Commercial fisheries were among the first to call for a solution to the mitten crab infestation. The crabs damage fishing nets and often render the catch unsuitable for sale. "These introduced species can really have a big impact," said Bill Avery, CSUS biology professor. "We probably won’t be able to eradicate the crabs. We need to know how to deal with the clogged pumps and damage to fishing nets." Scientists say knowing how the mitten crab population’s exponential growth, the crabs live and their feeding habits. Not much is known about the crabs, which have a remarkable ability to migrate. Live mitten crabs have been captured as far as 150 miles from the San Francisco Bay, where the first crabs were caught by fishermen in 1992. Several federal and state agencies are concerned about the crab population’s exponential growth, including the California departments of Fish and Game and Water Resources and the U.S. Fish and Wildlife Service.

At the Tracy Fish Collection Facility, which is run by the U.S. Bureau of Reclamation, multitudes of mitten crabs can be seen feeding on rice plants, damaging the crops. Now one graduate student and several undergraduates at CSUS are doing research to learn more about where the crabs live and their feeding habits. Scientists say knowing how the mitten crab population’s exponential growth, the crabs live and their feeding habits. Not much is known about the crabs, which have a remarkable ability to migrate. Live mitten crabs have been captured as far as 150 miles from the San Francisco Bay, where the first crabs were caught by fishermen in 1992. Several federal and state agencies are concerned about the crab population’s exponential growth, including the California departments of Fish and Game and Water Resources and the U.S. Fish and Wildlife Service.

At the Tracy Fish Collection Facility, which is run by the U.S. Bureau of Reclamation, multitudes of mitten crabs can be seen feeding on rice plants, damaging the crops. Now one graduate student and several undergraduates at CSUS are doing research to learn more about where the crabs live and their feeding habits. Scientists say knowing how the mitten crab population’s exponential growth, the crabs live and their feeding habits. Not much is known about the crabs, which have a remarkable ability to migrate. Live mitten crabs have been captured as far as 150 miles from the San Francisco Bay, where the first crabs were caught by fishermen in 1992. Several federal and state agencies are concerned about the crab population’s exponential growth, including the California departments of Fish and Game and Water Resources and the U.S. Fish and Wildlife Service.

At the Tracy Fish Collection Facility, which is run by the U.S. Bureau of Reclamation, multitudes of mitten crabs can be seen feeding on rice plants, damaging the crops. Now one graduate student and several undergraduates at CSUS are doing research to learn more about where the crabs live and their feeding habits. Scientists say knowing how the mitten crab population’s exponential growth, the crabs live and their feeding habits. Not much is known about the crabs, which have a remarkable ability to migrate. Live mitten crabs have been captured as far as 150 miles from the San Francisco Bay, where the first crabs were caught by fishermen in 1992. Several federal and state agencies are concerned about the crab population’s exponential growth, including the California departments of Fish and Game and Water Resources and the U.S. Fish and Wildlife Service.
Continued from page one

"ACE students bring a lot to the campus and the program provides an opportunity for them as well," Glasmire said. These are students who have achieved at a high level but can't get the courses they want or at the level they want at high school.

However, what distinguishes ACE students is not always academic precociousness, Thomas said. Rather, they are generally serious, self-motivated students who are very demanding on themselves. Many of these students watch a report needing little sleep and are often active in clubs, as class officers, or in community volunteer work.

That's why the ACE staff works closely with the young students to make sure they're not overextending themselves.

In the News

LARRY GLASMIERE, admissions and records, was interviewed for a March KKXY story about freshmen applications being up 20 percent.

JEANIE KELTNER, English, was quoted in a March 12 Sacramento Business Journal article about online college instruction.

RICHARD KORNWEIBLE, history, was quoted in a March 13 Sacramento Bee article about Sacramento County’s History Day competition, which he helped organize.

PATTY L. GOLDSTEIN and RICHARD D. HOWARD, both of government, were quoted in a March 14 Sacramento Bee story about U.S. Marines training in Monterey.

FELICENNE RAMBY, College of Business Administration, was quoted in a March 14 Sacramento Bee article about minorities and MBA programs.

In addition, Kornweible was mentioned in a March 15 Sacramento Bee review of a concert in which his percussion group performed.

ROBERT WASTE, public policy and administration, was interviewed for a March 17 KXPR story on campaign contribution statistics.

MARGARET JAHN, humanities and religion studies, was profiled in a March 20 Sacramento Bee article about Christian mysticism.

ROBERT DONALDSON, history emeritus, was interviewed by KXTV Channel 10 on March 24 for a story about the crisis in Kosovo.

JAMES SUZUKI, art, was profiled in the April Sacramento Magazine’s feature article on area artists.

Young Scholars Attend CSUS Classes

“ACE students bring a lot to the campus and the program provides an opportunity for them as well,” Glasmire said. “These are students who have achieved at a high level but can't get the courses they want or at the level they want at high school.”

However, what distinguishes ACE students is not always academic precociousness, Thomas said. Rather, they are generally serious, self-motivated students who are very demanding on themselves. Many of these students work hard not merely to improve their grades but also to a high level because they are so motivated. They are often active in clubs, as class officers, or in community volunteer work.

That's why the ACE staff works closely with the young students to make sure they're not overextending themselves.

Continued from page one

"ACE students bring a lot to the campus and the program provides an opportunity for them as well," Glasmire said. These are students who have achieved at a high level but can't get the courses they want or at the level they want at high school.

However, what distinguishes ACE students is not always academic precociousness, Thomas said. Rather, they are generally serious, self-motivated students who are very demanding on themselves. Many of these students work hard not merely to improve their grades but also to a high level because they are so motivated. They are often active in clubs, as class officers, or in community volunteer work.

That's why the ACE staff works closely with the young students to make sure they're not overextending themselves.
Orey Studies, Teaches in Brazil for Six Months

Explaining the relationship between math and cultural anthropology — ethnomathematics — to other English speakers can be difficult enough for Daniel Orey, professor of teacher education, when he’s at this campus. So imagine what it must be like for him speaking a foreign language miles away from Sacramento.

That’s one of the challenges he accepted as a Fulbright Scholar in Brazil for six months. He is sharing his experiences with colleagues and students at CSUS this semester. While living in the Portuguese-speaking country of Brazil, Orey was an adjunct professor at Pontifica Universidade Catolica de Campinas. He taught graduate students about ethnomathematics, and in return learned about Brazil and its people.

Orey says he, “grew to know the country, spending quality time to see the everyday things and understand the country — not just the places tourists usually go.”

In preparation for applying for the Fulbright, Orey spent five years learning to speak Portuguese, making contacts and visiting the country several times. His preparation resulted in his selection as one of only three Fulbright scholars to Brazil and the first ever to study ethnomathematics.

According to Orey’s paper in the book published by the International Society for Child Development, ethnomathematics is a term coined in 1968 by Brazilian educator and Orey’s mentor, Ubiratan D’Ambrosio. It is linked to multicultural mathematics.

Many ethnomathematicians are involved in field research focusing on ethnomathematics in the cultural environment. They have traditionally used them and also study the evolving use of mathematics in the cultural environment.

Orey became interested in studying ethnomathematics when he found himself bartering with a woman in a Guatemalan market place 18 years ago using a calculator she kept in her dress pocket.

He says math has found its way into all aspects of life, even where it is not so obvious. Some of the students in Brazil studied the coffee industry and discovered how math is involved in the entire process — from the planting and harvesting through to the packaging and retail selling. Students in his teacher education class at CSUS this semester are examining the math dilemmas Y2K may cause.

Orey is now working on a book about ethnomathematics and hopes to propose a class covering the subject at CSUS.

— Elizabeth DePalma

Recalling the Depression

Members of Writers’ Group 1 of the CSUS Renaissance Society have penned a series of personal remembrances of the Depression years. The stories capture the essence of life in those times as lived by the authors. Events occurring in the years before Black Friday of October 1929 through the early 1940s are related in a way that puts the reader in touch with the hopes, sorrows and harsh realities of the times. This anthology offers a vivid portrayal of how the character of a growing nation was impacted. The personal anecdotes should be of particular value to educators and students of economics, social welfare, history, government and other disciplines.

Copies of Tough Times, may be obtained by calling Olive Horrell at 457-6644 or Russ Albright at 483-3518. A donation of $5 per copy is requested to defray printing costs.

Reception for New Book

A reception and book-signing for Marcos Breton and Jose Luis Villegas, coauthors of Away Games, a new book about Latin American baseball players, will be from 1 to 3 p.m., May 6 in the Multi-Cultural Center at California State University, Sacramento’s Library.

Orey in Brazil

Daniel Orey

Conference to Focus on Linking Government and Universities

A national conference on strengthening ties between state government and public universities will be hosted by CSUS April 28 to May 1 at the Hyatt Regency Hotel and the Sacramento Convention Center.

The seventh annual LINKS conference will bring together academics, elected officials, policy specialists and students. Among other topics, they will address how state government and universities can improve policy-making, how they can prepare young people for civic life and how they can be more effective in an era of rapid technological change.

Keynote speakers will be Charles Reed, chancellor of the CSU system; Assemblymember Denise Moreno Ducheny, D-National City, who chairs the Assembly Budget Committee; and Charles Quigley, executive director of the Center for Civic Education.

Registration information is available by contacting Kolleen Osgaard, the LINKS conference coordinator, at the Center for California Studies at 278-6906. More information is available at http://www.csus.edu/calst/1999links_conference.html.

Community Organizing: Topic of Talk

Organizing community efforts to address local issues is the subject of a lecture by Henry Tingle, general services director for Citrus Heights, at 2 p.m., April 28 in the University Union Delta Suite.

“Improving the Quality of Neighborhoods — Block by Block,” will cover how to recruit and sustain neighborhood associations, how to use surveys to identify neighborhood issues, opportunities for college students to help their community, and information about a juvenile offender accountability program.

Tingle was the deputy city manager and public works director for the city of Richmond before coming to the newly-formed city of Citrus Heights.

The lecture is being sponsored by the College of Health and Human Services and the department of recreation and leisure studies.

Forum on Kosovo

A forum on the Kosovo conflict will be from 10 a.m. to noon on April 28 in the University Union California Suite.

Diana Bejrami, CSUS professor of social work will present “Kosovo: Why are people so confused?” The event is sponsored by the departments of ethnic studies and social work and the Multi-Cultural Center. It is free and open to the public.

For more information, call Diana Bajrani at 278-7179 or Alexandra Kiemney at 278-6802.

Portuguese Group at CSUS for First U.S. Concert

The Portucalle Ensemble of Lisbon will make its first U.S. appearance at CSUS on May 2. The concert will be at 2 p.m. in the University Union Redwood Room and will kick off the group’s California tour.

Portucalle Ensemble performs original music that integrates the sounds of Portugal, other parts of the Iberian peninsula, the Azores, Ireland, Sweden, France and America. It is made up Guitarist Denise Riberia, soprano Manuela de Sa and pianist Maria Teresa Xavier.

The event is presented by the CSUS Multi-Cultural Center and the Portucalle Historical and Cultural Society.

Tickets are $15 general and $12 for Society members and students. Tickets are available through BASS or the CSUS Central Ticket Office 278-4323.

Mexican American History In Song

Corridos de la Raza, a musical history of Mexico, will be presented by Coro Hispano de San Francisco on campus at 7:30 p.m., May 2.

The event is in celebration of Semana de la Raza. It features a series of corridos (traditional folk songs), many of which date back to the 17th and 18th century, that portray the traditions and beliefs of the land in which they originated.

The concert is presented by the Multi-Cultural Center and the College Assistance Migrant Program and will be held in the University Ballroom.

Tickets are $12 general, $8 student seniors and are available at the CSUS Central Ticket Office or through BASS outlets. More information is available at 278-6701.

Semana de la Raza

Event May 3

As part of the Semana de la Raza celebration, a lecture and slide presentation on “Chicano Latino Culture in Transition” will be at noon, May 3 in the University Union Redwood Room.

Presented by Yolanda Lopez, a community activist and visual artist, the talk will explore issues of identity and culture of Mexican Americans.

A California native, Lopez is known internationally for her multi-media deconstruction of racist and stereotypical images of Chicanos and Latinos.

The event is free and open to the public. More information is available by calling the Multi-Cultural Center at 278-6701.

Honor Society Initiates New Members May 5

The Omicron Chapter of Phi Beta Delta, the Honor Society for International Scholars, will hold its Spring 1999 Initiation Ceremony of New Members. President Donald R. Gerth will speak on “Globalization within the CSUS System.” The CSUS community is invited to attend from 3 to 5 p.m., May 5 in the former University Center Restaurant in River Front Center. RSVP to the International Programs at 278-6866.

News Digest

Tough Times

News Bulletin

A Sabbatical/Difference-In-Pay Leave information session for full-time faculty interested in applying for a 2000-2001 Sabbatical/Difference-In-Pay Leave will be held from 9:30 to 11:30 a.m. on May 7 in the University Union California Suite. To register, call the Office of Faculty and Staff Affair at 278-6169.

Bulletin Board

http://www.csus.edu/calst/1999links_conference.html

11:30 a.m. on May 7 in the

11:30 a.m. on May 7 in the
Mitten Crabs

Continued from page one

crabs compete with native species of plants and aquatic life is essential to measuring their impact on the ecosystem. But first, they need to learn more about the crabs’ basic habits. “We need to fill in the gaps in our natural history knowledge to continue our research and know how to control the crabs,” said Avery.

Tanya Veldhuizen, one of Avery’s graduate students, is studying the mitten crabs living in the Sacramento-San Joaquin Delta. She is conducting a pilot study to determine the best way to sample the crabs in different habitats. To do this, she sets up net enclosures and then uses another net to drag through each enclosure to see what species prefer that habitat. In intertidal areas where cattails and reeds grow too thickly to drag a net through, Veldhuizen installs net corrals during high tide and then returns after the water subsides to see what creatures live in that environment.

Veldhuizen is also experimenting with artificial burrows made of PVC pipe that will allow her to compare the crab’s abundance and size in each type of habitat they occupy. “We want to monitor the population, but we don’t know the best way to go about doing that,” Veldhuizen said. “We know there’s just a matter of finding the best indicator of mitten crab presence and abundance.”

Veldhuizen’s year-long study begins in July. Avery is also overseeing a small group of undergraduates as they continue another project Veldhuizen designed. The students are dissecting crabs caught at various times of the day and night to determine when the crabs’ stomachs are most full. Then, biologists will know the best time to catch specimens to see what they are eating.

The second phase of the project will be to see at what age the crabs switch from a vegetarian diet to one that includes animal matter. Other students or state agencies are expected to continue the project to identify the species of plants and animals in the crabs’ stomachs.

State agencies will be interested in what the students discover about the crabs, said Veldhuizen, who now works for the Department of Water Resources. The crabs’ impact on the state’s water supply and its safety as a food source have yet to be determined.

— Kristi Garrett

Ongoing

Native American art exhibit featuring works by Frank LaPena and Frank Day, 8 a.m.-5 p.m., Mon.-Fri., Multi-Cultural Center to April 29. (8 a.m.-5 p.m., Mon.-Fri., Multi-Cultural Center to April 29.)

Sculpture of Sam Hernández, noon-5 p.m., Robert Ellis Gallery, continues to April 30.

Tuesday, April 27

Baseball vs. Fresno State, 2:30 p.m., IM Rec Field.

Outstanding Scholarly Achievement Award Lecture, “Framing the Gothic: From Pillar to Post-Structuralism,” by Mark Henrity, Jr., CSUS English professor, 4 p.m., University Union Auditorium.

Wednesday, April 28

Seventh annual LINKS conference, Hyatt Regency Hotel and Sacramento Convention Center. Call the Center for California Studies at 278-0906 for information.

Employee Investment Fair, 9 a.m.-3 p.m., University Ballroom.

Forum and lecture, “Kosovo: Why Are People So Confused?” presented by Diana Berjrami, social work, 10 a.m., University Union California Suite.

“As Yet Untitled,” alternative rock, noon, University Union Lawn.

Community organizing lecture presented by Henry Tangle, general services director for the City of Citrus Heights, 2 p.m., University Delta Suite.

CSUS Saxophone Quartet, 8 p.m., MUS 151; $6 general, $4 students and seniors, available at the Central Ticket Office, all BASS Ticket Centers or at the door.

Dance concert, For Colored Girls Who Have Considered Dancing the Rainbow, performed by S/BAD, 7 p.m., Solano Hall 1010. Tickets are $12 general, $10 students/seasons, $8 children under 12. Call Linda Goodrich at 278-5036 for reservations. This performance will benefit a student trip to Ghana.

Saturday, May 1

Crew vs. UC Davis for the Jean Rynan Cup, 8 a.m., CSUS Aquatic Center.

SACramento Spring Festival track and field event, 11 a.m., Hornet Stadium.

Sunday, May 2

Portaacule Ensemble of Lisbon, Portugal, 2 p.m., University Union Redwood Room, $15 general, $12 students. Tickets available at the Central Ticket Office.

Corredos de La Raza, featuring Coro Hispano de San Francisco. A musical history of Mexico, 6 p.m., University Ballroom. Tickets are $12 general, $8 students and seniors and are available at the Central Ticket Office and all BASS Ticket Centers.

Monday, May 3

Master of Arts Graduation Exhibition, noon-5 p.m., Robert Ellis Gallery. Artists’ reception 5-8 p.m., Saturday, May 8. Exhibit continues to May 27.

“Senior Show,” works by graduating seniors, noon-5 p.m., Witt Gallery. Artists’ reception 5-8 p.m., Saturday, May 8. Exhibit continues to May 27.

Lecture and slide presentation “Chicana Latino Culture in Transi- tion,” by Yolanda Lopez, Chicana artist, noon, University Union Redwood Room.

Tuesday, May 4

Center for Teaching and Learning open forum, 4 p.m., Lassen Hall 1004.

Wednesday, May 5

Cinco de Mayo program featuring Mariachi Zatarerras, noon, University Union Redwood Room.

Softball vs. California (2), 1 p.m., IM Rec Field.