



# DEPARTMENT NEWS & VIEWS

## FISHERIES & WILDLIFE

January 1990

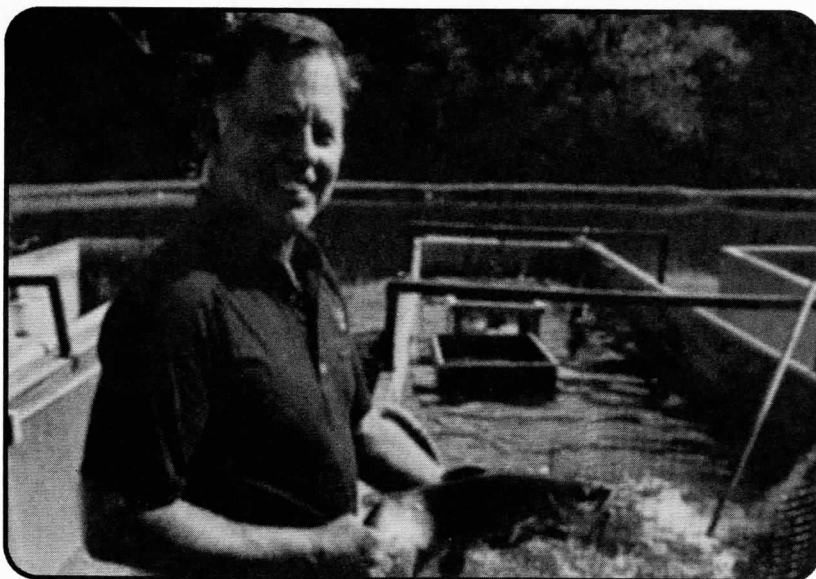
### SALES TALE OF A MASTER FISH MARKETER

By catering to the special needs of customers all over the world, Jim Kahrs ('51) and his family have created several unique and profitable niches for themselves in the fish business.

The Kahrses have developed 225 acres on their 375-acre farm near Osage Beach, Mo. Over the years, word-of-mouth has helped the Kahrs family develop specialty fish markets. And the fact that they can provide a certain fish species anytime during the year for a customer has really helped them cement business relationships.

**"We supply many of the fish chemical companies use in their toxicity studies."**

"It takes a special effort to meet specific requirements of certain customers like chemical companies," says Jim Kahrs, who has been in the business 36 years. "But we like the challenge. If a company asks for a bunch of 1/2-gram bluegills for research purposes, we can supply them. Since most fish farmers aren't equipped to do this, a high-paying specialty service has evolved for us over the years."



**Jim Kahrs stocks several thousand brood catfish and sells off-spring all over the U.S. and abroad.**

In their diversified fish businesses, about 30 percent of the family's total dollar volume comes from the sale of food fish. They sell about 5 percent of their fish to chemical companies here and abroad for research purposes. Supplying seedstock to commercial fish producers accounts for 50 percent of their business. Fish sales to the aquarium trade and game-fish sales to the private sector provide the remaining 15 percent of their income.

Twice each week, the Kahrs family loads up live fish and drives them to the St. Louis airport for domestic and international air shipment.

"We supply many of the fish chemical companies use in their toxicity studies," Kahrs adds. "The EPA wants to be sure chemical products are environmentally safe and won't kill fish in waterways. So, to meet EPA requirements for labeling, companies buy specific sizes of certain fish species when they test new formulations of agricultural chemicals or human pharmaceuticals."

*(continued page 3)*

# MESSAGE FROM THE CHAIRMAN

## With Hope and Optimism for a New Decade

The 1980's went out in a fantastic manner. It has been a most historic decade. There was the USSR as "the evil empire" of 1981, and the Teddy Bear at Malta in 1989, that was releasing its grip on Eastern Europe. The change certainly inspires all of us to look forward toward the next decade with hope, no matter what our problems and difficulties. The end of the cold war also offers us real possibilities for redirecting our energy to problems of overpopulation and rehabilitation of our renewable resources.

Focusing our attention and redirecting our resources toward resolving our natural resources problems will require the best efforts of our entire global community. The rapidly growing human population is stripping the planet's resources to satisfy our desires, as well as our needs. Renewable resource destruction is occurring at the same time that much of the world sees images from satellites of our planet. The rapid transaction on the stock markets have shown the linkages of our economies, and the public is slowly beginning to understand the world as a global village. The media is also focusing in on critical problems of the earth, even if at times too much attention is given to two grey whales trapped in the arctic ice. Stories of starvation in Africa are going beyond immediate health care, and focusing on the destruction of habitat by people and live-

stock, which are the origin of the problem. The time is ripe for change.

The battles are not waged only on a global scale by a concerned public; there is a need to respond locally. In Oregon, battles over habitat have sharpened over the last decade. The plight of the northern spotted owl, the need for rehabilitating and retaining riparian habitats, and the increased resistance to the use of pesticides are regional problems with implications for the entire nation. Fortunately, Oregon still has enough renewable resources to be a battleground in this global conflict, and the Fisheries and Wildlife Department and the Alumni of the Department are key players in this battle.

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**"The rapidly growing human population is stripping the planet's resources to satisfy our desires."**

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But all conflicts need resolution, and there are many hopeful signs that the public will regard the fish and wildlife scientists and managers with more credibility than they have in the past. The 1969 charge that fish and wildlife scientists were overprotective when they objected to the transport of oil by tankers from the Alaskan pipeline was shown to be false with the oil spill created by the crash of Exxon-Valdez. As a result, the people

of Oregon and Northern California are objecting to leasing offshore oil and mineral rights.

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**"The time is ripe for change."**

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Rehabilitation and restoration of stocks of Columbia River salmon and steelhead are proving to be so difficult and costly, that long-neglected tributary streams are receiving more attention. A marine debris program started by the Oregon Department of Fish and Wildlife was expanded by Sea Grant and the Port of Newport to focus on non-biodegradable refuse in Newport, Oregon. The cleanup of nets and plastic has become contagious and other ports and coastal communities are getting involved. Clearly more can be done, but the efforts require people and agencies with different interests coming together to resolve the problems.

Programs to enhance our renewable natural resources and protect our soil and water can have other implications. The program of placing excess cropland on erodible soils in a Conservation Reserve Program(CRP) that benefits wildlife, has been one factor causing the decline of rural communities. Cropland returned to vegetative cover does not require fertilizers, farm machinery, or for that matter, much attention by landowners.

*(continued)*

## Message From the Chairman *(continued)*

Farmers in the CRP program may move away from the land, and certainly they don't purchase farm machinery. As a result small communities become even smaller, and the gas station/grocery store on the long lonely stretches of Eastern Oregon is disappearing. Resolutions to these kind of problems require planning by sociologists, and economists working with wildlife scientists and managers. Modernization of the timber industry, expansion of marine fishery fleets, and reallocation of water resources are other problems that require multidisciplinary teams to resolve or plan around.

The need for multidisciplinary approaches to resolving natural resource problems is also having

effects on our education of fish and wildlife students. The College of Agricultural Sciences is moving toward combining natural resource programs into a curriculum core called Environmental Sciences. The Departments and majors in fisheries and wildlife will not be combined, but students will take common courses that include aspects of range, economics, forestry, and fisheries and wildlife. The courses would be taught by several departments rather than one. Not all courses would be core courses, but the emphasis will be on interdisciplinary experiences. The core curriculum will require increased communication between departments and show students ways that complex natural resource issues can be resolved

through conflict resolution and discussion. More needs to be done. An expanded M.S. program that focuses more on management than biology is in the discussion stage. This graduate program will combine efforts in forestry, oceanography, range, economics, fisheries, wildlife, and some aspects of geography. We need your advice and support as we move forward on these changes to meet the challenges of the next century. Certainly, sustaining the natural resource base that supports all of us will require our best efforts.

It is in a spirit of hope and optimism, at this time of change, that I wish all of you best wishes for the New Year.

DICK TUBB

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## Master Fish Marketer

*(continued from page 1)*

According to John Kahrs, one of three sons in the business, the family also ships a number of 12-inch-long catfish to Monell Laboratories six times a year for cancer research. In addition, he says scientists at Johns Hopkins University use fish eyes when they conduct certain eye studies.

"We're also showing several large power companies in Europe how to grow channel catfish in effluent," Jim Kahrs reports. "Catfish need 80-degree water for optimum growth. It takes lots of water to cool electric power generators, and generators produce large amounts of heated water. This resource had been going to waste until these plants started using it eight years ago to grow out catfish and other

species. We ship each of these companies 30,000 to 50,000 fingerlings every year now."

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**"We're also showing several large power companies in Europe how to grow channel catfish in effluent."**

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According to Kahrs, interest in hybrid striped bass is growing rapidly. "I sold a bunch of them to the Israeli government," he notes. "They're putting them in waterways to control pests coming in from the Sea of Galilee. Sardine-like critters clog up their screens and get into the water supply. But hybrid bass are voracious eaters, and they take care of them. I'm always looking for unusual markets like this."

China is another unconventional market the Kahrs family has cracked. They recently sent 30,000 paddlefish fry to the Hubei Province because the Chinese want to develop a local caviar market.

"We try to cater to customers by anticipating their needs or changes in the industry," Jim Kahrs says. "It doesn't bother us to alter our direction to satisfy the needs of a customer in order to stay ahead of our competition. I try to come up with new marketing or production ideas for our fish operation almost every day. Like I always say, if you follow that mule down the same old road without ever looking sideways, you're likely to get run over."

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## YOUNG SCHOLARS RESEARCH PROGRAM AT HANCOCK FIELD STATION

Temperature gradients in open and shaded sites, diel trout behavior at cold versus warm sites, and the colonization of the South Fork John Day River following the 1988 drought—these all sound like perfectly legitimate research projects for a willing graduate assistant. Twenty outstanding middle and high school students conducted these, and other research projects, during the six weeks they participated in the Oregon Museum of Science and Industry (OMSI) Young Scholars program. This past summer, the Hancock Field Station in Fossil, Oregon served as an outdoor laboratory creating the environment to successfully study paleontology and fisheries aquatic ecology.

The 20 students were separated into two teams, consisting of ten members each. The fisheries team was lead by Dr. Hiram Li of OSU and the USFWS, and the instructors were Dr. Judy Li (Ph.D '89) and Ron Gaither. The fisheries team conducted their work on the John Day River and many of its tributaries. The goals of the students were to collect and identify aquatic insects,

conduct streamside vegetation studies, and use diving masks and snorkels to conduct an underwater fish census.

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### **"The Young Scholars Program is a research participation program aimed at high achieving or high potential youth."**

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The paleontology team was lead by Dr. Steve Manchester of Indiana University and instructed by Raymond Montoya. The team members made very important fossil finds, including several species of plants, fish, and insects. Their efforts resulted in a collection of materials that will contribute to the understanding of what life in this area was like during the Eocene period.

The Young Scholars Program is a research participation program aimed at high achieving or high potential youth. The program is geared to motivate inspiring youth to pursue careers in

science, showing them methods and terminology relating to field research, and at the same time, giving them a better understanding of what it is like to be a field researcher. The 20 participants were selected from a very competitive field of more than 90 applicants. The selection was based upon grades, recommendations, and a written essay. The students ranged from athletes to Oregon State Youth Fish and Wildlife members to National Honor Society students.

During the six-week session, OMSI's Young Scholars completed an independent project of their own. After completing the research and documenting the results, the Young Scholars will present their research and field experience to their schools and communities, and at education meetings. The OMSI staff will continue with follow-up programs to encourage the Young Scholars to continue their research.

For more information concerning this program, contact Dr. Jeffery Gottfried, Director Outreach Programs, OMSI, Portland, Oregon.

**Phadrea D. Ponds,  
Graduate Student**

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# FROM THE MAILBAG

BY LEE KUHN,  
Professor Emeritis

We have been "underwhelmed" by your response (lack of ?) to our questionnaire in the July News/Views re: A 1990 Reunion. About 35 returns out of over 2000 mailings can hardly be called a groundswell of support for a repeat of the great 1985 reunion....though TV commentators predict Presidential Elections on less. Perhaps you don't want one? Maybe you don't care one way or another? Or, did you just put the blank form aside with the thought that I'll do it later? Whatever the reason...unless the response is considerably greater...No 55th Reunion.

Lots of favorable comments on Lenora Bond's article "Thirty-six Years at Hard Labor." I did think her remark, "sharing an office with Lee Kuhn's pipe, muskox skeleton, and rotten deer legs was close contact" was a bit harsh. However, many years later with the above mentioned items long gone and me resting on my emeritus laurels we are still good friends—so maybe she didn't really mean it.

Phil Lehenbauer ('57) sending congratulations to H. Horton says, "... good to see Howard joining the 'good life' ranks. I enjoy mine but don't need any more week day competition in harvesting those greenheads. Don't worry Phil, Jay's in Arizona, I've quit duck hunting, and Horton can't hit'em.

Judie Neilson, Executive Assistant at ODFW for 12 years and the sparkplug for Oregon's highly successful annual beach cleanup is leaving the Beaver State to become a 'Hoosier.' On November 10 Judie married Ed Hansen, ex-Oregonian and now the Director of the Indiana Division of Fish & Wildlife. Ed received his MS in '55 from OSU after chasing pronghorn antelope around Drakes Flat for two years.

Congratulations to Jim Martin ('69 MS '78) new Assistant Director of Fisheries for ODFW. Jim replaces Harry Wagner (MS '59 PhD '71) who retired to work with the Northwest Power Planning Council.

Joe Mazzoni ('59) is back in the 'lower-48' after a 5-year stint in Alaska. Joe moved to the FWS SW Regional Office in Albuquerque NM as Assistant Regional Director, Refuges and Wildlife, with responsibilities for the refuge, migratory birds and realty programs of the region. Joe says "...our Alaskan experience will be something we'll always treasure but Albuquerque has turned out to be a delightful place to live. The weather is beautiful and the people warm and friendly. I hope that old OSU friends passing through this way will stop by or give me a call." And when you do you might also give Russ Earnest ('62) a jingle... Russ is Deputy Regional Director of the SW Region.

A September 13 letter from Frank Stanton (MS '41) brought back pleasant memories. Frank reports, "...it was 50 years ago today that I arrived in Corvallis in my old '31 Chevy coupe loaded with all my possessions. I had just graduated from the University of Montana in Missoula and worked that summer for the Park Service in Yellowstone. Art Einarsen, (Leader, Oregon Coop. Wildlife Research Unit) was the one responsible for keeping starvation away from my door for the next two years. I was assigned to the Soap Creek study area and one of the first things I bought was a 'tin suit.' The years passed quickly but they have been good ones." A year later in August, 1940 I too joined the Unit, after hauling my worldly goods from Iowa in my '29 model-A Ford. At that time the entire Unit consisted of Arthur S. Einarsen, Leader and six graduate students: Bill Lahnum, Frank Stanton, Ed Chatelain, Lee Kuhn, Don Vogtman and Cec Gubser (see photo page 10).

A fine letter from A. Steve Gallizioli ('50) now retired after 33 years with the Arizona Game & Fish Department. Steve reports, "...enjoyed most of that span except perhaps the last four as Chief of the Wildlife Management Division. Until then I managed to find excuses to be in the field periodically. The paper shuffling and meetings required of my last job made it impossible to get away from my desk...one reason I hung it up early and

# MAILBAG (continued)

retired at 59." Like most retirees Steve is trying to catch up on hunting and fishing but can't seem to find enough time. He is now much involved in the Arizona Wildlife Federation and is also building a summer home on Mogollon Rim. Steve says "...I've managed a bit of traveling including six- week trip to East and South Africa a couple years ago...by far the most exciting thing I've done and it was terrific. Planning a tour of Australia and New Zealand next year and hope to catch a few of those humongous New Zealand trout I've been hearing and reading about for years."



A great letter from Jim Kahrs ('51) who says "...I've been raising fish at the Lake of the Ozarks for 36 years. Now have three sons involved in the business so I have more time to be involved in foreign projects from China to Europe." Jim also sent a Nov. '51 issue of the Oregon Stater showing a picture of a very young Carl Bond who had just taken on the job of eradicating Brazilian waterweed from Oregon's coastal lakes where it had become a serious problem. Wonder how that turned out?



D. Cal McCluskey (BS '73, MS '76) reports in from Washington, DC where he has joined the BLM to work with the endangered species program. Cal says "...no doubt that with all the news in the northwest on the spotted owl you can imagine some of the things that are keeping me busy,

not to mention desert tortoise, and 49 other listed species of threatened and endangered critters and plants on the public lands." The good news: BLM may be hiring 250 plus biologists and botanists over the next 2-3 years and the Forest Service is already actively recruiting. Cal says "...individuals that stand the best chances of landing a job need to be technically knowledgeable in wildlife, fisheries, range, forestry and other allied subjects, but also must be good communicators." When was it ever different? "Communication skills are often the difference between successfully ensuring that wildlife needs are taken care of and standing along the sidelines wondering why all the data and technical information you provided to the decision-makers was ignored."



Wayne Bohl ( BS '51, MS '55) dropped by for a brief visit and to collect some addresses of old friends and classmates. Wayne now lives on Lummi Island, WA.



Not all Fisheries and Wildlife Grads end up doing what they thought they were being trained to do. Glenn DeMott (MS '83) is now a pharmaceutical sales representative for the Upjohn Company in Parkersburg, West Virginia. Last Year Glenn had the #1 market share increase for his 4-state sales area in their top four drugs. This year Glenn reports "...I am in the top 10 in the U.S. (over 122 Reps.) in gross sales of our new arthritic drug...I miss Oregon...but I still fish and

hunt. Spent some time fishing on Lake Ontario off New York. We caught chinooks all day up to 33 pounds. I seem to be quite successful in pharmaceutical sales but hope to spend more time in the woods." According to Glenn anyone with an extensive biology background who might like a career in sales should check the opportunities in that field. "Competition is intense but salaries and benefits are very high and there is plenty of freedom."



Mick Jennings ('65) checks in from Roseburg where he is currently Acting Assistant Regional Supervisor for the SW Region, ODFW. After 22 years on the Rogue River in the Grants Pass-Medford area as Assistant and District Fish Biologist, Mick moved to Roseburg as District Fish Biologist and is now Acting Assistant Supervisor.



Gerard Leduc (Ph.D. '66) after 24 years of teaching and research in Aquatic Ecology, Fisheries and Ecotoxicology at Concordia University in Montreal will be taking early retirement next June. Actually starting a new career in Archaeology after several years of self training and a study leave at the University of Maine. He plans to take a graduate degree in his new field and continue research on pre-colonial European and/or North Africa settlements in Quebec.



Jack E. Williams (Ph.D '81) recently assumed new duties as Fisheries Program Manager for the BLM in Washington, D.C. He was formerly with the USFW at University of California at Davis.

# MAILBAG (continued)



Jack Helle (Ph.D. '80) is a Fishery Research Biologist at the Auke Bay Biological Lab of the NMFS, Auke Bay, Alaska where he has been involved in coastwide salmon studies since 1982. After getting experience with the U.S. Forest Service and the Bureau of Commercial Fisheries from 1953 to 1960, Jack joined the Bureau of Commercial Fisheries in the Auke Bay Lab to learn what factors limit the abundance of pink and chum salmon that spawn in stream intertidal zones. From 1965 to 1972 his work emphasized evaluation of the effects of the Alaska Earthquake on the production of pink and chum salmon, and from 1972 to 1981 he worked on the environmental and hereditary relationships that influence marine growth, survival, and age at maturity of chum salmon. Jack has been an Affiliate Associate Professor in the School of Fisheries and Science at the University of Alaska since 1983.



Why do so many 'Wildlifers' get itchy feet and the urge to travel far and wide after retiring? Maybe Austin Hamer ('42) could tell us as he writes "...we are completing 11 full years of happy retirement living here in Arkansas. We've travelled a lot with our motorhome, and have cruised to the Scandinavian countries, both eastern and western Caribbean, Alaska, New Zealand and Australia, Hawaii, and Portugal. Now we are looking forward to returning to the Pacific NW. We have selected a retirement complex at Issaquah, WA available for

occupancy by May, 1990. It will be good to get back closer to Oregon where many of our friends and relatives live."

Austin was a member of that first freshman class in 1935 and did complete his freshman year though didn't graduate until '42. Like many others of that period, he had to drop out, work and earn more \$\$, and finish later. Austin was with the OGC for 22 1/2 years then briefly with BLM, but at retirement in '78 was a Professor in the School of Continuing Education at the State University of N.Y., College of Environmental Science and Forestry at Syracuse.



Some of you may recall seeing a picture of an Arizona bighorn ram with the deformed horn that hung on my office wall. The young ram had broken a horn in falling or fighting, it had healed and continued to grow until the horn tip punched up through the skin of the lip and nose. Though undoubtedly a painful injury the ram survived until taken by a Yuma hunter during the legal hunting season. Al Guenther ('64) sent me the picture several years ago, but when I inquired he couldn't find any additional photos. Al did recall that the hunter, somewhat distressed at first sight of his ram had changed his mind by the time he checked in at the Yuma Regional Office and by then decided he had a great trophy. Al, who worked for the Arizona Game & Fish Department for 22 years, decided to take advantage of a 20-year law enforcement system and retire in April of this year.

He says "...I will probably go back to work within a year but at present I am keeping busy collecting bicycles and fixing them for the poor kids of Gila Bend. The local sheriff's office gave them out at Christmas as they knew who the poor families were better than I." A great idea Al!



Bernie Carter ('61, MS '63) may have thought he was immune to "spotted owl-itis" since he's working in the Ochoco NF near Prineville. He writes "...as their spotted owl issue comes to a head, conservation groups have started to shift their attention to eastside, non-spotted owl forests. Within the last two months, the Ochoco N. F. has received five appeals on timber sales (as compared to one within the last 5 years) and approximately 15 FOIA's on others. Interesting times are ahead for all of us."



Thanks to Tom McAllister ('50) for a delightful story on Harvey Fisher, Jr. ('50) who passed away in September of complications from a cerebral hemorrhage. Tom writes, "...Harvey was one of the greats from the GI class of 1950. He was a premier wing shooter and waterfowl enthusiast and the man who made Federal Cartridge as familiar a name as Winchester or Remington to the west coast shooters." Tom and Harvey remained close after sharing classes at Oregon State and "... the week before he died he was calling to get an advance on the bird seasons and to get my juices flowing.



Our favorite shared story was about the outstanding teacher,

*(continued page 9)*

# THE NEW KID ON THE BLOCK

*Meet your faculty—With this issue, we are initiating a new section in our News and Views to better acquaint you with our Departmental faculty. We'll start with the newest members and work our way down to the "old dogs". We are pleased to introduce Dr. Dan Edge, who describes himself as follows (editor):*

The newest member of the Fisheries and Wildlife faculty is W. Daniel Edge. Dan, who replaced Dave deCalesta as the Extension Wildlife Specialist, joined the Department in September. Dan's appointment is 60% extension and 40% research. Dan has a diverse background which should enable him to meet his job duties with something less than 150% of his time.

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**"You can be narrow-minded no matter how many universities you attend."**

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Dan started his wildlife training at Memphis State University, followed by a tour of duty at the University of Tennessee. Following a desire to practice his chosen profession "somewhere out West" Dan moved to the University of Montana in 1977, and they almost couldn't get rid of him. Dan claims to be educationally inbred, having received two bachelors (Forestry and Wildlife), a Masters (Wildlife), and a Ph.D. (Forestry) from UM, but notes that there are definite advantages to having tenure as a graduate student. "Besides," he says, "you can be narrow-minded no matter how many universities you attend."

Both Dan's Masters and Ph.D. research dealt with the effects of forest management practices on Rocky Mountain Elk in Montana. During his tenure at UM, Dan did contract work on Grizzly Bears for the U.S. Fish and Wildlife Service, and taught Animal Kingdom and Introductory Ecology for the Zoology Department.

After completing his dissertation, Dan and his wife, Sally (more about her later), moved to Pakistan to conduct a postdoctoral study. They studied wild goats (locally known as the Sind Ibex) and Afghan Urial (a wild sheep) in Kirthar National Park, just North of Karachi. The study was sponsored by the U.S. Fish and Wildlife Service through their Special Foreign Currency Program. The objectives of the study were to collect basic



**Dan Edge, newest member of the faculty, pauses from field work to sample a local brew in Nepal.**

ecological information useful for management of the two species and to train Pakistani personnel in wildlife principles and research techniques. "This was quite the learning experience," Dan says with a somewhat sarcastic grin, "we learned a lot about desert environments, Moslem culture, carpets, spicy food, working internationally, field-oriented training, and a little about the two species we studied, as well as other wildlife of the country." During their 14 months overseas they were able to work in trips to Nepal and China to survey wildlife habitats.

Returning to the U.S. in December, 1986, Dan conducted research for the U.S. Forest Service in Northwestern Montana, in and near Glacier National Park. "This was a rough assignment," Dan said, "requiring me to hike into Grizzly-infested areas to study the ecological distribution of a principal bear food. I didn't see any bears, but I sampled some plots in areas about as close to heaven as you can get without feeding the bears."

*(continued)*



## THE NEW KID ON THE BLOCK *(continued)*

After finishing the Forest Service project, Dan moved to Arcata, California to teach for a semester at Humboldt State University. At HSU he taught two courses for the Wildlife Department; Management of Mammals and a senior seminar on Predators and Predation.

The day Dan turned his grades in at HSU he jumped in a U-Haul for "an adventure in moving" (that's not what he called it) to Front Royal, Virginia, where he joined the Smithsonian Institu-

international projects in the future." After 14 months with the SI Dan had another "adventure in moving," this time to OSU. Dan says he can darn sure drive a truck if his career in wildlife doesn't work out.

Dan says he is still in the process of figuring out what the extension part of his job is all about. He spent most of his first two months travelling around the state meeting people and assessing needs. "Oregon is a remarkably diverse state from the

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**"Oregon is a remarkably diverse state from the standpoint of its wildlife resources and the interests and concerns wildlife generates."**

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tion (SI) at the National Zoological Park's Conservation and Research Center (CRC). The CRC is an endangered species breeding and research facility about 70 miles west of Washington, D.C. Dan was an instructor for the Wildlife Conservation and Management Training Program, teaching biologists from developing tropical countries wildlife principles and research techniques. The program conducts a 10-week course at the CRC each summer and the remainder of the year is spent hustling bucks and taking the show on the road. With the program Dan visited China, Malaysia, and Venezuela, and taught almost 100 biologists from over 25 countries. He claims to have learned much more from the program trainees than they ever learned from him. "Living in the D.C. area was not ideal for me," Dan says, "but being that close to the center of the universe allowed me to develop contacts that may be important for both national and

standpoint of its wildlife resources and the interests and concerns wildlife generates. I figure the Department of Fisheries and Wildlife thought that if I could function in foreign cultures, then I should be able to survive encounters with the various publics in the state." Although animal damage control problems account for over half of the questions that come Dan's way, he hopes to develop his program more towards issues dealing with habitat conservation and enhancement, or integrating wildlife management with use of other resources.

Outside of his extension efforts, Dan's interests include international resource conservation, integrating forestry and wildlife management, large mammal conservation, and modelling habitat relationships of wildlife.

Dan's wife, Sally, is a wildlife consultant specializing in

## MAILBAG

*(continued from page 7)*

Helen M. Gilkey, Professor Emeritus in the Botany Department, who taught us aquatic botany in the warm spring term when the windows were open and we both sat in the back of the room listening to the birds (evening grosbeaks) in the maples outside. Harvey was a champion whistler and duck caller and would do his repertoire of calls. Professor Gilkey was a wisp of a woman with white hair and a hearing aide. However, she was aware of the bird caller in the back that first day of class. She stopped in mid-lecture, walked directly to the big solid man just recently returned from the war and took hold of him by an ear lobe. She lifted Harvey from his seat by the earlobe and led him to the front of the class where she seated him for the duration of the course right beneath her lectern. How Harvey admired that woman! They were friends thereafter and he pulled an 'A' from her aquatic botany course."



Great to hear again from George Maltezos ('54) 47 Coulter Street, Old Saybrook, CT. George Says, "...missed the first reunion but your agenda looks good. Plan not to miss the next one." If we have one George...if we have one.

species of special interest and concern. Their mutual interests include hunting, gardening, skiing, canoeing, reading and photography. They are both really pleased to be back out West. Of Oregon, Dan says, "It's not Montana, but I can see it will really grow on you."

## The "Pioneer Unit" Students



The Pioneer Students of the Oregon Cooperative Wildlife Research Unit in 1942 were, Left to right, Lee Kuhn, Don Vogtman, Bill Lahnum, Ed Chatelain, and Frank Stanton. Cec Gubser was also a Unit graduate student at the time.

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## JIM WARREN RECEIVES USFWS COMMENDATION

Congratulations are in order for Jim Warren ('57) who was selected as one of the US Fish and Wildlife Service's 20 most outstanding employees for 1989. Jim is a Fish Health Manager for the Pacific Region, and a career Federal employee for 30 years.

Warren works for Federal, State, tribal and private sector fish health specialists to improve the quality and survival of hatchery fish reared in more than 100 West Coast facilities. Before assuming his Portland, Oregon, position in 1983, Jim directed a similar fish health program in the Great Lakes for the USFWS for 14 years.

Warren was recognized for effectively coordinating the Service's containment and eradication efforts during the December 1988 outbreak

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**"VHS had never been documented before in North America."**

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of viral hemorrhagic septicemia (VHS) in Washington State. VHS had never been documented before in North America.

After graduating from OSU in 1955, Warren joined the USFWS in 1960

at the Little White Salmon National Fish Hatchery in Washington. Jim opened the agency's fish disease diagnostic laboratory in Hagerman, Idaho, in 1963. He served as Project Leader in Hagerman until 1968, when he undertook management training in Washington, D.C., before moving to his duties in the Great Lakes region. Warren has authored "Diseases of Hatchery Fish," a Fish and Wildlife Service textbook used in the training of hatchery personnel, and he has co-authored "A Guide to Integrated Fish Health Management in the Great Lakes Basin" (revised from USFWS-Region I News Release 89-73 by the Editor).

# NEWS AND VIEWS DONATIONS

Over the past three years, many of you have taken the time to "send us a buck or two" to help defray the costs of printing and mailing the **NEWS and VIEWS**. These helpful contributions are often accompanied by a short note that usually ends up in Lee Kuhn's "From the Mailbag" column. While the donations don't cover all of our expenses, they certainly help. And just as important, they let us know that you care and that you approve of our efforts to maintain your ties with your Department and alma mater.

So, thanks to the following individuals for your thoughtfulness and generosity. If we have unintentionally failed to acknowledge anyone's contribution, please forgive us.

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We enjoy hearing from alumni and Department friends. Send your autobiographical notes to Lee Kuhn and your opinions to the editor, and we will share them with "News & Views" readers.

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