

Continental Shelf Off Oregon Differs From Average Area

Corvallis — The waves that wash the Oregon beaches hide a continental shelf that differs notably from the average underwater area of coasts around the world, according to an Oregon State university oceanographer.

The Oregon continental shelf is narrower, steeper, and deeper than the average continental shelf, Dr. John V. Byrne has found.

The shelf — or the area extending from low water to the first pronounced increase of slope to deeper water — is about 9 miles wide in the Cape Blanco-Coos Bay area; elbows out to about 30 miles off Florence; thins back to about 15 miles below Tillamook; and then broadens out again to about 35 miles off Astoria.

Shelves around the world have an average width of 42 miles, slope only about half as steep as that off Oregon, and an average depth at the outer edge of 430 feet, compared to about 480-600 feet off Oregon.

Studies Ocean Bottom
Byrne whose specialty is ocean geology, has been studying the ocean bottom off Oregon since he joined the OSU Oceanography department in 1960. Before that, he had been a research geologist for an oil company in Texas.

The Astoria Canyon is a unique underwater feature off Oregon also, Byrne notes. The giant canyon is 4 miles wide where it crosses the edge of the continental shelf. It extends out in serpentine fashion some 80 miles to a depth of 6,000 feet. There, its identity as a canyon is lost on Astoria Cone, a fan-shaped

feature that covers an area of more than 3,500 square miles at a depth ranging down to almost two miles.

"High points" are prominent off the Oregon coast too, Byrne emphasized. About 300 miles west of the mouth of the Columbia is Cobb Seamount. More spectacular than Mt. Hood, it rises from the ocean floor, 9,000 feet below, to within 90 feet of the surface.

14-Mile Rise
Stonewall Bank, located 17 miles southwest of Yaquina Bay, is a rise approximately 14 miles long and 9 miles wide with a crest that is only about 120 feet under water. And Heceta Bank, lying approximately 35 miles west of the mouth of the Siuslaw river is a shoal area 25 miles long, 6 to 8 miles wide, and less than 120 feet down.

The two banks and some unnamed shoals lying between them may have possible economic value some day as off-shore oil drilling sites, Byrne believes.

His work is one segment of the extensive program of research under way by the OSU Oceanography department on the ocean off Oregon. The research vessel *Acna*, is used in gathering data.



PAY RAISE DEMANDED—The "Beefeaters" back to the Tudor era when on duty. The guards, who are mainly ex-servicemen, get British Crown Jewels demanded an extra 70 cents a day above their \$30.80 weekly pay and are asking the additional recompense for protecting the tower when it is not open to the public. (UPI)

Ontario Students Injured in Crash

Ontario, Ore. — **UPI** — An Ontario school district bus carrying 44 students and a pickup truck collided on a county road three miles west of here Wednesday.

Eighteen students suffered minor injuries. None was hospitalized. The bus was en route to school.

John G. Bezates, 21, Ontario, the driver of the truck, was hospitalized with a broken leg. Medford W. Roland, 44, Ontario, the driver of the bus, was not injured.

Oregon Supreme Court Decisions

Salem — **UPI** — The Oregon Supreme Court upheld the State Board of Medical Examiners Wednesday in revoking the license of a doctor charged with giving drugs to two women for purposes of abortion.

The high court said the board was warranted, on the basis of testimony from the two women, in finding Dr.

Harold Mintz guilty of violating medical ethics.

The supreme court opinion, written by Justice Kenneth O'Connell, reversed a Multnomah County Court decision.

The lower court had ordered the board to reinstate the license on grounds the board's rules failed to define professional misconduct sufficiently enough to specify the charges against the doctor.

The lower court also said the doctor was charged only with administering drugs, and thus with a mere offer or attempt to commit abortion, rather than with actually procuring an abortion.

Adequate Standard

The high court replied that the term "unprofessional conduct" is an adequate standard. It said the statute is supposed to be broad because of the impossibility of cataloging all the various possible types of professional misconduct.

The high court said the board had a right to believe the two women, and their testimony, in turn, was sufficient to sustain the charge against Dr. Mintz.

In another case, the supreme court upheld Multnomah County Judge Ralph Holman in a case involving a teen-age girl who suffered head and neck injuries when she dove into a shallow pool at Jantzen beach.

The judge, overthrowing a jury, had refused damages to the girl on grounds the pool was adequately posted with "shallow pool" signs.

The girl had contended the pool owners should have called more attention to the fact the pool was shallow on all sides.

The high court replied that signs around the pool gave sufficient notice to a reasonably prudent person.

Other cases:

S. Henry Raz, appellant, vs. Ruth Mills, appeal from Yamhill county, verdict in favor of Ruth Mills affirmed in damage action arising from collision of two cars near Newberg.

Decree Affirmed

Rosemary C. Agrue, appellant, vs. William S. Agrue, appeal from Benton county, modification of wife's divorce decree affirmed except for change in amount of alimony.

Rose L. Howes, appellant, vs. John M. Sherlock, appeal from Tillamook county, ruling in suit to foreclose land sale contract reversed and remanded.

Lee Liston Bryant, appellant, vs. state of Oregon, appeal from Marion county, lower court's ruling that there was not any error in imposing sentence affirmed.

Terrance P. Good, respondent, vs. Clarence Gladden, warden of the Oregon state penitentiary, appellant, appeal from Marion county, lower court ruling voiding Good's sentence reversed.

Roger W. Jensen, appellant, vs. Clarence Gladden, warden, appeal from Marion county, denial of writ of habeas corpus affirmed.

COLLEGIATE PEDALERS

New York — **UPI** — More than two dozen colleges from coast to coast, including Yale, Dartmouth and Rutgers, participated last year, as bike racing made its biggest comeback since the turn of the century, says the Bicycle Institute of America.

Subscribers

To report improper or non-delivery of the Mail Tribune in Medford, phone 772-6141. Ashland call at 416 Bridge St. or phone 482-2092. Yreka, phone Victory 2-2898 before 8:45 p.m. daily and 10:30 a.m. Sunday. If regular delivery arrives shortly after you call please notify office, thus eliminating special messenger service.

SOBBING SIMS SAYS:



ENGINE KITS Shows how engines work. Gas—Diesel—Steam—Jet Regular 2.95 & 3.95 Grab these at only 22¢	SPRAY PAINT 16-oz. 1.79 24-oz. 2.29 Second Can 22¢	H-O RAILROAD BUILDING KITS One Rack Buy One at Regular Price GET 2 FREE	CONTINENTAL BIKE TIRES 26" Middleweight 1.75 or 1 1/4 Racer 26 x 1 3/8 1st Tire 2.88 2nd Tire 22¢ Tubes: 1st 88c Second Tube 22c
PEARL PENDANT NOW ONLY 22¢ Large, gleaming simulated pearl on gold finished metal chain.	GILBERT RACE CAR SET \$22.22 5.95 Ea. Switches 2.22 pr.	STEEL WHEELS For wagons, carts or Rotary Mowers Ball Bearings: 10x1.75 (4.95) 2.88 8x1.75 (4.50) 2.66 6x1.75 (3.95) 2.22 PLAIN BEARING: 10x1 (3.75) 1.77 8x1 (2.95) 1.44 5x1 (1.75) 66c	USED BIKES 16" girls 4.88 16" Evans girls 9.88 20" Evans girls 12.22 20" Murray boys 12.22 20" Fleet girls 16.88 MANY OTHERS NEW 10 SPEED MONARCH BICYCLE 48.22
SCIENCE SETS LIONEL: Mark I Electronics Lab (9.95) 2.22 Mark IV Electronics Lab (25.00) 6.22 Mark I Communications Lab (9.95) 2.22 Mark II Communications Lab (19.95) 4.22 Mark III Communications Lab (29.95) 6.22 Mark IV Communications Lab (39.95) 12.22 Mark I Plastics Lab (7.95) 2.22 Mark III Plastics Lab (19.95) 4.22 Mark IV Plastics Lab (25.00) 6.22 HEATH KIT: No. 2 Electronics Experiment Lab (17.95) 12.22 No. 3 Electronics Experimental Lab (29.95) 18.22 GILBERT: Physics Experiment Lab (9.98) 2.22 Physics Experiment Lab (16.98) 4.22 500 Power Microscope Lab (24.98) 8.22 500 Power Microscope (13.98) 4.22 PORTER: Biology Lab (9.98) 4.22 425 Power Microscope Lab (9.98) 2.22 PERFECT: Imported Microscopes: 900 Power with Accessories (28.95) 12.22 675 Power with Accessories (11.95) 6.22 GENERAL ELECTRIC: Assorted 3.95 Science Kits 2.22 Electronic Lab (14.95) 9.22 Transistor Radio kit (17.95) 10.22 Electronic Lab (19.95) 12.22 Transistor Radio Kit (14.95) 9.22 ANALOG Computer Kit (16.95) 10.22 LAB of Air Experiments (3.98) 88c LAB of Jets & Rockets (3.98) 88c PHYSICS of Light Waves Lab (4.95) 88c MICROSCOPE SLIDE ACCESSORIES: Storage box for 100 slides (2.49) 1.22 Slide Preparing kit (2.00) 1.22 Slide Dye Kits (2.49) 1.22 12 Two well slides (1.49) 88c	USED LAWNMOWERS 18" Iron Horse Rotary 12.22 18" Eversharp (Briggs engine) 18.88 19" WardMaster Rotary 14.88 18" Reo Reel type Mower 19.88 18" Jacobsen Reel type 18.88	H-O MODEL RAILROAD MANTUA kits (box cars, etc.) (1.79) 98c TRU SCALE kits (regularly 1.69) 88c Electric Freight Depot (9.98) 6.88 REVELL Operating Hopper set (6.95) 4.22 TYCO Operating Hopper set (6.77) 4.88 Ready to Run Box Cars, etc. from 88c LOCOMOTIVE (F-7 Diesel), (6.95) 4.88	IMPORTED FRENCH FRY CUTTER While They Last 22¢

Washington's Birthday Sale

Westgate Variety Only!

★ **FRIDAY ONLY** ★
Starting at 9 A.M. Sharp!

By George! these prices are chopped

WHILE THEY LAST!

BABY DRESSES
Sizes 12-18 Months
Values to \$3.98
27¢ ea.

Girls COTTON PANTIES
Sizes 8-14
2 Pair **25¢**

Men's CREW SOCKS
Reg. 79c
3 for **1.00**

Set of Four PLASTIC Cups & Saucers
Reg. 69c Set
2 Sets **69c**

Men's SPORT SHIRTS
Reg. 4.95
2.89 ea.

FLORAL Arrangements
Values to 98c
10¢ each

CLOSEOUT on GLASSWARE
Butter Dish, Tumblers, etc.
Each

6 TRANSISTOR RADIOS
Leather Case and Attachments.
Each **\$9.95**

4 TRANSISTOR TAPE RECORDER
Mike, Tape and Batteries
Each **\$19.95**

IRONING BOARD PAD & COVER
Silicone Cover — Regular 1.29
Set **59c**

Silicone IRONING BOARD COVER
ONLY! — Regular 69c—
Each **49c**

BOYS BULKY KNIT SWEATERS
Cardigan or Slip ons—
Values to 4.98—Each **87c**

V-NECK SWEAT SHIRTS
Sizes 10 to 16
Regular 2.49—Each **99c**

BOYS & GIRLS CAR COATS
All our remaining stock.
Regular 3.98 — Each **87c**

BUFFERIN 100's
Regular 1.29.
Bottle **87c**

PASTEL TINTS
Envelopes and Tablets.
Regular 23c — 2 for **29c**

WICKER BASKETS
Nice Assortment.
Your Choice **99c**

BADMINTON SETS \$1.49 Double Sets \$5.95
Single Sets **99c plus tax**

WATCH BANDS
Metal Expansion, Fully Guaranteed.
Values to \$4.95—Each **87c**

BOXED CHOCOLATES
1-Pound Box **87c**

BOB PINS
Rubber Tipped, Bronze or Black.
Regular 25c — Card **9c**

PLASTIC BOWL BRUSH
Each **49c**

RIDGEWAY BLANKETS
72" by 90", Prints or Solids.
12.95 Value — Each **\$7.87**

Colorful BATH SPONGES
Regular 39c **2 FOR 39c**

COTTON PRINTS
Values to 69c yard. **5 YARDS FOR \$1.00**

White OUTING FLANNEL
36 inches wide. **5 YARDS FOR \$1.00**

GIRLS CORDINA DUSTERS
Sizes 4-14 — Lots of Colors.
Each **\$2.98**

SISAL ROPE
One-quarter inch.
100 feet **79c**

Oregon FOOD STORES

MEDFORD—Westgate Center Only!
We Reserve the Right to Limit Prices Effective Friday Only!

SIMS Cycle & Hobby Shop
23 North Fir 772-2472