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Harold Skelley, Chief Engineer of Inland Steel, presents the \$1000 Inland Steel-Ryerson Foundation Outstanding Teacher Award to Dr. Thad Smith, associate professor of political science, as Pres. Sam Hulbert looks on.

Professor Thad Smith receives Inland award

Dr. Thad D. Smith, associate professor of political science at Rose-Hulman, received the Inland Steel-Ryerson Foundation Outstanding Teacher Award during the Rose Tech Alumni Association homecoming awards recognition Saturday morning.

Presentation of the Inland-Ryerson award and the check for \$1,000 to the recipient marked the second major teaching award received by the 40-year-old educator during his tenure at Rose-Hulman. Professor Smith was named the Dean's Outstanding Teacher in 1977.

Saturday's awards recognition program marked the first time the Inland-Ryerson award was given Rose-Hulman. Since the establishment of the Inland-Ryerson Foundation in 1957, support of higher education has consistently remained a primary area of Foundation grants. This support has been based on the conviction that private enterprise and independent colleges and universities are two of the principal non-governmental institutions in our society.

With this in mind, the foundation established a program specifically directed to honor and give recognition to outstanding teachers — the men and women without whose commitment a college education would not be possible.

Any full time instructor, assistant, associate or full professor in any field of undergraduate teaching is eligible for the award. Selection was made by a panel comprised of Dr. Duane F. Bruley, vice president of academic affairs and dean of faculty; Robert Steinhauser, professor and chairman of the Department of Civil and Mechanical

Engineering; Dr. Herbert R. Bailey, professor of mathematics; and Daily S. Hill, president of the student body.

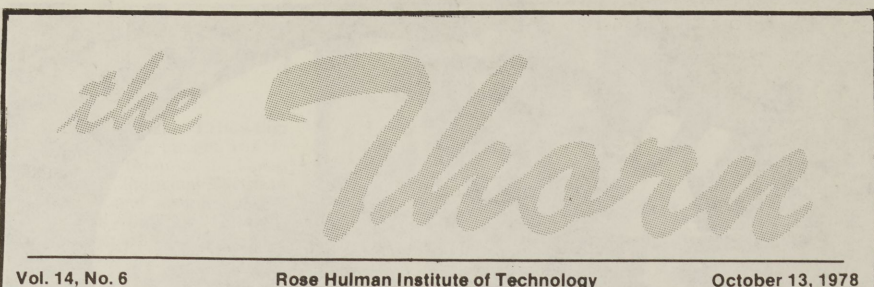
The award guidelines state that an outstanding teacher should stimulate undergraduates in the class room, challenge his faculty colleagues, and contribute to the educational spirit on the campus.

Professor Smith, a member of the faculty since 1972, does all these items well. A native of Pomona, Calif., he earned a B.A. in zoology and chemistry from Pomona College in 1960. Smith received an A.B.D. in government from Claremont Graduate School in 1964 and the Ph.D. in political science from Claremont in 1974.

Prior to joining Rose-Hulman he taught and was dean of students at the prestigious Webb School of California from 1960 to 1966. He served as an instructor at Harvey Mudd College, an engineering school with much the same philosophy as Rose-Hulman, from 1963 to 1972.

Professor Smith's popularity and respect are illustrated by the population of his classes and the campus-wide definition of "The Thad Test." His competence as a teacher and leader among the faculty is evident through the many commissions and ad hoc committees he has been asked to serve and the fact that the faculty has twice elected him to represent them on committees of the Board of Managers.

He personally has promoted political science and the humanities to new heights on the Rose-Hulman campus and is a valuable member of the team which created and operates Rose-Hulman's unique Center for Technology Assessment and Policy Studies.



Students given awards during fall convocation

Fourteen students received awards at the annual Fall Honors Convocation last Tuesday, October 10.

Dr. Hulbert presented junior chemical engineering major Dwight Dively with a plaque recognizing his selection as a Harry Truman Scholar. The award goes to one top student from each state in the nation, and entails a scholarship worth \$20,000 over four years. Dively was chosen as the winner from the state of Washington.

Dr. Jess Lucas congratulated all those who earned class honors, a 3.1 GPA or higher, during the previous year. Last year, 449 students out of 1053 achieved this distinction or 43% of the student body. 113% of last year's 235 seniors, or 48% of the class, earned the honor, as did 94 (43%) of 219 juniors, 123 (44%) of 280 sophomores, and 119 (37%) of 319 freshmen.

Four students were cited as recipients of the Hemingway Award, which recognizes the highest scholastic average at the end of the freshman year. Winners of the award were Mike Call, Tim Drabik, Jeff Dycus, and Mike McCullough, all with a perfect 4.0 average.

The Bogart Award recognizes the top student at the end of the

sophomore year. This year there was an unprecedented three-way tie, with Dwight Dively, Jerry Fish, and Bob Luoma each having 4.0 GPA's. The three were presented with \$100 checks and will receive Nordic Bronze medals.

Tim Jackson received the sterling silver Wischmeyer Medal, recognizing the student with the highest academic average after the junior year.

The CRC Freshman Chemistry Achievement Award went to Mark Stewart. The Undergraduate Award in Analytical Chemistry was presented to Dale Campau.

The chemical engineering department presented the E. Dean Powell Award, recognizing the outstanding junior in the department to Dwight Dively. The award includes a \$100 check, and the recipient's name is placed on a permanent plaque in the hall. The department's Pfizer Award, recognizing the outstanding senior, went to Eric Matovich.

Earl Stalter received the Shelton Hannig Award, given to the outstanding civil engineering senior. Earl received a \$100 check and his name will be placed on a permanent plaque in

the civil engineering department.

The E.A. MacLean Award in Engineering Mechanics was presented to George Bowman.

Tim Drabik received a Certificate of Merit from the mathematics department in recognition of his outstanding achievements. The sophomore tested completely out of calculus, and completed several advanced math courses during his freshman year, including differential equations, Boolean algebra, and complete variables.

Mike Call and Bob Luoma received Prindle, Weber, and Schmidt Book Awards, from the math department for their participation in the company's annual problem-solving contest.

The mechanical engineering department presented the Cummins Company Award, honoring the outstanding senior in the department, to Pete Hylton. The award includes a plaque and a check for \$100.

Bob Luoma received the department's Mueller Company Award, presented to an outstanding student at the end of the sophomore year. Bob received a plaque and check.

The John W. Rhee Award, honoring the outstanding senior physics major, went to Mike Simmons.

Orienteering hosts meet

by Peter Kehoe

Orienteering is a sport of navigating by use of a map and compass through natural surroundings. It is becoming an increasingly popular sport in the United States. Exercise and the opportunity to get in touch with nature are two of many benefits offered by this sport.

This Saturday, October 14, the Rose Orienteering Club is sponsoring a regional, Class B, Orienteering meet. The meet will be held on Rose's campus. There are three different courses for different levels of experience. The White course is the beginners course. The course is 1 1/2 to 3 kilometers long (0.9 to 1.8 miles). At this level there are categories for men, 17 years and under; women, 17 and under;

men, 18 and over; and women, 18 and over. The Orange course is the intermediate level. It is 3 to 5 km long (1.8 to 3 miles). Categories include: men, 15 to 18; women, 15:18; men, 19-35; women, 19-35; and men and women 35 and older. The advanced course, the Red course, is 5 to 7 km long (3 to 4.2 miles). There are three categories at this level: men 19-35, women 19-35, and men 35 and older.

The meet is open to all comers, and a clinic will be held prior to the meet for beginners. The clinic will begin at 10:30 a.m. Those interested should meet in front of the Field House.

Beginners will be shown how to use a map and compass as well as being told general

information on the sport.

Registration is from 10:00 to 11:30 a.m. Pre-meet announcements are scheduled for 11:45, and the meet is to start at 12 noon. Awards will be given to the top five competitors in each class. Fees will be \$1.50 for the White course and \$3.00 for the Orange and Red courses. There is a \$0.50 discount for USOF members. Maps will be provided and compasses will be rented on a first come, first serve basis. Some identification such as Student ID should be brought also. The underbrush around the area is very thick so suitable clothing should be worn. If you have any questions, contact Mike Sigmund, Box 801, or Sergeant Brick Burks of the Army ROTC Department.

Board revises fees

by Eric Blair

The Board of Managers voted to increase room and board charges for the 1979-80 school year and approved expansion of the campus radio station WRTR at the regular fall meeting last Friday.

Beginning next year, the rate for rooms on campus will be \$175 per quarter in the freshman dorms, and \$185 per quarter in the upperclass dorms. This represents an across-the-board hike of \$15 per quarter. Cost of the basic 13-meal plan will be \$300 per quarter, up from \$290 this year. The 12-meal plan, currently \$270 per term, should experience a similar increase.

The total cost for room and board next year will be \$1,455 in the upperclass dorms, a 5.4% increase over the \$1,380 figure for this year. Dean of Students Jess Lucas indicated that the

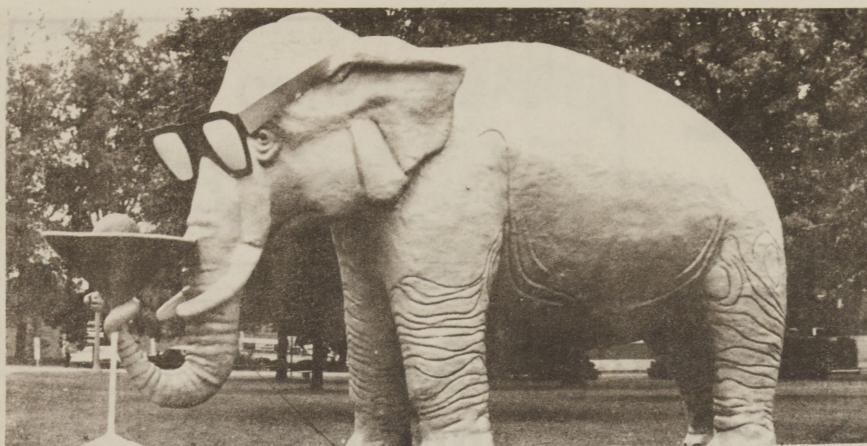
new figure is expected to be in effect for two years; thus the net cost increase amounts to about 2.7% per year, well below the inflation rate. One of the reasons for the relatively low increase is the fact that the board cost with Macke is significantly lower than with SAGA.

Lucas was also quick to point out that room and board costs at Rose are lower than most other schools. He cited examples of Purdue (\$1,480 per year), DePauw (\$1,660), Wabash (\$1,585) and Valparaiso (\$1,520).

The board also authorized WRTR to apply to the FCC for a license to operate a 100-watt non-commercial, educational station. An outlay in the neighborhood of \$12,000 is anticipated to purchase the transmitter, broadcast tower, and monitoring equipment.



Some of the new members of Tau Beta Pi pose by the Bent with charter member Herman Moench and chapter president Dale Campau. From the left are Dave Raaf, Bill Kepner, Joe Miketo, Eminent Engineer Howard Freers, Moench, Mike McPherron, Paul Wallace, Don Stratton, Campau, Wyman Williams, Eminent Engineer Thomas Reese, Dale Parker, Dennis Pepper, Jerry Fish, Brian Raver, Bob Leopold, Don Jones, Todd Hand, Dave Hinman, Nick Willing, George Bowman, and Steve Long. Seated are Gary Meier, Steve Anderson, and Steve Thompson.



Ron Reeves, Vice-President for Development and Public Affairs, greeted his returning ATO pledge class of 1956 with this pink elephant along with main drive at Homecoming.

New Bio Offering

by Greg Mendel

LS 211, Environmental Concepts for Engineers, a new course being offered this Winter Quarter will be a first in the field of engineering education. It will integrate concepts of biology and environmental studies into the context of engineering practices.

The development of this course was considered by the National Science Foundation to be of such importance as to merit a grant of \$24,600 over the next two years. In the past, it has been difficult for the engineering student to enroll in environmental engineering courses without having had several basic courses in Biology and Ecology. This new course format will introduce the engineering student to environmental issues without requiring any increase in the course load.

LS 211 will be used by many engineering students as their science elective in the place of LS 201, Principles of Biology I, which is currently being taken by the majority of engineering students.

Environmental Concepts for Engineers will integrate the principles of life, science, ecology, and engineering

impact, assessment dividing the material into units covering global and local energy balance; the cycling of gaseous, liquid, and solid constituents of the biosphere, and the impact of past and present engineering practices on the matter and energy variables. The ultimate goal will be the demonstration of impact of engineering practices on life form and function.

According to Dr. Will Stratten, who is developing the new addition to the curriculum, the students who sign-up for the new course this Winter Quarter will have a sizeable influence in assuring that the course acquires a final form relevant to the professional engineer.

Although the course will be open to Sophomores, Juniors, and Seniors, Dr. Stratten is hopeful that the majority will be Seniors, since they, being closer to their career decision, "may have a more mature interpretation of relevance."

Seniors will also be polled for their input as to the course's relevance next year after they have had some on-the-job experience. This input as well as the input of next year's students will be used in the completion of a new textbook in the field.

Debaters split at meet

by Warren Gamaliel

Rose-Hulman's Debate Team began its season with an even 6-6 record at a strong tournament at Butler University. Although the squad did not earn a team trophy, Dwight Dively was selected as third-best speaker for the tournament.

Rose's two teams consisted of Jim Renfro and Dively, and Mark Bates and Kevin Bowen. Both teams finished at 3-3, meeting squads from Eastern Illinois, Vanderbilt, Notre Dame, Indiana, Western Illinois, and Central Michigan from

among the 36 teams entered.

Dively's award marked his eighth consecutive honor in regional competition. He has finished third or higher in every one of these tournaments since entering Rose.

The team continues its season next weekend when it splits to go to tournaments at Millikin University in Decatur, Illinois, and IUPUI in Indianapolis. Rose won both of those tournaments last season, and has good prospects to do so again this year.

Drama club plans Pooh

by Eric Blair

"Winnie-the-Pooh" is returning to the Rose-Hulman campus for what the Drama Club hopes will be a lengthy stay.

The club is reviving last year's production with the intention of forming a company which will tour the show to area schools throughout the year.

"The overwhelming success we experienced last year," reports club president John Rasp, "makes us feel that we can do this on a year-round basis. Last year there were over a dozen schools that wanted to see 'Pooh' but we didn't have time to perform it."

While the cast for the show will remain essentially the

same, there are four vacancies in the company. Three members graduated and one withdrew from the cast. Tryouts for the parts of Eeyore, Owl, Rabbit, and the Narrator will be held this Tuesday, October 17, at 6:30 p.m. in the auditorium.

The Drama Club presented "Winnie-the-Pooh" as its winter production last year, giving a performance on campus and trouping the show to three area grade schools.

This year the club plans to give the show several times throughout the school year. If this is successful, "Pooh" may serve as the basis for an on-going repertory company.

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Monday, October 30, 1978

to meet with students interested in
the two-year MBA Program

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Career Planning and Placement Center

for more details and to sign up for
an information session.

Harvard Business School is committed to
the principle of equal educational opportunity
and evaluates candidates without regard to
race, sex, creed, national origin or handicap.

What's Happening

Beginning next Tuesday, a traveling exhibition will be shown in the Hulman Union. The exhibit, "Morning Sun," is a collection of lithographs, etchings, woodcuts and drypoints.

The exhibit is supported by the National Endowment for the Arts and the Indiana Arts Commission. It was prepared by the Evansville Museum, and is on display from 9:00 a.m. to 9:00 p.m. daily.

The modern art lecture entitled "Fathers of Modern Art" will be given Wednesday at 8:00 p.m. This lecture is also a part of the Rose-Hulman Fine Arts Series.

Drama Tryouts. Although the cast will be essentially the same as in last year's production of

"Winnie-the-Pooh," a few parts are open. Tryouts for the parts of Eeyore, Owl, Rabbit, and the Narrator will be held October 17, at 6:30 p.m. in the auditorium. The company will be touring local schools throughout the year. If it is successful, "Pooh" may serve as the basis for an ongoing repertory company.

A blood drive will be held in the Worx on Wednesday, October 18 from 10 a.m. to 3 p.m. The drive is sponsored by the Residence Hall Association and the Interfraternity council. Rose had an 11¢ donation rate in a similar event held last spring.

A prayer meeting sponsored by Rose Christian Fellowship is held daily, Monday through Friday, at 4:30 p.m. in the Reading Room of the Union. Everyone is welcome and

encouraged to attend.

Rose Christian Fellowship chapter meeting tonight at 6:45 in the Music Room of the Union will include the usual Christian fellowship and singing. Dave Finley will speak on "Motives for Evangelism."

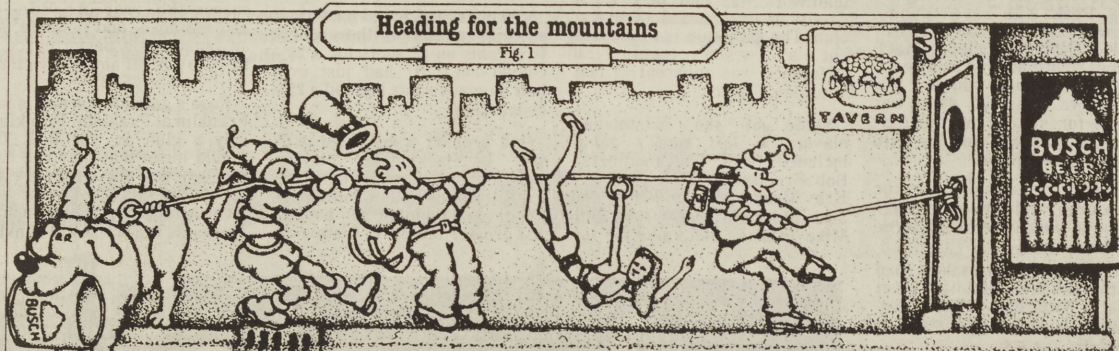
"What's Happening" is a weekly column of coming events. The Thorn welcomes material for this column, which may be used to publicize club activities. All copy for "What's Happening" is due in the Thorn office (inside the student lounge) by Monday evening prior to Friday publication, and is subject to editing to conform to standards for style and length. Articles may also be turned in to box 391 by the same Monday deadline.



The 1978 Homecoming queen candidates await THE announcement at last Friday's pep rally. Pictured from left are Patrice Marie Peach, Karen Kraft, Patti Euriga, Diane Hedges, and Queen Maureen Crandall.

Mountaineering #3.

METHODOLOGY

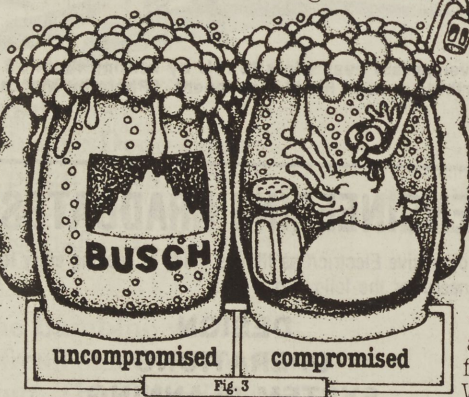


Mountaineering, as all but the chronically misinformed know, is the skill, the science and the art of drinking Busch Beer. It begins by heading for the mountains (i.e., a quick jaunt to your favorite package emporium or wateringhole) and ends by downing the mountains (i.e., slow slaking swallows of the brew that is Busch).

¶ However, between those two points lies a vast area of personal peccadilloes sometimes called technique and sometimes called methodology (depending on your major). Hence, this ad. ¶ Sipping vs. chugging. Both have their merits, of course. But generally speaking, except for cases of extreme thirst or a leaking glass, sipping is the more prudent practice for serious, sustained mountaineering. ¶ Next,

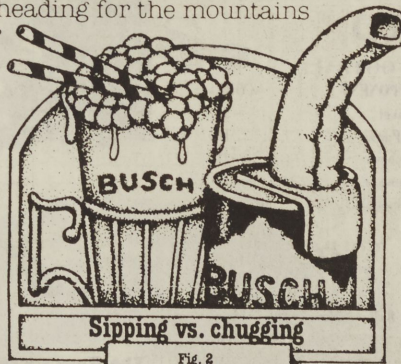
the proper position. Some swear by sitting; others by standing. Suffice it to say that the most successful mountaineers are flexible, so you'll find both sitters and standers.

(Except on New Year's Eve, when it's almost impossible to find a sitter.) ¶ Which brings us to additives. Occasionally a neophyte will sprinkle salt in his Busch; others mix in tomato juice; and a few on the radical fringe will even add egg. While these manipulations



can't be prohibited (this is, after all, a free country), they are frowned upon. Please be advised that purity is a virtue, and the natural refreshment of Busch is best uncompromised.

¶ Finally, there's the issue of containers. Good taste dictates a glass be used. But bad planning sometimes prevents that. If you find yourself forced to drink from the can, you should minimize this breach of etiquette. Be formal. Simply let your little finger stick out stiffly (see Fig. 4). Happy Mountaineering!



Don't just reach for a beer.

Head for the mountains.

Radio to add FM

by Rick Warner

The campus radio station, WRTR, has been planning to go FM for quite a while. Due to new F.C.C. rules, the station must increase its broadcasting power to at least 100 watts, which is the new minimum power requirement. WRTR plans to switch from AM to FM at the same time.

Currently, the station is using a 10 watt AM transmitter, which has reduced quality sound due to motors, pumps, etc., on campus which not only impress "noise" onto the electrical lines, but also cause problems with phase-matching. In order to have maximum signal strength and clarity, the transmitters must be matched closely in impedance to the dorm electrical system. When motors switch on and off, the phase match between the transmitter and dorm changes, resulting in a WRTR signal that varies and wavers throughout the day.

WRTR plays progressive rock, but recently has lost listeners to FM stations, which play similar music in higher quality stereo FM sound. WRTR will be modifying its program to include about 75% music. The rest of the time will cover such areas as national news, arts, education, sports, and religious programming. WRTR will be somewhere in the range of 88-92 Mhz., and should be fully functional sometime next year.

The station is classified as "educational, non-commercial" which means it does not use advertisements in the programs. The financing for the FM station will come from the Board of Managers and the Student Government Association. Also, four dollars per year will come from the broadcasting club members for buying records for the record library.

The club consists totally of volunteers.

The broadcasting club is also looking for volunteers from the Rose faculty, mostly for aid in developing educational programs (current developments in science, etc.), and some other special programming, but aid in construction of the new station, and making it meet F.C.C. rules would be appreciated.

The new station will still be located in the basement of B.S.B. The FM antenna will be placed on the roof of B.S.B. to minimize line loss. The new equipment will be solid-state, meaning that it should require a minimum of maintenance. Also, it will be high-quality equipment.

The transmitter should give WRTR a range of about 15-20 miles in any direction. This means that it will be serving Rose and Terre Haute. Because of the extended range, even more emphasis will be placed on quality broadcasting.

Rose romps 55-6 in one-sided win

by Warren Pease

For the first time in five years, the Engineers won their homecoming contest, and they did it by no small margin. The 55-6 victory leaves the steadily improving football squad with a 3-1 record while Principia remains winless.

Just two years ago the homecoming game against Principia had a different ending. Despite outgaining the Indians almost three to one, rain and turnovers had limited Rose to only seven points. A late fourth quarter blocked punt gave Principia an 8-7 win. That was not the case last Saturday.

For the game, the offense amassed 507 yards. Rose rushed for 218 yards on 50 carries, the three quarterbacks connected on 57 of their passes for 239 yards while only yielding one turnover. Meanwhile the defense held Principia to less than 3 yards per carry on the ground, 229 total yards, and collected five turnovers. The statistics were not lopsided enough.

Principia's first possession netted negative yardage and a short punt gave Rose the ball on the Prin. 30. Freshman Randy Hancock ran the reverse on the first play for a touchdown. Greg Peak then made it seven to zero. Late in the first quarter Terry Peak broke through the middle of the line and stretched across the goal line for the second of eight touchdowns.

In the second quarter Rose scored three times. Mark Ripple scored on a three yard run. Jim Enloe caught a 45 yard pass for a touchdown, and Troy Matz

scored on a one yard run. Greg Peak converted one each point after attempt, and Rose took a 35-0 lead into the locker room at the half.

In the third quarter Rose scored twice again. First, a fumble on a 70 yard Bob Burwell punt set up a seven yard scoring strike to Freshman Ben Young. Then Dan Haas wound up and fired a perfect pass to Mark Kaufman for a 76 yard touchdown. After three quarters Rose led 48-0.

In the fourth quarter, Principia played Rose's second and third string players almost evenly. Under the guidance of freshman quarterback Curt Bilby, the Engineers marched for another score. This time it was capped off by a fourteen yard run by Bilby.

Principia sustained two good drives late in the final stanza. The first drive stalled out on the Rose six, but the defense got the ball back without yielding a first down. This time the Indians scored and the final score was 55-6.

Rose was led in scoring by Greg Peak with seven points, followed by Hancock, Terry Peak, Ripple, Enloe, Matz, Young, Kaufman, and Bilby each with six. Haas threw two touchdown passes and was eleven for sixteen on the day. Pfanstiel was four for nine with one touchdown pass.

Burwell punted four times for 201 yards, and he now ranks second in the nation for all three divisions.

The Engineers now take a road trip to Kankakee, Illinois to meet Olivet Nazarene. The non-conference game will start at 1:30 P.M.



Running back Terry Peak is shown above, during one of his many successful runs. The Rose team destroyed Principia 55-6 in the homecoming game. (Photo by Marcadis)

Soccer team beats ISU

by Paul Wallace

The Rose-Hulman soccer team, showing impressive teamwork, defeated the ISU club by a score of 5-3. Although ISU had many talented foreign players, the Rose squad was able to win because of its superior passing ability.

One reason Rose had more teamwork was that they are a varsity team opposed to just a club. The ISU team is a club and not a varsity team; the difference was apparent at last Saturday's match.

Some of the outstanding players in last week's game included front line members: Bob Froetscher, Dave Wieting, Eric Mooney, Brian Mark, and Jim Murdock. Also substitute Mike Tallman did a fine job for

the engineers.

Coach Rendel made a few offensive changes in the game, which could have made the difference. The first change was moving Dave Wieting from fullback to the forward position. The other change was to switch the offensive formation from the "W" formation to the "M" formation.

Rose also improved upon their shooting ability as they scored five goals on 22 shots for a 23% conversion. ISU had just over half as many shots but had a 25% conversion.

One area in which Rose still may be lacking is playing together. The team still lacks the maturity to be able to anticipate where each member will be. But this greater feeling of teamwork

would be developed as the season wears on.

The format for the CAC championship will be a round robin tournament of four games at the end of the season. This should allow Rose to gain more experience, but it will probably not be enough to win the tourney. The two powerhouses in CAC soccer this year are Principia and Sewanee, and it would take an outstanding performance by Rose to pull off an upset victory.

Rose's game tomorrow is with Franklin at Franklin. Franklin is only a club as was ISU. This should mean that they will have less cohesion and teamwork, but the Rose club last year was given a tough game by Franklin. The game is at 11:00 at Franklin.

SCORECARD

SOCCER			FOOTBALL		
ROSE	OPPONENT	SCORE	ROSE	OPPONENT	SCORE
1	St. Meinrad	2	21	Olivet	20
0	Wabash	5	20	DePauw	18
1	LSU-E	1	8	Wabash	21
5	LSU	3	0	Hanover	0
			55	Principia	6
CROSS-COUNTRY			GOLF		
ROSE	OPPONENT	SCORE	ROSE		
64	U. Evans	82	Low Ball		First
64	Earlham	49	2 Man Low Ball		First
64	DePauw	27	Medal Play		First
30	Wabash	26			
25	St. Joe	33			
49	Butler	15			



The Rose soccer team was able to avenge last year's loss to ISU by beating them 5-3 this year. A Rose player above tries to dribble around his ISU opponent. (Photo by Marcadis)

Young basketball team to face tough schedule

When the 1978-79 Rose-Hulman version of Hoosier Hysteria hits the hardwood, it will be a talented young team facing some rugged ranked teams. If it sounds like the last year's story, it is, but it's even truer this year.

The absence of Edelbrock, Sutherland, and Justus should be hard felt from the very first game. The University of Hawaii at Hilo has won over 100 games over the past five years, and this season promises to be no different. Rose's second game will be against Chaminade University who finished second in Division III last year.

The team will leave from Chicago the day after first quarter finals end. The non-stop flight to Hawaii will arrive in Honolulu at 8:00 P.M. on Friday. Sunday morning the team will commute to the island of Hawaii for the game against the U. of H.

On Monday the team plays Chaminade and on Tuesday they play a good Brigham Young-Hawaii team.

Then on December 5, the team starts a not-so-easy mainland season. The Rose-Hulman Invitational Tourney features both Washington & Lee and Muskingum. Both teams finished in the top 15 of Division III teams. The Engineers also play last year's Division II runner-up, Eastern Illinois.

Also, for the first time in a few years, Rose probably won't be the favorite in the College Athletic Conference. Coach Mutchner stated "it should be between us and Centre." Each team finished six and two in conference play last year. Mutchner also expects Principia to be vastly improved. Southwestern a little tougher, and Sewanee to be down a little.

According to Mutchner, "Last year's team played well

together, but essentially this is a whole new group." He explained that this year's team has a good deal of depth, but Mark Givan is the only player to have a great deal of playing experience over the past two seasons.

Last year Rose was ranked as high as 13th in Division III, but this year the team is going to have to earn a ranking on desire, talent, depth, and very little experience.

The first home game will be on December 7 against Greenville. The game will start at 7:30 P.M. in Shook Fieldhouse. Other home games this season include DePauw on December 13, Principia on January 12, Sewanee on January 19, Wabash on January 30, Illinois College on February 9, Centre on February 11, Southwestern at Memphis on February 17, and Blackburn on February 22. The Rose tourney will be December 19 and 20.

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A thundering herd of Butler cross country men charge up the first hill on their way to a 15-49 victory over Rose. Butler was expected to win, however, since they were runner-up in Division II last year. (Photo by Marcadis)



Running hard is Dean Billheimer shown here during the recent varsity-alumni meet. The alums gave it a good try but came up short 23-40. (Photo by Marcadis)

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Noble Roman's



Varsity beats alumni

by Mike Dunkel

The cross country team was too fast for the alumni runners, but the alumni made a good showing in a 23-40 loss in the meet before the homecoming game. Mike McCullough led the crowd for the varsity team with a 26 minute and 48 second run. Dennis Funk from the class of 1978 ran second with 27 minutes flat. The other top ten runners were: John Whitaker, Steve White (class of '73), Dean Billheimer, Ken Hilk, Guy Gadowski (class of '78), Eric Vettors, Vince Foushee and Larr Etzler.

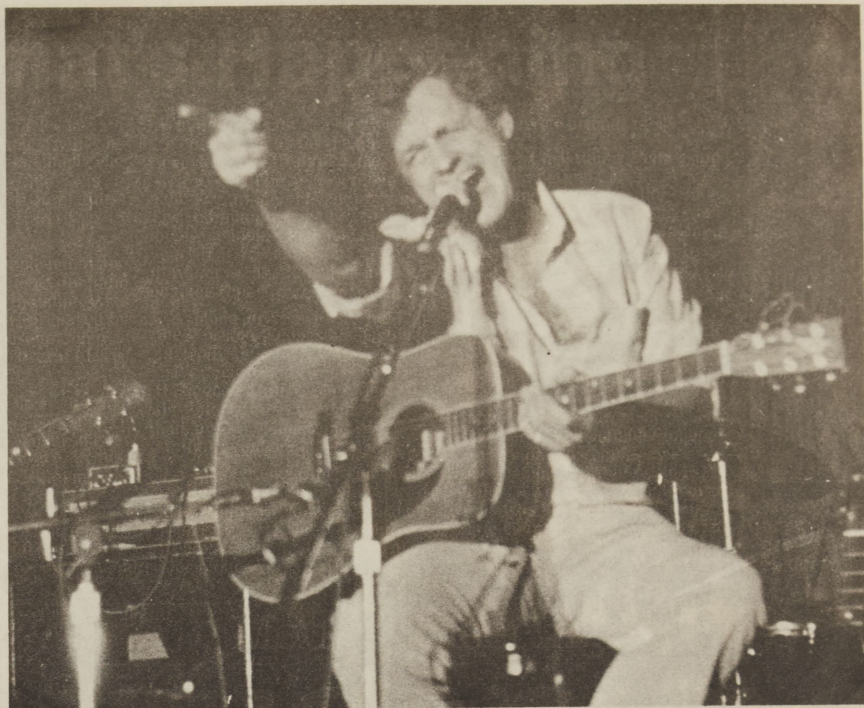
Other alumni were: Schacht (13th), Robertson (14th), John Lynn (16th) from the class of '66, Keeven (17th), Ebstein (18th) and Jenkins (22nd).

In the first home meet of the year, Butler ran away with top honors. Butler, an outstanding Division II school, won 15-49 here last Tuesday.

Dean Billheimer ran well on the new course which included two laps around the outside of our campus and holds the record on the course for a Rose runner.

Today the cross country team travels to Lafayette for the Purdue Invitational. The meet will be two six mile races with reserve and varsity. Internal hip problems continue to hinder Dean Billheimer and Ken Hilk. Coach Hargis said, "They have not recovered."

**The Thorn will
not be publish-
ed next week
due to the three
day weekend.**



Harry Chapin entertains a packed house at his concert in Shook Fieldhouse last Saturday evening. There was a sellout crowd for the Homecoming concert. (George Tackett photos)

Recapping of Homecoming

by Eric Dansker

Rose-Hulman's 1978 Homecoming is history now, but it will be long remembered by everyone in attendance.

At halftime of the football game, in which the Engineers went on to defeat the Principia Indians, 55-6, the freshmen were unable to start Rosie's hovercraft. Solving the problem like true Rose engineers, they picked up Rosie and carried her in front of the stands.

1978 Homecoming Queen Maureen Crandall, an education major at Saint Mary-of-the-Woods, was pleased to be presiding over the festivities.

"I am so happy. It was a beautiful experience to be selected as queen. I've never been a queen before. I'm very happy to be representing St. Mary's, too. Thank you, Chuck Pierce, for being my escort, and thank you, Alpha Tau Omega, for your support."

Sigma Nu Fraternity won the cheer competition while ATO took the award for best banner.

Both evenings were capped by spectacular events. Queen Maureen was crowned in a dramatic ceremony Friday night in the fieldhouse.

The next night, Harry Chapin captivated his audience with a superb performance. Although the planned light show failed, none of the crowd left unhappy.

People at the game were asked, "What are you thinking at Homecoming 1978?" and these are some of the comments:

"I think we're gonna kill the Indians!" — Rick Dorsey, ME 78.

"We like it. My wife and I like to come back for homecoming and see people we otherwise would not be able to see. And we enjoy looking at the improvements made on campus."

— Wayne McGlone, ME 74.

"Let's go see the elephant!" — Karen McGlone, Wayne's little daughter.

"I think it's a great homecoming, one of the best we've ever had. There is a real camaraderie between the classes." — Professor Herman Moench, EE 29.

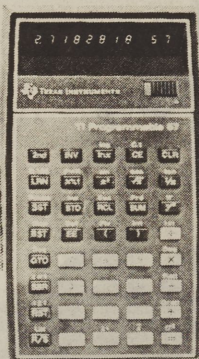
"This place is really crawling with alumni. There's a lot of school loyalty, more than at a larger school." — Pete Haines, EV 80.

"Why isn't it a real elephant?" — Barbie Jordan, age three, daughter of Dave Jordan, MA 71.

"The bonfire is going to be great. It was a good dance. All in all, a very good homecoming." — John Seghers, EE CS 82.

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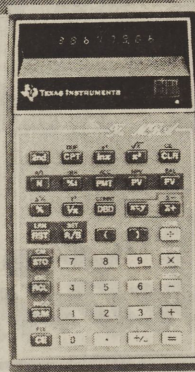
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Chapin speaks out

by Eric Dansker

"I say what art can do. It's sort of like an image; you look at other people and see some of yourself. You look at situations and picture yourself in them," said singer-story-teller Harry Chapin after his performance at Rose-Hulman's Shook Memorial Fieldhouse on Saturday, October 7.

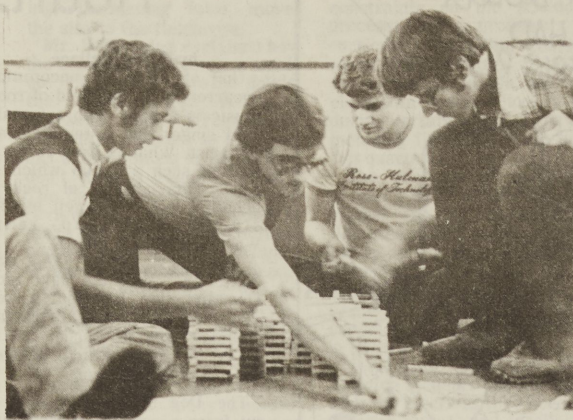
Harry's overall theme, the message he tried to communicate through his music, is that people should "look at life through unfiltered eyes. Look at the bad, enjoy the good," he said.

"I'm a storyteller. I'm no holier-than-thou singer. I've lived a little in my thirty-five years and I want to relate some of my stories."

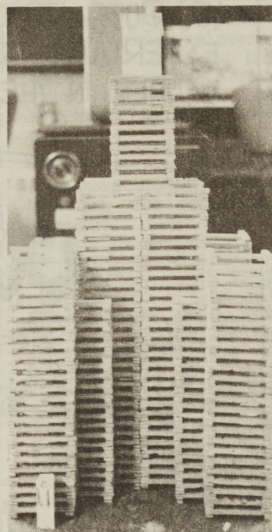
"I was unsuccessful as a protest singer in the 1960's," he explained. "Now I try to come across indirectly, using stories that, like movies, have interesting characters and situations. People can make their own judgments in these situations; they can say, 'If I had been there, what would I have done? What would my thoughts have been?'"

One of the ways that Harry gets ideas for his music is traveling "on buses and that sort of thing. I don't travel in Learjets or limousines," he said.

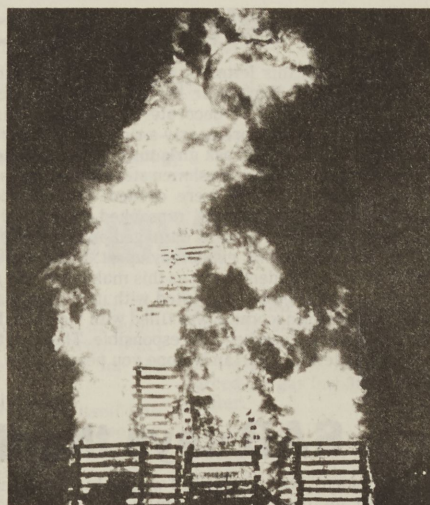
"It's a good way to meet people and find out what they are thinking. If I see something, I try to make a story out of it. I relate to people one-to-one."



From playing with a bunch of sticks, the freshmen started the wheels of what they hoped would be the largest bonfire yet. Shown above from left to right are Dane Krueger, Mike Brown, Dave Heighway, and Dave Kolacz. The final model (at right) was designed to be 63 feet tall (with the outhouse), and to consist of 1324 ties and weigh 65 tons (photos by Marcadis).



The actual building of the bonfire was more difficult than anticipated. A block-and-tackle was supposed to ease the job, but a lot of sweat and blood went into the construction. David Boes (right) and Darrel Phelps are shown in the top picture. The following day, the smoldering remains of the bonfire do not give justice to the effort that was put into it. (photos by Womble).



With a few modifications from their original design, the freshmen nevertheless completed the bonfire, complete with outhouse and various burnable items. The final product was huge, estimates run up to 72 ties high, 4 ties taller than last year's bonfire. Friday night, all went well. The ignition of the bonfire was quick and exactly as planned, having the middle ignite first. The fire was as spectacular as ever. The outhouse was supported by light rope so that it would fall inside easier. However, it neither fell in, nor out. Instead, it was engulfed in flames and disintegrated. (Left photo by Marcadis, right photo by Womble)

Bonfire has long history

For the past 49 years Freshmen at Rose-Hulman Institute of Technology have been applying their engineering skills far sooner than they expected. Their first attempts at engineering have produced homecoming bonfires that can only be described as "totally unique."

The earliest account of a bonfire at Rose-Hulman can be traced back as far as 1929. Reports and rumors of earlier ones describe the bonfire as occurring in May when school ended and the alumni came back to campus.

The bonfire, as it is known today, began when the bonfire was combined with the football festivities in the fall. The fire occurred near 25th and Wabash Avenue and was accompanied with yells and songs. The bonfire disbanded to form a parade. The students wound around town in snake dance form while the Rose Military Band played. The next day the team beat Hanover College by a score of 19-7.

With each annual bonfire, new traditions became attached to it. The top of the pile was crowned with "that little house behind the big house." If the outhouse fell in the middle of the fire the freshmen were allowed to remove their garters (a penalty reserved for frosh) and throw them into the fire. If the house fell out of the fire, then the

freshmen were required to wear the garters until a later date.

In 1938 the freshman constructed a huge pile of brush using wood blown down on campus from a recent tornado. After two weeks of construction time, they topped the pile with an outhouse that was decorated with epitaphs to their victim Earlham. A new tradition began that year of having the fire the night before the game so the team could see and enjoy it.

In 1952, the bonfire pile was built but never ignited. That particular fall had been so dry that the bonfire was considered a potential fire hazard. The bonfire went as planned the next year. The 1953 class declared "the weather couldn't stop us for two years in a row."

The turmoil of the times had its effect on the bonfire ritual of 1971. The Saturday before the fire, 200 ties were burned, presumably by the sophomores.

The Wednesday night before the 1971 bonfire, the pile was lit prematurely. The freshmen rushed with fire extinguishers from the dorms to put out the fire. This was a violation of state law which says that extinguishers can't be removed from the dorms. The freshmen had to pay to have the extinguishers recharged.

Since the pole and brush type fire of the 30's, the classes have used railroad ties to construct their architecture. This seems

appropriate for a school whose founder Chauncey Rose, was often called "The Railroad King."

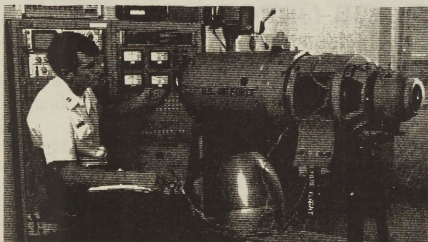
Each year the freshman class strives to build a fire that is more spectacular than the one before it. Major Bud Mundt, bonfire coordinator, explained that the faculty became concerned about the size of the fire.

"In 1970 the administration got uptight about the fire and passed some rules in a faculty meeting. They decided that it couldn't be more than 45 ties high. Since I've been here for three years now, nobody has stuck by this. Last year it was 60-65 ties high. It's not certain if anyone is going to make them stick to the rules," Mundt said.

Will bonfires at Rose-Hulman eventually go the way of beanie wearing and hazing? According to Dr. Moench, probably not.

"I'm optimistic about the future of this tradition, but my guess is that those things go in cycles. My feeling is as people are maturing earlier and we have an intellectual group here, they are less inclined to go for organized types of activities. They like rowdiness, but it's more on an individual rights, my own guess is that it impinges too heavily on study time," Moench added that some past bonfire chairman have flunked out of school because they took their jobs "too enthusiastically."

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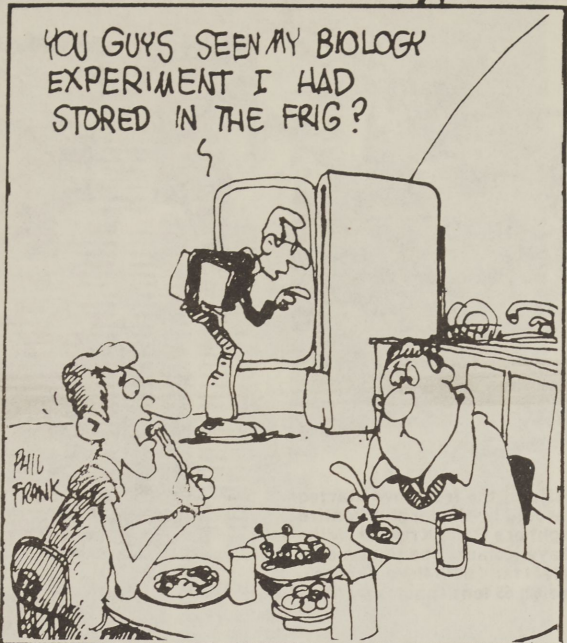


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FRANKLY SPEAKINGby phil frank



Dear Editor:

Freshmen rapped

I am writing this letter to express my thorough disgust with the freshman class. Each year the freshman class conducts a "panty raid" at St. Mary's to decorate the bonfire. This year's raid was described to me as more nearly a riot. Normally freshmen stand outside the dormitory and ask girls to throw articles to them. This year, however, I am told the freshmen stormed the halls. They pounded on locked doors until they were opened. Once inside the room these "proud Rose-Hulman men" ransacked rooms and stole all types of clothing. There were rooms damaged and windows broken. The girls were, understandably, extremely upset. Some were frightened to the point of tears. Incidents such as this make me truly ashamed to attend this school or even be associated with it! I understand that the entire week before Homecoming was filled with violence. I realize, of course that only a few freshmen are responsible. They are the ones to whom I direct this letter. I certainly hope you people grow up and the sooner the better.

Name withheld by request

SAB says thanks

The Student Activities Board wishes to thank the students, faculty, and staff for their participation in the Harry Chapin Homecoming Concert. Special thanks go to the Resident Hall Association (RHA) and the Inter-fraternity Council (IFC) for their help. Also, Paul Phillips and his maintenance men did a fantastic job in helping to set up the field house. Those who missed the concert will hopefully have a chance next year to see another great S.A.B. sponsored homecoming event.

Page 9

Dear old Rose

by John Galt

The Tactical Acquisition Unit of the Templeton Brigade, Rose-Hulman Army, reports another successful Homecoming operation.

"Ah'm pleased tuh repohrt," said General Beauregard Hulbert, "that we has fulfilled our objectives foah this operashun. They was a slew-gob of them alumnis, but we was ready foah 'em."

Alumni started arriving for the confrontation as early as Thursday. They were greeted by a volley of "Welcome Alumni" banners and a large pink elephant. "We think a pink elephant is quite representative of our battle strategy," reports Col. Ron Reeves, whose unit was responsible for the delicate maneuver of separating the attacking alumni from their support units, called checkbooks.

Action began in earnest Friday evening at the Pep Rally. The Rose-Hulman Symphony Orchestra opened the action with a rousing volley of music. The fieldhouse was soon brought to a fever-pitch, as combatants dodged the free-flying quarter notes.

The excitement was soon still as the Drama Corps took the field. Their inane theatrical maneuvers, performed with all the grace and finesse of a charging, wounded hippopotamus, soon brought down the house — into a sea of apathy. The Drama Corps leader, Private 7th Class John the Ax, assessed the situation: "Two things went wrong. People toward the back complained

because they couldn't hear the skit; people toward the front complained because they could."

It was at this point of low troop morale that Maureen I, Queen of all the Engineers, appeared on the battlefield to rally her troops to victory.

The focus of the battle then shifted westward to Bonfire Hill, where the Freshman Battalion was making a heroic stand against bands of marauding sophomores. Genl. Hulbert led a charge on the bonfire and succeeded in igniting it. The flames rose rapidly, aided by gallons of fuel oil and the bodies of two sophomores who made the mistake of trying to lake a small freshman who had very large friends.

On Saturday, save for a minor Indian uprising which was quickly quelled, the battlefield remained relatively quiet until that mystical, magical time known in the Eastern religions as "Happy Hour." This ceremony is part of a rite that prepares Seniors to be initiated into Alumnihood, and includes a magic elixir, ethanol, which has remarkable properties of lubricating Alumni checkbooks so they open easier.

Despite the overwhelming victory by the Templeton forces, several alumni managed to escape. They are expected to regroup in preparation for another attack sometime late next year. But as Genl. Hulbert remarks, "We'll be ready foah 'em."

Record Review

Heart: Dog and Butterfly

by Bryan Wallace

One of the most uncommon occurrences in the field of rock music is a band with a female lead singer and a female lead guitarist. What is even rarer is to find such a group which is good. This odyssey of rock is accomplished very well by the six-person group from Washington State, Heart.

Their new album, "Dog and Butterfly," does not have Side One and Side Two, but a Dog side, which indicates a hard and raunchy type of music, and a Butterfly side, which denotes smooth delicate music.

The Dog side starts with a cut from a concert in Memphis called "Cook with Fire." It is sung by Ann Wilson, as is every song but one on the album. "Cook with Fire" has a very hard bass and drum part which proved to be very effective at their concert in Evansville.

The second song on the Dog side, "High Time," also has a very strong drum and bass part combined with the punchy voice of Ann Wilson.

"Hijinx," the third song of this

side, has a guitar part that sounds much like that of Jimi Hendrix on some of his albums. "Hijinx" has an acid-like guitar combined with a single voice, bass, and drum. This song is very indicative of Heart's move away from pop towards a more heavy progressive kind of music.

The last song on the Dog side, "Straight On," sounds more like early Heart than any of the other songs on the Dog side. This song has a progressive sound along with a pop-style hook that makes it the album's first Top 40 single.

The Butterfly side of the album starts off with the title cut, "Dog and Butterfly," which sounds very much like "Dreamboat Annie" from their first album. It is a slow kind of Joni Mitchell song with a clear acoustical guitar to back the vocal.

"Lighter Touch," the second song of the side, utilizes the same strong drum beats and acid-like guitar riffs evident on the Dog side. The song itself is a slow piece which utilizes the rhythm instruments and Ann

Wilson's voice to give the song feeling.

Nancy Wilson, the other sister of the talented duo, makes her major contribution on the third song of the Butterfly side, "Nada One." She supplies lead guitar and vocals on this song which has a very clear and deliberate guitar part.

The final song of the Butterfly side is "Mistral Wind." The listener's first impression is of an out-of-tune guitar which pops up constantly during the song. Once again the punchy drum parts have been mixed very high. It is not the best effort on the album.

As a whole, I think Heart has produced a very decent album which is well worth buying. The pressing and album quality is just about the best I have ever heard on a pop-rock album. If you never liked Heart before, give this album a listen because they have changed. If Heart was your favorite before, be prepared, for this album is different. You may have to listen a few times before you are hooked.

The THORN

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