding with plans to start a \$200-million venture capital fund, Economic Development Minister Hugh Planche has announced. Venture company loans will be \$1 million minimum to any person or any business with a unique idea "of benefit to Alberta".

Canadian fighters Shawn O'Sullivan and Willie deWit both won world amateur boxing championships recently in Reno, Nevada. O'Sullivan added the world amateur boxing championship to his Commonwealth Games and World Cup gold medals with a comeback over defending champion Aleksandre Koshkin of the Soviet Union in the light middle-weight title bout. deWit, a native of Grande Prairie, Alberta, claimed the heavyweight gold medal with a decision over defending champion Aleksandre Yagubkin also of the Soviet Union.

The federal government has announced an aggressive campaign to increase the consumption of fish and seafood in Canada. The new program has been developed to stimulate sales of fish and seafood in the food service industry. It has been designed to specifically assist menu-planners, cooks and buyers and stresses that fish is today's most versatile dish. This follows the successful 1982 November Fish and Seafood Month campaign which was aimed primarily at the retail sector.

An Ottawa area entrepreneur is planning a novelty souvenir for visitors to Ottawa. Bill Montaigne is producing a cassette tape describing the history and highlights of the city. Montaigne, who sells and produces tapes, said he saw a need for a homegrown product which would give a realistic insider's view of the area.

Canadian ski jumper Horst Bulau of Ottawa finished up the World Cup ski jumping season in second place behind Finland's Matti Nykanen. Bulau's placing represented the best season ever by a Canadian jumper. The Canadian jumper finished third in the over-all World Cup standings in both the 1980-81 and 1981-82 seasons.

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