

Speakers

Dr. Leonid Averyanov, Keynote Speaker

Topic: 'Orchids of Vietnam: Ecology of Ornamental Species'

Dr. Averyanov was born in St. Petersburg (former Leningrad), Russia, in 1955. Nationality - Russian, married with 2 children. He attended basic middle school from 1963-1972, then entered the St. Petersburg State University (Biology Department), and graduated in 1977 with a degree in biology. Since then, Dr. Averyanov has specialized in the plant taxonomy (higher plants), plant geography, and in nature protection of Eurasia at the Komarov Botanical Institute of the Russian Academy of Sciences (St. Petersburg) where he earned a Candidate of Sciences (PhD) in 1983, a Doctor of Science (Dr.Sci) degree in 1991, and the title of Professor in 1999. He has participated in numerous botanical expeditions in the territory of the former Soviet Union and in Old World tropics according to numerous international investigation programs. As Principal Investigator and participant, successively completed a number of grant projects supported by the Russian Foundation of Fundamental Investigations, UNESCO, USA National Geographic Society, USA National Science Foundation, American Orchid Society, San Diego Orchid Conservation Committee etc.

Dr. Averyanov's present position is Senior Researcher and Professor of the Herbarium of Komarov Botanical Institute of the Russian Academy of Sciences (St. Petersburg, Russia), and Vice President of the All-Russian Botanical Society. He is a member of Scientific Institute Council and Institute Dissertation Approval Council. Dr. Averyanov was awarded the State Lenin Komsomol Medal Award in 1987 and Russian Academy Academician V.L.Komorov Award in 2005. His book, with co-authors, "*Slipper Orchids of Vietnam. With Introduction to the Flora of Vietnam*" received the Annual Literature Award of The Council on Botanical and Horticulture Libraries U.S.A. for 2004. He has authored approximately 400 scientific publications and monographs. His main scientific interests are concerned with taxonomy of Eurasian Monocots, particularly orchids, Gymnosperms, plant geography of Eurasia, and conservation of nature.

Recently completed grants:

U.S.A. National Geographic Society - "*Flora of Highlands of the South Vietnam*" 1993-2001 years (grants # 5094-93, 5803-96, 6383-98); "*Limestone Flora of Cao Bang Province of northern Vietnam*" 1998-1999 years (grant # 6300-98); "*Botanical Inventory of Unexplored Areas in Viet Nam: The North*" 1999-2001 (grant # 6733-00); "*Exploration of rocky limestone flora and vegetation in Bac Kan province, northern Vietnam*" 2003-2005 (# 7577-04); "*Exploration of highland flora and vegetation in Lai Chau & Son La Provinces, north-western Vietnam*" 2006-2007 (#8074-06); "*Exploration of primary woods along constructed highway Hanoi - Ho Chi Minh for their sustainable conservation (in limits of Ha Tinh, Quang Binh, Quang Tri, Thua Thien Hue, Quang Nam and Kon Tum provinces of central Vietnam)*" 2008-2009 (8418-08); "*Exploration of primary woods along constructed highway Hanoi - Ho Chi Minh for their sustainable conservation (in limits of Ha Tinh, Quang Binh, Quang Tri, Thua Thien Hue, Quang Nam and Kon Tum provinces of central Vietnam)*" 2010-2011 (8800-10).

U.S.A. National Science Foundation - "*Collaborative Research: A Multi-Taxa Inventory of Threatened Conservation areas in Viet Nam*" 1999-2001 (grant # DEB-9870231).

Henry Luce Foundation. Vietnam Botanical Conservation Program in Vietnam. 1999-2008. "*Preliminary updated checklist of orchids (Orchidaceae) of Ba Be National Park*", 2002; "*Preliminary updated checklist of orchids (Orchidaceae) of Bach Ma National Park*", 2003; "*Preliminary updated checklist of orchids (Orchidaceae) of Nui Chua National Park*", 2004; "*Preliminary updated checklist of orchids (Orchidaceae) of Bu Gia Map National Park*", 2005; "*Preliminary Survey of the Flora and Vegetation of Bi Doup – Nui Ba National Park*", 2005; "*Preliminary Survey of the Flora and Vegetation of Da Krong Nature Reserve and allied areas*", 2006; "*Flora and vegetation of Pu Nat national park and allied areas*", March 2007; "*Flora and vegetation of Thuong Lo Municipality and allied areas (Thua Thien – Hue Province)*", April 2007; "*Survey of the flora at Yok Don national park*", March 2008; "*Survey of the flora at Lo Go – Xa Mat national park*", December 2008.

American Orchid Society. "*Exploration of endangered Vietnamese Paphiopedilums*", years 1996-1997;

"Exploration of endangered calcium dependent orchid flora in inaccessible rocky limestone areas of the North Vietnam", years 1999-2000; "Population studies of endemical *Paphiopedilum* species in northern Vietnam", 2001-2002 years; "Discovery of endemic orchid flora in remote limestone areas of Northern Vietnam", years 2003-2005; "Exploration of orchid flora in Laos and allied areas of Vietnam", years 2008-2009; "Assessment of orchid endemism in NW Vietnam with special attention to *Paphiopedilum canhii*", years 2010-2011.

International Cooperative Biodiversity Groups (ICBG) Grant No. 1-UO1-TW01015-01, through funds from the National Institutes of Health, National Science Foundation, and the Foreign Agriculture Research Service of the United States Department of Agriculture, U.S.A., 2000-2005.

San Diego County Orchid Society Conservation Committee. "Exploration of endangered calcium dependent *Paphiopedilum* species in Northern Vietnam", 1999-2000 years.

Fund Fauna & Flora International (Vietnam Program). "The distribution of *Paphiopedilum vietnamense* and its current status in the wild". 2000; "Community-based Conservation of the Hoang Lien Mountain Ecosystem, Vietnam, Flora and vegetation survey of Van Ban district, Lao Cai province of northern Vietnam", 2002; "Preliminary survey of orchids and gymnosperms in Trung Khanh district, Cao Bang province northern Vietnam", 2004.

Fauna & Flora International Vietnam Conservation Support Program and the Ministry of Agriculture and Rural Development, Vietnam. "Pu Luong – Cuc Phuong Limestone Landscape Conservation Project, Preliminary botanical survey of primary vegetation in Pu Luong nature reserve", 2003.

Fund Fauna & Flora International (Vietnam Program) & Counterpart International. "Preliminary survey of Orchids (Orchidaceae) in Phong Nha – Ke Bang National Park", 2005.

WWF Indochina Programme. Green Corridor Project in Thua Thien – Hue Province, VN085301. "Lowland flora and vegetation. Preliminary survey", 2005.

Basic Research program in Life Sciences of Viet Nam, # 611001. "Threatened conifers and cycads of Vietnam", 2000-2002.

Swiss Orchid Conservation fund of Zurich Foundation for Orchid Conservation of Swiss Orchid Society. "Orchids of Vietnam, work on monograph manuscript", 2005-2006; 2009-2010.

Rufford Small Grant for Nature Conservation (RSG). "Assessment of distribution and natural status of *Paphiopedilum canhii*", 2010-2011.

Chicago Zoological Society. Chicago Board of Trade Endangered Species Fund. "Assessment of current natural status of critically endangered species - *Paphiopedilum canhii* for its conservation"

Dr. Raymond A. Cloyd

Topic: 'Pests of Orchids'

Professor and Extension Specialist in Ornamental Entomology/Integrated Pest Management
Department of Entomology
Kansas State University
Kansas State Research and Extension

Raymond has an extension (70%) and research (30%) appointment at Kansas State University, Manhattan, KS. Research and extension program involves pest management in greenhouses, nurseries, landscapes, turfgrass, conservatories, interiorscapes, Christmas trees, and vegetables and fruits. Extension specialist in horticultural/ornamental entomology for the state of Kansas. Major clientele includes homeowners, master gardeners, and professional and commercial operators.

Raymond has published over 60 scientific refereed publications and over 400 trade journals on topics related to pest management. In addition, he has authored or co-authored books (*Pests and Diseases of Herbaceous Perennials*, *IPM for Gardeners*, *Plant Protection: Managing Greenhouse Insect and Mite Pests*, and *Compendium of Rose Diseases and Pests*), book chapters, manuals, PICT or pocket guides, and many extension-related publications. Raymond is a frequent speaker at state, national, and international conferences and seminars.

Robert Fuchs

Topic: 'Vandaceous Intergeneric Hybrids'

R.F. Orchids opened its doors in the fall of 1970 on a portion of Fred and Louise Fuchs' 1921 homestead property.

Fred, Sr. and Louise ran their nursery together until Fred, Sr.'s death in 1969. Because of Fred's ill health in the last few years of his life, the nursery suffered some decline during that time. In 1970 grandson Bob graduated from Florida State University, and after graduation returned to Homestead and began a massive cleanup and renovation of the nursery. He brought in plants from his own collection, which had been housed at another site, and R.F. Orchids opened for business in December of that year. At that time, Bob's official profession was teaching at Homestead Junior High, and the nursery was open only on weekends and afternoons after school. Juggling both commitments was quite an effort.

1984 brought the attention of orchid growers around the world to Miami, for the 11th World Orchid Conference and its prestigious orchid show. Much of that attention focused on R.F. Orchids when our plants won 12 individual medals and our exhibit won a Best In Class trophy. And most important of all, R.F. Orchids' plant Vanda Deva 'Robert' was honored as the Grand Champion of the 11th WOC. This award catapulted us into international recognition and acceptance as one of the leading vandaceous orchid firms in the world.

Bob retired from teaching in 1985 and incorporated the nursery. The nursery participates in several dozen orchid shows each year, many of them international shows outside the United States. Bob has written many articles for publication in *Orchids*, the prestigious magazine of the American Orchid Society, and in other distinguished international publications.

An accredited American Orchid Society judge, he travels extensively throughout the world to attend orchid shows, present lectures and programs to orchid societies and other groups, and he is the author of the section on "Vanda Culture" in the American Orchid Society's *Handbook on Orchid Culture*.

R.F. Orchids celebrated its 40th Anniversary in 2000. In the years since the nursery's founding, it has won more American Orchid Society awards – more than 1,000 since 1985 – than any other nursery or individual grower. Those awards include more CCM/AOS awards for culture, given to the grower and not to the plant, than have been awarded to any other orchid grower in the world. Our plants have also won many FCC/AOS awards – the First Class Certificate, the highest flower-quality award the AOS grants, and Bob's stunning show exhibits have won thirty Gold Medals, and forty-eight Show Trophies from the American Orchid Society for the Most Outstanding Orchid Exhibit at an AOS-sanctioned show.

The awards don't stop with the American Orchid Society. R. F. Orchids has been recognized with prestigious awards from the Royal Horticultural Society in England, World Orchid Conferences, the Japan Grand Prix, South African Orchid Congress Shows, and from orchid societies in Costa Rica, El Salvador, Panama,

Guatemala, Venezuela, Colombia, Ecuador, and Peru .

The nursery has been featured in many national and international publications, including *TIME*, *National Geographic*, the *New York Times*, *Casa y Estilo*, *Vanidades*, and *Southern Living*, as well as local and regional newspapers and magazines.

Bob is a life member and former trustee of the American Orchid Society, life member of the Royal Horticultural Society of Thailand, member of the Royal Horticultural Society in England, past president and current board member of the South Florida Orchid Society; founding member and past president of the East Everglades Orchid Society. In 1994 the South Florida Orchid Society presented him with its Distinguished Service Award. He is a member of the Homestead-Florida City Chamber of Commerce, and a generous supporter of the education and conservation programs at Miami MetroZoo. In October, 1999, the City of Homestead presented Bob with the Key to The City, and proclaimed Robert Fuchs Day, in recognition of his dedication, hard work and contributions to the improvement of the horticulture industry in our community. In January, 2001, Bob was named Miami-Dade County's Agriculturalist of the Year.

In the fall of 2002, Bob was appointed Co-Chairman of the 19th World Orchid Conference, in January, 2008 in Miami. Held once every three years in a different international location, the World Orchid Conference is the largest and most prestigious gathering of orchid professionals, scientists, growers and hobbyists. The 19th World Orchid Conference was hosted jointly by the South Florida Orchid Society and the Ft. Lauderdale Orchid Society at the Sheraton Miami Mart Convention Center. Robert Fuchs (© 2011, R.F. Orchids, Inc., all rights reserved)

Patricia Harding

Topic 'Brazilian Oncidiums'

Patricia is retired from the workforce and now focuses on orchids, as a traveler, observer, photographer, and writer, with a little orchid growing on the side. When she's not traveling she lives in Oregon.

Patricia studied Botany as an undergraduate, but the economy at the time provided no jobs in Botany, so she became a medical doctor. She started growing orchids at age 21, killed them all, started again at 25, killed them all, and again at 30, but this time she started by going to orchid society meetings to learn how to do it. At the first meeting someone had a *Dendrobium thyrsiflorum* with three massive inflorescences. They had collected the plant years before and they were selling it because it was too big. Patricia sat on her hands and let the thing go to someone else for \$20, as she vowed not to buy an orchid till she knew how to grow them. She felt so frustrated by this that she never sat on her hands again, buying every orchid she reasonably could get her hands on. This lead to one greenhouse, two and now three greenhouses and about 5000 plants and of those there are 1500 different species.

She retired from medicine ten years ago, and decided to return to Botany, especially the part of Botany she found the most fascinating--taxonomy. She started the AOS judging program in the PNW region and had the good fortune to meet with Carl Withner. She volunteered to help him with some "projects". The first project ended up being the book "The Debatable Epidendrums" covering a group of orchids Carl had loved and had ideas of how they should be segregated but had never put it to paper. Patricia's part was to put it to paper.

She learned a lot doing the book and enjoyed sorting out the problems such a book presents. She decided to do the next work on her own. She decided to study the *Huntleya* group, which includes *Pescatorea*, *Chondrorhyncha*, *Kefersteinia*, among others. The result is the book "Huntleyas and their Relatives" which has just been released November 2008.

Along with writing books about orchids, she writes the occasional article for orchid magazines and in her travels she photographs orchids which seem to be all over the internet.

Patricia has been fortunate that as an AOS judge she has fallen into the small group of judges who judge international shows. This is not an elite group and it is surprising how few judges take advantage of these opportunities to judge internationally. Usually the cost to the judge is airfare and the rest is provided by the society so that the judge's in-country expenses are minimal. With a little effort one can arrange for some local people to take the judges to see orchids in the habitat, which is the part Patricia likes the best.

Patricia no longer buys orchid plants, she does take the occasional gift plant, but she now considers the greenhouses of collectors around the world as part of her own collection. Besides her greenhouses are full.

Norito Hasegawa

Topic: 'What's New in Paphs?'

Sponsored by The Slipper Orchid Alliance

Norito Hasegawa is a retired dentist, an overextended hobbyist (considered commercial for tax purposes), is a 3 million miler traveling to many foreign countries talking and/or judging in places such as Japan, South Africa, Australia, Brazil, Canada, Denmark, Germany, New Zealand, Taiwan, England, France, Switzerland and many many cities in the USA.

He is primarily a hybridizer of Slipper Orchids (*Paphiopedilum*) although his interests and collection of 15,000 orchids include miniature cattleyas, phalaenopsis, cymbidiums and variegated orchids of all sorts. He first became interested in orchids after seeing orchids in mass at the World Orchid Conference held in Long Beach in 1966. After he bought his first orchids, he failed miserably, but persisted in trying to grow them outdoors, and in no time he had hundreds. Now, he can't imagine his life without orchids. Orchids are an endeavor of science, taxonomy, hybridizing, art, sociability, quiet reflections, and mad parties—join the addiction and fun.

He is married to Joyce, with three children Lisa, Todd and Mark with paphiopedilums named after each of them. He is owner of Paphanatics, Unlimited; a judge in both the American Orchid Society and the Cymbidium Society of America for over 35 years.

Alan Koch

Topic: 'Species Habitat and Hybrid Culture'

Alan Koch owns and operates Gold Country Orchids where he specializes in miniature and compact Cattleyas. Alan started growing orchids in 1969 with 3 Cymbidiums given to him by an aunt. While in college, he became interested in other orchids and discovered many would grow outdoors in Southern California. He has moved five times as his orchid obsession has led to the need for more growing space. With the last move, he purchased 10 acres of land in Lincoln, California for his 300,000 orchids. He is recognized as an expert in the Brazilian Cattleya alliance and a trendsetter in miniature Cattleya breeding. Alan has been published in the Orchid Digest, and the American Orchid Society magazines. He has also been published in the proceedings of the World Orchid Conference. He is an internationally known speaker. Alan is a past member of the AOS Judging Committee, and the Research Committee, as well as an Accredited Judge and is Vice-chair and Training Coordinator for the California Sierra Nevada Judging Center. Alan also served two terms on the Orchid Digest Executive Committee and Board of Directors, and is one of the current directors, as well as a Trustee for the AOS. (from the Gold Country Orchids website)

Bryon Rinke

Topic: 'Phalaenopsis lobbii and parishii, the species and hybrids'

Sponsored by the International Phalaenopsis Alliance

Bryon K. Rinke will be speaking on "*Phalaenopsis lobbii & parishii* – The Species and the Hybrids". This lecture was originally for the Great Plains Judging Center, where he is an accredited judge, but he decided to present it at the AOS Spring 2012 Meeting. Bryon lives in Winfield, KS. He has a medical background in Radiologic Technology, specializing in CT (Computed Tomography) and MRI (Magnetic Resonance Imaging). He has been growing orchids since 1980. Bryon started growing everything orchid wise under fluorescent lights and in a window, soon realizing that Vanda's don't work well under lights. This is when he came to the conclusion that miniature species did well under lights, and you could purchase so many more to fit the same area. He now grows in a greenhouse with Max Thompson at Southwestern College in Winfield, KS. Poinsettia's, bedding plants, and orchids are their main crops to pay the bills at the greenhouse. Please visit our website www.sckans.edu/other/greenhouse .