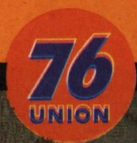
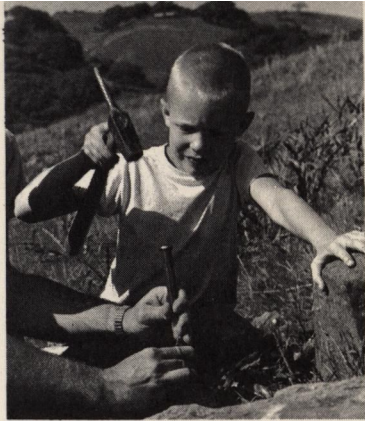


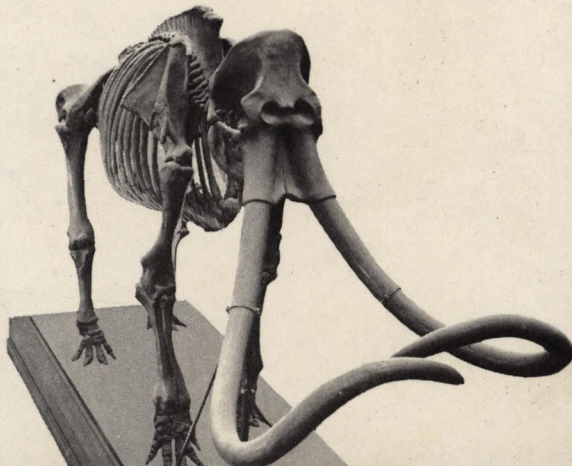
*A WEEKEND ADVENTURE DRIVE*

# Where you can hunt for fossils





**Big bones** from an ichthyosaur (a sea-going dinosaur) or mammoth are rare. Most common fossils: clams, scallops, snails and other marine animals ranging down to microscopic foraminifera.



**DINOSAURS, SABER-TOOTH TIGERS** and mammoths come out of the ground, like ghosts from a prehistoric zoo. Delicate ferns and leaves appear in solid rock, pressed in the folds of time. Clams a million years old lie at the edge of the ocean, and also in the desert, and even on mountain-tops. This is the fascination of fossil hunting—for the weekend amateur as well as the paleontologist.

You'll find small fossil bones, shells, imprints and tracks in sedimentary rocks throughout the West, sometimes exposed by winter storms or high tides. Look for them in road-cuts and canyons, and at the base of cliffs. If you see traces, carefully split off new layers with a chisel or geologist's hammer—and hope for a lucky break.

Whiskbrooms and toothbrushes come in handy for fine cleaning, and a knapsack to carry specimens home. Be sure to report any large fossil, especially of an animal, and collect only outside national and state parks.

Here, from your Union 76 Minute Man, is a guide to the best sites, and the hope you enjoy fossil hunting on your Weekend Adventure Drive.



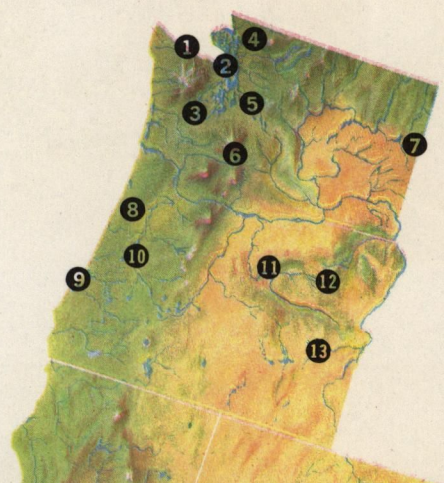
**Eroded sediments** mark a promising fossil field, for the heat and pressure necessary to form harder rock will ruin fossils like this trilobite (extinct) and alder leaf (modern).



**Whalebone** fossil runs in broken sections through a sandstone boulder many miles upstream from the ocean. Fossils can be original material like bones or teeth, rock "molds" left after the material has rotted, or "casts" filled in by natural chemicals. Soaking, washing with detergents and gentle boiling will clean most fossils, others need chipping and scouring.



## WHERE TO FIND FOSSILS IN WASHINGTON AND OREGON



### WASHINGTON

#### ① Strait of Juan de Fuca

Fossil snails, clams and oysters in the sea bluffs east of Pysht—many agatized or silicified.

#### ② Port Discovery Bay

Similar fossils in the east bank of the Bay, plus that rare find—a silicified nautiloid.

#### ③ Porter Bluffs

Along Highway 9 between Elma and Oakville you'll find the same "Strait" fossils plus foraminifera big enough to see and "cannon ball" concretions full of fossil crabs.

#### ④ Bellingham

Leaf fossils, even big palm fronds, south along Chuckanut Drive on Highway 1.

#### ⑤ Seattle

"Strait" fossils in the Highway 10 roadcut about 7½ miles east of the city.

#### ⑥ Packwood

Fossil tree cones in the rock quarry a half-mile east on Highway 5.

#### ⑦ Spokane

Fossil leaves and insects in the Northern Pacific roadcuts south out of Latah Creek.

### OREGON

#### ⑧ Lincoln County beaches

Fossil clams and snails, and sometimes walrus bones, in the cliffs behind the beaches from Fogarty Creek to Yaquina Bay.

#### ⑨ Coos Bay

Fossil clams, snails, sand dollars, crabs and sometimes the skulls of ancient whales and sea lions. Try Cape Arago, Sunset Bay, Yoakam Point and Fossil Point at low tide.

#### ⑩ Eugene

A spattering of fossil leaves and shells, even flowers and salamanders. Check the buff sandstone at the west end of Fern Ridge dam and the dark shale in the roadcut north of the junction of Highways 99 and 58 outside Goshen.

#### ⑪ The John Day Country

From Mitchell east to Dayville, north to Fossil and west to Clarno—a route littered with fossil nuts, leaves and the preserved bones of such prehistoric animals as mammoths and mastodons, some on exhibit in state parks, others undiscovered among the diggings. Best collecting—at Turtle Cove north of Dayville and on the bluff behind the high school at Fossil.

#### ⑫ Greenhorn

Fossil ferns about a mile northeast of town just east of the old IXL mine toward Olive Creek.

#### ⑬ Juntura

Search for fossil plants about eight miles west of town in the Highway 20 roadcut, and fossil animals on the north side of the highway just west of Drinkwater Pass.



## ENJOY YOUR WEEKEND ADVENTURE DRIVE

Wherever you drive in the West, stop in at the Sign of the 76 where you always get The Finest values in products and services...

**Royal 76 and Regular 76 gasolines...**

**Union 76 tires, batteries and accessories...**

**Royal Triton, the amazing purple motor oil...  
and thoughtful Minute Man service.**

