

Pilgrims Picked Wild Cranberries For Thanksgiving

ANN ARBOR — In addition to turkey, the Pilgrim Fathers had wild cranberries at their first Thanksgiving dinner in 1621, according to Warren Chase, chairman of the department of wildlife management at the University of Michigan.

"No doubt the early settlers felt more at home with the use of cranberries because the cranberries were also well known in northern Europe and in the British Isles where they had been used for sauce for centuries," he says.

THE PILGRIMS got their turkey trimmings from the Pilgrim area and west of the New England coast.

"The wild cranberries of those days that still are picked in the marshes from Maine to Minnesota are known also as musk berries, as for berries, and as portulaca berries."

"The name of the cranberry comes from the slender, curved stalk that holds the bright red berry. The stalk resembles the hook of a crane, so this well known Thanksgiving delicacy is known as 'cranberry,'" Professor Chase reports.

"ALTHOUGH there are two major kinds of cranberries in Michigan, the high-bush cranberry that is sometimes used for jelly, is not the common one that we find on the market."

"The low-bush cranberry is now commercially in many of the New England states and particularly in Wisconsin where hundreds of thousands of bushels are marketed each year. At the present time, almost all the cranberries on the market are raised commercially."

"However, many people in the northeastern part of the U. S. and Michigan, gather cranberries in the wild from marshes and bogs in their own backyards and use them for their Thanksgiving and Christmas dinners."

"IN THE EARLY days in Michigan, the berries were used raw or cooked by the Chippewa Indians. They were gathered by the Indians and put on the market in Detroit in the early 1700's and sold with venison and turkey for Thanksgiving. Indians, as well as early settlers used cranberries and many other fruits and berries as part of their living from the land."

"The heaviest cranberry crops were harvested from the Thumb area and the area along Lake Michigan," Professor Chase says. "The berries were of good, found and harvested in many parts of the Upper Peninsula."

Indians Had Own Version

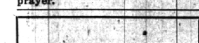
Pilgrims at the first Thanksgiving probably thought such a celebration would be a new experience for their 90 Indian guests. However, according to research experts, many Indian tribes along the eastern seaboard celebrated a harvest festival called the "Green corn dance."

Try Cranberries

If you take a tip from the Indians in early America, you will serve cranberries this month. The flavor goes with any meat you choose. When you buy cranberries, it is not the color or shape that makes the flavor difference, reminds the Marketing Information Agent. For the best flavor and keeping quality, choose cranberries that are bright, shiny, plump and dry.

Was 3-Day Feast

Although Governor Bradford set aside only one day, December 23, 1621, as Thanksgiving Day, three days were spent in feasting and prayer.



SUNHEAT...
GOOD FOR THE LONG RUN

Chen-burning Sunheat protects your equipment today. It's a specially blended kerosene for comfortable, economical home-heating. Call for Sunheat today.



by the makers of Sunheat
at all Sunheat Dealers

at your local SUNHEAT Distributor

CHURCH'S INC.

LUMBER
BUILDING SUPPLIES
FUEL

107 S. Second Road,
Ann Arbor, Mich.
FE 2-0233

NATURE NOW

Special Writer for The Birmingham Economic

Food - Life's Most Insistent Demand

The need for food is life's most insistent demand, implying as it does the difference between survival and extinction.

However, this need is so common that we often take it for granted. Even in our most densely crowded cities a weed, a tree, a cockroach, a sparrow, a rat searches out and finds that food which keeps it alive.

Nature uses many devices to insure the species. In our temperate zone where winter cuts off the food supply, autumn becomes a food storage period. This holds for both plants and animals, provided they live in their natural habitats.

With plants this is a silent and unnoticed part of the life cycle. During the sun-filled summer days a perennial stores enough winter food in bulb, tuber and root stalk to nourish the first leaves and flowers of the following spring. The seed, which is a mobile store house for the embryo of our flowering plants, is the most efficient mechanism for carrying over plant species from season to season. Its contents also determine the quality and vigor of succeeding generations of growth.

THE TINY floating duckweeds employ a unique kind of plant preservation. As autumn approaches, they grow starch-filled winter buds which break off and drop to the bottom of the stagnant water. Thus provided with an adequate food supply, they winter-over in safety. With spring's arrival the buds develop new air-filled sacs which carry them to the surface, where they begin another year's growth.

But regardless of how food is stored, each device carries the life pattern of the plant over the lean and hungry winter months until spring enables it to re-establish its own unique system of root and leaf, of flower and fruit. During the summer it will meet its own growth needs, plus the necessary

their long and often strenuous migration flights. Nature uses an equally commanding instinct when it impels the bee to store honey, the squirrel to bury nuts, the mouse to fill its underground chamber with seeds, the acorn to hide quantities of lemmings in the rock crevices with which it is surrounded.

The mole, with its high metabolic rate, must eat constantly. It therefore insures itself against winter's threat by biting off the tip of the head of quantities of earth worms, then coiling and storing their bodies in his underground home. The astonishing climax is that the surplus victims can eventually regenerate their heads and escape to continue their life cycles.

SLOW-MOVING creatures like toads and frogs not only hibernate but can also fast for long periods of time. The pile monitor, a poisonous lizard of our western deserts, solves its food storage problem by laying up fat in its fleshy tail. The desert snail is capable of shrinking its watery body to virtual nothingness when food and water supplies fail.

Since he no longer lives under natural conditions, Homo sapiens has devised many and varied ways to solve his food storage problems. Let us say it is a long journey which he has traveled from a seed-filled gourd hanging in a fire-

Let's Make This Thanksgiving Day A Safe Holiday

There are going to be lots of enticing odors drifting over the Birmingham-Bloomfield area the day after tomorrow.

They'll be the fragrances and sipping vapors from our kitchens come Thanksgiving morning.

But our busy kitchens often are hazardous spots.

Haste makes waste, and mothers who hurry in these kitchens are headed down the road of careless and costly accidents.

HERE ARE SOME things to watch for on the big day:

Falls are one of the major hazards for adults. Specialists say to protect yourself and others by cleaning up slippery substances at once — spilled water, grease, or foods. Have a safe step stool handy, don't climb chairs, boxes, and other makeshifts when reaching for high shelves.

Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Let's Make This Thanksgiving Day A Safe Holiday

There are going to be lots of enticing odors drifting over the Birmingham-Bloomfield area the day after tomorrow.

They'll be the fragrances and sipping vapors from our kitchens come Thanksgiving morning.

But our busy kitchens often are hazardous spots.

Haste makes waste, and mothers who hurry in these kitchens are headed down the road of careless and costly accidents.

HERE ARE SOME things to watch for on the big day:

Falls are one of the major hazards for adults. Specialists say to protect yourself and others by cleaning up slippery substances at once — spilled water, grease, or foods. Have a safe step stool handy, don't climb chairs, boxes, and other makeshifts when reaching for high shelves.

Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Let's Make This Thanksgiving Day A Safe Holiday

There are going to be lots of enticing odors drifting over the Birmingham-Bloomfield area the day after tomorrow.

They'll be the fragrances and sipping vapors from our kitchens come Thanksgiving morning.

But our busy kitchens often are hazardous spots.

Haste makes waste, and mothers who hurry in these kitchens are headed down the road of careless and costly accidents.

HERE ARE SOME things to watch for on the big day:

Falls are one of the major hazards for adults. Specialists say to protect yourself and others by cleaning up slippery substances at once — spilled water, grease, or foods. Have a safe step stool handy, don't climb chairs, boxes, and other makeshifts when reaching for high shelves.

Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Let's Make This Thanksgiving Day A Safe Holiday

There are going to be lots of enticing odors drifting over the Birmingham-Bloomfield area the day after tomorrow.

They'll be the fragrances and sipping vapors from our kitchens come Thanksgiving morning.

But our busy kitchens often are hazardous spots.

Haste makes waste, and mothers who hurry in these kitchens are headed down the road of careless and costly accidents.

HERE ARE SOME things to watch for on the big day:

Falls are one of the major hazards for adults. Specialists say to protect yourself and others by cleaning up slippery substances at once — spilled water, grease, or foods. Have a safe step stool handy, don't climb chairs, boxes, and other makeshifts when reaching for high shelves.

Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost en route is quite another story.

Use care with sharp knives. Store them separately, wash them it came to the shelves of today's super-market. How much creativity and satisfaction has been lost