

Scientists 'Wash' Oil For New Motor Fuels

Two scientists here are "washing" petroleum to find new and better fuels for use in automobile and airplane engines. According to Dr. Merrell R. Fenske of the department of chemical engineering, and Dr. Kephah A. Varteressian, assistant in petroleum research, the "washing" is done to eliminate undesirable substances in gasoline.

Women in Sports

By CAROLINE TYSON
The senior basketball team made history in woman's sports Monday night when they completed their fourth basketball season with a clean slate of victories. They hit a 31-to-16 score from the sophomores, second-year team of this season. Ginny Goodman and Alice Nixon scored 20 and 11 points respectively, while "Bertie" Wright and Marge Beaver were the outstanding forwards on the sophomore team.

The freshman six defeated the juniors with a 28-to-10 triumph Monday night. This was their second tally in the inter-class competition, the first outcome having been in the junior's favor. "Dimmy" Nixon was the high scoring forward on the freshman line while Helen Ketner and Gene Giddings chalked up the junior points. Vivian Harper and Ginny Bowman, centers, excelled on the freshman line with their steady co-operation.

After a round of eliminations in rifle competition on Tuesday, 50 prospects remained as possible markswomen for the varsity team. Further eliminations will be held after exam week, until a squad of 30-35 members have been selected.

The initial inter-collegiate match will take place on February 25. Last year's team members are again urged to attend the regular practices every Tuesday and Thursday at 4 o'clock. These practices will be suspended until February 4.

The swimming carnival proved to be a grand success among this year's more unique features of woman's sports. The evolution of the bathing suit resurrected styles from the early year of 1900 to the abbreviated togs of 1937. The diving family performed with rare or individuality after expressions of timidity or perhaps it was the odor of moth balls in their suits of "yore." Mary Elizabeth Rhodes swam to the lime light of form swimming as she exhibited the Australian crawl and back stroke.

Swimmers Will Meet Pitt Here Tomorrow

Henderson, and Bob Devent, will be up against Lock in the 220 and 440 freestyle events. Cumming will also swim the back-stroke with Dick Geiger.
An interesting feature of the meet is the addition of a medley relay to the swim program. A medley team is composed of three men, each using different strokes. The Lions, for this event will have Dick Geiger, swimming the back-stroke, Gil Burleigh, the breast-stroke, and Ken Bunk, the freestyle. The regular relay team will be made up of Art Lehman, Bill Helriegel, Charlie Welsh, and Ken Bunk.

Lion's 50th Tilt With Panthers Recalls 1st Game Back in 1906

"On Monday our boys walloped the Western University of Pennsylvania team 30-to-4. Great Work! Success to our varsity!"
That was the way the STATE COLLEGIAN told the story ten days after the "White and Blue" defeated W. U. P., now the University of Pittsburgh at Pittsburgh on March 5, 1906. It was the first basketball game between the two schools.

Lion Floormen Defeat W. Virginia, 28-to-21

(Continued from page three)

It will be the fiftieth game of a series that started in 1906. State won twenty-four of the battles with Pitt taking one more. At the present time the Panthers are tied for second place in the league, having defeated Temple 32-to-28 and Carnegie Tech 30-to-26. They bowed before the "dark-horse" Hoyas of Georgetown, 30-to-27.

Only two players of last year's varsity regulars are back on the Panther line-up. They are Jesko, forward, and Johnson, guard. Others who will probably see action are Loucks, Radvansky and Zelznick, forwards, Garcia and Spotovich, centers; and Rowe, guard.

Penn State fans will have a chance to see some more fast playing Monday night when the Carnegie Tech team play here. The game, originally scheduled to be played at Pittsburgh, was changed this week. It will be the thirtieth contest between the two schools, State holding the edge with twenty-four victories to six for the Tartans.

The Skibos are tied with the Panthers in league standing, their only defeat being Pitt's 30-to-26 victory. The team took over Georgetown, 25-to-17 and West Virginia, 46-to-37.

Wyand Publishes Book On Modern Economics

"The Economics of Consumption" has been completed by the author, Prof. Charles S. Wyand, of the department of economics, and will come off the presses of the MacMillan Publishing Company during the first week of February.
In his first book, Professor Wyand has made an effort to "evaluate the present economic condition of the consumer and the relation between the producer and the consumer in our present day economics."

tween the two schools. Tomorrow night the Lions will again meet the Pitt team. It will be the fiftieth game of the series in which the Panthers hold the edge with twenty-five victories to twenty-four for Penn State.
The tilt with W. U. P. was one of the last the Lions played that year. They left State College with four battles ahead of them. The one following the W. U. P. game was State's initial tilt at West Virginia. The Lions came home with plenty to say. Their "only regret" was that they didn't take the wrestling team along. The referee stood at the far end of the court and read a book during the game. The line-up that appeared in the COLLEGIAN, instead of listing the names of the Mountaineer players, referred to them as "breast-protector, nose guard, shin guard, spikes, etc." State "scored ten falls, West Virginia fourteen." An editorial in the same issue said that "without doubt athletic relations between the two schools were ended." And it was twelve years before the Lions went back to Morgantown.

But State had a successful season that year. They won six of their ten games. Manager M. B. King was pleased with the team. Captain Heaton received congratulations. So did Yeckley, Foltz, Wahn, Caswell and Du Barry, who were also on the team.

Freshmen Wrestlers Oppose Mercersburg
Penn State's strongest freshman wrestling squad in years will leave here this noon for their meet with Mercersburg Academy tomorrow night. Coach Bob Higgins, although not knowing the strength of the Mercersburg team, is fairly confident of a victory.

Under the guidance of Sammy Wolfson, State's 118 pound inter-collegiate wrestling champion last year, Higgins held an elimination tournament in order to select a team for the Mercersburg meet. Both the 126 and 145 pound classes are as yet undecided, with Carl S. King and David M. Waite fighting for the 126 pound post, and Joseph F. Saporito and Roy F. Gensler, the 145 bracket.

Those who have cinched their positions on the team are: 118-lbs; Charles T. Edwards; 135-lbs, Herman W. Shmukler; 155-lbs; Lloyd G. Smith. 165-lbs, Paul G. Hess; 175-lbs., Wayne E. Bortz; heavyweight, Charles H. Miller.

Hiking Map of Local Trails Available Now

Ray Conger, instructor in the school of physical education and athletics, has announced the printing of a trail map of the interesting sectors around State College for hikers.
The map covers the section from Boisburg and Pine Grove Mills to Greenwood Furnace, taking in such places as Whipple's Dam, Musser Gap, and Bear Meadows. Trails are shown on the map for hikes up to a distance of 15 miles.
The map will soon be sent to all fraternities and clubs. Individuals desiring copies of this may secure them by calling at Conger's office in Recreation Hall.

Campus Bulletin

TODAY
Hillel Fellowship will meet in room 405, Old Main, at 7 o'clock. Rabbi Fischoff will speak on "Jewish Humor."

Life saving tests for men will be held this morning from 9 to 12 o'clock. Students interested in taking the life saving course for the second semester may sign up with Allan Simpson at Theta Xi.

SUNDAY
Favorite hymns and poems will be the theme at the Westminster Fellowship of the Presbyterian Church at 6:15 o'clock. Members should bring a poem to be read.

TUESDAY
The Freshman Forum will meet in the Hugh Beaver Room at 7 o'clock for an informal discussion period.

MISCELLANEOUS
Senior invitations are now at the Student Union office.

The Student Union will hold a mid-semester dance on Saturday, January 30. Bill Bdtorf will play.
The Penn State Club's regular meeting will be held on Friday, February 4, in room 405, Old Main, at 8 o'clock.

CLASSIFIED

BALLROOM DANCING INSTRUCTION—Learn the new swing ballroom dance steps. Individual social dancing instructions. For appointment call 3218 or see Mary Hanrahan, Eye Apartments, 200 W. College avenue.

FOR RENT—One room and 1/2 room second floor, single beds. 120 S. Burrows street, or Dial 2297.
TYPEWRITERS—All makes expertly repaired portable and office ma-

chines for sale or rent: Dial 2342. Harry E. Mann 127 West Beaver Ave. 38 yr. G. D.

WANTED—Four-room unfurnished apartment by College employee. Reply to Box A Student Union office. 129-2t ch-GD

IF YOU WANT to rent a room, sell a house or buy a horse, place a Collegian classified at the Student Union office. 1391t Co GD

FOR SALE—Eight tube super heterodyne R. C. A. radio in good condition. Dial 2137. 142 2t pd. B. B.

WANTED—Ride to Philadelphia late afternoon, January 23. Call Lois at 3482. 1t co. C. M. W. jr.

WANTED—Ride to Philadelphia late afternoon, January 29, call Wheeler at 2012. 1t co. C. M. W. jr.

LOST—Phi Mu sorority pin Tuesday between Mac Hall and Grange and Buckhout Lab. Mary West on back. Return to Student Union office. Reward. 146-1t ch GD

LOST—Schaffer's reddish brown ever-sharp in N.L.A. bldg. Finder please return to Student Union office. 147-1t pd BB

ROOMS FOR RENT—If you are thinking of making a change for next semester why not try the Harter Club, where you have board, hot and cold running water? 122 W. Nittany Ave., Dial 679. 148-1t pd BB

ENTERTAINMENT—The Student Union will hold a mid-semester dance on Saturday, Jan. 30. Bill Bdtorf and his band will play. 143 it pd. G. D.

FOR RENT—Room with running water, inner-spring mattresses. The Colonial. 123 W. Nittany. Phone 3881. 181-4t pd GD

WANTED—Ride to Hagerstown, Annapolis, Washington, Baltimore or vicinity between semesters. Phone 2982 and ask for "Lu." 144-1t pd GD

DO YOU WANT to lose the Blue-book Blues? Go to the Student Union Mid-semester Dance Saturday, Jan. 30. "Bill" Bdtorf and his band will play. 144-1t ch GD

LOST—Gold Ring with black onyx set with diamond in onyx. If found please return to Student Union. Reward 145-1t pd GD

When in doubt about a room—Remember there's comfort at low rates at

COLONIAL
115 W. Nittany Ave.
STATE COLLEGE, PA.
HOSPITALITY OF HOME
COMFORTS OF INN IN
ALL ROOMS—RUNNING WATER
STITZER MANAGEMENT


WHILE RELAXING FROM FINALS
—VISIT—
BOOTS' DINER
110 E. College Ave. BOOTS RIPKA, Prop.

SUBSTANTIAL REDUCTIONS
ON ALL
WINTER DRESSES
PATERSON HOSIERY SHOP
Old Main Art Shop Bldg.

CATHAUM
Shows at 1:30, 3:00, 6:30, 8:30
Complete Show as late as 9:05 p.m.
TODAY ONLY
DEATH RIDES A TRANS-ATLANTIC PLANE!
A WEAKENED WING!
A SCREAMING DIVE!
A CRASH IN THE RAGING SEA!
CRACK UP
PETER LORRE
BRIAN DONLEVY
HELEN WOOD
RALPH MORGAN
THOMAS BECK
SATURDAY ONLY

Naturalized Technicolor
The History of Motion Pictures in COLOR really STARTS with this production—For the first time, one is conscious only of the BEAUTY—not of the coloring... Here is the Grandeur of the Great Northwest—captured by the magic brush of Living Color!
"Truly... 'God's Own Country'"
GODS COUNTRY AND THE WOMAN
The thrilling tale by JAMES OLIVER CURRIE...
GEORGE BRENT
BEVERLY ROBERTS
BARON WACHLANE ROBERT BARKAT - ALAN HALE
Joseph King - Joseph Groban
El Brendel - Addison Richards
Also: "Jimmy Linceford and his famous Orchestra"—a Melody Master Short.

MONDAY
Also at the Nittany Tuesday
THE BEST PLAY OF THE YEAR
Triumphantly the Screen Presents the Play that Conquered Broadway!
New York Critics Award
Maxwell Anderson's Passion stage sensation, with the stars who created its heart-stirring roles...
WINTERSSET
With BURGESS MEREDITH and MARGO - Eduardo Ciannelli John Carradine - Edward Ellis
RKO-RADIO PICTURE
Directed by Alfred Santell

NITTANY
Evenings at 6:30 and 8:30
Last Complete Show 9:05
Matinee Every Saturday 1:30
TODAY ONLY
A RETURN ENGAGEMENT

Barbara **STANWYCK**
Robert **TAYLOR**
in *His Brother's Wife*
JEAN HERSHOLT
Joseph Calleia
SATURDAY ONLY
We've got the Public Enemies in jail... BUT CAN WE KEEP THEM THERE?
"JAILBREAK"
A bullet-streaked sensation with June Travis, Barton MacLane, Richard Purcell, Eddie Acuff.
It's Murder In The "Big House!"

ANNOUNCING...
Fairview Heights Development
LOTS NOW READY FOR SALE » » THREE BLOCKS IN A FINE RESIDENTIAL SECTION.
One block open on Fairmount Avenue, Nittany Avenue, and Patterson Street, with wide, well-built streets, curbs, sidewalks, sanitary and storm sewers, water on inside of each lot, front street planting and rear street planting (rear street planting and center street planting on Fairmount Avenue not complete---to be finished when weather conditions permit.)
EVERYTHING IN READINESS TO BUILD
All lots of generous size, all for residential purposes; no double houses, fraternities, stores, gas stations; nothing for commercial purposes. Sensible restrictions for mutual protection.
PRICES ARE MODERATE
Open for inspection. Complete details will be gladly furnished upon request.
MAURICE BAUM
Owner
GORDON D. KISSINGER, Selling Agent
Peoples Bank Bldg., State College

END OF SEMESTER NEEDS
REVIEW BOOKS (All Courses) * THESIS COVERS * See Our List of "BOOKS WANTED" Bring in Your List of Books For Sale * REPORT PAPERS * MANILA FOLDERS
OPEN EVENINGS **KEELER'S, Cathaum Theatre Building** OPEN EVENINGS