

fall. About a year ago the museum manufactured and distributed around the schools in Regina and environs a set of seventeen portable display cases containing small mammals and birds. Each case was accompanied with a printed talk which the teacher could use in explaining the case. It was an overwhelming success and thousands of children saw the cases. Because of this the number of such cases is to be increased and they will be distributed to the Department's Conservation Officers who will tour their districts giving lectures based on the cases to adult and school groups alike.

There are other informational projects to which some thought has been given of which the most interesting is a museum on wheels. The idea here is to outfit a large trailer with representative exhibits from the museum and send it on a planned lecture tour of the rural areas of the province during the summer months. This mobile museum would be outfitted with projection equipment to give showings to children in the schools during the day and to adults in the community halls in the evenings.

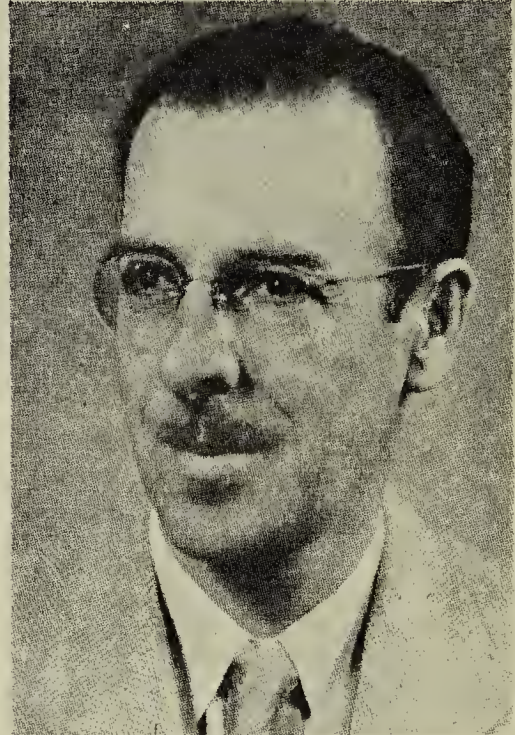
Saskatchewan's museum of natural history is primarily concerned with fostering a greater realization of the need for the conservation of the province's fish and wildlife resources. It is striving to achieve this by creating a deeper appreciation of the aesthetic and practical value of this heritage through its exhibits and through its extension program.

In the field of resources management there is a growing recognition of the fact that this wealth can not be safeguarded solely by enforcement and by legislation based on the findings of research. Such legislation is only as effective as the degree to which it is understood and appreciated by the average citizen. Getting people to recognize individual responsibility towards their natural resources is perhaps the greatest problem confronting those responsible for managing these resources today. This can be accomplished only by an active informational program. In Saskatchewan part of this task has been given to its Museum of Natural History. There is little doubt about the contribution it will make in this regard.

FRED BARD, Museum Director

From "The Dome"

From the period when our province was young, when little money was voted and less space made available for museum purposes—to the present when three outstanding men in particular (all "Fred" by name)



see the realization of a beautiful dream, time has marched along a path often hindered by the stones of discouragement, and once swept by a disastrous cyclone. These three stumbled and never looked back in the struggle to meet their goal—a Museum to house relics and treasures.

In 1928 Mr. Fred Bradshaw was appointed the first Director of the Museum, to be succeeded in 1935 by Mr. Fred Dunk who continued in the post until 1947. Since that time our present Director, Mr. Fred Bard, has been in charge. Dedicated to the task of building and maintaining the museum in spite of terrific odds and great difficulties and discouragement, and because of their dedication, we today have a Museum, second to none on this continent, and worthy of our province and its people.

The third "Fred," a man of great personal modesty, claims little of the credit for attaining this goal, and is

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The Coltsfoot in Saskatchewan

ARCHIE BUDD, Swift Current

In Saskatchewan we have three species of Coltsfoot according to most authorities' concept of species. They belong to the genus *Petasites*, a word derived from the Greek *petasos*, meaning a covering for the head, originally given on account of the large basal leaves of some species. These plants have a peculiarity in that the flowering stem and generally the flowers appear in early spring before the leaves are produced. The leaves are all borne on long stalks from the crown of the root except the scaly, bract-like ones on the flowering stem. The inflorescence is almost entirely unisexual with the male and female flowers borne on separate plants. The flowering heads are generally whitish in colour, up to half an inch across, and soon bear fruit, each with a tuft of bristly pappus.

The most widely spread species is the Arrow-leaved Coltsfoot, *Petasites sagittatus*, which bears large, somewhat triangular leaves, from four to ten inches long, green or dull green above and white woolly below. These long stalked leaves are not lobed but are toothed along the mar-

gins and are very conspicuous in moist spots, slough margins etc. of woodlands.

The Vine-leaved Coltsfoot, *P. vitifolius*, has somewhat similarly shaped leaves, but they are deeply lobed and generally not very white woolly on the underside. This species is fairly plentiful in wet spots and moist woodlands.

The third species is Palmate-leaved Coltsfoot, *P. palmatus*, sometimes called Woodland Coltsfoot, which is a species of the forest floor and has leaves palmately divided almost to the centre, and which are only white woolly beneath when very young. Some authorities place both the latter two species as varieties of *P. frigidus* and call them respectively var. *corymbosus* and var. *palmatus*. They probably have good reason to do so but this changing and revising of the scientific names is somewhat disconcerting to the less technical folk. We, in the open south-western parts of the Province are not apt to find the Coltsfoot unless we go into the Cypress Hills, where all three species though scarce, are present.

Fred Bard, Museum Director

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humbly grateful to his predecessors for their endeavour, their patience and the store of knowledge he has gained from their guidance. Fred Bard is one of the best qualified field ornithologists in Western Canada and is recognized as such all over the country. The erection of the Provincial Museum of Natural History is the culmination of a dream that has grown with him during nearly 30 years.

He is an individual who finds the world is a beautiful place and one who has a tenderness for trees that are gnarled and unsymmetrical — trees that, like people, have character and should be protected.

Apart from the Museum he has another project—Waterfowl Park, a field study station situated on Wascana Marsh south on McDonald Street in Regina. Twenty-five Canada geese find sanctuary there as do

two beautiful whistling swans that were injured and have been nursed back to health. One of them will fly again but the other will never take to the air as it was injured by a gunshot wound in the leg.

In this park there is none of the artificiality of man's design, and Mr. Bard's main objective is to preserve the park in its natural state. At the present time Mr. Bard is in the process of producing a documentary film on the bird life of Wascana Marsh.

He does not lament the drain that the dream has been on his time and effort and is overwhelmed by the fact that the collections resulting from years of study and search, are now housed in permanent quarters.

The new Provincial Museum of Natural History stands as a monument to the perseverance, courage and devotion of such men as the three "Freds." Its administration is in good strong hands.