

the daily sports



Senior Deb Malone (27) is just one member of an intense Lady Lion defense that helped shut out Bucknell 7-0 yesterday in the team's opener at Bucknell. Malone, however, didn't restrict herself to defense as she also contributed a goal.

Stickgals burn Bucknell; score 7 goals in opener

By JUSTIN CATANOSO
Daily Collegian Sports Writer

LEWISBURG—A bomb's fuse is only so long.

The women's field hockey team, which has been burning to get started since late August, exploded past Bucknell 7-0 yesterday, unveiling a fast, physical and multi-talented squad.

"It really was like an explosion," Penn State coach Gillian Rattray said. "The girls have just been leashed for so long and they were really raring to go for this first game."

Scoring Penn State's other goals were freshman wing Brenda Stauffer, whose speed and stickwork dazzled the Bisons, and senior link Deb Malone, assisted by her link-mate Mary Sue Patterson.

Essentially, Penn State completely dominated and controlled the offensive possessions throughout the game. The defense, playing its usual intense, swarming game, thoroughly shut down the Bucknell attack. Proof of this was junior goalie Jeannie Fissinger being called on to make just one save.

"The good thing about our defense is they have the composure to recover and they always back each other up," Rattray said. "There are no outstanding individuals, but they play super as a unit."

But the individuals who make up the unit should not go unnoticed. Rare were the times when Bucknell was able to



Baltimore manager Earl Weaver, arguing with the umpires about a strike three foul tip, can't be upset with the way his troops have played this season. The Orioles have cut the magic number down to three, going into last night's game, in their quest for their first American League East championship in five years.

Baltimore closing in on title; ready to celebrate

BALTIMORE (AP)—The Baltimore Orioles no longer have their own legitimate superstar, missing at least 14 starts because of various physical ailments, the Orioles have posted the best record in the major leagues.

Outstanding pitching and a tight defense is once again the hallmark of a team which seldom defeats itself because of its attention to fundamentals.

But the hitting has been timely and Baltimore's total of 168 home runs is only 11 short of the club record set in 1970 when the line-up included Frank Robinson, Boog Powell and Brooks Robinson.

Contributing to the early success, which seemed to feed upon itself, was an amazing penchant for coming from behind to snatch victory from the jaws of defeat.

But with Jim Palmer, their only legitimate superstar, missing at least 14 starts because of various physical ailments, the Orioles have posted the best record in the major leagues.

With five dates remaining on the schedule, the club will easily surpass 1,600,000 in attendance, topping the previous high by more than 400,000.

Outfielder Ken Singleton and pitcher Mike Flanagan have been the steadiest performers. Singleton has career high 35 homers and 110 runs batted in, while hitting .303, and Flanagan has a 22-7 record with a 3.19 earned run average.

But there's been lots of help from many sources, including the bench which constitutes what Manager Earl Weaver refers to as his "deep depth."

Walton's signing costs Clippers four players

NEW YORK (AP)—In the largest compensation award in National Basketball Association history, commissioner Larry O'Brien awarded three players and a No. 1 draft choice to the Portland Trail Blazers yesterday as payment for the signing of veteran free agent center Bill Walton by the San Diego Clippers.

In his monumental decision, the commissioner awarded forward Kerrin Washington, center Kevin Kunnert, guard Randy Smith and a 1980 first-round draft pick to Portland as compensation for the signing of the 6-11 Walton, who signed a five-year, \$1 million per year contract with the Clippers last May 12.

However, O'Brien gave the Clippers an option to retain the high-scoring Smith, the most valuable player in the 1978 NBA All-Star Game. He ruled that if the Clippers paid \$500,000 and assigned their 1982 first-round draft selection to the Blazers, they could keep Smith.

The outspoken, 26-year-old Walton said he did not agree with the commissioner's decision.

"I don't think it was fair," he said

Golf more than hobby to Boyle family

By RON GARDNER
Daily Collegian Sports Writer

Golf may be just a hobby for the average weekend golfer, but to Penn State golf coach Joe Boyle and his two sons, Job and Mike, it's more like a way of life.

The Boyle family has been associated with the Penn State golf program since 1947 when Joe started a three-year stint as a member of the golf team, serving as team captain his senior year.

After he graduated in 1950, Boyle got the chance to coach when he was hired as the assistant golf coach and physical education instructor. In 1957, both Rutherford and Boyle got the nod as head coach.

Twenty-three years later, Boyle has an enviable 192-57-1 record in dual meet competition and eight Eastern championships under his belt, including the championship team he played on in 1946.

"We try to run a good golf program here at Penn State," Boyle said, "but we're not a golf mill. I've talked to a lot of the players after they've graduated and they told me that they got

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Sportsmedicine helps cure athletes' aches, pains

Editor's Note: This is the first of a three-part series dealing with sportsmedicine. Today's article talks about the development of sportsmedicine and its importance.

By RON GARDNER
Daily Collegian Sports Writer

Americans by the millions have been caught up in the recent fervor to shed extra layers of fat, firm up flabby muscles and join the ranks of the physically fit.

A 1977 Gallup poll reveals that almost 55 million Americans exercise daily, almost twice the number recorded in 1961.

Interest in competitive sports is also at an all-time high. Men and women of all ages are flooding the nation's ballfields, gymnasiums, tennis courts, ice rinks and golf courses every competing.

But as the number of participants goes up, so does the number of sports-related injuries. Physicians, already overburdened with general injuries and illnesses, were crushed by the additional caseload of athletic maladies.

This factor, and increasing concern for the care and prevention of athletic injuries, provided the impetus for a new specialized branch of medical science called "sportsmedicine," although it is not officially recognized by the American Medical Association.

Gabe Mirkin, co-author of "The Sportsmedicine Book," defines sportsmedicine as the science that deals with the physiological, anatomical, psychological, and biochemical effects of exercise, and includes such diverse concerns as training methods, the prevention and treatment of injuries, nutrition and the effect of weather on the athlete.

To pass on the aspects of sportsmedicine to the athletes, there has been an increase in the number of physiologists, kinesiologists, podiatrists, physical therapists, trainers, chemists, nutritionists and physicians that are specializing in the problems of athletes.

James Hochberg, coordinator of the sportsmedicine program at Penn State, said that many factors led to the "sportsmedicine boom" in the United States.

"First of all, there is increased concern, intercollegiate and interscholastic, about sports injuries," Hochberg said. "There was definitely a need for better care of the athlete. Parents were becoming concerned and began putting pressure on the school boards, who told the parents to write to their congressmen."

During the past Congress, the Dalmans Bill was introduced requiring that schools and colleges have available an athletic trainer as a means of reducing the

number of injuries caused by sports activities and to minimize their long-term effects. The bill did not reach the floor for action.

"Congress tabled the bill to do a feasibility study on it," Hochberg said. "And they found that there were not enough certified people to fill all of the positions. This indicated the need for more qualified people in the field."

Hochberg also said that the dramatic increase in sports participation contributed to the current growth of sportsmedicine.

"With the increased sports activity in laypersons," Hochberg said, "the general doctors simply weren't used to all of these sports-related injuries."

The liability problem did more to promote the boom in sports medicine than anything else. Teams needed qualified people to care for injuries and the equipment used by the athletes.

—W. James Hochberg, Penn State coordinator of sportsmedicine

"Today's physician is overloaded with general injuries, and with the increased number of sports-related injuries, family doctors became severely overloaded," Hochberg added. "In the past, doctors would donate their time to local high schools to serve as their team physician. But with the increased caseloads, it is difficult for doctors to find time to donate."

In addition, many schools were involved in legal action involving injury care and faulty equipment. Out of necessity, these schools and many others hired qualified people to prevent legal liability.

"The liability problem did more to promote the boom in sportsmedicine than anything else," Hochberg said. "Teams needed qualified people to care for injuries and the equipment used by the athletes."

All of these variables contributed to the appearance of the certified athletic trainer, a chief proponent of the sportsmedicine boom, at high schools and universities all across the country.

"Today's athletic trainer is more than a glorified water boy, as he was thought to be in the past. He is trained in emergency first aid procedures, anatomy, physiology, kinesiology, psychology, nutrition, exer-



Penn State trainer John Simpson takes part in the university's sportsmedicine program as he tapes Lion punter Ralph Giacomarro. W. James Hochberg, coordinator of sportsmedicine at Penn State, says that pressure on athletes' parents has been one of the more important reasons for the development of a specialized branch of medical science called sportsmedicine, which deals with the prevention and treatment of injuries, and the effects of exercise.

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