

STRI newsletter

December 6, 1991

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panama

No. 49

TUPPER CENTER SEMINARS

Tuesday, Dec 10, noon seminar speaker will be Oris Sanjur, Universidad de Panama.

Estudio del Cariotipo de Cuatro Especies de Pomacéntridos del Pacífico de Panamá.

SPECIAL SEMINAR

Tuesday, Dec 10, evening seminar speaker will be Carl Hansen, OPPS at 6pm.

New Photo Services: What we can do for you, What you can do for us.

Next Week

Tuesday, Dec 17, noon seminar speaker will be Ivan Valdespino, New York Botanical Garden.

Is the Genus Selaginella-Selaginellaceae (Spike Mosses) Monophyletic?

PEOPLE

Arrivals

- Martin Moynihan will return to Panama Dec 6.
- Robert Hoffman, Bill Moore, Berryl Simpson, Virginia Ferris, Westley Brown and Margaret Kidwell, members of the Molecular Laboratory Review Committee, Dec 9-13, to see the operation of the STRI molecular lab and visit other facilities.
- Luis Bulla, Instituto de Zoología Tropical, Dec 9-22, to teach intermediate statistics course and visit STRI facilities.

Departures

- Klaus Winter to Coro, Venezuela, Dec 7-15, to participate in the workshop "Reconstruction of the Ecological Changes in Northern South America", at the invitation of the Universidad Nacional Experimental Francisco de Miranda.
- Fernando Pascal to Washington D.C., Dec 9-18, on official business at ODC, Smithsonian Institution.
- Elena Lombardo to Washington D.C., Dec 12-15, on official business at Smithsonian Institution.

On Leave

- Edgardo Maravi, Dec 1-31.
- Carmen Sucre, Dec 5-26.
- Marcos Guerra, Dec 10-23.
- Vielka Vergel, Dec 11-16.

Come share the Holiday spirit with other members of the STRI community!

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Vengan y compartan el espíritu de Navidad con otros miembros de la comunidad del STRI!



STRI invites all personnel, fellows and visitors to attend the annual Christmas Party, to be held at the Tupper Exhibit Hall on Tuesday, December 17, at 1:30pm

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El STRI invita a todo el personal, becarios y visitantes a la fiesta de Navidad anual, que se llevará a cabo en el Salón de Exhibiciones el martes, diciembre 17 a la 1:30pm

THINGS YOU SHOULD KNOW

Reminder • Para Recordar

Monday Dec 9 is a holiday for STRI ••• *El lunes 9 de diciembre es un día libre para el STRI.*

At Tupper Center

Dec 10: Scientific Staff Meeting, 9:30 am-12 noon.

Intermediate Statistics Course, Auditorium, 1:30-5 pm.

Dec 11: COABIN Meeting, Small Meeting Room, 9 am-12 noon.

Christmas is joy and sharing. All of us STRI personnel are very fortunate to have a Christmas Dinner in our homes. So why not share our blessings with families who do not have even the basic things in life? As is traditional at STRI, there will be an empty table or box at each facility. All members of the STRI family are invited to donate at least **one pound of love**, if possible, from the following list: canned evaporated milk, canned soup, meat or vegetables, cooking oil (in small bottles), dehydrated soup (in packages), sugar, salt, coffee, tea, rice, lentils, beans, spaghetti, toilet articles (tooth brushes, body powder, etc.), a toy (indicating sex and age).

If you would prefer to give financial contributions, please issue your check in favor of the Franciscan Rev. **José Rotellino** from the San Anthony of Padua Church **Bread for the Poor Program**. All contributions received will be distributed to the very needy families in the outskirts of Panama City. As you all know, this is a voluntary matter. Give generously, in STRI style!

••• *Navidad es alegría, es compartir. Nosotros, los empleados del Instituto Smithsonian, somos afortunados en participar en nuestros hogares de una gran cena de Navidad. ¿Por qué no compartir nuestras bendiciones con otras familias que no tienen siquiera las cosas más elementales para subsistir? Habrá una mesa o cajas desocupada, en las distintas instalaciones del STRI, donde la familia del Instituto está invitada a depositar una libra de amor o más, si les es posible, de la siguiente lista: azúcar, sal, café, té, arroz, aceite de cocina (en botellas pequeñas), pasta o salsa de tomate, sopas en lata o paquete, leche en polvo o evaporada, carne o vegetales en lata, lentejas, porotos, arverjas, macarrones, artículos de tocador (pasta de dientes, jabón, talco), un juguete (indicando sexo y edad).*

Si Ud. prefiere dar su contribución en efectivo, emita un cheque en nombre del Rev. Padre Franciscano José Rotellini, que preside el programa **El Pan de los Pobres**. Todas las donaciones recibidas se entregarán a la Iglesia San Antonio de Padua en Miraflores, para ser distribuidas a las personas más menesterosas de las afueras de la ciudad. Como es del conocimiento de ustedes, esta contribución es voluntaria. Contribuya generosamente, al estilo del STRI!

ANNOUNCEMENTS

Position Available at STRI

We are looking for a Biological Aide, to collaborate with Klaus Winter in his research on plant physiology, mainly in the following areas: photosynthetic gas exchange and fluorescence measurements, biochemical analysis of leaves, data logging, data evaluation, plant cultivation, laboratory management and equipment maintenance. The candidate should be bilingual preferably (English-Spanish). This is a permanent federal position to start sometime in January. Send resúmenes with recent references to the Office of Human Resources at Tivoli.

Reception at International Club in Washington to Honor Alan P. Smith

• Hosted by the Embassy of Panama

The Ambassador of Panama in Washington, H.E. Jaime Ford Boyd, will host a reception in honor of Dr. Alan Smith's scientific research in Panama on Friday, 13 December, at the International Club. Proceeds from this event will benefit the forest canopy studies program at STRI.

Alan Smith will also speak on the Tropical Forest Canopy —A Biological Frontier, on Monday 16 Dec at 6 and 8:30 pm in the Baird Auditorium and the National Museum of Natural History, SI. Using video and slides, he will reveal the intricate animal and plant interactions of the forest canopy.

New Video ••• Nuevo Audiovisual

The Office of Education and Conservation at STRI has a new addition to its audiovisual lending library available in VHS format: *Promising Approaches to Natural Forest Management in Latin America* by the US AID (35 min)

••• *La biblioteca de audiovisuales disponibles para préstamo de la Oficina de Educación y Conservación del STRI dispone de una nueva cinta de 35 min, en inglés, del AID de los EEUU: Formas Prometedoras para la Administración de Bosques Tropicales en América Latina.*

STRI NEW PUBLICATIONS

- Davis, William James and Graham, Douglas J. 1991. "The influence of food on reproductive strategies in a monogamous kingfisher (*Chloroceryle amazona*)." *The Auk* 108(4): 780-789.
- Forget, Pierre-Michel and Milleron, Tarek. 1991. "Evidence for secondary seed dispersal by rodents in Panama." *Oecologia* 87:596-599.
- Goldstein, David L. and Smith, Neal G. 1991. "Response to Kirkley." *Journal of Raptor Research* 25(3): 87-88.
- Hogan, K.P., Smith, A.P. and Ziska, L.H. 1991. "Potential effects of elevated CO₂ and changes in temperature on tropical plants." *Plant, Cell and Environment* 14: 763-778.
- Ryan, Michael J. 1991. "Sexual selection and communication in frogs." *Trends in Ecology and Evolution* 6(11): 351-354.
- Thompson, James D., Herre, E. A., Hamrick, J.L. and Stone, J.L. 1991. "Genetic mosaics in strangler fig trees: implications for tropical conservation." *Science* 254(Nov 22): 1214-1216.
- Tyree, Melvin T., Snyderman, Wilmot, Timothy R. and Machado, José Luis. 1991. "Water relations and hydraulic architecture of a tropical tree (*Schefflera morototoni*)." *Plant Physiology* 96: 1105-1113.

From Human Resources Office ••• De la Oficina de Recursos Humanos

*Always keep your ideals high enough
so that you have to keep stretching to reach them.*

*Trata siempre de mantener tus ideales altos
para que tengas que estirarte para alcanzarlos.*

Values

The most interesting thing about any human being is the values by which he or she lives. Unfortunately, most of us never take the time to sit down and really think through the moral precepts that consciously or unconsciously guide our lives.

The following "daily dozen" constitute the personal creed of Robert Louis Stevenson:

- Make up your mind to be happy. Learn to find pleasure in simple things.
- Make the best of your circumstances. No one has everything, and everyone has something of sorrow intermingled with the gladness of life. The trick is to make the laughter outweigh the tears.
- Don't take yourself too seriously. Don't think that somehow you should be protected from misfortunes that befall others.
- You can't please everybody. Don't let criticism worry you.
- Don't let your neighbor set your standards. Be yourself.
- Do the things you enjoy doing, but stay out of debt.
- Don't borrow trouble. Imaginary burdens are harder to bear than the actual ones.
- Since hate poisons the soul, do not cherish enmities or grudges. Avoid people who make you unhappy.
- Have many interests. If you can't travel, read about new places.
- Don't hold postmortems. Don't spend your life brooding over sorrows and mistakes. Don't be one who never gets over things.
- Do what you can for those less fortunate than yourself.
- Keep busy at something. A busy person never has time to be unhappy.

Sense of Humor

Two income tax collectors died and arrived at the pearly gates. Just ahead of them were two clergymen, but St. Peter motioned them aside and took the internal revenue men into heaven at once. "Why them ahead of us?" the surprised men of the cloth asked. "Haven't we done everything possible to spread the good word?" "Yes," said St. Peter, "but those two internal revenue men scared the hell out of more people than you ever did."

Hasta la próxima,

Valores

Lo más interesante sobre cualquier ser humano son los valores bajo los cuales vive. Desafortunadamente, la mayoría de nosotros nunca nos tomamos el tiempo para hacer una pausa y realmente meditar sobre los preceptos morales que conciente o inconcientemente rigen nuestras vidas.

La siguiente "docena diaria" constituyó el credo personal de Robert Louis Stevenson:

- Decídete a ser feliz. Aprende a encontrar placer en las cosas sencillas.
- Sácale partido a las circunstancias. Nadie lo posee todo, y todos tenemos algo de pesar entremezclado con la alegría de vivir. El truco consiste en hacer que la risa pese más que las lágrimas.
- No te tomes demasiado en serio. No creas que por alguna razón debes estar protegido de las desventuras que otros sufren.
- No se puede complacer a todo el mundo. No dejes que las críticas te preocupen.
- No dejes que tus vecinos establezcan tus pautas. Sé tú mismo.
- Haz las cosas que disfrutas, pero sin endeudarte.
- No te busques problemas. Las dificultades imaginarias son más difíciles de cargar que las verdaderas.
- Ya que el odio envenena el espíritu, no cultives rencores. Evita a las personas que te hacen infeliz.
- Ten muchos intereses. Si no puedes viajar, lee sobre lugares interesantes.
- No hagas "velatorios". No te pases la vida rumiando penas y recordando errores. No seas de los que nunca se recupera de las cosas pasadas.
- Haz lo que puedas por los que son menos afortunados que tú.
- Manténte ocupado. Una persona ocupada nunca tiene tiempo para sentirse infeliz.

Sentido del Humor

Dos recolectores de impuestos fallecieron y llegaron a las puertas del cielo. Antes que ellos habían llegado dos curas, pero San Pedro los llevó a un lado e hizo pasar adelante sin demora a los recolectores de impuestos. "Porque ellos primero que nosotros?" preguntaron con sorpresa los curas. "Es que no hemos hecho lo posible para diseminar la buena nueva?" "Si," dijo San Pedro, "pero esos dos recolectores le metieron mucho más miedo a más gente que ustedes dos."

Carmen Sucre

STRI NEW BOOKLIST

Aphid-plant genotype interactions / [edited by] R.K. Campbell and R.D. Eikenbary.

SB945.A5A63 1990X STRI.

Biom mineralization cell biology and mineral deposition / Kenneth Simkiss, Karl M. Wilbur.

QH512.S58 1989X STRI.

Comparative ecology of microorganisms and macroorganisms / John H. Andrews.

QR100.A53 1991X STRI.

Fishes of the Sea of Japan and the adjacent areas of the Sea of Okhotsk and the Yellow Sea / G.U. Lindberg and Z.V. Krasnyukova; Bruce B. Collette, scientific editor.

QL623.53.L5613 1989X pt.4 STRI.

Forests elements of silvology / Roelof A.A. Oldeman.

QK938.F6037 1990X STRI.

A Geologic time scale 1989 / W. Brian Harland ... [et al.]

QE508.G3956 1990X STRI.

Global ecological consequences of the 1982-83 El Niño-Southern Oscillation / edited by P.W. Glynn.

QH541.5.O25G56 1990X STRI.

I could speak until tomorrow oriki, women and the past in a Yoruba town / Karin Barber.

DT515.45.Y67B23 1991 STRI.

Inositol metabolism in plants / editors, D. James Morr, Wendy F. Boss, Frank A. Loewus.

QK898.I55I56 1990X STRI.

International Whaling Commission. 36th-40th Report, 1986-1990.

SH381.I61 STRI.

The Last rain forests a world conservation atlas / edited by Mark Collins; foreword by David Attenborough.

QH541.5.R27L38 1990X STRI.

Managing protected areas in the tropics / compiled by John and Kathy MacKinnon, Graham Child and Jim Thorsell; International Union for the Conservation of Nature and Natural Resources and the United Nations Environment Programme.

QH75.M25 1986 STRI.

Perspectives in biochemical and genetic regulation of photosynthesis / editor, Israel Zelitch.

QK882.P473 1990X STRI.

Plant cell line selection procedures and applications / edited by Philip J. Dix.

QK725.P5545 1990X STRI.

Plant nutrition physiology and applications proceedings of the Eleventh International Plant Nutrition Colloquium, 30 July-4 August 1989, Wageningen, the Netherlands / edited by M.L. van Beusichem.

QK867.I423 1989X STRI.

Primate life history and evolution / editor, C. Jean DeRousseau.

GN281.P74 1990X STRI.

Process modeling of forest growth responses to environmental stress / edited by Robert K. Dixon ... [et al.].

SD396.P73 1990X STRI.

Register of American malacologists a national register of professional and amateur malacologists and private shell collectors, 1986-87 / edited by R. Tucker Abbott.

QL35.R44 1987X STRI.

The Role of scent glands in pollination on the structure and function of osmophores / Stefan Vogel; scientific editor, Susanne S. Renner.

QK655.V6413 1990X STRI.

Stress responses in plants adaptation and acclimation mechanisms / editors, Ruth G. Alscher, Jonathan R. Cumming.

QK754.S77 1990X STRI.

Symbiosis as a source of evolutionary innovation speciation and morphogenesis / edited by Lynn Margulis and Ren Fester.

QH548.S93 1991X STRI.

Tropical lichens their systematics, conservation, and ecology / edited by D.J. Galloway.

QK597.7.T76 1991X STRI.

From: 365 Ways to Save our Planet
• Page-a-Day Calendar •

Simple maintenance can help your air conditioning run much more efficiently. Use 10- or 20-weight oil to lubricate it; check the fan belt for wear and replace it if necessary. Check the filters monthly and clean them as needed. Keep the grille clear of weeds or shrubs

Happy Mother's Day to all STRI mothers!



*Feliz día de la madre a todas
las madres del STRI!*