

Senate committee includes minority

A committee of the student senate agreed Friday to include a minority seat in the proposed constitution which ASUN President Dan Klaich hopes will receive student approval in a special election early this spring.

The student senate gathered in a rare "committee of the whole," called by Rick Elmore, senate president, to discuss the proposed student constitution.

The discussion centered around whether provisions should be made in the constitution for a minority seat, which, thus far, had not been provided for.

Student senators and ASUN leaders fired questions and answers, both pro and con, toward each other during the majority of the meeting.

The intense discussion followed a proposal by Sen. Richard Paille, who suggested the constitution provide for two dorm seats and one minority seat.

At the suggestion of a minority seat, Craig Ihara, vice-president of finance, who has been instrumental in writing the constitution along with Klaich, said if it provided for a minority seat, why shouldn't it provide also for Italian, Polish etc. representation.

"Your're making a joke of something which is not funny," Sen. George Cotten told Ihara.

Sen. Pat Murphy said one "can't compare a minority person to

someone who lives in a dorm or a fraternity; we aren't talking about labels . . . we're going beyond that."

"White people are represented heartily in the (proposed) constitution," Murphy continued. "I don't think you dare equate (belonging to a minority) with where someone lives or a group he belongs to."

Cotton said by not making provisions in the constitution for a minority seat, the senate was "putting somebody in the position of coming in and banging on the desk."

At this point, one non-senate member, asked as a "point of clarification" how the establishment of a minority seat would guarantee all members of minorities receive representation. "In other words, how would he serve any useful purpose?"

Klaich said no one is truly representative of all of his constituents all the time. And Murphy, arts and science, said he could not possibly know the desires of all his constituents, but he had to vote as he thought best.

Klaich then proposed the constitution be left as it is, without provisions for a minority seat, but with the understanding the seat be added in the form of an amendment. "I would like to see something worked in later," he said.

To this, Cotten said, the senate

Strict dog control; now

The problems with dogs on campus finally came to a head when a South Lake Tahoe man was severely bitten while visiting campus.

Dogs have been killing ducks and hanging around the food areas.

Richard Wagner was visiting campus when a black Labrador attacked Wagner's dog. In trying to separate the two, Wagner was bitten on the forearm.

University police are seeking any information regarding the dog. The dog is described as about two

feet high, jet black, fairly fat and muscular with no collar or tags. Anyone seeing a dog like this is asked to call the UNPD at 784-6971.

In an attempt to control the dogs, the university police have started issuing dog citations to those with dogs loose or unleashed on campus.

First offense fines cost \$50. Any dog caught on campus will be taken to the Humane Society and held for the owner to pick up.

seat in constitution

"was fantasizing if you think the minority seat will go through separately."

Elmore said he thought "it would be immoral to push the constitution through with the omission of" a minority seat "and then later work for one. If the constitution is to have a minority seat, we should push it through with the rest of the constitution to help it."

Klaich said "in the hundred of times" (he has made numerous requests) he had asked the senate to submit plans on senate reapportionment, "never before today" had anyone mentioned wanting a minority seat.

Klaich said he did not want to place the entire constitution in jeopardy over the question.

"If we include the minority seat and it fails Wednesday (at senate), how many of you will be in my office on Thursday with petitions?

Because," he added "that will be the only way to get it on the ballot." (As a point of clarification, senate must approve the constitution before it goes to a student vote).

The majority of senators present said they would help circulate petitions.

The seat will be added to the constitution. It is to consist of one senator elected from the entire student body, but to qualify, one must be non-caucasian.

Senators present were: Randy Wright, Lee Hoffman, George Cotten, Laurie Albright, Pat Murphy, Bill Magrath, Mark Burrell, John Bradford, Rob Wester and Richard Paille. Student body officers Klaich, Ihara, Elmore and activities vice-president Sam McMullen also attended.

Twenty-one did not attend. The meeting was not mandatory.

Two students call for boycott of bookstore

Two students called for a boycott of the ASUN Bookstore. They said, "What students want is a change in basic philosophy, and that the bookstore should serve the students, not itself."

Richard Tanner, senior, social-psychology major, and Bill Cooper, senior, political science major, called for the boycott.

Tanner said the boycott would have no organization. "Basically the idea of an organization turns people off because it is forcing people to do something."

"If they (students) want to put up with the profit making . . . then the boycott will fail."

Tanner and Cooper talked to Craig Ihara, ASUN vice-president of finance and publications, and Cris Cufflin, bookstore manager. Student government, through the Finance Control Board, owns and sets policy for the bookstore.

Cooper said, "We have a nice quote from Craig Ihara, 'The bookstore is a profit organization.'" He said Ihara told them most profits come from non-textbook items.

Cufflin said the gross for last year was \$773,000 and the profit was 4.02 percent, or about \$31,000. He said some of this was in actual cash and in inventory items.

The goal of the boycott is "an immediate lowering of prices on all non-textbook items." They also intend to ask for "a change in policy, to take whatever form is feasible, to lower the prices on new and used textbooks."

Cooper said the markup on new textbooks is approximately 20 percent and on used textbooks it varies between 40 and 50 percent. He said the figure on used books is not official, but

was gained from "quick spot checks we have made" on individual books.

Cufflin said he could not pin down an exact figure for profit on used

books. He gave this example: a book costing \$10 new would be repurchased for \$5, or one-half the new price, then it would be resold for

**BITE THE HAND
THAT ROBS YOU
BOYCOTT THE BOOKSTORE**

Signs such as this should appear on campus today calling for a boycott of the bookstore.

Chancellor's code discussed

The UNR Faculty Senate met Thursday in the East-Room of the student union to discuss details concerning the newly-introduced Chancellor's code for the university and its faculty.

Hugh Mozingo, president of the senate, Neil Humphrey, Chancellor, President N. Edd Miller, and Robert Gorrell, chairman of the Code Committee, discussed the changes and what they would mean to the faculty at present.

Controversy arose over the

subjects of "Division of Faculty," "Public Service" and "Administrator." Who has the right to divide up the money within a division also caused disagreement. Does the Board of Regents have the right to dictate to the President of the university on this subject?

The meeting lasted about four hours, with no agreement having been reached. Another meeting of the senate was called for next Thursday at 2 p.m. in the East-West Room to close the discussion.

\$7.50; if it was sold back to the store again, he would pay \$5 and then again sell it for \$7.50; and so on as long as the book was to be used for class.

He said, "I buy them (textbooks) back from the students and I am gambling I can sell them. Everyone I don't sell I have to sell to a wholesaler at a fraction of the cost."

Markup on new texts is 20 percent, out of which comes freight and handling. Cufflin said if the total shipment is sold, profit would be about 11 percent. He said a total shipment is seldom sold.

Cooper and Tanner have made posters announcing the boycott, which should be up by today, and intend to have someone outside the bookstore "to ask people not to buy there unless they absolutely have to." They also plan to produce handouts.

They both said the boycott would fail without student support. "The boycott is really a personal thing and each person will have to decide whether they will go along with it or not. It's for the idea of convenience now or lower prices later."

They will ask students to buy non-textbook items at other stores offering lower prices. They estimate that if students do, it will cost the bookstore approximately \$800 a week.

Cooper said they would follow up the boycott by taking the matter to student government. "We would like to leave it up to the (ASUN) senate and the FCB to change the philosophy of the bookstore. The reaction to the boycott will determine the course of future actions."

Cufflin said on non-textbook items, "I'll match them, quality and price, against anyone in town."

UNR joins Student Exchange program

UNR recently became a member of the National Student Exchange, (NSE). This organization "provides state university to students with an opportunity to become acquainted

with different social and educational patterns in other areas of the United States. Governed by the philosophy that participation is essential to education, NSE encourages students to experience new life-styles and appreciate various cultural perspectives."

Actual exchanges will begin in the fall of 1972. According to Jodeen Flack, nursing professor and coordinator of the UNR program, "ASUN has agreed to totally fund UNR participation in the NSE program for the first two years."

Current member schools of NSE include: Illinois State, Montana State, Morgan State College (Md.), Ohio University, Towson State College (Md.), University of Alabama, University of Hawaii, University of Idaho, William Paterson College

(N.J.), University of Main (Fort Kent), University of Montana, UNR, University of Oregon, University of Massachusetts, University of South Florida, University of Wisconsin-Green Bay, and West Chester State College (Pa.).

At their December meeting, 1971, the Board of Regents approved the UNR participation in the program. Six students will be chosen to participate.

The six UNR students must be

residents, must be either sophomores or juniors, with a gpa of 2.5 or better. They can apply for one semester on one academic year.

These students will register at their exchange school as "transfer" students; all out-of-state fees will be waived upon previous agreements between the schools.

Anyone interested should attend the information meeting to be held today at 2 p.m. in the East-West room of the student union.

Wilkerson leaves med school, but not by choice

James Wilkerson, assistant professor of pathology at the UNR medical school, will be leaving his job, but not by his own choice.

Wilkerson said, "PCL (Physicians Consultant Laboratories) have decided I'm not acceptable as the head of the UNR Pathology Division."

The medical school has signed an affiliation agreement with PCL, a group of seven pathologies in Reno, for the use of their facilities at a local hospital. Because the clinical instruction is not on campus but at the hospital, the downtown pathologists instruct.

Wilkerson stated, "I've been in Reno for one a half years, . . . I might have been the first new faculty member to come to the medical

school. I was brought out to head the dept. of pathology."

A search committee to locate and recommend a new head pathologist has been named by the school's dean, George T. Smith.

Smith appointed the committee of faculty members and practicing physicians to propose a replacement for Wilkerson who resigned effective July 1.

Under the affiliation agreement between the School of Medical Sciences and the Physicians' Consulting Laboratories, the services and salary of the person who holds this position are shared by the school and laboratories.

Smith said this arrangement is an example of the way the school is integrating with the community.

Other affiliation agreements have been made with Washoe Medical Center and the Reno Veterans Administration hospital, and others are being arranged, Smith added.

Under these agreements, he said, the school and the affiliating unit are represented on search committees, whose recommendations are submitted through normal university channels, subject to final approval or disapproval by the Board of Regents.

The following persons are members of the search committee:

Thomas Hall, a pathologist, a joint appointee of the Physicians' Consulting Laboratories and the School of Medical Sciences, chairman; Thomas Kozel, assistant professor of microbiology, school faculty; Roger Lewis, assistant

professor of biochemistry, school faculty; and a student to be named from the first-year class.

Ex-officio members are Matthew Bach, director of the School of Medical Sciences Division of Biomedical Sciences, and Dean Smith.

Wilkerson taught pathology for three years in Salt Lake City and for three years at UCLA before coming to Reno. He is chairman of the Association of Pathology, a position equivalent to a department chairman. At present he is one of the 15 full time medical school instructors.

He noted the UNR medical school differs from others in that its organizational structure consists of divisions, rather than departments.

Med school to help Vegas get V.A. hospital

An out-patient clinic of the Reno Veterans Administration Hospital will be opened by July 1 in Las Vegas, according to Rep. Walter Baring (D), from Washington Wednesday

Planning and development of the clinic by V.A. officials will be coordinated with the Dean's Committee of the school of Medical Sciences, UNR.

Under the formal affiliation agreement between the hospital and the school, staffing, patient care and research are to be coordinated.

It will be the first V.A. medical facility in Southern Nevada, where there are some 35,000 veterans who

presently must go to Los Angeles or Reno for care.

Baring said that approximately 8,000 Clark County veterans require V.A. medical care each year, and that they should be able to obtain it in Las Vegas.

The area's veteran population includes 3,000 who have service-connected injuries and some 4,500 veterans of the Vietnam War.

The clinic will provide diagnosis, treatment of patients who do not require hospitalization, and follow-up therapy after hospital treatment elsewhere.

Approval of the project has been given by the V.A. Central Office in Washington, but the exact location, size, number of doctors and nurses to staff it, and the cost are still being worked out, Baring added.

Merle Allen, administrator of the Reno Veterans Administration Center, said he and a medical school representative visited in Las Vegas in December to begin looking for a site for the clinic.

Allen said he has informed the General Services Administration that space will be needed, and the clinic may be located, at least at the

beginning, in existing federal facilities or in rented space.

George Smith, dean of the School of Medical Sciences, said opening of the clinic in Las Vegas is "part of our concept of a medical school without walls, helping to develop more medical facilities throughout the state that can be used to improve patient care and for teaching.

"This is a golden opportunity for our students to be involved in summer clerkships in Las Vegas, as many have requested, and to help provide improved, more accessible care for veterans.

Wanted: Gatekeepers, Bootpackers, Markers and any interested persons for Winter Carnival Intercollegiate Races February 12 and 13.

Volunteers will get lift privileges for February 12 and 13; lunches both days and one free lift ticket for weekday skiing.

**Mandatory Meeting
Wednesday, February 9
6:30 p.m.
Thompson Education Auditorium**

If you have any questions, please contact John Melarkey, Tournament Director, at 786-7859.



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Grant provides dental research

The American Dental Association is sponsoring a Program in Dental Research for College Students under a grant from the National Institute of Dental Research.

This program makes it possible for selected pre-baccalaureate college students to spend 10 weeks in the laboratory of a senior dental scientist who is working in the field of the student's career interest.

The overall objective of the program is to identify exceptional students and to furnish insight, through a direct experience, to the challenges that exist in oral biology and related research. Since the scope of oral science includes the entire spectrum of basic and clinical disciplines, this program should be of interest to those students planning to work toward advanced degrees in the biological, physical and behavioral sciences as well as students oriented toward medicine and dentistry.

Richard Frohnen

A man of many activities

In an age when specialization and computer technology has turned men of action into cardboard figures, this university can be proud of an assistant professor who is more Renaissance than robot.

A well-rounded personality in the true spirit of the Renaissance, Richard Frohnen is many things to many people.

—To his doctor, Frohnen is a 41-year-old family man in good physical condition. Over six feet tall and about 200 pounds. Wears glasses.

—To a journalism student, he is a public relations, reporting or journalism background teacher. Nickname: The Major.

—To the Marine Corps, he is a former major, now serving in the San Francisco Treasure Island Reserves.

—To the Boy Scouts, he is Nevada Area Council public relations director (volunteer). Also a scoutmaster and cub scout committee man. Former Eagle Scout.

—To the UNR Medical School, he is public relations director. Publishes a quarterly newsletter, solicits funds.

—To Sigma Delta Chi (SDX), professional journalism society, he is advisor and campus chairman of the chapter.

—To himself, he is "a working newsman."

Perhaps because of his large size, many freshmen students find The Major intimidating. Upperclassmen, who have joked with him at many SDX gatherings, know better.

The freshmen's caution is played upon by a mock warning currently circulating the department: young men entering one of Frohnen's classes must be prepared, or they might be signed up as Marine privates or Explorer Scouts before the semester is over.

Although an exaggeration, the anecdote serves to illustrate one of Frohnen's basic qualities: He is a man committed to certain ideals, and he integrates his classroom with his outside interests.

Actually, several students in Frohnen's advanced public relations class worked on the Scoutarama publicity drive in May. But every student in the class must do a similar project,

Successful candidates will be placed in the laboratories of senior dental scientists wherein the student participates in research studies related to the expressed primary field of interest to each student. The program provides a stipend of \$825 to the student for his maintenance during a period of 10 weeks in the summer.

Air travel will be provided to the student's assigned institution, to a meeting site of a conference held in late August, and back to the student's home or school. The total value of the ten week period is between \$1,100 to \$1,200 depending upon distance traveled. The conference is composed of all student trainees and an opportunity is given for the presentation of individual research reports.

The deadline for application for the program is Feb. 15, 1972. Information and applications are available from Dr. F. Donald Tibbitts, Preprofessional Advisory Committee, Dept. of Biology, UNR.

and working on Scoutarama is purely voluntary.

Next week he will be active at the Boy Scout's 61st anniversary.

To Frohnen, who has spent 30 years in the program, Scouting is a large part of his life. "I can't tell if I got into journalism because of Scouting or Scouting because of journalism. It's all mixed up in my childhood."

He does remember putting out a mimeographed Boy Scout newsletter at the age of 11. Some 15 years ago, when Frohnen worked on the Los Angeles Times, he was volunteer "camping and outdoors chairman" in the downtown district. Or, as Frohnen put it, "a ghetto; it was impossible to maintain organized troops."

Instead, the outdoors chairman called upon local companies to donate trucks, and then carried the city Scouts on what was often their first trip to the country. Today, Frohnen pointed out, similar Scouting programs adapted to the ghetto are being hailed as "new."

"There always has been a ghetto problem," he said. "Only now, people are beginning to recognize it."

Frohnen mentioned another major problem facing Scouting: the competition for a young boy's time.

"My two boys (aged 9 and 11) like to ski week-ends. A Scout program has to be pretty good if they're going to give up skiing for it," he said. "Then there's Little League, 4-H, YMCA, special interest clubs. Twenty years ago, not many children had that many choices."

Frohnen taught journalism in Montana before coming to Reno, five years ago. He is "excited by the professionalism of everybody on the faculty here . . . there is a rapport here with the working press, unlike the so-called 'theory of journalism' schools."

Another good point, Frohnen said, is many graduates from the journalism department hold top jobs. Strictly by coincidence, his managing editor on the L.A. Times and the dean of his graduate school (UCLA) were both UNR journalism graduates.

VITA offers tax assistance

The generation gap is being bridged at UNR where four senior citizens are joining with 16 senior accounting students to take part in the Volunteer Income Tax Assistance Program (VITA) being sponsored by the university's school of business, the Senior Citizen Resource Center and the Internal Revenue Service (IRS).

The VITA program has been set up to train volunteers to aid senior citizens and persons with low income in the preparation of their income tax returns.

This is the second year of the program in which the volunteers are given 12 hours of intense training over a two week period with emphasis on particular tax situations which these two groups might face, such as

retirement income credit and the low income allowance. Training is being given by the IRS personnel Carol Kenville and Myles Borshell.

After the training sessions, the volunteers will be available in certain communities in Nevada week nights in March to provide free, confidential income tax information and assistance in preparing returns to persons over 65 or those who make less than \$6,000 a year.

Senior citizens Clarence Johnson and Hans Lohse will provide the free help in Fallon, A. J. Smith in Minden and Don Perry in Carson City.

The university accounting students will be giving free tax help in Reno in March with the times and places to be announced later.

Announcements

Today

2-4 p.m.—Financial Aid and Scholarship Board. Ingersoll Room.

3-5 p.m.—Faculty Code Committee. Hardy Room.

4-5 p.m.—Christian Science. Las Vegas Room.

6-7:30 p.m.—Spurs. Hardy Room.

6:30-8 p.m.—S.C.I. (Experimental College). Mobley Room.

Final date for late registration and addition of classes.

Wednesday

9:30 a.m.-noon—Social Services and Corrections. Nevada East-West Room.

11 a.m.-1 p.m.—WRA elections. Ingersoll Room.

2-4 p.m.—Campus Crusade. Truckee Room.

3-5 p.m.—Special Services—AIO. Nevada East-West Room.

3-5:30 p.m.—Human Relations Commission. Hardy Room.

4-5:30 p.m.—WRA elections. Las Vegas Room.

7-10 p.m.—ASUN Senate. Nevada East-West Room.

7-10 p.m.—Committee to End the War in Viet Nam. Las Vegas Room.

7-10 p.m.—Student Judicial Council. Ingersoll Room.

7-8 p.m.—Alpha Chi Omega Winter Carnival open house.

7:30 p.m.—American Association of University Professors. Speakers: Paul Bible, Charles Springer. Center.

7:30-10 p.m.—Delta Sigma Pi. Hardy Room.

8-9 p.m.—Gamma Phi Beta Winter Carnival open house.

8:15 p.m.—Concert of American music by Dr. Ronald Williams, pianist. Church Fine Arts Theatre.

9 p.m.—Underground films. Center.

9-10 p.m.—Delta Delta Delta Winter Carnival open house.

10-11 p.m.—Kappa Alpha Theta Winter Carnival open house.

11 p.m.-midnight—Pi Beta Phi Winter Carnival open house.

Basketball: UNR vs. UNLV. Las Vegas.

Thursday

1-2:30 p.m.—Student Health Advisory Board. Mobley Room.

2-5 p.m.—Graduate Council. Ingersoll Room.

4-7 p.m.—ASUN Activities Board. Las Vegas Room.

8-10 p.m.—Asian Alliance. Ingersoll Room.

8 p.m.—Foreign film series: "Ikiru" (Japan) and "The Critic." Lecture Building, Room 1.

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The people who do the work

The VOTE organization is headed by Pat Murphy and a Board of Directors which includes Janice Miller, Dianne Mastroianni, Ron Jones and Jeff Butler.

Murphy, a Senator from the College of Arts and Science and a political science major, has had experience in the political field prior to his Student Vote involvement. State Director of the Governor's Youth Advisory Council Murphy developed and co-ordinated the GYAC 1971 Conference last Spring and is a member of the newly formed Governor's Advisory Council on Children and Youth.

He also is the youth advisor to the State Board of Education and a member of the State Crime Commission.

Janice Miller, Administrative Assistant to ASUN President Dan Klaich, is a senior majoring in medical technology. Active in ASUN government, Miller served last year as Chief Justice for the ASUN Judicial Council as was previously an

associate justice on the Council. She has been active in numerous committees while at UNR and as A-A to Klaich she has come into contact with many factions and activities of the University.

Dianne Mastroianni, a wild life management major, is experiencing her first real political efforts with the Student Vote organization.

Ron Jones, a junior geology major, is a former Viet Nam veteran, active in the UNR Vets organization.

Jeff Butler, a Social Services junior from Las Vegas, has had previous campaign experience before working on the Student Vote. He worked in Senator Cannon's 1970 re-election to the Senate, and for Regent Helen Thompson's campaign for election in Las Vegas.

RJ Carothers, an experienced campaign manager, has been assisting the Vote with the registration drives on the Reno campus.

Rowland heads Nevada BLM

Edgar Rowland, state director in Colorado for the Department of Interior's Bureau of Land Management (BLM) since 1965, was named by BLM Director Burton Silcock as the new state director for Nevada. Rowland, 57, succeeded Nolan Keil who has been reassigned to Washington, D.C., as the Bureau's assistant director for resources.

"Rowland is an outstanding public land administrator," Silcock said. "He has served with distinction in all phases of the Bureau's operations. His professional skills and his abilities in working with user groups will be especially valuable in Nevada where the Bureau administers more public land — over 48 million acres — than in any other state except Alaska."

In June 1971 the Department of the Interior granted Rowland its highest honor, the Distinguished Service Award, for his superior role of many years in expanding and im-

proving the operations of the Bureau of Land Management.

Rowland entered federal service in 1939 as a field examiner in San Francisco for the General Land Office, a predecessor of BLM. He has served the Bureau in such positions of increasing responsibility as an agricultural economist, a regional chief of lands, an assistant land officer in Washington, D.C., and since 1954 in state director assignments in Arizona, Montana, and Colorado.

Rowland was born in Reno, Nevada, and graduated from Reno High School. He attended San Jose State College in California for two years before transferring to the University of California at Berkeley where he received a Bachelor of Science in forestry in 1938. He served as an artillery officer in North Africa and Italy with the army during World War II, attaining the rank of major. He is married to the former Betty Fleming of Vallejo, California, and has one daughter.

A change in withholding procedures

"Many working Nevadans may be surprised this month to find their paychecks smaller because more money will be withheld by the government," Warren Bates, district director of internal revenue for Nevada said.

"However," Bates continued, "taxpayers need only adjust their income tax withholding exemption certificates (Form W-4) to avoid this. The situation has arisen because in the past, most Nevadans did not claim the exemptions due them in order to have enough money withheld so that they would not have to pay too much when they filed their income tax returns.

"This is no longer necessary. Employers have received new withholding tables that more accurately reflect tax liabilities and increases in the standard deduction and in the personal exemption provided by the Revenue Act of 1971.

"For instance, a working man whose wife did not work, with two children, would have had four exemptions—himself, his wife, and the kids. Previously, he might have claimed only two or one of these on his W-4 form so that more money would have been withheld and he would not have had a big tax bill at the end of the year, or would even have gotten a refund.

"Now he can claim his four and in most cases enough will be withheld to cover his tax liability," Bates said.

The new withholding rates are adjusted so that single employees earning up to \$25,000 a year and married employees, whose spouse are not employed, with earnings up to \$31,000 a year can generally expect to have their full tax withheld.

For single employees who earn more than \$25,000 and married employees who earn more than \$31,000, Bates suggested they figure out their 1972 tax and withholding based on expected earnings for the year. Then if their withholding is not enough, they can increase it in order to avoid having to make payments on a declaration of estimated tax.

The new law also introduces a "special withholding allowance" for one-job individuals and families and liberalizes the provisions governing additional withholding allowances for taxpayers who itemize their deductions.

Bates said that generally an employee should:

1) Claim all of the withholding exemptions to which he is entitled for himself, spouse, dependents, etc. Employees who formerly underclaimed exemptions in order to counter balance the underwithholding will probably find this is no longer necessary or desirable.

2) Claim the new "special withholding allowance" if single and if he does not earn more than \$25,000 a year, or if married, his spouse does not work and he has only one job from which he earns not more than \$31,000.

3) Claim the "additional withholding allowances" shown in the table on the back of the withholding exemption certificate (Form W-4) if his itemized deductions are substantially larger than the standard deduction.

Employees and employers with any questions about withholding or taxes in general should call the Internal Revenue Service at 784-5521.

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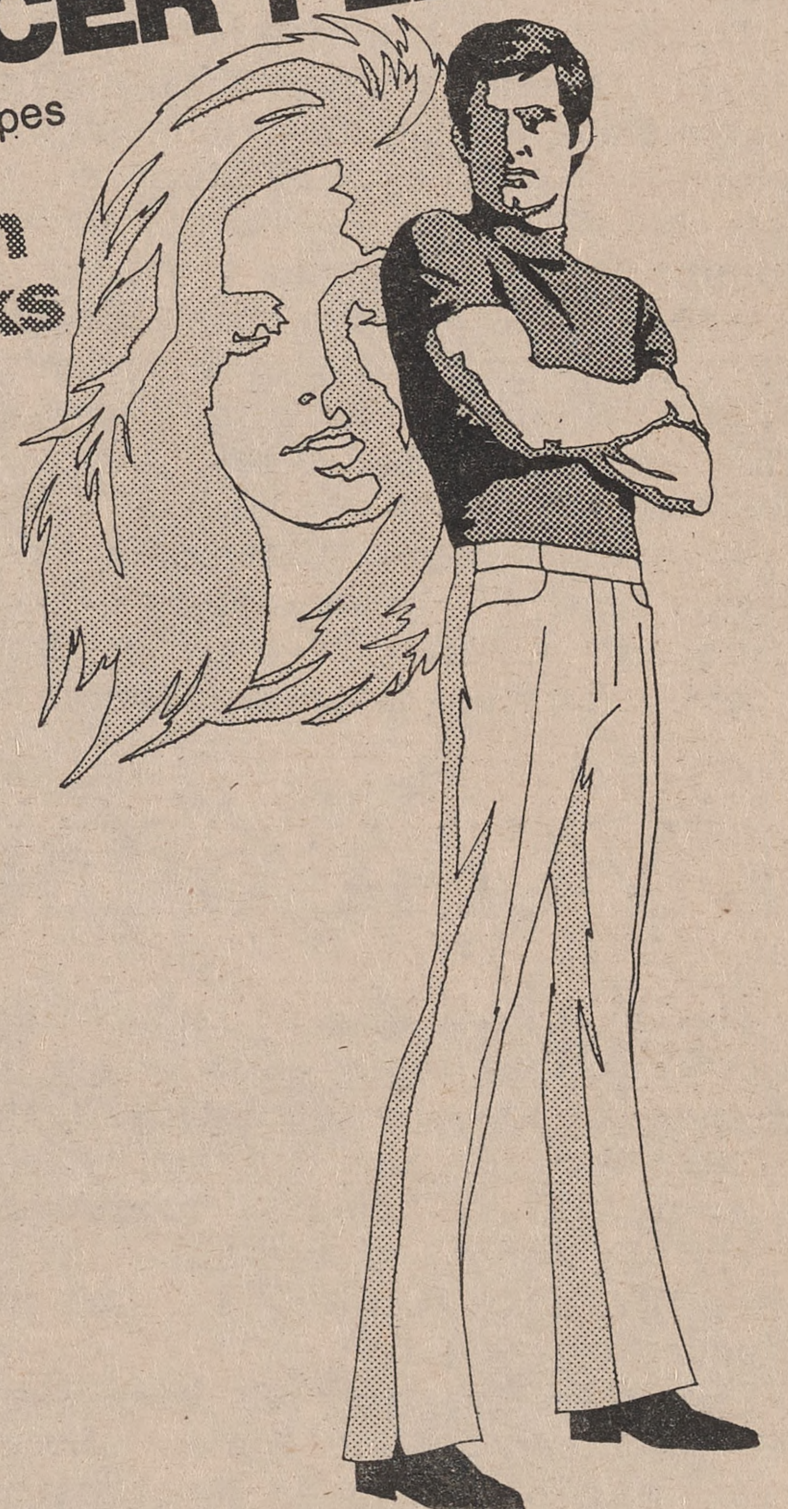
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Ecology via "funny books" in schools

"Funny books" have been placed in Nevada elementary school libraries to help teach ecology and resource conservation. The Nevada chapter of the Soil Conservation Society of America, and the Nevada State Soil Conservation Committee have provided the books to the libraries.

Harry Guenther, cooperative extension agronomist at the College of Agriculture, and this year's educational chairman for the Nevada chapter, said the books are primarily aimed at fifth and sixth graders. But, he added, they also may appeal to both older and younger students.

The material has been placed in the libraries in packet form. The packet contains six illustrated and colored booklets similar to comic books. Each deals with a different ecological concept. Titles include, "Working Together for a Liveable Land," "Help Keep Our Land Beautiful," "Making a Home for Wildlife on the Land," "The Wonder of Water," "The Story of Land," and "Food and the Land." A single

booklet entitled "Plants, How They Improve Our Environment" will soon be added. The materials are called "Better Environment Booklets."

Guenther said the booklets were distributed to the schools by society

members. Distribution was the work of Ray Huxtable of Soil Conservation Service in Reno and last year's

educational chairman. Taking them to the schools in person, Guenther said, allowed for an explanation of the

material to school principals and teachers.

"The society encourages teachers and others to use the booklets," said Guenther. They may be ordered from the Society, 7515 N.E. Ankeny Road, Ankeny, Iowa at \$.25 apiece.

"A matter of Respect," on ecology

"A Matter of Respect," Sierra Pacific Power Company's new film about the building of a concealed power line at Lake Tahoe, will have its first public northern Nevada showing Thursday evening at the Sierra Club's meeting.

Neil Plath, president of Sierra Pacific, will introduce the 30-minute color film. He will also participate in a question-and-answer session after the film has been shown.

Plath's presentation will begin at 8:15 p.m. in room 3 of the Lecture

Demonstration building, the low, circular annex of the chemistry-physics complex.

"The public is invited to attend our 7 p.m. no-host dinner at the Stein as well as our formal meeting," said Sierra Club program chairman John Hallett.

The film will describe the many factors Sierra Pacific had to consider during the line's construction. Pre-construction planning alone took one and one-half years in order to determine, among other factors, the

best, shortest route to take and still keep trees uncut and the landscape unmarred. A landscape architect was hired to designate which trees could be cut and where crews would have to do work by hand.

According to Sierra Pacific spokesmen, the line took almost twice as many man-hours to build and cost more than twice as much as an ordinary line. But the end results, the movie concludes, were well worth it: "The aesthetics of the area were preserved and power supplied."

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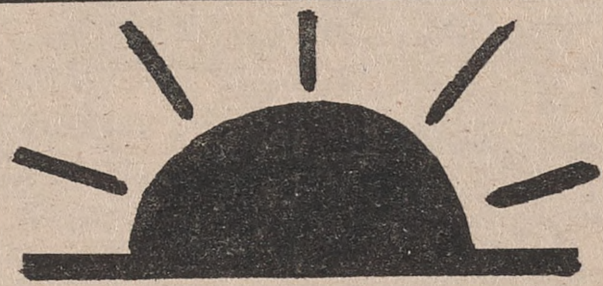
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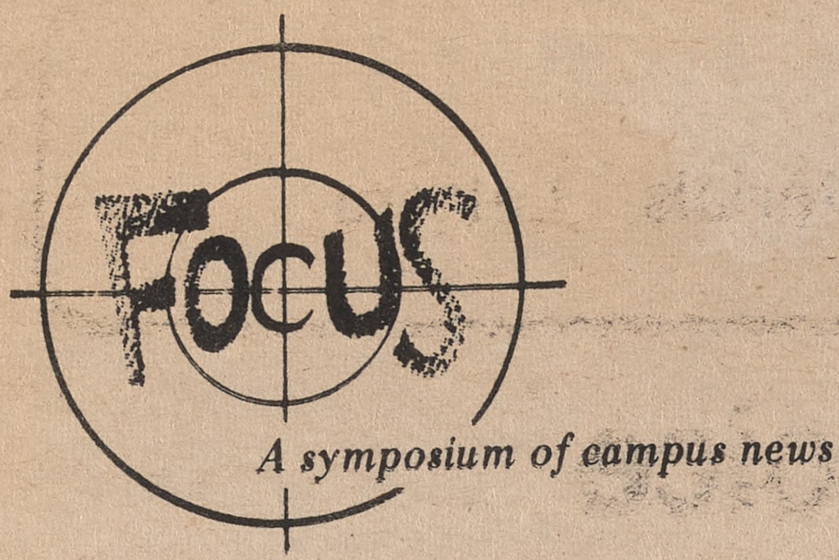
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STUDY INITIATED

A cooperative study has been initiated between UNR's College of Agriculture and the Elko County Fair and Recreation Board. The effort is related to the potential for recreational use of the proposed upper Humboldt River Reservoirs in Elko County. John Malone, chairman of the College of Agriculture's Division of Agricultural and Resource Economics, and Clair Christensen, extension community resource development specialist in the division, recently announced the study was underway.

The proposed reservoirs are included in the Humboldt River Project. They are proposed to be located on the north and south Forks of the Humboldt River and the Marys River.

The study, according to Malone, will include a projection of recreational use on the reservoirs, visitor impact upon the Elko County economy from such use, and various aspects of recreation facilities management. It is a coordinated effort between the extension and experiment station staff of the College of Agriculture. Don Beeler, economist from the college, is the principal investigator.

STUDENT TO BE EDITING INTERN

William Roberts, a Tonopah high school graduate and junior journalism major at UNR has been selected by The Newspaper Fund, Inc., to participate in a summer editing intern program.

Roberts was one of eight students from west coast universities selected this year. Nationally, 50 students were selected from nearly 400 applicants.

After attending a three-week editing course at the University of Nebraska, Roberts will work as a copy editor on a Bay Area newspaper for eight weeks next summer. In addition to his pay as a member of the newspaper's staff, he will receive a \$700 scholarship from the Fund.

The Newspaper Fund is a foundation of the Wall Street Journal dedicated to interesting young people in careers in newspaper journalism.

Since the editing program was established in 1968, the department of journalism has supervised its operations west of the Rockies. While Roberts is at Nebraska other participants in the program will be sent to Nevada, Ohio State, and Temple University for similar editing courses in June.

Roberts graduated from Tonopah High School in 1969. He attended Stanford University and then transferred to Nevada. He has held Nevada State Press Association, Crown Zellerbach, Tonopah Memorial, and Fleischmann scholarships. In addition, Roberts has been on the honor roll at Nevada for three semesters.

He is the son of Mr. and Mrs. Gerald Roberts of Tonopah. Roberts is editor of the Tonopah Times Bonanza and other publications in the Central Nevada Newspapers Group.

HALEY TO LECTURE

The biographer of Malcolm X will be among visiting lecturers in the first "Black History" course to be offered at UNR.

Alex Haley of San Francisco, award-winning author of the "as told to" story, "The Autobiography of Malcolm X," is tentatively scheduled to appear on campus Feb. 17. He is

completing a new book to be published late this year which traces the history of his family from West Africa through their years as Southern slaves to the present.

Other black scholars who will help with the course are St. Clair Drake, chairman of the Afro-American Studies Program at Stanford University, and Leonard Jeffries, chairman of the Black Studies department at San Jose State. They will lecture several times during the semester.

Also to appear as the opening lecturer on Feb. 1 is Joseph Solomon, M. D., clinical professor of psychiatry at the University of California Medical School. His topic will be "Identity."

Joseph Metzgar of the history department will conduct the course which will meet Tuesdays and Thursdays at 2 p.m. in room 2 of the lecture building.

UNLV RECEIVES GRANT

Chancellor Neil Humphrey reports receipt of a federal grant which will save UNLV \$54,433 per year for the next 24 years.

The grant from the Office of Education of the U. S. Department of Health, Education and Welfare pays the interest charges on \$2,500,000 worth of UNLV revenue bonds sold to help construct the new physical education complex on the Las Vegas campus. The balance of the \$4,787,000 project is being financed through the sale of \$2,287,000 in state general obligation bonds.

An application is pending with the federal government for another grant to pay the interest on the \$4,250,000 in revenue bonds sold to finance construction of the new physical education complex on the Reno campus.

TOWER NAMED TO COMMITTEE

T. R. Tower, director of special education in the UNR College of Education, has been named a member of the Nevada committee on Exceptional Pupil Concerns. The committee is developing a program for exceptional children in the state.

Last week Tower delivered a paper at the Council for Exceptional Children regional meeting in Salt Lake City.

CAMPBELL NAMED TO COMMITTEE

John Campbell of the department of elementary and special education has been appointed to the certification committee for Nevada Community Training Centers.

Campbell also has been appointed by the state superintendent of public instruction to a "panel of experts" to evaluate local school district proposals for funding under Title III of the Elementary and Secondary Education act.

EXTENSION AGENTS HONORED

Three Nevada cooperative extension agents were nationally recognized recently. Announcement of those who won the awards was made at the annual Nevada County Agents' Association Banquet held in conjunction with UNR's College of Agriculture Conference. The conference was held Jan. 10-13 in Reno.

Jack Purcel, Washoe County cooperative extension agent in charge and president of the Nevada association, pointed out that the three won the awards during the annual meeting of the National County Agents' Association held last September. They were selected by committees of the national association.

The three winners are J. Kirk Day, Humboldt County extension agent in charge; Charles York, Churchill County extension agent in charge; and Leonard Burns, Carson City and Douglas County youth agent.

Day won a plaque and national recognition for being named second in the nation in the category of overall excellence in an extension program. The

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award is sponsored by the Geigy Chemical Company and the first place winner gets a trip to Europe. Day was named alternate for the trip.

Considered in the judging on Day's entry were his current extension program in Humboldt County, how it has been developed and what it has done to benefit the county and its residents.

York placed first in the nation in the feature story category of the association's 1971 Public Information Awards Program. Aside from a plaque and national recognition, York also won \$125. Sponsor of the award is Ahmchem Products.

A series of feature articles written by York and appearing in special newspaper supplements were judged the best feature story efforts among 1971 entries. The supplements were to acquaint the public with agriculture in the Newlands project, its value to Nevada and its relationship to available irrigation waters.

Burns was one of the national winners in the Association's Career Guidance Award Program. He was selected on the basis of accomplishments made by a 4-H Business Careers Exploration Club which he directed. The club ran a gift wrapping concession at one of Reno's large discount department stores. The club members ran all phases of the concession including planning, accounting, management, training of wrappers and so on. Burns was awarded a movie camera and other movie equipment.

GUARANTEED SUMMER JOBS

Qualified high school graduates who plan to become civil engineers at UNR can be guaranteed a job for the next eight summers if they are accepted into the cooperative highway engineering training program sponsored by the university and the Nevada State Highway department.

There were 83 students in the program last summer. Participants are selected on the basis of engineering aptitude, character, personality and financial need.

Applications to participate in the program should be filed with Charles Breese, acting dean of the College of Engineering by April 15. The American College Testing program's aptitude examination should be completed in February.

ALL-STATE BAND AND CHOIR

Selected music students from throughout Nevada convened at UNR last week as the All-State High School Band and Choir.

Nearly 250 band and choir students presented a free public concert Saturday at the Reno Pioneer Theatre Auditorium.

Rudolph Saltzer, associate dean of Fine Arts and Humanities at California State, directed the 140-member choir. Norman Hunt, chairman of the music department and band director at Sacramento State College, directed the 100-member symphonic band.

The annual all-state event was co-sponsored by the Nevada Music Educators Assn. and the UNR department of music.

MILLER TO TEACH CLASS

President N. Edd Miller will spend part of his time this spring in the classroom.

He will teach from 2-5 p.m. Tuesdays a three-hour, upper division course on "Conference and Discussion Techniques" in the department of speech and drama.

A professor of speech, Miller is the co-author with a former colleague at the University of Michigan, William Sattler, of a textbook on the subject matter of the course.

PINE RE-ELECTED AS CHAIRMAN

Edward Pine has been re-elected to his seventh two-year term as chairman of the State Board of Registered Professional Engineers.

Pine, who has been chairman of the board since 1960, is vice president for business at UNR.

Two other university engineers also were named to executive posts on the board. George Sutton, chairman of the mechanical engineering department, was re-elected to his second term as vice president of the board, and Howard Blodgett, dean emeritus of the College of Engineering, was reappointed executive secretary.

The board is responsible for testing and registering all professional engineers practicing in the state.

LICATA NAMED TO COMMITTEE

Richard Licata of the UNR School of Medical Sciences, has been elected to a second term on the executive committee of the regional program of the Western Interstate Commission for Higher Education (WICHE).

Licata, director of research and a professor of anatomy at the new two-year school, represents the state of Nevada medical program.

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Editor:

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Along with this letter is a sheet displaying a number of DCs titles which I

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Comment

from the Sacramento Bee

"Miss American Pie"

By Nicholas Von Hoffman
Times-Post News Service

"Bye bye Miss
American Pie
Drove my Chevy
to the levy
But the levy was dry.
Them good old boys
were drinking whiskey
and rye
Singing, 'This'll be the
day that I'll die.' "

—Don McLean

WASHINGTON—Compare the recent history of two women, only five years apart in age. One is a convicted murderess, and the other is in jail waiting to stand trial for murder. One killed a cop, and the other is accused of killing a judge.

One is Angela Davis and the other is Heidi Ann Fletcher, a 22-year-old white girl who pleaded guilty last December to 10 counts of first degree murder, armed robbery, robbery and illegal possession of dangerous weapons. It is unlikely, however, that Fletcher will spend as much time in jail for having committed her crime as Davis will have spent in the tank before she gets to trial. The difference, you see, is that Heidi Fletcher is Miss American Pie.

What did she do? She was the wheelman in a \$7,900 robbery of a savings and loan association last May. In the course of her crime, a Washington, D.C., policeman was murdered.

From here on in, to follow the story, you must remember that Miss American Pie is the white daughter of the former white deputy mayor of the District of Columbia, Thomas W. Fletcher. Fletcher is currently the city manager of San Jose, Calif. He also has enough bread to hire Edward Bennett Williams. If you ever kill someone, hire Williams, if you can afford it.

Davis' lawyers are now in court asking that the state pick up the tab for their indigent client's legal fees. If the judge rules against her, she will be completely dependent on whimpy little fund-raisers. Ever since Tom Wolfe put the blast on the Bernsteins, raising dough for the likes of Davis has been radical all right but not very chic.

In August of last year Miss American Pie was released into the custody of a high District of Columbia official who is also an old pal of Heidi's father. The amount of the bail? None whatsoever. It was merely stipulated that she should be in by 10 and get a job.

The situation with Davis is somewhat different. She has been in jail for 15 months. She has repeatedly asked for bail and just as often she has been

turned down, turned down even by one judge who said in open court she would be a good bail risk.

The probation report on her recommended that she be released on \$100,000 bail, which is a lot tougher to raise than it is to get home by 10 every night. Even the administrator of Marin County, Calif., where Davis is alleged to have committed her crime has urged she be bailed. He got so indignant about it he quit his job, saying, "I must say I am happy to remove myself from an establishment of which the judicial branch has not yet found a way to release Angela Davis on bail."

What happened next with Miss American Pie is more wondrous and it shows how a good mouthpiece is worth his money. Eight days before Fletcher turned 22, he pleaded her guilty. The reason is that if he had waited until her birthday she could not be sentenced under the Youth Correction Act. As a normal murderess, Heidi might have pulled life or even the electric chair, but under the Youth Correction Act she can be accorded understanding, sympathy and great leniency. That's what she got. A maximum sentence of nine years and the possibility of release at any time before then. If Davis is acquitted, she may still have served longer than Miss American Pie will have put in the joint for having killed her cop.

The next astonishing turn in Heidi's case is that sentence was passed on her the same day she pleaded guilty. Most unusual. Ordinarily it takes weeks for probationary reports and recommendations to the judge. That's what the prosecution wanted, but if that advice had been followed the Youth Correction Act wouldn't have applied.

During Heidi's presentence hearing, there was much emotion with the redoubtable Edward Bennett Williams explaining to the court that Fletcher was starved for love, "a young girl . . . an indigent in some of the necessities of life as any monatarily indigent defendant." What would Williams have said of Davis' indigency?

There was also an expensive shrink to tell the judge that the Fletchers are "a family of strangers, unable, for whatever the dice of fates were, to give her the kind of life she needed." So it was averred that this young woman had developed a very excessive dependence on "a certain type of parental figure" and that's why she did it. Imagine the complexes you could think up for a sensitive black woman like Angela Davis if you were a clever shrink in a courtroom. That's what Angela should do. Plead guilty and cop out on a race psychosis.

Then she might get the one last measure of mercy the court showed Heidi Fletcher. Instead of being sent to the Women's Correctional Facility at Alderson, W. Va., which is a lot closer to Washington, she was sentenced to prison in Los Angeles because the psychiatrist said it would be better if Heidi were closer to her family, and besides, the warden there says, "We have palm trees all over the place."

of 'The French Connection' . . . not much of a movie . . . some of it, however, is moderately good fun . . ."

A three-star billing is what Bill Graham offers this coming weekend at Winterland. Taj Mahal, Commander Cody and His Lost Planet Airmen, and Quicksilver Messenger Service (starring Dino Valente) will play. As for Graham himself, not to know him is to love him . . .

Another reason why John Lindsay would make a lousy Nixon replacement: in 1969, in Lindsay's "Fun City," there were 1,085 arrests for rape. There were 18 convictions, a 3.9 percentage. The national rape conviction on fate for '69 was 36 percent . . . Be it ever so filthy, Lindsay doesn't mind. He's in sunny Florida . . .

You ask why you should be wary of Florida millionaire Glenn Turner's "Dare To Be Great" people.

Well, the New York Times reported recently that Turner's success motivation courses (this is a pyramid-selling operation, not too much unlike a chain letter) have been banned in New Jersey. Turner's companies, including Koscot cosmetics, are currently being challenged on grounds of fraud in 26 states . . .

Add to headlines that catch the eye: **NIXON HAS NEW IDEA FOR ADDRESS.** Right on, Dickie, any address you want, excluding your present one at 1600 Pennsylvania Ave., is fine with me . . .

+++

Top this rip-off if you can. In Briarcliffe, N.Y., a young couple went to dinner one evening at a local restaurant and returned to find their car apparently stolen.

After reporting the theft to the police, they went home. The next morning in their driveway was the auto with a note attached to the windshield.

"There was an emergency and we had to borrow the car," the note read. "Please excuse the inconvenience, but perhaps these two theater tickets will make up for it."

The couple, surprised but pleased, called the cops and said they had found the auto. The pair used the "free" ducats the next Saturday.

When they returned that night, they found their house had been completely looted . . .

What It Is by the Bookie



Some folks sure have short memories.

Talk to students who went to see the James Gang concert. College students, that is. All they can bitch about is the number of young kids (tennyboppers, some call them) that have been attending the rather infrequent concerts.

Admittedly, some of the junior high schoolers act silly. Some bounce around and keey saying things like: "Hey, I'm more messed up than you are. I took this, smoked that and dropped a tab of whatchmacallit."

Still others put on a show all their own as they smoke cannibis sativa and drink Boone's Farm. They don't know the meaning of discretion (despite Reno's police-state reputation).

So what to do about these kids? It's an economic fact of life that we, as UNR students, can't afford to bring big name groups here without hitting up the "outsiders" in the community for \$5 a ticket.

Can we check IDs at the gate and bar all those under 16? I doubt it. Age discrimination is not much different from other types of discrimination.

By the way, how mature did you act at the same age? Or can't you remember that far back?

The truth is that, like it or not, you won't see groups like Canned Heat or performers like Country Joe McDonald coming to Reno unless the concerts remain open to all segments of the community.

Money talks and if you're willing to let the giddy actions of a few kiddies kill the pleasure of a good concert, keep on walking and don't look back.

BARROOM BANTER (\$64 Question): Will Al (The Hood's Pal) Davy follow the advice of Joe Cocker? You know, like quit the UNPD and get himself a steady job?

Local film freaks predict that "Butch Cassidy and the Sundance Kid" will ride back into Reno again (for the umpteenth time) before we get to eyeball Stanley Kubrick's widely-acclaimed "A Clockwork Orange."

Film critic Kevin Kelly of the Boston Globe put the knock on another movie that may never make it to Reno. It's "Dealing: Or the Berkeley to Boston Forty-Brick Lost Bag Blues."

Kelly calls the film "a kind of Harvard Square undergraduate version

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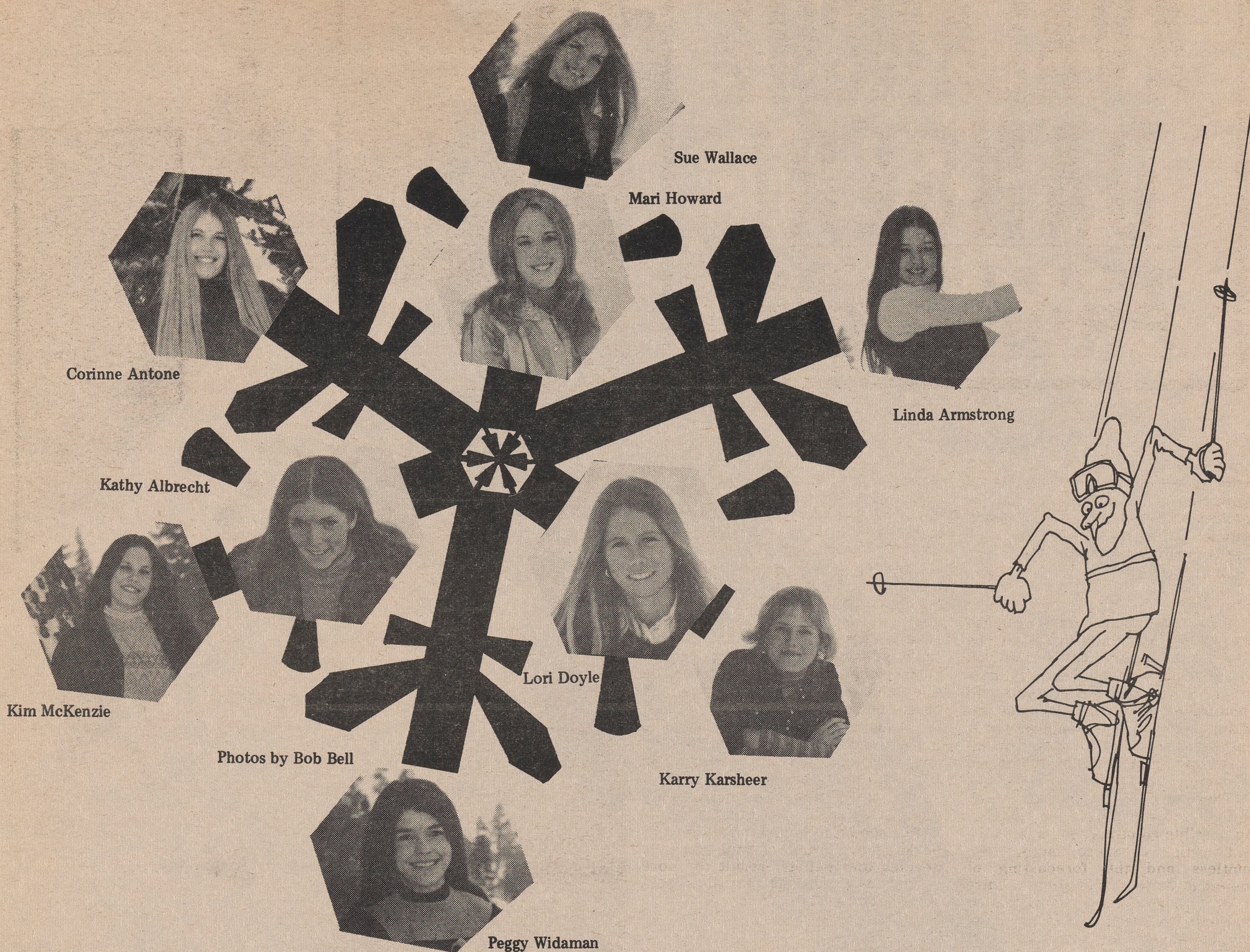
**Perspective:
Skiing**



Perspective: Skiing

An in-depth report by the UNR Sagebrush

supplement editor: Buddy Frank



Winter Carnival activities begin tomorrow

The 32nd annual Winter Carnival, with the theme, "Keep on Skiin'," began Feb. 1, with a concert featuring the James Gane, Canned Heat and Battorff & Rodney, at the Centennial Coliseum. The carnival continues through Sunday.

The traditional sorority open house will be tomorrow starting at 7 p.m. at the Alpha Chi Omega house; at 8 p.m. the hostesses will be Gamma Phi Beta; Delta Delta Delta takes over at 9 p.m. and Kappa Alpha Theta follows at 10. The Pi Beta Phi house ends the day's activities with its open house beginning at 11 p.m.

An added attraction at the open house this year will be live music and light refreshments at each house during the hour it is open.

At 4 p.m. Friday the living group inner tube races will be held at the Manzanita Bowl. All living groups may participate but are reminded that filing an entry form is mandatory.

A rock climbing and ski show will begin in the student union Friday at 7:30 p.m. A UNR alumnus, Dick Dorworth, who was a 1970 United States Ski Team coach, will be the featured speaker. He will present the award-winning film, "Fitzroy," and a slide presentation of his mountain climbing expedition to the Southern tip of Argentina.

Highlight of Friday evening will be the crowning of the 1972 Winter Carnival Queen. Nine candidates, each 18-years-old, and each representing a university living group, will be vying for the title.

The candidates are:

Kathy Albrecht, who represents Manzanita Hall. She is a fashion merchandising major from Fair Oaks, Calif. The daughter of Mr. and Mrs. Robert Albrecht, she hopes to become a retail store clothing buyer.

Corinne Antone, daughter of Mr. and Mrs. Joe Antone of Reno, represents White Pine Hall. The blonde, blue-eyed freshman is an anthropology major and lists skiing as her favorite hobby.

Linda Armstrong is the Alpha Chi Omega entrant. She is the daughter of Mr. and Mrs. George Armstrong of Reno. Her major is undecided, but she hopes one day to teach modern dance and ballet.

Lou Doyle who represents Pi Beta Phi sorority, was born in Montreal, Canada. The daughter of Dr. and Mrs. Patrick Doyle, of Atherton, Calif., her ambition is to become a psychologist.

Delta Delta Delta sorority is sponsoring Mari Howard as its candidate. She is the daughter of Dr. and Mrs. H. Brady of Atherton, Calif., and is a medical technology major, who likes horses and

thoroughbred racing.

Kerry Karshner, daughter of Mr. and Mrs. R. Krashner of Palos Verdes Peninsula, Calif., represents Juniper Hall. Kerry is an English major and likes dancing, art, reading and skiing.

Kim McKenzie, Kappa Alpha Theta's candidate, is the daughter of Mr. and Mrs. E. McKenzie of Reno. An elementary education major, she hopes one day to teach.

Sue Wallace, representing Nye Hall, is from Bishop, Calif. She is a nursing major, whose ambition is to travel.

Peggy Widaman, daughter of Mr. and Mrs. Hugh Widaman, Jr., of Reno, is an elementary education major. She represents Gamma Phi Beta, and likes to work with children.

"Saloon Night!" will also be held Friday. The Burly Bull, Leo's Den and the Library, to name a few, will be offering special discounts on food and drink to UNR students.

Saturday and Sunday, Feb. 12 and 13, UNR Ski Day will be featured at Mt. Rose, with special lift prices for all UNR students.

The intercollegiate competition begins at 9:30 a.m. with the giant slalom at Mt. Rose. The ski jump at Galena Creek is at 1:30 p.m. The women's intercollegiate powder puff race begins at Mt. Rose at the same time.

On Saturday afternoon, there will also be a parachute demonstration at Mt. Rose and the Torchlight "N" parade takes place at sundown.

Saturday's events close with the Apres-Ski dance at the Mt. Rose Lodge. Featuring the group "Smoke," the dance is from 9-12 p.m.

Sunday, Feb. 13, once again finds the activities centered around Mt. Rose. Men's intercollegiate races start at 9:30 a.m. and the cross country will be at 2 p.m.

The Skiers Banquet at 4 p.m. at Mt. Rose officially ends this year's carnival.

Several schools throughout the West plan to take part, including Stanford, Sierra College, Menlo College, Mills College, and the University of Utah, to name just a few.

The Winter Carnival Committee urges everyone to participate in as many activities as possible. There is no charge for the sorority open house, the Dorworth presentation or the dance at Mt. Rose Lodge.

Helen Rasmussen is Winter Carnival Chairman and John Melarkey is the tournament director.

Nevada's annual Winter Carnival has been rated as the top Western collegiate meet, next only on a national level to the Dartmouth Winter Carnival.



AVALANCHE DANGER!

SKIING IN AREA BEYOND THIS SIGN PROHIBITED

(Editor's note: In view of the recent deaths of two young boys due to an avalanche at a local ski area, Sagebrush is reprinting this Wasatch National Forest pamphlet on general rules for avoiding and surviving snow avalanches.)

Snow avalanches may release tremendous forces and are a serious threat to the winter traveler. If you are involved with one and, in particular, if you are buried, you will probably not survive. It is most important that you learn enough about avalanches to avoid them and to increase your chances of survival if you are caught.

There are many factors which contribute to avalanche conditions. The possible combinations and inter-relationships of these factors are countless and the forecasting of avalanche danger will often require the evaluation of a very complicated situation. However, there are many practical things you can learn that will be helpful to you.

The following general guidelines must not be accepted as absolute rules. They are only an organized list a thinking observer can use to develop an opinion about the presence and degree of danger.

Terrain factors

Slope steepness - Slopes of 30-45 degrees (60-100 per cent) are most likely to avalanche, but anything from 25-60 degrees (46-170 percent), or even more or less, can do so under certain conditions.

Slope profile - Convex slopes are the most dangerous. Concave slopes are less dangerous, but they can, and sometimes do, avalanche.

Slope aspect - North-facing slopes are the most likely to avalanche during the middle of winter. South-facing slopes become dangerous in the spring and during sunny days as the sun begins to rise higher in the sky.

Leeward slopes are dangerous because wind borne snow adds to rapid accumulation of depth; also, the hard, hollow-sounding wind slab may develop there. Windward slopes generally have less snow and benefit from wind compaction.

Ground cover - Areas with large rocks, trees and heavy brush help to anchor the snow on the mountain. Smooth, grassy slopes are much more dangerous.

Snow factors

New Snow - You should always suspect dangerous conditions with a foot of new snow. However, conditions can be dangerous with less snow.

Rapid snow settlement is a favorable sign. Look for settlement cones around tree trunks and over

rocks. Lack of settlement is a danger sign.

Loose, dry snows avalanche easily. Moist, dense snows tend to settle rapidly, but during windy periods can also be dangerous.

Old Snow - When the old snow depth is sufficient to cover natural anchors, such as rocks and brush, additional snow layers will slide more readily. Also, the nature of the old snow surface is important; rough surfaces being favorable for stability and smooth surfaces such as sun crusts being unfavorable.

A loose, underlying snow layer is more dangerous than a compacted one. You can check this with a ski pole, ski, or snowshoe.

Crystal Types - You can readily observe general crystal types by letting them fall on a dark ski mitt or parka sleeve. Small crystals, such as needles and pellets, result in more dangerous conditions than the usual star-shaped crystals.

Weather factors

Wind - Sustained winds of 15 mph and over cause danger to increase rapidly.

Snow plumes from ridges and peaks indicate snow is being moved onto leeward slopes during clear weather and dangerous conditions may be developing, even though it is not storming.

Temperature - Snow persists in an unstable condition longer under cold temperatures. It settles and stabilizes more rapidly during warmer weather, near or above freezing.

High and rapidly rising temperatures in the spring months may result in wet snow slides, particularly from south-facing slopes.

Beware of a rapid rise or fall of temperature. Shadows creeping across a slope may change temperatures enough to create dangerous conditions.

Rate of snowfall - Snow falling at the rate of one inch per hour or more increases avalanche danger rapidly.

General observations

Old Slide Paths - An avalanche path that has slid once will slide again. Look for old scars in timber and avoid steep gullies and steep, open slopes.

Sluffing - Sluffing indicates that stabilization is taking place.

Recent Avalanche Activity - Look around, if you see new avalanches you should suspect dangerous conditions.

Sound and Cracks - If the snow sounds hollow, particularly on a leeward slope, conditions are probably dangerous; if the snow cover cracks and the cracks run in the snow, slab avalanche danger is high.



Route selection

The safest routes are on ridge tops and slightly on the windward side away from cornices.

Windward slopes are almost always safer than leeward slopes.

If you cannot travel on ridges, the next safest route is out in the valley away from the bottom part of slopes.

Stay high and near the top if you must cross dangerous slopes or avalanche paths; if you can see old or new avalanche fracture lines, be sure to avoid them and other similar areas.

Go straight up or down if you must ascend or descend a dangerous slope; do not make traverses back and forth across it.

Take advantage of areas of dense timber, ridges or rocky outcrops as islands of safety. Use them for lunch and rest stops and spend the least time possible out on the open slopes.

Snowmobiles must travel across the lower part of slopes; especially long, open slopes or known avalanche paths.

Look for, and obey, all signs or other warnings of avalanche danger.

Precaution

Only one person at a time on a suspect slope: all others watch the person that may be in danger.

Remove ski pole straps, ski safety straps, loosen all equipment, put on mitts, cap, and fasten clothing before being exposed to avalanche danger.

Carry and use an avalanche cord, carry a sectional probe.

If caught in an avalanche

Discard all equipment. Get away from your snowmobile. Make swimming motions, try to stay on top and work your way to the side of the avalanche.

Do not cry out or open your mouth after you are in the avalanche.

Get your hands in front of your face and try to make an air space as you are coming to a stop.

If you are the survivor

Mark the place where you last saw the victim.

Search for him in the fall line and directly below the last seen point.

Search the area of greatest deposition first.

You are his best hope for survival. Do not desert him and go for help unless help is only a few minutes away.

Remember, you must consider not only the time for you to get to help, but the time required for help to return, and the victim has only a 50 per cent chance of surviving for an hour.

If you go for help, mark the route so a rescue party can follow it back.

Information

Check weather forecasts. Contact U. S. Forest Service Snow Ranger or nearest winter sports area ski patrol.

UNR

Ski school



The most difficult part of ski class is getting to the bus.

"A total, well-rounded skiing program is the objective of the physical education program at the University of Nevada," according to instructor George Twardowkens. Nevada is one of the few schools in the nation offering courses in all phases of skiing. Currently the curriculum includes classes in pre-season conditioning, skiing — beginning through racing — European tours and instructor techniques.

Student reaction to the program has been excellent. Of the 1570 students enrolled in activity classes, 321 are signed up for the ski program this semester. The benefits are easily recognizable. The instruction program offers the student eight trips to the mountains, complete with lift ticket and instruction, and three technique lectures. The \$37 fee for the courses is extremely reasonable, considering a similar program would cost the student \$64, and would not include transportation and insurance, which the course fee does. The text was written by Twardowkens, a certified instructor both in the U.S. and Europe, and Art Broten, also of the physical education department.

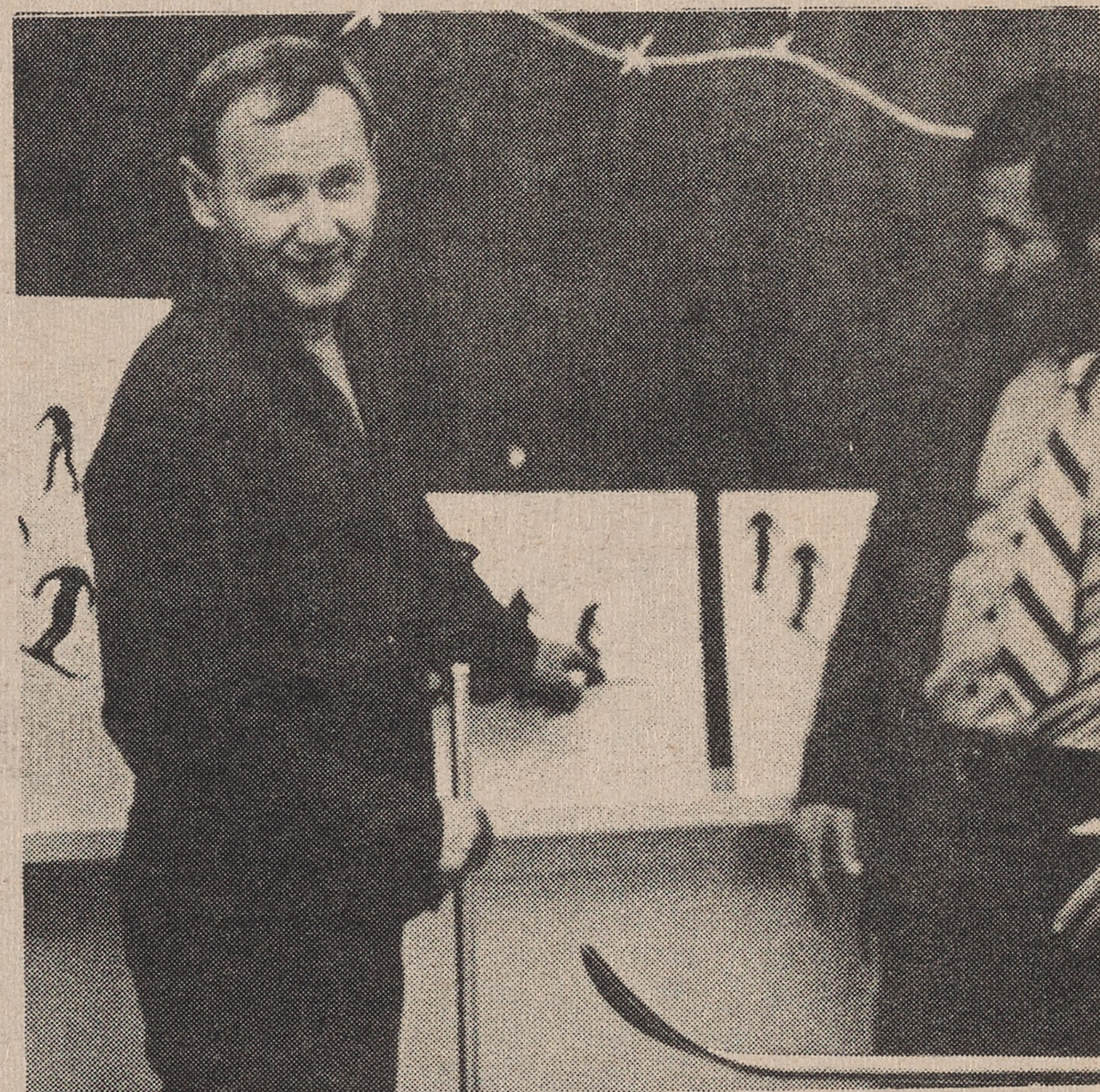
Instructors for the program include Twardowkens and members of the professional schools at Slide Mountain and Mt. Rose ski areas. Offered at noon, five days a week, the course may be repeated for credit four times allowing students to continue their progress. A special racing class is taught by Dominic Pardon of Mt. Rose on Thursdays.

The fall semester also includes two ski-related classes. 277 is a class open to any parallel skier and "prepares the pupil to teach in any commercial school." Also the course is a valuable aid for passing the tough certification tests for professional instructors. Twardowkens pointed out that by taking the course, students needn't waste valuable skiing time attending technique clinics. Another program beginning in September is pre-season conditioning. Conditioning is a valuable, but often overlooked aid to skiers of any level. Designed to make conditioning both interesting and relevant to skiing, students use their poles in most activities, concentrate on muscle groups used in skiing and run "dry-land" slaloms.

Twardowkens, in expressing his satisfaction said, "There's no problem of wins or losses, just the quality of the instruction; at present, as before, it's an excellent program."



One of many ski exercises in pre-conditioning is demonstrated by instructor George Twardowkens.



George Twardowkens and Italian Olympic skier Tito Pardon, a guest speaker, lecture during the instructor's class offered the fall semester.

Some good pointers on *how to keep warm*

by Gerry Cunningham
Copyright 1967, Colorado Outdoor Sports Corp.

If your feet are cold, put your hat on. That may sound facetious, but to those who understand how the human body works in a cold environment it is a simple statement of fact.

Man is essentially a tropical animal. He is able to survive and enjoy life in cold climates, where he is also more efficient and productive, only because his ingenuity allows him to maintain his body temperature within the very narrow limits dictated by his physiology.

The viable temperature limits are actually about 75 degrees to 100 degrees for deep body temperature, but nature has provided us with a comfort threshold well within these limits.

Since there is a very wide difference in how individuals react to cold, the data presented here must be tempered by your own reaction. These suggestions will tell you how to be warmer, but not how warm you will be.

Here are a few practical suggestions to help you keep warm.

It matters not why you need to keep warm—waiting for your bus on a cold snowy street corner, skiing, watching a football game, or climbing in the Himalayas—the principles are the same, and you can apply some or all, depending on the urgency of your situation. Here are six rules to comfort:

1. Remember—**Thickness** is warmth. It is

the **thickness** of insulation used that counts, not the material it is made of.

2. Keep your torso warm so it can send its excess heat to your less well insulated extremities.

3. Avoid sweating by ventilating to bypass your insulation before you start to sweat.

4. Keep wind and rain out of your insulation by suitable outer covering or protection.

5. Use your head. Keep it covered to help force heat to your extremities. Uncover it early to avoid sweating.

6. Increase your metabolism by straining one muscle against another if you are all buttoned up and still cold.

the science of clothing

Now let us discuss some practical means of adapting our clothing to accomplish the conditions necessary for cold weather comfort. Remember that although fashion dictates our dress in most cases, many of these principles can be accommodated in the most fashionable outfit. There is no need to be cold.

ventilation

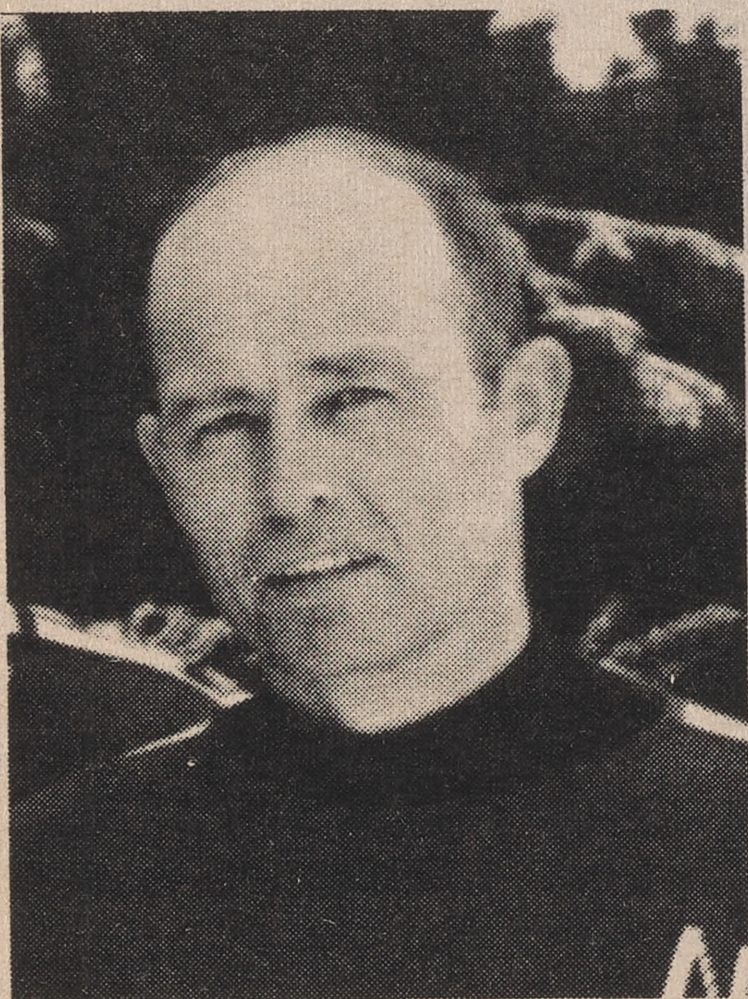
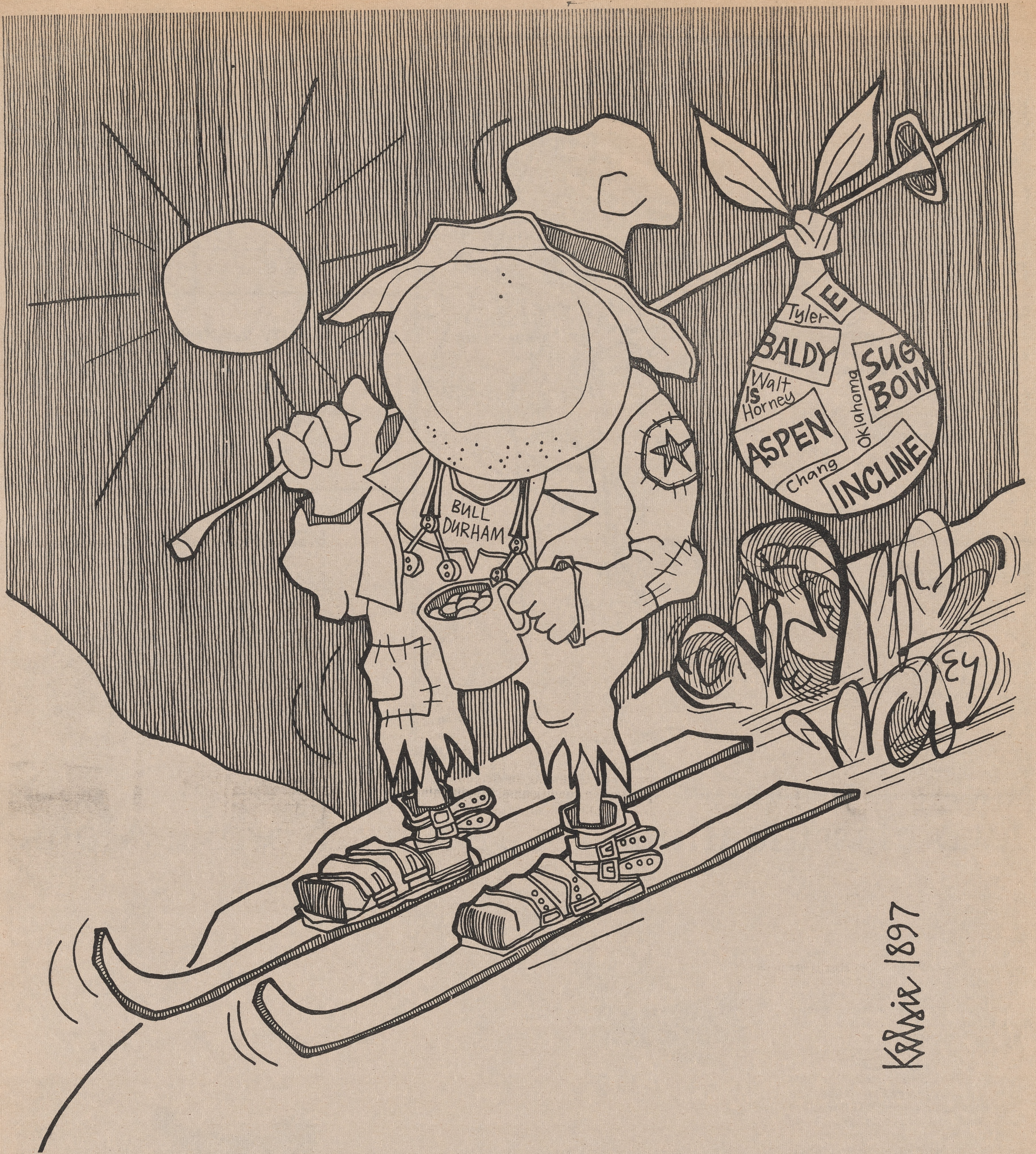
Starting with the skin and the need to prevent body moisture from entering the clothing, the requirement is for an air space around the body so the moisture can evaporate

and the vapor laden air can then move freely out the neck opening. It will not force itself through the clothing if it is free to leave by an easier method. The many brands of ventilating net underwear are the answer to the problem. They even make an ordinary suit of clothes feel better in winter. The proper type is distinguished by a $\frac{3}{8}$ " square mesh or larger, about $\frac{1}{8}$ " in thickness and completely open. Smaller holes and "waffle weave" underwear simply do not allow the necessary evaporation to take place. So called "insulated underwear" should not be worn next to the skin except for short periods. It can be used as effective insulation when worn over ventilating underwear if great thickness is not required. Start out right by keeping body moisture out of your clothing. Wear ventilating net underwear.

insulating thickness

Next comes your insulating layer. For practical reasons we usually start with a conventional shirt and trousers. These can be counted on for an effective $\frac{1}{4}$ " of insulation if they are a wool shirt and heavy trousers. An ordinary business suit gives about the same. To this must be added sufficient insulation to give an average effective thickness according to the temperature, and your metabolic rate.

(continued on page 8)



Head Coach Mark Magney

UNR Ski Team strong contender

The UNR ski team is a strong contender to take the overall title at the 1972 Winter Carnival this weekend.

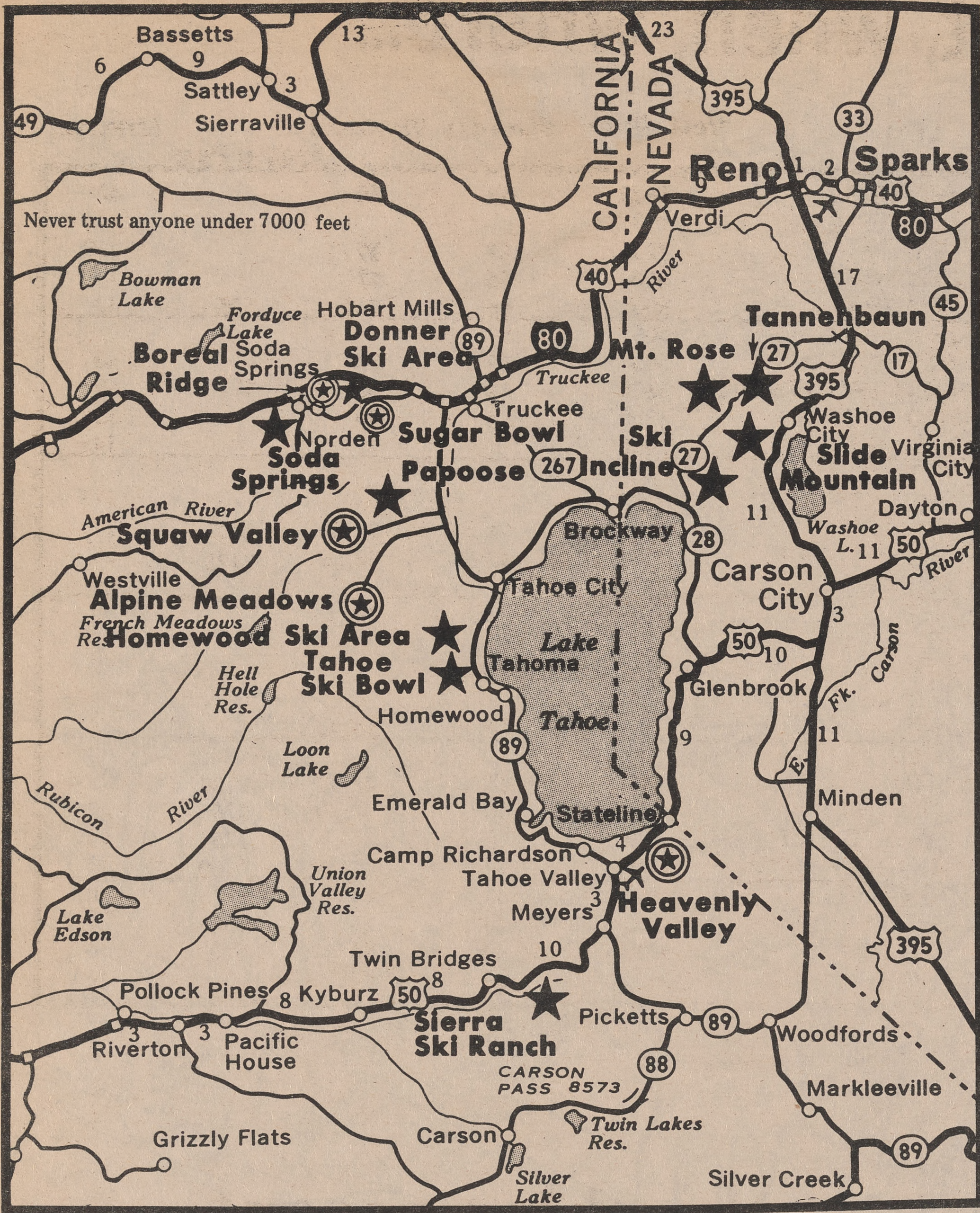
Wolfpack coach Mark Magney described the Alpine team as "the best ever." The skiers enter the meet with five first place titles and a fifth overall against the powerful Rocky Mountain schools in the Utah Invitational. Alpine skiers praised by Magney were Doug Hellman, Mitch Packard, Dan McFarland and Kevin Gadda. Hellman was rated "one of

the best in the country" by his coach and received the Athlete of the Month award from the Sierra Sportswriters last month following his 2nd place finish at Utah.

Magney noted, "The Nordic team is hurting due to illness and injury," but indicated, "we'll do alright." Competitors include team captain Clinton Monfalcone, cross-country and jumping; Rich Trachok, cross-country and Mark Shonnard trying for the Skimeister Award in all four events.

The intercollegiate races begin Saturday at 9:30 a.m. with the giant slalom at Mt. Rose. The jumping will follow at 1:30 p.m. at Gallena Creek. Sunday features the slalom at 9:30 a.m. and the cross-country at 2:00 p.m., both at Mt. Rose.

Carnival entrants this year include: Stanford, Berkley, Davis, Sierra College, College of the Siskiyous, Menlo College, Columbia (Community College), Southern Oregon, Oregon State and possibly University of Oregon.



CHILL FACTOR CHART

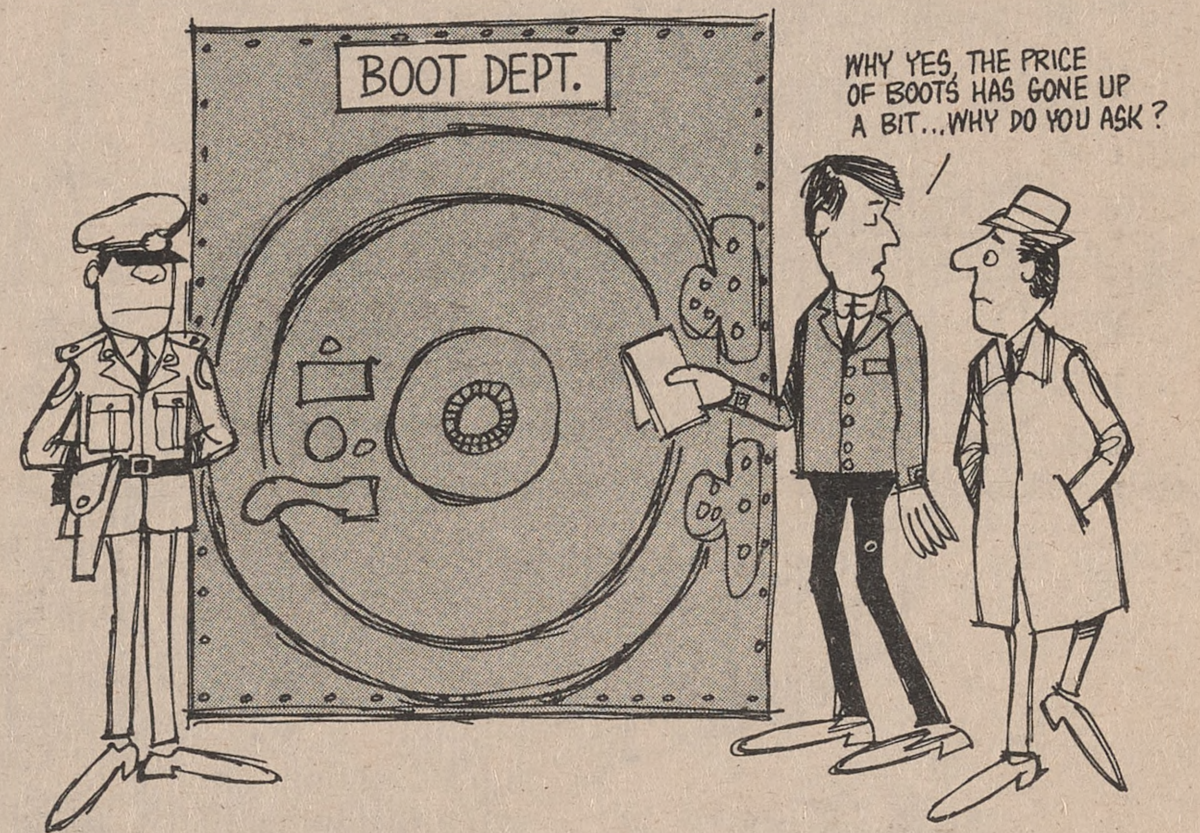
Wind Speed	LOCAL TEMPERATURE (°F)						
	32	23	14	5	-4	-13	-22
	EQUIVALENT TEMPERATURE (°F)						
CALM	32	23	14	5	-4	-13	-22
5	29	20	10	1	-9	-18	-28
10	18	7	-4	-15	-26	-37	-48
15	13	-1	-13	-25	-37	-49	-61
20	7	-6	-19	-32	-44	-57	-70
25	3	-10	-24	-37	-50	-64	-77
30	1	-13	-27	-41	-54	-68	-82
35	-1	-15	-29	-43	-57	-71	-85

LITTLE DANGER FOR PROPERLY CLOTHED PERSONS

DANGER OF FREEZING OF EXPOSED FLESH

ELEMENTARY WAXING

Air Temperature	Moisture Content and Texture	The right wax: the colder the snow, the harder the wax; the softer the snow, the softer the wax.
37°F and above	Very slushy	
32°F	Corn	
18°F	Moist	
	Dry	
-10°F	Very Dry	
	Extremely Dry	



Two classifications for racing: Nordic, Alpine

There are two basic classifications of ski racing: Nordic and Alpine:

Nordic skiing, while not extremely popular in the United States, is one of the most prestigious sports in the Scandinavian countries. The two major events in Nordic skiing are cross-country (X-C) and jumping. There is also an Olympic event known as biathlon which combines X-C and rifle marksmanship.

X-C is an endurance event testing the skier's ability to travel across snow; uphill, downhill and on the flat; faster than his competitor. Races are long—the shortest being 10 kilometers (km)—and test not only the skiers technique but also his endurance.

Skis and boots are extremely light and made for speed on flat ground. Boots are attached only at the toe to allow the skier to get a powerful forward kick with the majority of the ski remaining on the ground.

The other Nordic event and one of the most spectacular in racing is the jump. Jumps range from 30 meters to the terrifying 'ski flying hills' approaching 200m. Competitors at Sapporo this year will be jumping on 70 and 90m hills. Jumpers are judged on distance, (take-off) form in the air and landing. UNR jumpers will be competing on a 50m hill and the winner will probably be leaping around 145 ft.

Alpine is the real glamor side of ski racing. The three events are slalom, giant slalom and downhill. The popularity of the sport is reflected by the number of alpine skiers at resorts every weekend. The three events are somewhat similar. Downhill is performed on long steep courses in excess of 1500 ft. of vertical drop. Racers ski between 50 and 70 mph and must remain calm and in



control while airborne a good part of the time. Skiers are required to wear crash helmets because of the danger involved in a fall. Look for the use of "tuck" to reduce wind resistance and for smoothness over bumps.

Slalom racing tests the skier's ability to control his turns on a short,

but demanding course. Passing through "gates," the skier must react extremely quick and be able to maintain balance on steep, icy slopes. Slalom racers must be able to memorize courses beforehand, since only one run on two different courses is allowed. Look for the skier to be

ahead of the gates and for smoothness. Racers run between 20 and 30 mph in slalom.

Giant slalom incorporates the skills of both downhill and slalom. Courses resemble a slalom which has been spread over a greater distance. Speeds range from 30 to 50 mph.

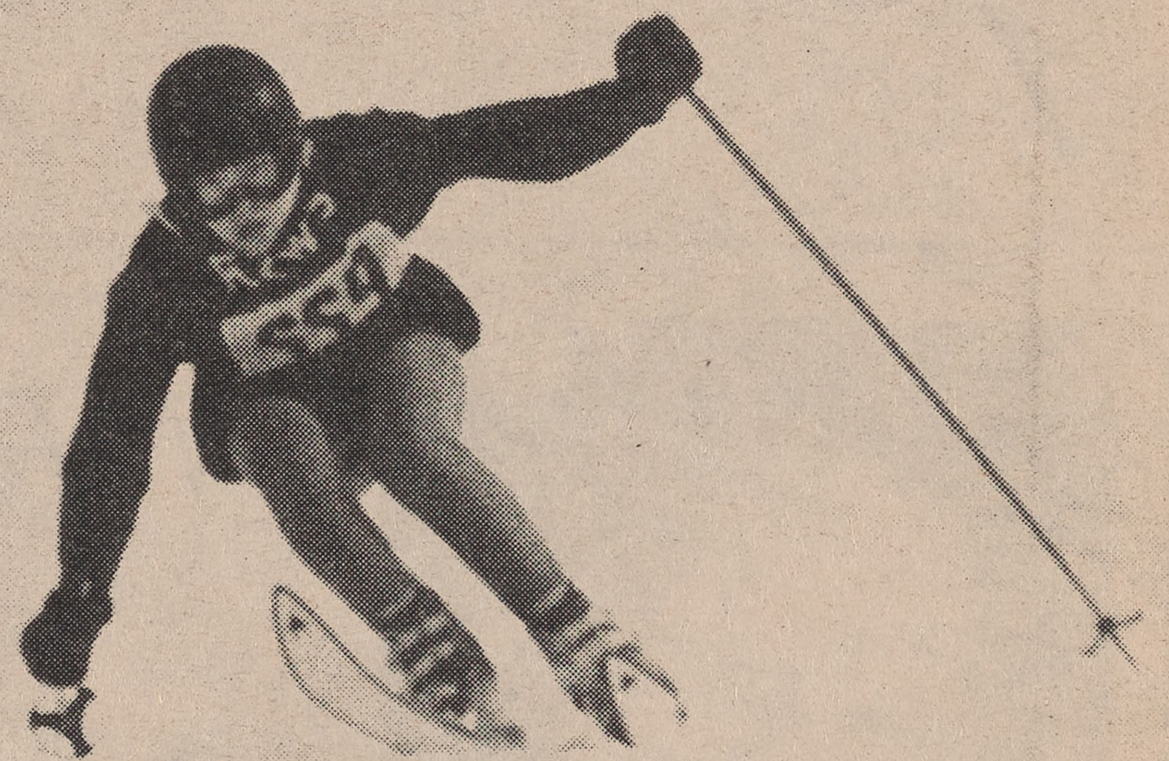
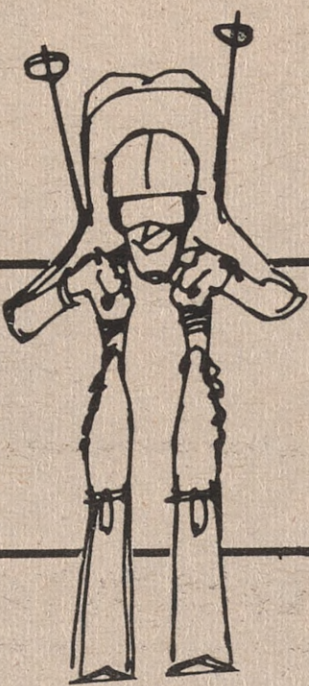


photo by buddy frank

Who, what, when, where...

Area	Phone	Lifts	Vert. Drop	Weekday	Weekend	Season Pass		Mileage
Alpine	583-4232	6CH 4PO 2TB	1600	\$8	\$8			47
Badger Pass	372-4671	1CH 4TB	900					
Bear Valley	753-2301	5CH 1RT	2200	\$9	\$9			250
Boreal Ridge	426-3666	4CH 3TB 3RT	600	\$5	\$7			43
Donner Ski Area	426-3578	1CH 2PO 2RT	800	\$6	\$11	\$85		43
Echo Summit	659-7177	1PO 3RT	400					
Granlibakken	583-3005	1PO 4RT	500	\$3	\$3			48
Heavenly Valley	541-1330	1TR 12CH 2PO 1TB 1RT	3600	\$8	\$8	\$225		59
Homewood	525-7256	2CH 3PO 1RT	1300	\$6	\$6			52
June Mt.	648-7545	4CH 1TB 1RT	2400					148
Lassen	595-2751	1PO 3RT	700					
Mammoth Mt.	934-2571	1GO 10CH 2TB 1PO	2800					175
Mt. Rose	849-0704	2CH 1TB 1PO	1500	\$6	\$7.50	\$90		21
Mt. Rose-Slide Mt.	849-0704-0852	4CH 1TB 2PO 1RT	1500	\$7.50	\$8.50	\$125		20
Mt. Shasta	926-2663	1CH 1TB 2RT	1500					
Papoose	583-4826	2PO 2RT	300	\$4	\$4			44
Peddler Hill	295-9897	1TB 2RT	700					
Pla-Vada	426-3491	1PO 1TB 2RT	400					52
Plumas-Eureka	836-2317	1PO 3RT	600					
Powder Bowl	583-4373	2PO 2RT	1000	\$6.50	\$6.50			44
Sierra Ski Ranch	659-7161	2CH 2PO	900					
Ski Incline	831-1821	5CH 1TB	1300	\$6	\$7.50	\$130		33
Slide Mt.	849-0852	3CH 1PO 1RT	1400	\$6	\$7.50	\$75		20
Soda Springs	426-3311	1CH 2JB 1TB 2RT	600	\$5	\$6	\$75		48
Squaw Valley	583-4211	1TR 1GO 17CH 6PO	2700	\$9	\$9	\$250		44
Sugar Bowl	426-3651	1GO 7CH 1TB 1RT	1500	\$8	\$8	\$175		50
Tahoe-Donner	587-3596	2CH 1RT	500	\$6	\$6	\$85		35
Tahoe Ski Bowl	525-7479	1CH 1TB 2RT	800	\$4	\$6	\$75		56
Tannerbaum	849-9925	1TB 1PO 1RT	400	\$4	\$4			16



KEY: CH — Chairlift TB — Tow bar PO — Pomo lift JB — J-bar
 RT — Rope tow TR — Aeria tram GO — Gondola

“Fitzroy,” the third ascent



Dick Dorworth, coach of the 1970 U. S. ski team and former UNR student will show the award winning film “Fitzroy” at 7:30 p.m. Friday in the Travis Lounge.

“Fitzroy” is a climbing film on the third ascent of Fitzroy, a mountain near the southern tip of Argentina.

Dorworth, one of the five climbers in the film will show this film and make a slide presentation.

Dorworth attended UNR from 1956 to 1963. He competed in two winter carnivals, winning the Skimeister Award in 1958. In 1962, Corworth was a member of the All American Ski Team and in 1963 he set a world's record for speed on skis, which stood for one year. He coached the United States Ski Team in 1970.





Photo by Buddy Frank

Warm... (story begins on page 4)

If you are going to be doing intermittent heavy work with periods of resting, the same insulation will not serve both. Nor can you use an average thickness for both because this would immediately mean you would be too warm for the activity and hence sweat, and this would make you much too cold for the periods of resting because your clothing would be damp.

The only answer to differing rates of activity is adjustable insulation. There are two ways to adjust: one is to peel layers off during activity and put them back on during rest. This is not only time consuming but in many situations it is impractical, such as riding a cold windy chairlift, then strenuously skiing down in the hot sun, or hiking with a heavy pack and resting in an exposed location. With properly designed clothing and the use of ventilating net underwear it is possible to leave your maximum insulation on at all times and ventilate the excess heat out from inside it.

It has been pointed out that different parts of the body react differently to the stress of cold and so it is with their cooling ability. When you are wearing too much insulation and you want to reduce it by ventilation it is only sensible to start with the most efficient heat radiators you have. Your head tops the list. Uncover it first. Then open your neck and shirt front. This lets most of the heat out from around your torso. A zipper that opens from both top and bottom is a great aid here. The wrists and hands are next in importance. Not only do the veins run close to the surface on the under side of the wrists, thus making them excellent radiators in themselves, but by allowing air to enter at the wrists and move up the arms it cools one of the greatest sweat producing areas of the body, the axilla.

The last source of ventilation is the cuffs at your pants. In deep snow this becomes impractical and in an effort to increase heat loss below the belt, which generally isolates the legs

from any ventilation system for the torso, one usually leaves them very lightly insulated. For most conditions this will work although it contributes to cold feet by causing too great a drop in temperature as the blood travels along the exposed pipe line from torso to feet.

It would be much better to insulate the legs and do as many mountain climbers do: Arrange ventilating zippers on the sides that open from the waist down so large areas above the snow depth can be opened when needed. When this system is used it is often found that ventilating the legs is the most convenient method of cooling the entire body, better even than leaving head and neck exposed.

It should be realized that efficient ventilation in this manner requires not only that ventilating net underwear be worn but also that the other layers of clothing are loose so the natural bellows action of the clothing in movement, can pump lots of air freely through the layers. One very important side advantage of this method of clothing is that it automatically gets rid of the half pint of insensible perspiration produced every 8 hours.

Outer Shell Protection

Once you have donned sufficient thickness of insulation to prevent excessive heat loss there is only one more requirement. The insulation must be protected from wind and rain penetration from outside. It is not practical to try to combine both wind protection and rain protection to the same garment although attempts to do so are continually being made and hopefully will bring eventual success.

The objections to doing both with a single material are that if it breathes enough to prevent condensation of body moisture inside, it will probably leak in a prolonged rain. If it is plastic coated so no water can pass through, it can condense so heavily on the inside that you will be convinced the rain is coming right through the coating.

A water repellent, very tightly woven 5 oz. cotton fabric can be an excellent compromise. I personally prefer to spend the same weight by carrying a wind parka of 2½ oz. nylon fabric, and a separate plastic coated nylon poncho also of 2½ oz. fabric. The parka gives the proper closure and ventilating possibilities in dry cold and the poncho provides much more ventilation so it doesn't condense as badly in a cold rain. This outer shell protection completes your clothing assembly.

Hand Protection

Let us close with a few specific words about hand and feet, often our greatest problem areas. Any engineer is familiar with the paradoxical effect of curvature when adding insulation to pipes of very small diameter. The first layers of insulation actually increase the heat loss, because the radiating surface increases faster than the insulation. This same phenomenon unfortunately is true of fingers, and until you reach ¼" of thickness you are doing more harm than good if the gloves fit tightly. Ordinary gloves, even foam insulated ski gloves, are not very efficient insulation. Most are made with straight cut fingers, which, when curved around a ski pole, stretch tightly over the knuckles and just where you need thickness you have thin spots.

By considering the fingers together as a unit you eliminate the small diameter effect, and insulate their warmth collectively. This makes mittens much more effective than gloves. Naturally one likes the dexterity of gloves, and they will suffice most of the time, especially if the other methods of keeping yourself warm are put to good use. However, a pair of mittens in the pocket for emergencies can prolong the comfort span.

Foot Protection

Your feet are usually under the pressure of your body weight, they are good sweat producers, they are farthest from your body heat source, and if there is any moisture around, they are usually standing in it. Is it any wonder that they are often cold?

Good heavy wool socks that resist compression, inside good leather boots that reduce condensation to a minimum, and the addition of plastic mesh insoles that allow ventilation under the soles of the feet are the best combination for most purposes. Felt insoles will actually give more insulation than mesh insoles but a dry pair must be carried because once loaded with moisture they become excellent conductors of heat. A dry pair of socks carried next to your body, is an excellent emergency provision and pleasure to put on at night if you are on an overnight trip. Your leather boots should be kept waterproof with a wax type compound like Sno-Seal. Greases and oils soak into the leather and reduce its natural insulating properties.

One other excellent method of keeping your feet warm is available but its usefulness is somewhat limited. It is called the double vapor barrier and is ideal for duck hunters, ice fishermen, vehicle drivers, and others who don't walk great distances. This consists simply of encasing the insulation between two vapor barriers so it stays dry and fluffy, protected from outside moisture on the one hand and condensation of body moisture on the other. Commercially these boots are variously known as "Korean Boots" or "Thermo Boots," etc. To be effective, both outer and inner boot must be of rubber coated material or the insulation must be of closed cell foam. The insulation must be at least ¼" thick. You can achieve the same results with two thin plastic bags and ordinary wool socks and leather boots. One plastic bag goes on next your skin, then your socks (at least 2 pair of heavy wool) and a felt insole, then the other plastic bag and finally your boot. Some people don't like the feel of the accumulated moisture inside the inner vapor barrier, but this is the proof of the amount of moisture that would otherwise have gone into your socks to rob them of their insulating value.

With today's knowledge of materials and physiology there is no reason not to enjoy the outdoors in winter as well as summer, nor is there any reason to be miserably cold watching a football game. Increase your enjoyment by observing these few simple rules:

1. Remember—thickness is warmth.
2. Keep your torso warm—it will heat your toes and fingers.
3. Avoid sweating—ventilate first.
4. Keep out the wind and rain—use a suitable outer shell.
5. Use your head—cover it when cold, uncover it to avoid sweating.
6. Increase your metabolism—Indian wrestle with yourself.