Nominate colleagues for Distinguished Service Awards

A

NR and the Academic Assembly Council are seeking nominations for the Distinguished Service Awards (DSA). The awards are meant to recognize and reward outstanding accomplishments made by UCCE academics in the following five areas:

- Outstanding Research
- Outstanding Extension
- Outstanding New Academic
- Outstanding Team
- Outstanding Leaders

New for 2011, awards will also be given to outstanding support staff. The award is presented to the top applicant in each of the mentioned categories. The winner(s) will receive an award in the following amounts:

- Outstanding Research ($2,000)
- Outstanding Extension ($2,000)
- Outstanding New Academic ($2,000)
- Outstanding Team ($5,000 to be split among the nominated academic team members)
- Outstanding Leader ($2,000)
- Outstanding Support Staff ($2,000 in the form of a personal monetary award, subject to taxation)

Amounts for awards were determined by the Academic Assembly Council.

To nominate someone or to read more about the timeline and nomination process, please visit http://ucanr.org/sites/UCAAC. Nominations will be due by 5 p.m. Aug. 1. If you have questions, contact Jim Bethke at (760) 752-4715 or jabethke@ucdavis.edu.

SFS panel seeks input for conference & plan

B

road input is being sought for the Sustainable Food Systems Strategic Initiative (SFS SI) conference. A survey has been developed by the strategic initiative panel to facilitate conference planning.

The SFS SI conference will be held at the UC Davis campus on Oct. 11-12. While the conference will formally conclude at lunch on Oct. 12, accommodations are being provided for program teams/workgroups to meet during the afternoon/evening of Oct. 12 through lunch on Oct. 13. Please complete the SFS SI conference survey at https://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=6597.

The panel is also seeking input on the SFS SI plan, which was developed last year. The plan will be discussed at the SFS SI Conference in October. The SFS SI plan is available on the initiative’s website at http://ucanr.org/sites/SFS/files/51288.pdf and the SFS SI plan survey is at https://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=6596.

Your input is greatly valued and appreciated. Please take the time to complete both surveys by June 24. For more information, contact SFS SI leader Rose Hayden-Smith at rmhaydensmith@ucdavis.edu or (805) 645-1466.
Doug Parker has been selected to serve as the inaugural director of the California Water Resources Research Institute (CWRRI), effective Oct. 1. He will also serve as leader for the Water Quantity, Quality and Security strategic initiative.

“I think that Doug will be a tremendous addition to our ANR team,” said Barbara Allen-Diaz, AVP - Academic Programs and Strategic Initiatives. “He brings years of experience in water research and policy issues, and his familiarity with California will allow him to hit the ground running.”

The Bay Area native is currently director of the Mid-Atlantic Water Program, an associate professor of agricultural & resource economics and Cooperative Extension specialist at the University of Maryland. His research focuses on environmental economics, economics of non-point source water pollution control, and economics of regulation and water quality in the Chesapeake Bay.

As director of the Mid-Atlantic Water Program, Parker has worked with nine Land-Grant Institutions in the Mid-Atlantic region to bring resources to bear on local and regional water issues. The Mid-Atlantic Water Program created a unique structure with faculty leads from each of the nine participating institutions participating on a steering committee that directs the program. Local, state, regional and national government agencies recognize it as a resource for science-based information and outreach related to the Chesapeake Bay and other local water issues. Under Parker’s leadership, the program has brought together stakeholders to help shape policy and to find and implement solutions that improve water quality in the Chesapeake Bay.

“As a native Californian, I’ve always been interested in California water issues,” Parker said. “I’ve been working on water since the 1980s with my thesis at UC Santa Barbara on ‘Financial Operations of the Central Valley Project: The Case of the New Melones Project.’”

Before joining the University of Maryland in 1997, Parker served as an assistant Cooperative Extension specialist at UC Berkeley from 1993 to 1997. He earned bachelor’s degrees in economics and environmental studies at UC Santa Barbara and a Ph.D. in agricultural and resource economics at UC Berkeley.

CWRRI is a special program within ANR, enabled by the federal Water Resources Research Act, with the mission of supporting research and extension activities that contribute to the efficient management of California’s water resources. Parker will be based in Oakland and report to Allen-Diaz.

“Starting a new institute is a good challenge,” Parker said. “I did that in Maryland with the Mid-Atlantic Water Program and it’s exciting to do it on a bigger scale with the importance of water in California.”

As CWRRI director, Parker will coordinate water-related research, extension and education efforts across the 10 UC campuses and across the ANR system. In his new role, he will also bring together local, state and federal stakeholders to identify issues and sources of political and financial support for water-related research.

“I will organize and lead constituency-based advisory boards. To improve the understanding of water issues, Parker will serve as a key spokesperson on California water issues, working with federal, state, regional, nonprofit and campus stakeholders on advocacy and outreach programs.

“When I was an extension specialist at Berkeley, I worked with people at Riverside, Davis and in the counties on a variety of water-related projects,” Parker said. “I look forward to renewing my contacts at those institutions and to meeting new colleagues across the UC System. I look forward to increasing UC’s visibility on water issues in a manner that will make a difference to all of California.”

Parker and his wife Angela Dunn Parker, who was raised in San Francisco, look forward to moving back to California with their 11-month-old daughter Olivia. Daughter Alyssa is a sophomore at UC Berkeley and son Colin recently graduated from the University of Maryland in aerospace engineering.
Lehnenbauer to lead VMTRC

Terry Lehnenbauer, an expert in dairy cattle health, welfare and economics, has been named director of the UC Davis School of Veterinary Medicine’s Veterinary Medicine Teaching and Research Center in Tulare, as of June 1.

Lehnenbauer, who joined the center in 2008 as associate director for food systems, takes the helm from James Cullor, who has successfully led the center for the past 15 years. Cullor is returning to his faculty research and teaching duties.

As director, Lehnenbauer oversees academic and clinical training programs for veterinary and pre-veterinary students. He also manages the three-year Dairy Production Medicine residency for veterinarians, works closely with the community to develop research and training programs, and supervises clinical services for more than 100,000 animals at local commercial dairies and calf ranches.

Lehnenbauer’s research interests include animal health economics, assessment of dairy cattle health and welfare, epidemiology of cattle production systems and evaluation of diagnostic tests. He represents the American Association of Bovine Practitioners on the American Veterinary Medical Association’s Animal Agriculture Liaison Committee, which develops position statements on food animal health and welfare issues.

Edwards joins ANR

Davina Edwards joined the vice president’s office as administrative assistant on May 23. Edwards recently returned to the UC Office of the President in a temporary assignment in Health Sciences and Services after a two-year assignment as a case manager at Kaiser Foundation Health Plan. Prior to working at Kaiser, Edwards worked for 14 years at UCOP providing administrative and executive support in various departments.

She will provide administrative support with an array of duties in the immediate office of the VP ANR, including records management, executive correspondence, meeting and conference coordination, travel arrangements and reimbursements and other pertinent tasks.

Edwards can be reached at (510) 987-9857 and Davina.edwards@ucop.edu and is located in Room 12310A of the Franklin Building.

Blackburn, Costello honored by CEAFCS

Mary Blackburn, nutrition, family and consumer sciences advisor for Alameda County, was selected by the California Extension Association of Family and Consumer Sciences as the 2011 Marjorie Michael Memorial award winner.

“This year’s recipient has had a very distinguished career with UC Cooperative Extension,” said Margaret Johns, who presented Blackburn with the award at the Healthy Families and Communities Conference in May.

“She has been an active leader at both the state and national level with CEAFCS and NEAFCS including being a past president of CEAFCS,” Johns said. “As president of CEAFCS, she did an outstanding job. Her county program has focused on the elderly. Her program accomplishments include Grandparents Raising Grandchildren and Food Safety for Seniors. She was the organizer and chair of the Gerontology Workgroup.”

The award, which is given annually, recognizes outstanding teaching, innovative programs, research contributions, use of mass media, public relations activities and public policy activities.

Connie Costello, program representative, received an outstanding service award from the association.

“This is the first time that I know of that a special staff award has been given,” Johns said. “Connie has been a member of CEAFCS for 31 years and has held the office of treasurer for over 10 years. She makes sure we pay our dues on time so we are eligible for awards, keeps track of the Marjorie Michael award winners and is always there to support advisors either academically as well as professionally.”

‘Subpoenas’ section of ANR Administrative Handbook updated

Section 460 of the ANR Administrative Handbook, “Summons and Court Trials,” has been revised and reissued.

The title of the section has been changed to “Subpoenas” and the text has been rewritten to improve clarity and correct outdated information. The section is now organized as an FAQ, which hopefully will be helpful to ANR personnel. These revisions do not change ANR’s existing policy and/or practice. The revised section is available at http://ucanr.org/sites/anrstaff/files/93418.pdf.

Questions regarding Section 460 may be directed to Principal Analyst Claudine Kent of ANR’s Administrative Policies and Business Contracts unit within the Controller’s office. Kent may be reached at (530) 752-7496 or ckent@ucdavis.edu.
Mary Harmon

I mperial County UC Cooperative Extension 4-H advisor Mary Harmon may hold the record for longest-running link to 4-H, having been raised in a 4-H family and served over the years as a 4-H intern, volunteer and advisor. When Harmon retires June 29, she plans to return to the volunteer ranks to teach 4-H leadership development.

Harmon earned a bachelor’s degree in recreation administration at San Diego State University in 1976 and worked as a 4-H intern at the UC Cooperative Extension office in San Diego County. Not long after graduation, the Imperial County director tapped her for the academic 4-H advisor position.

In 1985, Harmon earned a master’s degree in education administration at San Diego State and in 1995 earned a second master’s degree, in educational counseling, at the University of Redlands. She worked as an academic counselor at a community college for 10 years and served as a 4-H parent volunteer leader.

In 2007, Harmon was once again named the 4-H advisor for Imperial County, along with a 25 percent appointment as the county’s nutrition, family and consumer sciences advisor.

During her Imperial County tenure, Harmon was involved in a study by Tufts University researchers that aimed to document the impact of 4-H participation in the students’ lives.

“We learned that involvement in 4-H had a positive influence on youth development,” Harmon said. “The children were more apt to stay in school, and less likely to end up in the juvenile justice system. They made better choices in their lives.”

– Jeannette Warnert

Read the full story at http://ucanr.org/news/?uid=1396&ds=191.

Bill Coates

A fter nearly 35 years of helping Central Coast growers battle invasive pests and diseases, Bill Coates, UC Cooperative Extension farm advisor and county director for San Benito County, will retire June 29.

After earning his bachelors in plant science and master’s degrees in horticulture from UC Davis, Coates began his career with UC Cooperative Extension in 1976 as a farm advisor for tree fruit, nuts, grapes and vegetable crops in San Benito County. In the 1980s he added Monterey County to his responsibilities, leaving grapes and vegetable crops to other farm advisors. In the 1990s, after other farm advisors retired, his area expanded to include Santa Cruz and Santa Clara counties.

Coates developed a method that has become the industry standard for estimating the economic impact of walnut husk fly damage to English walnut quality. With UC Berkeley colleague Bob Van Steenwyk, Coates has tested pesticides and developed effective organic materials and techniques for controlling the walnut husk fly.

“He’s the guy who got the blackline resistant variety program in gear,” said Al Bonturi, a former San Benito County Farm Bureau president. For most of his career, Coates has worked with growers to evaluate which new walnut varieties that are resistant to walnut blackline disease will grow best on the Central Coast.

During retirement, Coates, who has been granted emeritus status, plans to continue working on three major research projects – spotted wing drosophila, walnut husk fly and blackline-resistant walnut varieties.


Gary Nakamura

U C Cooperative Extension forestry specialist Gary Nakamura mapped soils for the US Forest Service, conducted forestry research for a timber company and, for the last 27 years, worked on public outreach with UC. He retires June 29.

Nakamura earned a bachelor’s degree in chemistry at Harvey Mudd College in Claremont.

After completing his master’s degree in soil science at UC Davis, Nakamura took a position with the U.S. Forest Service conducting soil surveys in the Shasta-Trinity National Forest.

While working as research director with the forest products company Champion International Corp, Nakamura chaired the Northern California Forest Yield Co-op and began collaborating with Lee Wenzel, a UC Berkeley forestry professor, who was developing a computer model for estimating forest growth. That contact led to Nakamura being hired in 1985 as the UC Cooperative Extension area forestry specialist based in Shasta County.

Nakamura’s major educational outreach effort has been the Forest Institute for Teachers (FIT), a week-long summer institute co-sponsored with the Society of American Foresters to boost teachers’ interest and teaching skills in forest ecology and forest resource management practices. FIT is now in its 19th year.

Nakamura has worked closely with fellow UCCE forestry advisors Michael De Lasaux and Yana Valachovic to bring together at FIT natural resource experts and teachers from rural and urban settings to work side by side while developing a deeper understanding of forest ecosystems and human use of natural resources.

“We’ve trained about 2,000 teachers since 1993 on how to incorporate real-life natural resources issues into their California standards-based curriculum,” Nakamura said. – Jeannette Warnert

Shirley Peterson

Shirley Peterson, UCCE nutrition, family and consumer sciences advisor for San Luis Obispo County, retires June 29.

Peterson earned a bachelor’s degree in home economics at Cal Poly, San Luis Obispo, in 1972, a master’s degree in Consumer Sciences at UC Davis in 1975, and a second master’s degree in public administration at Cal State Northridge in 1986. In 1990 she completed an internship and national exam to become a registered dietitian.

In 1975, she joined UC Cooperative Extension in Ventura County as a 4-H advisor/home economist. In 1999, Peterson transferred to San Luis Obispo County, where she served as nutrition, family and consumer sciences advisor for 12 years. For the last three years, Peterson extended her area to include northern Santa Barbara County.

During her career, Peterson focused on childhood obesity prevention and improving financial literacy in low-income populations.

One of her most enduring projects was a pre-school lunchbox survey and education program. The research findings prompted Peterson to develop a lunchbox curriculum, which has been updated and reissued four times over 25 years to reflect changes in the USDA dietary guidelines. The curriculum won national honors and served as a model for lunchbox programs in other states.

Another successful collaborative project was “Money Talks,” a statewide curriculum that is used to teach teenagers about money management. Money Talks has won multiple awards.

An avid hiker, Peterson intends to hike in retirement. A summer road trip to Alberta, Canada, and then a trip to Georgia will also give her time to consider opportunities for the next phase of her life. – Jeannette Warnert


Carolyn Pickel

Carolyn Pickel, UC Cooperative Extension’s first woman farm advisor, will retire on June 20 after 38 years.

Pickel, who is currently the integrated pest management advisor for the Sacramento Valley, joined UC Cooperative Extension in 1977 as a farm advisor intern, after four years as a UC staff research assistant. In 1979, she was promoted to UC IPM area advisor for the Central Coast, working on a variety of crops, including strawberries, brussels sprouts and apples. In 1990, she moved north to work with Sacramento Valley growers to develop IPM practices for growing walnuts, almonds, prunes and peaches.

She earned her bachelor’s and master’s degrees in entomology from UC Berkeley. For her master’s degree, Pickel developed the codling moth degree-day model that shaped her future career.

“UC Cooperative Extension specialist Clancy Davis hired me to teach farm advisors to use the degree day model,” Pickel recalled. “That’s when I decided that’s what I wanted to do.”

But when she graduated in 1976, there were no women advisors for agriculture. The women advisors worked in home economics and 4-H.

“They said I didn’t have enough experience and Jerry Siebert, UC Cooperative Extension director, told me to write a proposal to hire interns,” she said. Pickel’s proposal initiated UC’s farm advisor intern program, which has since been discontinued.

In retirement, Pickel and her husband, Marty O’Connell, plan to move to McCloud, a historic mill town near Mount Shasta. Pickel also intends to continue her research and demonstration of puffers for walnut growers, and author the insect chapter for the UC walnut production manual.

Read the full story at http://ucanr.org/news/?uid=1402&ds=191.

Jeanette Sutherlin

Jeanette Sutherlin’s 37-year tenure with UC Cooperative Extension represents more than just an accomplished career; it was her way of life. Sutherlin retires June 29.

“It was my goal to make a difference in the lives of people,” Sutherlin said. “I was able to accomplish this by assembling teams and collaborating with other professionals to address issues such as hunger, malnutrition and obesity - conditions that threatened the well-being of low-income Fresno County residents.”

Sutherlin grew up on a Southern California dairy farm and from the age of 9 was active in 4-H, UC Cooperative Extension’s youth development program. In the late 1960s, Sutherlin won state and national 4-H awards.

Sutherlin earned a bachelor’s degree in home economics education at San Diego State University and in 1973 was hired as an urban youth 4-H program representative for the UC Cooperative Extension office in San Diego. She became a 4-H youth development advisor in Fresno County in 1976. Sutherlin earned a master’s degree in home economics education at CSU Fresno in 1987 and became the nutrition, family and consumer sciences advisor for Fresno County.

In 1990, Sutherlin led a research team that surveyed the nutrition status of Fresno County residents. Even though the county’s agricultural industry feeds the nation, the researchers found that many low-income residents were going hungry.

Sutherlin dedicated herself to serving Fresno County’s low-income community by providing nutrition education and improved access to healthful food. She coordinated Fresno’s Expanded Food and Nutrition Education Program, and later the Food Stamp Nutrition Education Program. – Jeannette Warnert

Retirements, continued from page 5

Sonya Varea-Hammond

Sonya Varea-Hammond, who for 20 years was the leader of the UCCE office serving Monterey County, will retire June 29.

During her tenure, Varea-Hammond addressed agricultural economic development, biotechnology education and the ag-urban interface in addition to serving as administrative leader for the county department.

Another focus of her work was advocacy and marketing for Cooperative Extension. During a sabbatical in 2003, she researched and wrote the 40-page publication “Marketing Cooperative Extension at the Local Level,” a guideline for Cooperative Extension directors that was distributed nationally.

Varea-Hammond conducted a research project with UCCE specialist Alvin Sokolow to identify best practices in establishing buffers at the urban-ag interface. The research report concluded with recommendations for all stakeholders at the urban-ag edge – farmers, neighbors and public policy makers.

She and Sokolow conducted another study that compared high- and low-conflict edges in four crop-growing communities in two counties. They co-authored an article for California Agriculture journal on the ag-urban conflict titled “California communities deal with conflict adjustment at the urban-agricultural edge.”

Varea-Hammond earned a bachelor’s in Spanish and French from UC Santa Barbara, and an MBA in marketing and management from the Thunderbird School of Global Management in Phoenix, Ariz.

During retirement, Varea-Hammond and her husband plan to move to Greenville, S.C. – Jeannette Warnert

Read the full story at http://ucanr.org/news/?uid=1388&ds=191.

CS Update

Communications Advisory Board seeks nominations

The advisory board to ANR Communication Services is seeking to fill positions on the board. Nominations can include, but are not limited to, specialists, advisors, program representatives, academic coordinators and faculty affiliated with the Division of Agriculture and Natural Resources.

The board provides advice and support to Director of Communications Services and Information Technology Bob Sams on Division program connection, resource allocation prioritization, major policy issues, budget and long-range planning. It also provides oversight of the peer review process for ANR educational materials.

Board members appointed by AVP Academic Programs and Strategic Initiatives, Barbara Allen-Diaz, serve three-year, rotating terms. The board meets on a quarterly basis. The new appointments begin in November 2011. Existing board members whose terms are ending may reapply.

Nominations are due by Aug. 1. You may nominate yourself or someone else. Send nominations, along with the addresses of the candidates, to Dennis Pittenger, Communications Advisory Board chair, at dennis.pittenger@ucr.edu. If nominating yourself, please submit a curriculum vitae and the application, which can be downloaded at http://anrcs.ucdavis.edu/files/99667.doc, to Pittenger.

In memoriam:

Wilford Gardner

Wilford Gardner, dean of the UCB College of Natural Resources from 1987 to 1994, passed away at his home in Mapleton, Utah, on May 20. He was 85.

“Wil was dean during a challenging period for the college and the university,” said Keith Gilless, current CNR dean. “Many of us remember those years, in which we were struggling to (re)define our mission and the best way to organize ourselves to pursue it, and in which the early retirement programs developed in response to a previous budget crisis resulted in dramatic changes in staffing and career plans.”

Gardner earned his Bachelor of Science from Utah State University, a Master of Science in soils physics and a Ph.D. in soil physics and mathematics, both at Iowa State University.

After completing his doctorate, Gardner took a research position at the U.S. Salinity Laboratory in Riverside in 1953. In 1966, he became a professor at the University of Wisconsin, where he taught until 1980. During this time he served as a Senior Fulbright Fellow and in 1972 was awarded the Medal of Honor by the University of Ghent, Belgium. Before joining UC, he served as head of the University of Arizona’s Department of Soil and Water Science from 1980 to 1987.

During his career, Gardner published over 140 books, chapters, and scholarly articles. He was an active member of many professional organizations, including the American Association for the Advancement of Science, the National Academy of Sciences, the American Society of Agronomy, the International Soil Science Society, the Soil Science Society of America, the Water Science and Technology Board of the National Research Council.

Gardner is survived by wife Marjorie, brother Herbert, sister Ellen, son Robert (Rumi) Gardner, daughter Caroline (Michael) Cobia, 13 grandchildren and nine great grandchildren. His memoir can be read online at http://issuu.com/utahstateag/docs/wilfordgardnermemoirs2011.

(In Memoriam continued on page 7)
ANR offers ERIT program

UC is implementing a new program, the Employee-initiated Reduction in Time (ERIT) program, for the time period of July 1, 2011, through June 30, 2012. ANR has elected to participate in this program with the stipulation that the approval must be made by the supervisor AND the head of the unit (Statewide Program Director, REC Director, CD, Support Unit Director, etc.).

This program is intended as an optional tool that locations and organizational units may offer to employees to address the current budget crisis. Under this program, eligible staff employees may voluntarily reduce their time and corresponding pay in exchange for certain advantages, such as accrual of vacation and sick leave at the employee's pre-ERIT rates.

Program details and eligibility requirements are posted online at [http://ucanr.org/erit](http://ucanr.org/erit).

Two specific points are important to highlight:

- This is a voluntary program that can only be initiated by employee request and supervisory approval.
- Unlike previous voluntary programs such as START, retirement service credit accrual will be based on the reduced percentage of time worked by the employee during program participation. This is the primary difference between this program and previous programs.

As in the past, this program is not open to Senior Management Group employees or academic employees. With appropriate approvals, employees may sign up any time between July 1, 2011, and June 30, 2012.

For more information, contact the Staff Personnel Unit at anrstaffpersonnel@ucdavis.edu or (530) 752-4540.

Kirby Moulton

Kirby Moulton, UCCE agricultural economics specialist emeritus, passed away on May 20. He was 82.

Moulton, who was based at Berkeley, joined UC in 1970 and retired in 1996. The wine economist was well known for his work on the both California and world wine industry.

“He was a wine economist before it was fashionable to study this market,” said Colin Carter, director of UC’s Giannini Foundation of Agricultural Economics and UC Davis agricultural economics professor. “For instance, Kirby was the first American president of the Economic Commission of the International Office of Wines and Vines, and the government of France recognized the value of his work by awarding Kirby its Merit of Agriculture Award.”

He was a founding member of Ligne de La Vigne, an international group seeking to encourage and coordinate worldwide research on problems in viticulture, wine making and marketing.

Moulton was also known for his work on agricultural trade and policy, global competition in horticultural products, and market liberalization in Eastern Europe.

In 1990, he was appointed to the Agricultural Technical Advisory Committee (ATAC), which advises the U.S. Secretary of Agriculture and the U.S. Trade Representative. As the only academic member named to the committee, Moulton was named to ATAC for his work on competition and trade affecting California’s horticultural industry.

“His research on grape and wine markets helped guide the California wine industry into international prominence in the 1970s and 1980s,” wrote Tim Wallace, agricultural economics specialist emeritus.

Moulton is survived by wife Peggy, children Curt, Mike and Mary, and six grandchildren.

Harold F. Heady

Professor Emeritus of Forestry Harold F. Heady passed away at the age of 95 on April 28, 2011 in La Grande, Ore. Heady was a range management ecologist at UC Berkeley from 1951 to 1984, and in 1991 was awarded the Berkeley Citation for his extraordinary contributions to the University and his field.

After the schools of agriculture and forestry merged in 1974 to form the College of Natural Resources, Heady served as CNR’s associate dean of student affairs from 1974 to 1977. He also held numerous senior administrative positions at the University of California, including director of wildland resources, assistant vice-president for agriculture and university services, and associate director of the California Agricultural Experiment Station.

“He was passionate about the science and management of rangelands,” said Barbara Allen-Diaz, a professor and the Russell Rustici Chair in Rangeland Management at CNR, associate vice-president of UC’s Division of Agriculture and Natural Resources, and a Heady mentee. “He challenged students to be critical thinkers, to learn plant names and be able to identify them in the field, and to be critical observers of ecosystem functioning.”

Heady was born in Buhl, Idaho, on March 29, 1916. He earned a B.A. in forestry and range management from the University of Idaho in 1938, a master’s in forest botany and ecology from the New York State College of Forestry in Syracuse, N.Y., in 1940, and a Ph.D. in plant ecology from the University of Nebraska in 1949.

Before joining the Berkeley faculty in 1951, Heady taught at Montana State University and Texas A&M.

He is survived by daughter Carol DeMaria of Longview, Wash., son Kent Heady and wife Celia of Dale, Ore., three grandchildren and four great-grandchildren. – Ann Guy