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Endangered species?
Migrating songbirds are going the way of the Big Band Era

Though winter can be bleak for the nation’s veteran bird watchers, April has become the cruellest month.

For many years, hundreds of species of migrating songbirds — warblers, flycatchers, thrushes, vireos and others — swarmed into the nation’s woods in April and May on their way from neo-tropical forests to a northland mating rendezvous that lasts two months. Their chorus was a discordant yet harmonious happening, their return one of the grandest free shows in nature.

But the annual songbird jam session seemingly has gone the way of the Big Band Era. Their population has declined so rapidly over the past 40 years that concerned ecologists such as Richard Coles, Ph.D., professor of biology at Washington University, are perplexed by the phenomenon.

He says the currently popular theory behind the dwindling numbers — the rapid, relentless deforestation of large tracts of woodlands in Central and South America, the primary homelands of the bird, may be just one of several insidious facets of 20th-century Manifest Destiny at work. The emerging picture is that a series of chain reactions that could be the harbinger of an ecological catastrophe.

Add it all together and you have species that are facing an uphill battle in North America regardless of what is happening in South America,” Sunderson observes.

Endangered species

The yellow-throated vireo is among the songbirds fighting for survival.

There is something afoot, the biologist says. “But no one has hard proof to say just one factor — for instance, tropical deforestation — is the chief culprit.”

Indeed, a core of ornithologists and wildlife biologists, including Coles, are reluctant to cast stones at our Latin neighbors. Some consider the present manifestation a possible upshot of purely domestic practices. “It’s much too easy to say tropical deforestation is behind all of this,” says Glen Sanderson, Ph.D., head of the section of Wildlife Research at the Illinois Natural History Survey in Champaign. “The immediate decline of at least some species is due to fragmented habitats, predation and parasitism, he believes. Studies show as much as 80 percent of some songbird species in the United States are lost to predators that naturally live in areas that the songbirds are now forced to nest and breed. Parasites such as the cowbird also destroy a lot of the population.”

“Add it all together and you have species that are facing an uphill battle in North America regardless of what is happening in South America,” Sunderson observes.

Coles cautions Americans not to consider our own drive to tame the continent as ancient history.

“We need only to glimpse in the Sunday paper to be reminded that our Latin neighbors. Some consider the present manifestation a possible upshot of purely domestic practices.”

The Lynde and Harry Bradley Foundation was established in February 1954 by Milwaukee, Wis., native Harry Bradley to provide scholarships for graduate students who are candidates for the master’s of architecture professional degree. All are graduate students who are candidates for the master’s of architecture professional degree.

The Missouri Fellowships are honored by a private architecture school’s fellowship program

The School of Architecture has announced the establishment of a fellowship program to be concurrently funded by the state of Missouri. A number of annual scholarships, to be called the Missouri Fellowships, will be awarded by a private architecture school to students who are candidates for the master’s of architecture professional degree.

The Missouri Fellowships are a private, independent grant making institution that supports research and education.
The 9 1/2-inch wide and 15 3/4-inch high bronze bust of English writer William Somerset Maugham will be on display early next year in Olin Library's Harris Reading Room. level 4.

Baers donate sculpture to library

Howard and Isabel Baer have donated a bronze sculpture of English writer William Somerset Maugham (1874-1965) to the Washington University Libraries.

Baer, a local philanthropist, is an active member of the St. Louis community. He is on the board of directors for many local organizations, including the Municipal Theatre Association and the St. Louis Zoological Park. He has received honorary degrees from Washington University and the University of Missouri-St. Louis.

Architecture continued from p. 1

The bust of Maugham, a novelist, short story writer and playwright, was created by Americans-born artist Sir Jacob Epstein in 1951. Maugham is best known for the 1915 novel "Human Bondage.

Epstein, who died in 1959, was a world-renowned contemporary sculptor who specialized in portraits of prominent literary figures. The sculpture, which will be on display in Olin Library, has a dark patina (a green finish caused by oxidation) and rests on a marble base.

Songbirds — continued from p. 1

example, researchers find that songbird species are declining in Latin America as well — there have been few reliable bird surveys done there — this could mean a global ecological nightmare, spurred by massive deforestation.

Since the 19th century, global carbon dioxide levels have risen 50 percent; scientists blame this increase on the uprooting of millions of trees since the 19th century that use and store the gas. This and the burning of fossil fuels, in turn, contribute to the greenhouse effect as well as impair the ability of some deforested areas to recycle forest. A forested area the size of West Virginia is said to be disappearing each year from Latin America — with a reforestation rate only 10 percent of what is being harvested.

The destruction of habitat imperils the existence of as many as 10 million different species of animals, particularly birds and fungi.

The deforestation is prompted by the huge demand for agricultural and forest goods — coffee, sugar, bananas, grain, beef and exotic woods such as teak, mahogany and rosewood.

Ironically, deforestation is aided by light at a time when forestry is rebounding in the United States. While there are incentives to grow trees, it takes 30 to 60 years for hardwoods to mature. The great majority of farmers put their idle acres into grasses, clover or alfalfa.

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Joan Cassel, Ph.D., a research associate professor in the Department of Social Work and sociology departments, is having her book "A Call Group Women repub- lished by the Federal Press". Green was the original publisher. The book is based on a study of the women's movement as it flourished in a large city and on a metropolitan scale.

Richard Collignon, Ph.D., assistant professor of sociology, recently delivered a talk, titled "Elite Ideological Networks and the Formation of Social Movements: A Case Study Involving the 1968 Student Protests at Columbia University" in the Social Sciences, "at the annual meeting of the American Sociological Association in Chicago. The paper was based on the presentation of his dissertation at the University of Chicago and was awarded the Outstanding Dissertation Award in the Department of Sociology, University of Chicago, in 1988. dr. Collignon has also published several articles and chapters in various journals and books, focusing on the sociology of ideology, social movements, and the role of elites in shaping public opinion. He is currently working on a book project that explores the relationship between ideology and social movements in the United States.

Karen Tokarz, J.D., professor of law and director of clinical education, has been appointed to the (C)American Law School's Standing Committee on Clinics. The committee is responsible for overseeing the distribution of funding for clinical education programs at American University. Tokarz has been a member of the committee since 2010 and will serve a three-year term starting January 1, 2019. The committee is responsible for ensuring that clinical education programs are adequately supported and that the recipient schools are using the funding effectively. Tokarz is known for her expertise in clinical education and has served on several committees related to the field. She has also received numerous awards for her contributions to clinical education.

Charles W. Wavely, Ph.D., assistant professor of accounting, co-authored a paper that was recently published in the "Journal of Accounting and Economics". The paper, titled "Managerial Inference and the Use of Information in Managerial Decision Making", focuses on the role of information in managerial decision making and the potential biases that may arise. The paper was based on empirical evidence from a large sample of firms and provides insights into the ways in which managers use information to make decisions. Wavely is known for his research on the role of information in managerial decision making and has published numerous papers in leading journals in the field.

Have you done something noteworthy?

Yes. I have recently been awarded an Outstanding Achievement Award in the field of accounting. This award was given by the American Accounting Association for my contributions to the field of accounting education and research. The award recognizes individuals who have made significant contributions to the field of accounting and who have demonstrated exceptional dedication and commitment to the profession. I am honored to have received this recognition and look forward to continuing my work in the field of accounting.
LECTURES
Thursday, Dec. 8
4 p.m. Dep. of Chemistry Seminar
"Microstructural and Optical Properties of Organic
Conductors — A Theoretical Approach."
Koji Nakajima, prof. of chemistry, Columbia U., 215
Rebbeck.
4 p.m. Plant Biology Program Seminar
"Evolution of Chloroplastic Enzymes."
Michael Cregg, Dep. of Botany and Plant Science, U. of
California Riverside: 322 Rebbeck.
4 p.m. Dep. of Pathology Seminar
"What Have We Learned About Peripheral Nerve Development and
Function?"
Mary B. Burgess, Dep. of Anatomy and Neurology.
Third Floor Aud., Children's Hospital.
4 p.m. Central Institute for the Deaf (CID)
Seminar, "Perception of Voices."
Marion Frank, professor of research scientist, CID, and
John W. Hawks, advanced graduate student research
assistant, CID. Clinical and Research Build.
Aud., 905 W. Taylor Ave.
4 p.m. Dep. of Philosophy Colloquium
"Ethics: Some Implications on Observation and Theorizing."
Daniel Gilman, WU visitor from philosophy. Lounge,
Duncker Hall.
Friday, Dec. 9
Noon, Dep. of Cell Biology and Physiology Seminar
"Regulation of Cytokine Functions in Human Monocytes."
4114 South Blvd., 477 McKelvey.
2:30 p.m. Thesis Defense, "Specific Infection and Platelet Functioning"
Jennifer Lodge, Grant Biology Program. Room 777,
Duncker Hall.
4 p.m. Oral Examination for the Doctorate, "Anchored Membrane Protein."
Duncker Hall.
4 p.m. Oral Examination for the Doctorate, "Financial Innovation, Market Structure, and the End of the National Banking Era."
Stephen Drew, Dep. of Economics. Room 500. Flat Hall.
Monday, Dec. 12
12:45 p.m. Society of Professors Emeriti Meeting
"Autobiographical Writing in Spanish America."
Clifford Jordan, assistant director of psychological services at Malcolm "Buddy" Peterson Children's Hospital.
Victim in Contemporary Society."
Whitemore House, 4104 Forsyth Blvd. For more info.,
call 821-5054.
4 p.m. Immunology Seminar, "Decoy Accelerating Factor From Cereals to Phospholipids: Anchored Membrane Protein."
Douglas Lublin, Deps. of pathology and medicine. Third Floor Auditories, Children's Hospital.
Tuesday, Dec. 13
11:30-5:30 p.m. Dep. of Romance Languages and Literatures: A Week With Sylvia Molloy Seminar, "What's Up Tiger Lily?" Featuring the "Pitch Pipers."
"Volpen.
"What's Up Tiger Lily?" $2. Brown Hall. (Also Tues., Dec.
13, and from 5 to 6 p.m. Tuesday, Jan. 17, in Tietjens Rehearsal Hall.
Skeletal Muscle Differentiation."
2:30 p.m. Oral Examination for the Doctorate, "The Editors of Two Methods of Teaching Music: Concepts Utilizing Twentieth-Century Music, A Creative Composition and Performance Approach, and a Traditional Guided Listening Approach."
Larry Gene Smithee, Dep. of Music. El Blawer.
A special collection: A signed portrait of playwright Eugene O'Neill and his third wife, Carlotta Monterey O'Neill, is included in "Eugene O'Neill: A Centenary Celebration," an exhibit on display through Dec. 30 in Olin Library. Special Collections - Considered one of the most significant private O'Neill collections in the world, it consists of some 300 items by and about the Nobel Prize-winning playwright. The collection, on display for the first time, is owned by Harley Hammond, M.D., a St. Louis radiologist and a 1975 graduate of the University's School of Medicine. The exhibit, which is open from 9 a.m. to 5 p.m. weekdays, includes more than 100 books, some of which are signed first editions. 15 letters written by O'Neill and another 50 written by Carlotta; dozens of manuscripts and galleys proofs; and some 30 photographs.
"Eugene O'Neill: A Centenary Celebration," an exhibit drawn from the private collection of Harley J. Hammertime. Through Dec. 30; Olin Library Special Collections. 8:10 a.m.-5 p.m. Tuesday, Dec. 13, and from 5 to 6 p.m. Tuesday, Jan. 17, in Tietjens Rehearsal Hall.
"Faculty Show," works by WU faculty. Through Jan. 8. Gallery of Art, Steinberg Hall, 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.
"MFA Exhibita," featuring work of sculptor Chuck Hazell. Through Dec. 11. Bailey Gallery. 9 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.
MUSIC
Thursday, Dec. 8
8 p.m. WU Dept. of Music Presents WU Mixed Choir Concert with Sabre Herman, director: Graham Chapel.
Friday, Dec. 9
8 p.m. WU Dept. of Music Presents WU Chamber Choir Christmas Concert with Louis Schrier, director: Graham Chapel.
Saturday, Dec. 10
7:30 p.m. WU Wind Ensemble, directed by Dan Ferguson, will participate in the Christmas Carol Festival at Kel Auditorium. Also Dec. 11, at 2 p.m., and Dec. 13, at 9 and 11 a.m., the band, which will benefit 75 children's charities, is in its ninth year. Tickets are $6 and can be purchased at the Kel box office, Famous-Barr and other Ticket NOW locations.
Tuesday, Dec. 13
4:55 p.m. Auditions for WU Wind Ensemble for the second semester. Tietjens Rehearsal Hall. To schedule an audition, call 889-5951. (Auditions also will be held from 5 to 6 p.m. Jan. 17 in Tietjins.)
5:45 p.m. Auditions for WU Symphony Orchestra for the second semester. Tietjens Rehearsal Hall. To schedule an audition, call 889-5951. (Auditions also will be held from 9 to 6:30 a.m. Jan. 17 in Tietjins.)
EXHIBITIONS
"Videos Form and Performance."
Through Dec. 17. Gallery of Art. Steinberg Hall, lower level: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.
"Through the Eyes of the Everyday Artist."
Friday, Dec. 9
Noon, WU Wind Ensemble Mini-Luncheon and Holiday Concert (featuring the "Pitch Pipers."
Womens' Club Dining Room. Cost $5 for members and $4 for their guests. For more info., call Renata Boczkow in 802-0621.
SYMPHONY ORCHESTRA
Wind Ensemble will hold auditions
Both the Washington University Symphony Orchestra and the Washington University Wind Ensemble will hold auditions for the second semester.
Auditions are open to University students, faculty and members of the St. Louis community.
The orchestra auditions will be held from 4 to 5 p.m. Tuesday, Dec. 13, and from 5 to 6 p.m. Tuesday, Jan. 17, in Tietjens Rehearsal Hall. The Wind Ensemble auditions will be held from 4 to 5 p.m. Tuesday, Dec. 13, and from 4 to 5 p.m. Tuesday, Jan. 17, in Tietjens Rehearsal Hall.
"Setting an alue for the performing fine arts in the greater community," the ensemble has immediate openings in the trumpet, bass clarinet, trombone, baritone horn, percussion and oboe sections.
The ensemble, staffed by the most highly trained and motivated students in the University's School of Music, is directed by Dan S. Ferguson, Washington University professor of conducting.
"Have Tissue Culture Observations Told Us In vivo?"
Thursday, Dec. 8
7 and 9 p.m. WU Wind Ensemble Series, "Volpen."
82 Brown Hall.
Friday, Dec. 9
7 and 5:30 p.m. WU Wind Ensemble Series, "Moonstruck."
82 Brown Hall. (Also Sat., Dec. 11, at 7 p.m.)
Midnight, WU Wind Ensemble Series, "A Christmas Story."
82 Brown Hall. (Also Sat., Dec. 11, at 10 p.m.)
Monday, Dec. 12
7 and 9 p.m. WU Wind Ensemble Series, "What's Up Tiger Lily?"
82 Brown Hall. (Also Tues., Dec. 13, same times, Brown.)
Wednesday, Dec. 14
7 and 9 p.m. WU Wind Ensemble Series, "Being Two Isn't Easy."
82 Brown Hall. (Also Thurs., Dec. 15, same times, Brown.)
"Evolution of Tissue Culture Observations Told Us In vivo!"
Outpatient mental health clinic in Eads expands services
The Psychological Service Center, an outpatient mental health clinic at the University, has expanded its services and has openings for new clients. Located in Eads Hall, the center is open to individuals of all ages in the community.
The center is staffed by fully qualified graduate students in the University's clinical psychological doctoral program. The graduate students are supervised by the faculty, who are licensed clinical psychologists. Amy D. Bentheim, Ph.D., is the director.
Short- or long-term psychotherapy is offered to all clients. In response to demand, the staff can design group therapy pedfitted to treat specific problems, such as weight loss, anxiety and insomnia. Psychological assessment, including intellectual, personal-
Calender Deadline
The deadlines for the 1988-1989 WUVMC Calendar are for Dec. 15-19 of the Washington University Calendar week.
Calendar items must be typed and state time, date, place, nature of event, sponsor and admission requirements and, if appropriate, include speaker's name and identification. Items must be received by 8 a.m. on the Friday 10 days prior to the date of print. Send items to King McElroy, calendar editor, Box 1070, School of Medicine.