

The Bean Bag

A newsletter to promote communication among research scientists concerned with the systematics of the Leguminosae/Fabaceae

Number 50

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From the Editor

Barbara Mackinder

The Bean Bag is designed to promote communication among research scientists concerned with legume systematics. To achieve this goal *The Bean Bag* is issued each year and features six columns: From the Editor, News (meetings, major events, announcements, etc.), Latin American Legume Report, Nodulation and Nitrogen Fixation (nothing to report this year after last years extensive contributions), Gleanings, and Recent Legume Literature. Data in the Gleanings column are derived from questionnaire sheets which Readers complete and return. If you have news about legume systematics, send it to us for this column. The Recent Legume Literature column contains published research papers of specific interest to *Bean Bag* Readers and is derived from Readers contributions in conjunction with references from *The Kew Record* (Kew's current awareness list of taxonomic literature). Recent is defined as up to 18 months old. Specific interest to *Bean Bag* Readers is defined as research papers of interest to a worldwide group of legume systematic botanists. *Bean Bag* Readers are encouraged to send notices, observations, etc.

Directory update: As this is a slender issue, a copy of *The Bean Bag* Directory of readers has been appended. Each entry comprises reader's name, address and where submitted email address and area(s) of interest. Please check your entry. If you wish to update your entry please contact the editor (preferably by email: B.mackinder@rbgkew.org.uk). It would be desirable to have at least one entry under "special interest" for every reader. Also, if you are aware that someone no longer working with legumes is included in the directory, please let the editor know so that the directory can be updated accordingly. Addresses of libraries who take *The Bean Bag* for their shelves have not been included in the appended directory.

The Bean Bag can be delivered to readers via e-mail. If you wish to have your copies e-mailed to you, please send an email message to the editor (email: B.mackinder@rbgkew.org.uk). Will new readers please provide their title, first and last names, full postal address and area(s) of interest.

Electronic copies of the current and past issues of *The Bean Bag* can be viewed on the World Wide Web server of the Royal Botanic Gardens, Kew, UK at <http://www.rbgkew.org.uk/herbarium/legumes/beanbag.html>

Bean Bag address:

**Mrs B. Mackinder, Bean Bag Editor, Herbarium, Royal Botanic Gardens, Kew,
Richmond, Surrey TW9 3AB, United Kingdom.**

email: b.mackinder@rbgkew.org.uk

NEWS

The Rupert Barneby Award

James L. Luteyn

The New York Botanical Garden is pleased to announce that Jason Alexander, currently at the Department of Botany & Plant Pathology, Oregon State University, is the recipient of the Rupert Barneby Award for the year 2003. Mr. Alexander will be studying the systematics of various species of *Astragalus* in the western United States.

The New York Botanical Garden now invites applications for the Rupert Barneby Award for the year 2004. The award of US\$ 1,000.00 is to assist researchers to visit The New York Botanical Garden to study the rich collection of Leguminosae. Anyone interested in applying for the award should submit their curriculum vitae, a detailed letter describing the project for which the award is sought, and the names of 2-3 referees. Travel to the NYBG should be planned for sometime in the year 2004. The application should be addressed to Dr. James L. Luteyn, Institute of Systematic Botany, The New York Botanical Garden, 200th Street and Kazimiroff Blvd., Bronx, NY 10458-5126 USA, and received no later than December 1, 2003. Announcement of the recipient will be made by December 15th.

Leucaena Genetic Resources Handbook available on the Web

Colin Hughes

At the Department of Plant Sciences, University of Oxford, UK, work is underway to convert Colin Hughes's *Leucaena* Genetic Resources Handbook into an e-book that will be available in English by June 2003 as well as Spanish at a later date. Once the conversion is complete the document will be found on the Oxford University Herbaria website <http://www.plants.ox.ac.uk>. [Hughes, C.E. 1998. *Leucaena*. A Genetic Resources Handbook. Tropical Forestry Paper 37: 1-274. Oxford].

LATIN AMERICAN LEGUME REPORT

V Reunión Satélite de Especialistas en Leguminosas (Fabaceae) Cartagena de Indias, Colombia, 13-18 de octubre de 2002

Renée H. Fortunato y Silvia T. Miotto

English Summary

The 5th satellite meeting of Latin America legume research was held in conjunction with the 8th Latin American Botanical Congress and the 2nd Colombian Botanical Congress, Cartagena de Indias, Colombia, 15 October 2002. The meeting was chaired by FORTUNATO, with MIOTTO acting as secretary. There were 26 participants, who discussed various legume topics including Rupert Barneby's Obituary (1911-2000) and a summary of The Fourth International Legume Conference, July 2001, Canberra, Australia presented by FORTUNATO.

A resume of the research was given for the following countries at the meeting: Argentina (represented by PALACIOS and FORTUNATO), Bolivia and Ecuador (represented by NEILL), Brazil (represented by MIOTTO) and Colombia (represented by FORERO and QUINONEZ).

The International Scientific Agencies and Foundations which facilitate cooperation and offer financial support to Latin America researchers especially those working on legumes gave a presentation.

The next satellite meeting on Legume Studies will be held during the 9th Latin American Botanical Congress, Dominican Republic in 2006. FORTUNATO has been invited to coordinate the next Latin American Legume Symposium by the Organizing Committee of the 9th Latin American Botanical Congress

Introducción

En el marco del VIII Congreso Latinoamericano de Botánica — II Congreso Colombiano de Botánica (Cartagena de Indias, Colombia) se efectuó la V Reunión Satélite de especialistas en Leguminosas el día 15 de octubre de 2002 (14,30-16 hs), continuando con la modalidad iniciada a partir de 1986 durante el IV Congreso Latinoamericano de Botánica (Medellín, Colombia). Esta reunión fue dedicada en homenaje a la memoria del Dr. Rupert Barneby (1911-2000).

Coordinación: Renée H. FORTUNATO. Secretaría Ejecutiva: Silvia T. MIOTTO

Participantes: 26 (Argentina — 2, Brasil — 1, Colombia — 17, Ecuador/USA — 1, México — 3, Venezuela — 2): María del Socorro Balcázar (balcazar@postmark.net), Luis A. Vidal Córdoba (vidalcol@latinmail.com), María Flores Cruz (mafc@xanum.uam.mx), Gabriel de la Cruz A. (gdelacruz@palmira.unal.edu.co), Amparo Echeverry G. (hamparo@yahoo.com), Enrique Forero (eforero@ciencias.unal.edu.co), Renée H. Fortunato (rfortun@cirn.inta.gov.ar), Carolina Romero Hernández (pepito-grillo@email.com), Heriberto David Higueta (heridavidhi@hotmail.com), Norka De Lima M. (norka11@hotmail.com), Angélica Alba López (albita@email.com), Silvia T. Miotto (stmiotto@bol.com.br), Carmenza Muñoz (johan@uniweb.net.co), David Neill (neill@ecnet.ec), Ramón Palacios (palacios@bg.fcen.uba.ar), Luz Mila Quiñonez M. (luzmila@col1.telecom.com.co; qluzmila@hotmail.com), F. Javier Roldán (jroldan@matematicas.udea.edu.co), Gina Rodriguez (ginamarchito@yahoo.es), J. Darío Rodríguez (holafulanito@yahoo.com), Liz Karen Ruiz (likarubo@yahoo.com), Sergio Andrés Lopera Tamayo (homoaguti@hotmail.com), Juan Carlos Granados-Tochoy (tochoy@latinmail.com), Leticia Torres-Colín (lety@ibiologia.unam.mx), Iselen Trujillo (itrujill@unesr.edu.ve), María Catalina Vélez E. (catavel@yubarta.univalle.edu.co), Pedro Zamora C. (pezamora@mail.uacam.mx).

Temario de la V Reunión:

Obituario: Rupert Barneby (1911-2000)

Nació el 6 de octubre de 1911 en Monmouthshire, Reino Unido, desde joven se interesó por las ciencias naturales y en 1941 se trasladó con residencia permanente a los Estados Unidos de América. El Dr. Barneby es considerado uno de los taxónomos más eminentes, o tal vez el más eminente del siglo XX que ha realizado numerosos aportes monográficos y florísticos de calidad en grupos complejos de Leguminosae (Fabaceae), Menispermaceae y Loganiaceae del Continente Americano (ha publicado más de 1900 taxa/comb. nuevas para la ciencia: W.R. Buck, 2001. An annotated list of the publications of Rupert Barneby. *Brittonia* 53: 41-57.). Falleció el martes 5 de diciembre de 2000 en New York, a la edad de 89 años, siendo Curador Emérito del Instituto de Botánica Sistemática del New York Botanical Garden (NYBG).

Como fuera señalado en la presentación del premio Asa Gray (1989): “*Rupert Barneby era un taxónomo de la taxonomía. No se podía pensar en otra persona en esta área de la ciencia del estilo G. Bentham para efectuar grandes contribuciones con tanta elegancia*”.

Específicamente en estudios de Leguminosae del Continente Americano cabe resaltar sus monografías en *Astragalus*, (1964, Norte América), la nueva caracterización de la Tribu Amorpheae (1977, *Dalea*, *Errazurizia*, *Psorothamnus* y *Marina*), el género *Mimosa* — Engler Silver Medal — International Association for Plant Taxonomy (1991, Neotrópico) y la más reciente y última contribución: *Calliandra*, (1998, endémico de las Américas); asimismo colaboró con B.A. Krukoff (*Erythrina*), H. S. Irwin (The American Cassiinae) y James Grimes (Acacieae e Ingeae). La participación conjunta con Grimes posibilitó la revisión más moderna y detallada de los géneros: *Abarema*, *Albizia*, *Enterolobium* et allies (1994), *Pithecellobium*, *Cojoba* y *Zygia* (1997) para el Neotrópico.

Rupert era un amante eterno y genuino apasionado de las plantas y muy especialmente de las Leguminosae: “*About the Legumes, They choose you, I don't think I choose them*” (The New York Times, 1992).

Resumen de la IV Conferencia Internacional de Leguminosae (The Fourth International Legume Conference), 2-6 de julio de 2001, Canberra, A.C.T., Australia:

Renée H. Fortunato

La Conferencia si bien fue de impacto en Sistemática (Caesalpinioideae-Mimosoideae-Papilionoideae) se incluyeron Simposios de Desarrollo y Morfología Estructural, Fitoquímica, Simbiosis, Interacción Planta/Animal, Utilidad y Bancos de Datos e información en páginas de utilidad para los especialistas en Leguminosae en Internet. Los resultados de lo presentado por los disertantes de los Simposios serán publicados en dos volúmenes como parte de la serie: *Advances in Legumes Systematics*. Vol. X editado por Royal Botanic Gardens, Kew (en prensa) y Vol. XI editado por CSIRO en una publicación especial del *Australian Systematics Botany* (en prensa) centrada únicamente en los estudios presentados sobre el género *Acacia* s.l.

Esta reunión internacional convocó a más de 140 participantes de diferentes países y en lo referente a la representación de especialistas residentes en Latinoamérica: 11 (México 6, Brasil 4 y Argentina 1).

El dominio de las presentaciones en taxonomía fue el análisis de la filogenia en distintos grupos y en especial con relación a la evaluación molecular, incluso en las hipótesis de interpretación de la radiación biogeográfica de las especies. Representantes de China ofertaron sus países para ser sede de la próxima Conferencia Internacional de Leguminosae, no obstante, en contactos posteriores, los especialistas de México estarían evaluando la posibilidad de organizar dicha reunión y si ninguna de las potenciales sedes mencionadas puede ejecutarla Pat Herendeen ha ofertado Washington. Por el momento no existe una fecha establecida para la próxima Conferencia, en un primer momento se citó la posibilidad del año 2004, pero ante la espera de reunir más resultados globales tal vez se proponga recién realizarla en 2006.

Post-Conferencia: El género *Acacia s. l.* presenta en Australia uno de los centros más importantes de diversidad, importancia que esta relacionada a la utilidad potencial en las regiones áridas y semiáridas de dicho país. Sobre esta base, entre el 8 y 12 de julio, se realizó un viaje Post-Congreso de reconocimiento de los diferentes grupos de especies a la región occidental de Australia (Perth — Dalwallinu); al finalizar el viaje fue factible participar del *Acacia Symposium* organizado en Dalwallinu: 13-14 de julio. Bruce Maslin (Dept. of Conservation and Land Management, Locked Bag 104, Bentley Deliver Centre, WA) estuvo a cargo de la coordinación del viaje Post-Congreso.

Con el objetivo de exponer a través de los delegados nacionales presentes el desarrollo de las investigaciones que se realizan en la Familia en América Latina se contó con la presentación de representantes de:

Colombia

Enrique Forero

Colombia es uno de los países Megadiversos, su plasticidad ecológica permite que presente centros de biodiversidad en diferentes tipos de hábitat con un alto impacto en el número de representantes de la Familia Leguminosae (Fabaceae), no obstante en la actualidad por la falta de apoyo a las ciencias básicas carece de recursos humanos formados. A través de los proyectos de Flora de Colombia y de su Checklist, en el Inst. de Ciencias Naturales se está dirigiendo la revisión del género *Inga* y capacitando a estudiantes para tener un conocimiento de sistemática general en la Familia.

Luz Mila Quinonez

En la Universidad de Los Llanos continua con los estudios en ejecución, especialmente en la Subfamilia Caesalpinioideae.

David Neill

Se encuentra a cargo del Catálogo de las Leguminosas del Departamento de Antioquia.

Brasil

Silvia T. Miotto

Ante la reciente decisión de asistencia a este evento no se fue posible realizar un contacto con los especialistas, no obstante se presenta en forma general un panorama resumido de los estudios que se están ejecutando de acuerdo a las 5 (cinco) regiones geográficas en que esta dividido Brasil:

- Región Norte:

Instituto Nacional de Pesquisas da Amazônia (INPA), grupo coordinado por Marlene de Freitas.

- Región Nordeste:

CEPLAC/Ilhéus, Bahia, André Carvalho¹: Tribu Dalbergieae

Universidade Estadual de Feira de Santana, Bahia, Luciano Paganucci de Queiroz: Tribu Phaseoleae, coordinación de la Familia Leguminosae para la novel Flora del Estado de Bahia.

- Región Centro-Oeste:

Si bien no se posee información recientemente se ha iniciado la Flora del Distrito Federal.

EMBRAPA de Campo Grande, Mato Grosso do Sul, Angela Sartori: Relevamiento de la Tribu Phaseoleae.

- Región Sudeste:

Universidade Estadual de Campinas (UNICAMP), Campinas, São Paulo, Ana Maria Goulart de Azevedo Tozzi:

Especialmente en la Subfamilia Papilionoideae y coordinación de la familia Leguminosae para la Flora Fanerogámica do Estado de São Paulo (próxima aparición). La flora contó con la participación de investigadores brasileños, extranjeros y varios alumnos de Maestría y Doctorado.

Escola Superior de Agricultura Luiz de Queiroz (ESALQ), Piracicaba, São Paulo, Vinícius Costra Souza: Caesalpinioideae, principalmente *Senna* y *Chamaecrista*.

Jardim Botânico do Rio de Janeiro: Haroldo de Lima: Tribu Dalbergieae, estudios florísticos y fitosociológicos. Marli Pires Morim: Tesis Doctoral de próxima finalización "Morfología de Frutos y Semillas de Mimosoideae". Ângela Fonseca Vaz: *Bauhinia*, Doctorado reciente en UNICAMP.

Univeridade Federal de Viçosa, Minas Gerais, Flavia Garcia: *Inga*.

Instituto Brasileiro de Geografia e Estatística (IBGE), Reserva Ecológica, Brasilia, posee un convenio con el Jardim Botânico do Rio de Janeiro.

- Región Sur:

Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Silvia T. Miotto, actualmente en la Subfamilia Caesalpinioideae para Flora Catarinense y en particular *Senna* y *Chamaecrista* para la Región Sur de Brasil.

Universidade Federal de Santa Maria (UFSM), Marcos Sobral & José Newton Cardoso Marchiori: *Mimosa* para el Estado de

¹ Sadly Dr. André Carvalho died in 2002

Rio Grande do Sul.

Grupo de Especialistas Leguminólogos Brasileños (GELB): Con la iniciativa de organizar los estudios, identificar a los especialistas y los proyectos en ejecución, hace unos años se creó el GELB; este grupo fue coordinado por Lidio Coradin (CENARGEN/EMBRAPA), y tenía como uno de sus objetivos principales realizar un Catálogo: Checklist de las Leguminosas del Brasil. El GELB organizó Reuniones Satélites durante algunos años en el seno de los Congresos Nacionales de la Sociedad de Botánica del Brasil (SBB), no obstante, este ambicioso proyecto sufrió las consecuencias de un número insuficiente de especialistas, aunado a la extensión del territorio del país y a una falta de articulación entre los investigadores. Esta carencia de resultados consistentes y organizados fue desarticulando al grupo. Actualmente, pasados más de 5 años de la desaparición del GELB, se está pensando nuevamente en la necesidad de retomar la iniciativa de este tipo de Organización, por tal motivo en el próximo Congreso Nacional de Botánica, Belem, Pará, julio/2003 se ha estructurado efectuar nuevamente una Reunión Satélite con la participación de los especialistas de Leguminosas del Brasil.

Ecuador

David Neill

Fue realizado en colaboración con Bente Klitgaard (BM), Gwilym Lewis (K), James Zarucchi (MO) y David Seigler (ILL) el Catálogo de las especies descritas para el país (P. Jørgensen & S. León-Yáñez, 1999. Catalogue of the Vascular Plants of Ecuador, Monographs in Systematic Botany from the Missouri Botanical Garden 75: 368-374, 468-484, 591-601). Asimismo a través de un proyecto financiado por 5 (cinco) años, Colin Hughes (Dept. of Plant Sciences, University of Oxford, Oxford, Reino Unido) está realizando la revisión biosistemática del género *Lupinus*. La actividad que se efectúa en el país también incluye revisiones florísticas, conservación y programas de manejo de curatoría.

Bolivia: Catálogo de las Plantas Vasculares: Se ha iniciado este proyecto a través de la colaboración conjunta de las Instituciones Nacionales y del Missouri Botanical Garden. D. Neill está encargado de la coordinación de la Familia Leguminosas, contando con la colaboración de especialistas del Royal Botanic Gardens, Kew, en especial Gwilym Lewis y Lourdes Rico-Arce. Rico-Arce se trasladará próximamente a Bolivia para realizar la revisión del género *Acacia*. Se hace mención que por intermedio del incentivo creado después de un curso de Post-Grado dictado en 13-20/5/1996 (Renée H. Fortunato: *Avances en el conocimiento sistemático en Leguminosas (Fabaceae)*. Instituto de Ecología-GTZ, Universidad Mayor de San Andrés, La Paz) Lourdes Vargas está realizando la repatriación de los datos - copias fotográficas e información de tipos y material clásico - presentes en los herbarios del Reino Unido para su envío al herbario de la Universidad (LPB).

Argentina

Renée H. Fortunato

- Catálogo de Plantas Vasculares de Argentina:

Este proyecto ha permitido la colaboración conjunta de los especialistas de Leguminosas del país. Los taxones fueron revisados críticamente sobre la base de bibliografía y ejemplares de herbario. Hasta 1999 la información registrada en el Catálogo fue de 113 géneros y 732 especies (VER: Zuloaga, F.O. & O. Morrone, 1999. Catálogo de las Plantas Vasculares de la Argentina II: Fabaceae-Zygophyllaceae (Dicotyledoneae). *Monographs in Systematic Botany from the Missouri Botanical Garden* 74: 623-744. Missouri Botanical Garden Press, St. Louis, USA.). Con el objetivo de realizar un nuevo Catálogo que incluya las especies de Sudamérica Austral, actualmente se continúa incorporando los nuevos aportes taxonómicos publicados en la base de datos IRIS. Esta base de datos fue desarrollada por Daniel Rodríguez en el Inst. de Botánica Darwinion (IBODA).

- Proyectos Florísticos:

Programa Flora Fanerogámica Argentina (IMBIV-CONICET) desde su inicio en 1995 hasta la actualidad se han publicado los siguientes grupos:

Caesalpinioideae. Tribu I Caesalpinieae, Tribu II Cassieae: Subtribu Dialiinae (*Apuleia*), Tribu III Cercideae.

Mimosoideae. Tribu V Mimozygantheae, Tribu VI Mimoseae, parte A: *Anadenanthera*, *Piptadenia*, *Parapiptadenia*, Tribu VII Acacieae

Papilionoideae. Tribu IX Sophoreae, Tribu XI Millettieae, Tribu XII Robinieae, Tribu XIII Indigoferae, Tribu XV Phaseoleae; Subtribu Phaseolineae, Tribu XVI Psoraleae, Tribu XVII Amorpheae, Tribu XXI Loteae, Tribu XXII Coronilleae
Total de especies publicadas en este Programa: 135.

Programa Floras Regionales: Además de las contribuciones ya publicadas: En Flora Patagónica (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* 8 (4b): 89-297. 1984) y Flora Ilustrada de Entre Ríos (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* 6 (3ª): 442-743. 1987), se encuentran en ejecución y en recepción de manuscritos los proyectos Flora Chaqueña (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* CIRN-IRB, realizado y coordinado en el Inst. de Recursos Biológicos, INTA, Castelar) y Flora de Jujuy (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* 12, realizado y coordinado en el Inst. de Botánica, Darwinion).

- Grupos de Especialistas en Taxonomía:

Departamento de Biodiversidad, Facultad de Ciencias Exactas y Naturales, UBA.

Facultad de Ciencias Agropecuarias, Universidad Nacional de Córdoba, Córdoba.

Instituto de Botánica Darwinion (IBODA), San Isidro, Buenos Aires.

Instituto de Botánica del Nordeste (IBONE), Corrientes.

Instituto de Recursos Biológicos, CRN, INTA, Castelar, Buenos Aires.

Ramón A. Palacios

Resumen de la conservación que se está implementando en el Banco de Germoplasma del género *Prosopis* en la Argentina y de la evaluación que se está realizando a campo de este género, especialmente en poblaciones presentes en México, Perú y Bolivia.

Biología Floral: Ejecución y dirección de 3 (tres) tesis de Doctorales.

Informe sobre las posibilidades de colaboración entre especialistas en América Latina:

- MERCOSUR, Cooperación Científica y Tecnológica Argentina (CONICET) –Brasil (CNPQ): llamado a presentaciones para visitas de expertos y becas doctorales y postdoctorales en sus modalidades de residencia continua y con intercambio de sede (beca "sandwich") en ambos países. Para informaciones remitirse directamente a http://www.cnpq.br/servicos/editais/ct/prosul_006.htm y Central de Atención de Cooperación Internacional: e-mail: prosul.ascin@cnpq.br
- Convenios de Ciencia y Técnica entre los países del Pacto Andino.
- Formación de Recursos Humanos a través de la Red Latinoamericana de Botánica.
- Sitios de Ciencia y Técnica Internacional en Latinoamérica:

Argentina: - Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), <http://www.conicet.gov.ar/>. - Agencia Nacional Científica y Tecnológica, <http://www.agencia.secyt.gov.ar/>

Bolivia: Consejo Nacional de Ciencia y Tecnología. (CONACYT). <http://www.conacyt.gov.bo/>

Brasil: Conselho Nacional de Desenvolvimento Científico e Tecnológico. (CNPq). <http://www.cnpq.br/>

Chile: Comisión Nacional de Investigación Científica y Tecnológica. CONICYT. <http://www.conicyt.cl/>

Colombia: Instituto Colombiano para el Desarrollo de la Ciencia y la Tecnología. (COLCIENCIAS). <http://www.colciencias.gov.co/>

Costa Rica: Ministerio de Ciencia y Tecnología. <http://www.micit.go.cr/>

Cuba: Ministerio de Ciencia, Tecnología y Medio Ambiente. CITMA. <http://canada1.cuba.cu/ciencia/>

Ecuador: Secretaría Nacional de Ciencia y Tecnología (Fundacyt). <http://www.fundacyt.org/>

El Salvador: Consejo Nacional de Ciencia y Tecnología. (CONACYT). <http://www.conacyt.gob.sv/>

Guatemala: Consejo Nacional de Ciencia y Tecnología. (CONCYT). <http://www.concyt.gob.gt/>

Honduras: Consejo Hondureño de Ciencia y Tecnología (COHCIT). <http://www.cohcit.gob.hn/>

México: Consejo Nacional de Ciencia y Tecnología. (CONACYT). <http://www.conacyt.mx/>

Nicaragua: Ministerio de Economía y Desarrollo. Dirección de Tecnología, Normalización y Metrología. <http://www.mific.gob.ni/>

Panamá: Secretaría Nacional de Ciencia, Tecnología e Innovación (SENACYT). <http://www.senacyt.gob.pa/>

Paraguay: Instituto Nacional de Tecnología y Normalización (INTN). <http://www.intn.gov.py/>

Perú: Consejo Nacional de Ciencia y Tecnología. (CONCYTEC). <http://www.concytec.gob.pe/>

República Dominicana: Ministerio De Educación Superior Ciencia y Tecnología. <http://www.cones.gov.do/>

Uruguay: Consejo Nacional de Investigaciones Científicas y Técnicas (CONICYT, Uruguay). <http://www.conicyt.gub.uy/>

Venezuela: Consejo Nacional de Investigaciones Científicas y Tecnológicas. (CONICIT). <http://www.conicit.gov.ve/>

The Third World Academy of Sciences (TWAS) <http://www.ictp.trieste.it/%7Etwas/>

International Foundation for Science (IFS). <http://www.ifs.se/>

• **Discusión y Conclusiones:**

A través del llamado auspiciado por el MERCOSUR se iniciaran presentaciones entre investigadores de la Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brasil/Instituto de Recursos Biológicos, INTA, Castelar, Prov. Buenos Aires, Argentina.

- *The Bean Bag*, por medio del espacio existente en este periódico de divulgación se auspicia a los especialistas de la región que intensifiquen el intercambio de información referente a los estudios en realización en las diferentes áreas de la Familia. <http://www.rbgekew.org.uk/herbarium/legumes/beanbag.html>

- *The Rupert Barneby Award*: se informa del llamado de beca anual realizado por el New York Botanical Garden. Contactar al Dr. James L. Luteyn, Institute of Systematic Botany, The New York Botanical Garden, Bronx, NY 10458-5126 USA jluteyn@nybg.org

- Missouri Botanical Garden (David Neill, Curador encargado de las colecciones de Leguminosas): a.- ofrece a los especialistas duplicados en canje por identificación de + de 10.000 ejemplares del Neotrópico. b.- informa a los que posean distintos proyectos taxonómicos de la posibilidad de realizar becas de estadías cortas (1-2-3 meses) para la revisión de material de herbario. c.- TROPICOS: el acceso a la información de los ejemplares de herbario determinados incluida en el Banco de Datos está disponible para los investigadores interesados.

- Se aprobó realizar la VI Reunión Satélite en el IX Congreso Latinoamericano de Botánica en República Dominicana, 2006. - Los representantes del próximo Congreso Latinoamericano de Botánica, República Dominicana, 2006, han invitado a René Fortunato a organizar el II Simposio de Leguminosae (Fabaceae).

GLEANINGS

Ed. Note: Names in all capital letters are *Bean Bag* Readers. Their full names and addresses are listed in the *Bean Bag* Directory ~~and are~~ appended to this issue.

ABRIL published *Mesorhizobium chacoense* sp. nov., a novel species that nodulates *Prosopis alba* in the Chaco Arido region (Argentina). See International Journal of Systematic and Evolutionary Microbiology 51: 1011–1021. He is currently working on native Argentine legumes and needs help identifying *Rhizobia* material from Argentina. He can offer *Rhizobia* strains from Argentina. Email address aabril@agro.uncor.edu

AKOTOYE needs legume research material and offers seeds of legumes from Ghana. Email address hakotoye@yahoo.com

BEYRA-MATOS continues to work on “Hotspot Diversity” in the Caribbean: the influence of Tertiary history and Islands in the storm: biodiversity, natural disturbance and conservation in the Caribbean. Email address: abeyraes@yahoo.com.mx

PLANCHUELO directs an Economic Botany project that combines studies in seed anatomy and morphology of crop legumes with taxonomic studies of wild species. She would like herbarium specimens of *Lupinus* and *Crotalaria* in exchange for herbarium specimens of legumes from Central Argentina. Email address: planch@crean.agro.uncor.edu.

RECENT LEGUME LITERATURE

Ed. Note: Every effort has been made to ensure authors' names are correctly cited but please notify the editor if your name is misspelled. Authors names in all capital letters are *Bean Bag* Readers. Their full names and addresses are listed in the *Bean Bag* Directory appended to this issue. All correspondence should be addressed directly to them.

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- Zhu, X.Y. and H. Ohashi 2002. A new recorded species to flora of Tibet. *Bull. Bot. Res. (China)* 22(1): 6-7

BEANBAG DIRECTORY

Dr. Mai Abdalla Ali
Gezira University
Center of Plant Pathology
P.O. box 20
Wadmedani
Sudan
Email: maiadil@yahoo.com
Bean virology

Dr. Adriana B. Abril
Microbiol. Agro.
Dpt. Recursos Naturales
Facultad de Ciencias Agropecuarias
Univ. Nacionale de Cordoba
Cordoba
Argentina
Email: aabril@agro.uncor.edu
Rhizobia

Dr. Juan Ramon Acebes-Ginoves
Dept. de Biol. Vegetal. (Botánica)
Fac. Farm., Universidad de la Laguna
38271 La Laguna. Tenerife
Islas Canarias
Spain
Email: jacebes@ull.es
Leguminosae (Canary Islands)

Dr. Frits Adema
Rijksherbarium/Hortus Botanicus
P.O. Box 9514
2300 RA Leiden
The Netherlands
Email: adema@rulrhb.leidenuniv.nl
Millettieae (Flora Malesiana)

Akinnibosun Henry Adewale
University of Benin
Faculty of Science
Botany Department
P.M.B. 1154
Benin City
Nigeria.
Email: akin@uniben.edu

Dr. Abril Adriana B.
Microbiologia Agricola
Dept. Recursos Naturales
Facultad de Ciencias Agropecuarias
Univ. Nac. De Cordoba
Cordoba
Argentina
Email: aabril@agro.uncor.edu
Rhizobia

Prof. Norma O. Aguilar
Plant Biology Division
IBS CAS
UP Los Baños College
Laguna 4031
Philippines
Email: noa@mudspringuplb.edu.ph
Systematics
Nodulation
Morphology/anatomy
Nomenclature

Abdel - kader Ainouche
Univ. de Rennes1
UMR/CNRS-6553
Botany: Biosyst. & Genet. des Popul.
Campus Scient. de Beaulieu, Bat.14
35042 Rennes cedex
France
Email: Kader.Ainouche@univ-rennes1.fr
Systematics and evolution
Lupinus
Ulex

Dr. Sci. Shinobu Akiyama
Department of Botany
National Science Museum
Amakubo 4-1-1
Tsukuba 305 - 0005
Japan
Lespedeza

Prof. Hugh Komra Akotoye
Botany Department
University of Cape Coast
Cape Coast
Ghana
Email: hakotoye@yahoo.com
Leguminosae (Nigeria - protein content)
Leguminosae (Nigeria - genetic variability)

Dr. José Maria de Albuquerque
Caixa Postal, 716
66,017-970 Belém
Pará
Brazil
Leguminosae (medicinal plants)
Leguminosae (seed identification)
Leguminosae (seed germination)

Gerry Allan
 Rancho Santa Ana Botanic Garden Library
 1500 North College Ave.
 Claremont
 California
 91711
 USA
 Email: Gerry.Allan@cgu.edu
 Lotus sect. *Syrmatium*

Eng. Jos Luis Alonso
 Calle 2 esq. 1
 Santiago de las Vegas
 Ciudad de La Habana
 Cuba
 Email: inifat@ceniai.inf.cu
 Plant documentation systems

Ing. Reynaldo Alonso-Reyes
 Apartado postal 284
 Camagüey 1
 70100
 Cuba
 Email: gpimn@finlay.sld.cu
 Leguminosae (*Rhizobium*)

Lic. María T. Amela García
 Lab. 11, Depto. Cs. Biológicas
 Pab. II, Ciudad Universitaria
 1428 Bs. As.
 Argentina
 Email: amela@biolo.bg.fcen.uba.ar
Macroptilium (floral biology)
Phaseolus (floral biology)
Prosopis (floral biology)
Prosopis caldenia (floral biology)
Prosopis humilis (floral biology)

Dr. Fadila Amrani
 USTHB
 Lab. De Biologie du Sol
 Inst. Des Sciences de la Nature
 Bp 32 El Alia - Bab Ezzouar
 Algiers
 Alger
 16111
 Algeria
 Email: famrani@caramail.com
Rhizobium-legumes symbiosis
Rhizobium-legumes coevolution
Rhizobium taxonomy and diversity

Dr. Said Amrani
 Laboratoire de Biologie du Sol
 Facult des Sciences Biologiques
 USTHB BP 32 El Alia
 Bab Ezzouar
 Alger
 16111
 Algeria
 Email: said_amrani@yahoo.com
 Legumes taxonomy
Rhizobium-legumes symbiosis
 nitrogen fixation
 Sustainable and ecological agriculture

Dr. Srinivasan Ancha
 Regional Science Institute
 4-13, Kita 24 Nishi 2
 Kita-Ku
 Sapporo 001
 Japan
 Email: anchasrinivasan@mail3000.com
 Leguminosae (heat tolerance)
Glycine max (yield variation)
Vigna angularis (yield variation)

Steve Antonius
 Research Director/Branch Manager
 3058 Hwy 45
 Ordbend
 California
 95943
 USA
 Email: SAntonius@aol.com
 Plant breeder

Dr. Oleg V. Anulov
 10-2-85
 Ul. Vvedenskogo
 117342 Moscow
 Russia
 Email: inbio@glas.apc.org
 Chemotaxonomy & evolution of Galegeae

Ing. Agr. Ana Maria Arambarri
 Catedra de Botanica, U.N.L.P.
 Calle 60 y 118 - C.C.3 1
 C.P. 1900
 La Plata
 Buenos Aires
 Argentina
 Email: amaramba@isis.unlp.edu.ar
 Lotus
 Lotus (cladistics using seeds)
 Lotus subgen. *Syrmatium* (seed vasculature)
 Lotus subgen. *Hosackia* (Seed Vasculature)

Dr. Marcelino J. Del Arco-Aguilar
 Dpto. Biología Vegetal (Botánica)
 Universidad de la Laguna
 38071 La Laguna, Tenerife
 Islas Canarias
 Spain
 Leguminosae (ecology)
 Leguminosae (taxonomy)

Siti Roosita Ariati
 School of Botany
 The University Of Melbourne
 Parkville
 Victoria
 VIC 3010
 Australia
 Email: s.ariati@pgrad.unimelb.edu.au
 Acacia sect. Botrycephalae; phylogeny and
 biogeography

Dr. James Aronson
 CEFE, CNRS
 B.P. 5051
 34033 Montpellier
 France
 Email: aronson@cefe.cnrs-mop.fr
 Desert legume trees
 Acacia caven (nutrient cycling)
 Acacia ser. Gummiferae (South America)
 Leguminosae (nitrogen-fixing, South America)

Dr. Jess Eduardo Arroyo-Valencia
 Calle 39 # 39 A 06
 Palmira
 Valle del Cauca
 57
 Colombia
 Email: valeria16465@uniweb.net.co
 Galactia

Mr. Syed Mohammad Awais
 P.O. Box 22181
 Riyadh
 11495
 Saudi Arabia
 Email: awais118@yahoo.com
 Agricultural analyses

Bernal Baltasar
 Fnd. Vapores del Magdalena
 Colombia
 Email: sermi@emtelsa.multi.net.co

Subir Bandyopadhyay
 23F, Fern Road
 Kolkata
 700019
 India
 Bauhinia

Miss Hannah Banks
 Palynology Unit
 Royal Botanic Gardens Kew
 Richmond
 Surrey
 TW9 3AE
 United Kingdom
 Email: H.Banks@rbgkew.org.uk
 Legume pollen

Dr. Nigel Barker
 Dept. Botany
 Rhodes University
 Grahamstown
 6140
 Republic of South Africa
 Email: barker@rrobot.ru.ac.za
 Indigofereae (molecular systematics)

Mr. R. Mitchel Beauchamp
 1434 East 24th Street
 National City
 California
 91950-6010
 USA
 Email: psbaba@powergrid.electriciti.com
 Leguminosae (horticulture in Southern California
 Med. Climate)

Dr. Sarita Bennett
 Centre for Legumes in Mediterr. Agr.
 University of Western Australia
 Nedlands
 Western Australia 6907
 Australia
 Email: sarita@cyllene.uwa.edu.au
 Leguminosae (ecogeography)
 Leguminosae (GIS)
 Lathyrus (ecogeography)
 Medicago (ecogeography)
 Trifolium glomeratum (population biology)
 Vicia (Ecogeography)

Dr. Angela Beyra-Matos
 Cent. De Inv de Medio Ambiente de Camag
 Min. de Cienc., Tech. y Medio Ambiente
 Cisneros 105 (altos)
 entre Pobres y Angel
 Camagüey
 C.P. 70100
 Cuba
 Email: abeyraes@yahoo.com.mx
 Aeschynomeneae (Cuba)
 Caribbean legume biogeography
 Crotalaria (foliar anatomy)
 Brya (phylogenetics and biogeography)
 Desmodieae (Cuba)
 Robinieae (foliar epidermis)
 Sophoreae (foliar epidermis)

Dr. Frank A. Bisby
 Department of Botany
 School of Plant Sciences
 University of Reading, PO Box 221
 Reading
 RG6 6AS
 United Kingdom
 Email: F.A.Bisby@reading.ac.uk
 Leguminosae databases
 Leguminosae (genetic resources)
 Leguminosae (ILDIS)
 Genisteae
 Viciae

Dr. Bruno Bordenave
 62 rue Botzaris
 Paris
 F-75019
 France
 Email: bruno.bordenave@wanadoo.fr
 Neotropical botany
 Biodiversity measurements
 Plant conservation
 Tropical forest ecology

Dr. Andreas Borner
 Dipl. biol. Diederichsen, Axel
 Inst. Pl. Gen. & Crop Pl. Res.
 D-06466 Gatersleben
 Germany

Dr. Roseli Lopes da Costa Bortoluzzi
 Rua Washington Luis, 474/204
 Centro
 CEP 90010 - 460
 Porto Alegre
 Rio Grande do Sul
 Brasil
 Email: rosebortoluzzi@mailbr.com.br
 Papilionoideae of Parq Estadual (MG Brazil)
 Caesalpinioideae of Santa Catarina (Reg. Sud.
 Brazil)

Mr. David Brenner
 Plant Introduction Station
 Iowa State University
 Ames
 Iowa
 50011
 USA
 Email: nc7db@ars-grin.gov
 Coronilla (germplasm)
 Dalea (germplasm)
 Galegeae (germplasm)
 Melilotus (germplasm)

Dr. F. J. Breteler
 Herbarium Vadense
 P.O. Box 8010
 6700ED Wageningen
 The Netherlands
 Detarieae
 Macrolobieae

Ing. Agr. María Magdalena Brizuela
 Lab. y Herbario de Plantas Vasculares
 Ciencias Biológicas
 Ciudad Univ. II Pabellón 4° Piso
 (1428) Buenos Aires
 Argentina
 Email: brizuela@spvasc.uba.ar
 Centrosema (floral biology)
 Prosopis (Argentina)
 Prosopis (Chile)
 Vigna adenantha (floral biology)

Mr. John Brockwell
 CSIRO Division of Plant Industry
 G.P.O. Box 1600
 Canberra, A.C.T. 2601
 Australia
 Email: brockwel@dynamite.om.au
 Leguminosae (nitrogen fixation)
 Medicago lacinata (geography, taxonomy and
 Rhizobium)

Dr. Anne Bruneau
 Institut de recherche en biologie vég.
 Universit de Montreal
 4101, rue Sherbrooke est
 Montréal
 Québec
 H1X 2B2
 Canada
 Email: bruneau@irbv.umontreal.ca
 Caesalpinioideae phylogeny
 Detarieae systematics
 Apios
 Erythrina

Dr. Jose Bruno
 Calle 523 N 2262
 La Plata
 Buenos Aires
 Argentina
 Email: jbruno@netverk.com.ar
 Plant breeding

Prof. Marta A. Caccavari
Mus. Arg. Cien. Nat. "B. Rivadavia"
Av. Angel Gallardo 470
CC 220
C.P. 1405
Buenos Aires
Argentina
Email: martalic@muanbe.gov.ar
Mimosa (pollen development)
Mimoseae (pollen, South America)
Piptadenia Group (morphology and structure)
Stryphnodendron (pollen)

Dr. James Cane
Department of Entomology
Auburn University
Auburn
Alabama
36849
USA
Email: jcane@ag.auburn.edu
Lespedeza (pollination)

Dr. Paul Cannon
International Mycological Institute
Bakeham Lane, Egham
Surrey
TW20 9TY
United Kingdom
Email: p.cannon@cabi.org
Acacia (Fungi)
Leguminosae (Fungi, Phyllachoraceae)

Dr. Lourdes Cardenas
Instituto de Botanica Agricola.
Facultad de Agronomia
Univ. de Central de Venezueal
El Limon
Maracay 2101 Aragua
Venezuela

Léa Maria de M. Carreira
Depto. de Bot., Mus. Paraen. E. Goeldi
Avenida Magalh es Barata 376
Caixa Postal 399
66.000 Belém, Pará
Brasil
Leguminosae (palynology)
Caesalpiniaceae (Brazilian Amazon)

Dr Servio Tulio Cassini
Dept. Microbiology UFV
Univ. Federal Viosa
Viosa
MG
36570-000
Brasil
Email: scassini@mail.ufv.br
Phaseolus nodulation
Rhizobial diversity
inoculation

M. Lilian Ceballos
CEFE, CNRS
1919 Route de Mende
34293 Montpellier cedex 5
France
Email: Ceballos@cefe.cnrs-mop.fr
Phytochemistry (Papilionoideae)

Dr Vânia Ceccatto
Universidade Federal do Ceará
Centro de Ciências - Campus do PICI
Lab. de Citogen. e Gen. molecular
Departamento de Biologia
Fortaleza
CEARÁ
Brazil
Email: ceccatto@hotmail.com
Nodulation
Nitrogen fixation
Nodulins
Lectins
Tissue culture
Molecular biology
Biochemistry

Dr. Jenny Chappill
Department of Botany
University of Western Australia
Nedlands 6907, W.A.
Australia
Email: chappill@uniwa.uwa.edu.au
Leguminosae (tribal phylogenetics)
Jacksonia (tribe Mirbelieae)

Prof. Cheih (Jie) Chen
Kunming Institute of Botany
Academy of Sciences of China
Kunming
Yunnan 650204
People's Republic of China
Email: szk@ms.kmb.ac.cn
Euchresta
Leguminosae (seeds of Yunnan)
Leguminosae (Yunnan)
Papilionaceae (Yunnan)

Prof. Byoung-Hee Choi
Department of Biology
INHA University
253, Yonghyun-Dong
Nam-Ku
Inhon 402-751
Korea
Email: geniusgirl2@hanmail.net
Desmodium (Korea)
Hedysarum (molecular systematics)
Indigofera (Korea)
Indigofera kirilowii (Biosystematics)
Vicia unijuga (biosystematics)

Dr. Youngjae Chung
Department of Biology
Seo Nam University
Namwon 590-711
Korea
Email: chyhome@chollian.net
Sophoreae (pollen morphology)

Ruth Clark
Herbarium
Royal Botanic Gardens
Kew
Richmond
Surrey
United Kingdom
Email: R.clark@rbgkew.org.uk
Herbarium collection management
Sarcodum

Dr. Nancy C. Coile
Fl. Dept. Agriculture & Consumer Serv.
Division of Plant Industry, PIHG
P.O. Box 147100
Gainesville
Florida
32614-7100
USA
Email: coilen@doacs.state.fl.us

Prof. Daniel Combes
I.B.E.A.S., Campus Universitaire
Avenue de l'Universite
Pau
F-64-000
France
Email: combdelb@univ-pau.fr
Lathyrus

Jos Luis Contreras-Jimnez
Herbario BUAP
Edif. 76
Unidad de Ciencias
Cd. Universitaria
Puebla
72590
Mexico
Email: jlcontre@siu.cen.buap.mx
Mexican Caesalpinia
Leguminosae of Puebla and Guerrero State, Mexico
Floristics
Caesalpinia sec. Brasilettia

Dr. Harold D. L. Corby
60 Healey Court
Coten End
Warwick
CV 34 4 XP
United Kingdom
Leguminosae (root nodules)

Lazara Cordeiro
Inst. Bioci., Univ. Est. Paulista
J. de Mesquita Filho
Cx. Postal 178
Rio Claro, São Paulo
Brasil
Email: lazarac@rc.unesp.br
Tipuana Tipu (nodulation & nitrogen fixation)

Dr. Michael Crisp
Div. Bot. & Zool., School of Life Sci.
The Australian National University
Canberra ACT 0200
Australia
Email: Mike.crisp@anu.edu.au
Leguminosae (tribal relationships)
Bossiaeeae
Brongniartieae
Mirbelieae

Dr. Jess Axayacatl Cuevas-Snchez
Universidad Autnoma Chapingo
Departamento de Fitotecnica
Chapingo
Mexico State
56230
Mexico
Email: cuevasax@taurus1.chapingo.mx
Ethnobotany
Plant Evolution
Plant genetic resources conservation

Mihaly Czako
 Dept. Biol. Sciences
 Univ. of South Carolina
 700 Sumter Street
 Columbia
 South Carolina
 29208
 USA

Email: czako-mihaly@sc.edu
 Dalbergia (in vitro culture)
 Machaerium (in vitro culture)
 Dalbergieae (isoflavonoids)
 Dalbergieae (heartwood pigments)
 Dalbergieae (wood)

Dr. Sérgio Miana de Faria
 Centro Nac. Pesq. Biol. Solo, EMBRAPA
 Km. 47 Seropédica
 23.851 Rio de Janeiro, RJ
 Brasil

Leguminosae (nitrogen fixation)
 Leguminosae (nodulation)
 Leguminosae (nodule anatomy)

Dr. Ingrid de Kort
 Rijksherbarium/Hortus Botanicus
 Postbus 9514
 2300 RA Leiden
 The Netherlands
 Email: kort@rulrhb.leidenuniv.nl
 Mimosoideae of SE Asia (CD-ROM)
 Caesalpinioideae of SE ASia (CD-ROM)

Dr. Daniel Debouck
 Centro Intern. de Agricultura Tropical
 CIAT
 Apartado Aereo 6713
 Cali
 Colombia
 Phaseolus

Mrs. Monique Delbos
 LEM-IBEAS, Campus Universitaire
 Avenue de l'Universite
 64000 PAU
 France
 Email: combdelb@crisv1.univ-pau.fr
 Lathyrus

Dr. Alfonso Delgado Salinas
 Herbario Nacional
 Apdo. Postal 70-367
 Cd. Universitaria
 Coyoac n° 04510, D.F.
 Mexico
 Phaseolinae

Dr. Thomas Devine
 USDA/ARS/WSL
 Bldg. 001, Rm. 342, BARC-West
 10300 Baltimore Avenue
 Beltsville
 Maryland
 20705-2350
 USA

Email: tdevine@asrr.arsusda.gov
 Leguminosae (nitrogen fixation)

Sally Dillon
 Austr. Trop. Crops Genetic Res. Centre
 Biloela
 QDPL, Locked Mail Bag 1
 Biloela
 Queensland 4715
 Australia
 Email: dillons@dpi.qld.gov.au

Dr. Sami Doganlar
 Cornell Univ.
 Dept. of Plant Breeding
 246 Emerson Hall
 Ithaca
 New York
 14853
 USA
 Email: sd21@cornell.edu
 Plant breeding
 Molecular genetics

Prof. Elizabeth A. Dome
 Mus. Arg. Cien. Nat. "B. Rivadavia"
 Av. Angel Gallardo 470
 CC 220
 C.P. 1405
 Buenos Aires
 Argentina
 Email: edome@muanbe.gov.ar
 Mimosoideae (Pollen typification and structure, New World)

Mr Graham Donnelly
 Alan Fletcher Research Station
 Qld Dept of Natural Resources
 PO Box 36, Sherwood
 Queensland
 Australia
 Email: donnelg@citec.qld.gov.au
 Prosopis (biological control)
 Parkinsonia (biological control)
 Senna obtusifolia, S. tora (biological control)

Dr. Oscar Dorado Ramierz
 UAEM, CEAMISH
 Av. Universidad #1001, Col. Chamilpa
 Cuernavaca, Morelos, C.P. 62210
 Mexico
 Brongniartia
 Leguminosae (Tehuacan Valley, Mexico)
 Mimosoideae (Mexico)

Dr Soren Doygaard
 Rolighedsvej 21
 Botanical Section
 Frederiksberg C
 1958
 Denmark
 Email: sd@kvl.dk
 Sphenostylis (African yam bean)
 Vigna
 Malawi legumes

Dr. Jeff J. Doyle
 L. H. Bailey Hortorium
 Cornell University
 462 Mann Library
 Ithaca
 New York
 14853-0271
 USA
 Email: JJD5@cornella.cit.cornell.edu
 Leguminosae (molecular systematics)
 Glycininae
 Phaseoleae (molecular systematics)

Dra. Susana Inés Drewes
 Lab. y Herbario de Plantas Vasculares
 Ciencias Biológicas
 Ciudad Univ. II Pabellón 4º Piso
 (1428) Buenos Aires
 Argentina
 Email: drewes@biolo.bg.fcen.uba.ar
 Macroptilium (Argentina)

Marc Dubois
 Laboratoire d'Ecologie
 Faculté des Sci. Agron. de Gembloux
 2, Passage des Déportés
 5030 Gembloux
 Belgium
 Email: dubois@fsagx.ac.be
 Bauhinia

Thanga Durai
 Doctoral Research Fellow'
 Plant Molecular Systematics Lab.
 Department of Botany
 Sri Krishnadevaraya University
 Anantapur
 Andhra Pradesh'
 515003
 India
 Email: solodrf@usa.net.in
 Molecular systematics of wild relatives of crop plants
 Cultivated legumes of Eastern Ghats, India

Mr. Trevor Edwards
 Herbarium, Natal University
 P.O. Box 375
 Pietermaritzburg 3200
 Republic of South Africa
 Email: Edwards@botany.unp.ac.za
 Argyrolobium

Dr Noel Ellis
 John Innes Centre
 Norwich Research Park
 Colney
 Norwich
 NR4 7UJ
 United Kingdom
 Email: noel.ellis@bbsrc.ac.uk
 Nodulation and symbiosis

Dr. Dirk Enneking
 GENBANK
 Inst. Pflanz und Kulturpflanz.
 Gatersleben
 D-06466
 Germany
 Email: enneking@ipk-gatersleben.de
 Lathyrus (genetic resources)
 Vicia (genetic resources)
 Vicia (biological chemistry of Ttxins)
 Lupinus (bibliography)
 Hordeum vulgare (genetic resources documentation)

Shirley Espert
 Vascular Plants Laboratory
 University of Buenos Aires
 Argentina
 Email: shirley@bg.fcen.uba.ar
 Leguminosae (molecular systematics)

Dr. Vicente Espinosa-Hernandez
 Calle 5 de Mayo # 117 Colonia Zaragoza
 Texcoco
 Estado de Mexico
 Mexico
 Email: vespinos@colpos.colpos.mx
 Leguminosae (aluminium toxicity)
 Lupinus arboreus (competition and niche
 differentiation)

Dr. Eduardo Estrada
 Facultad de Ciencias Forestales
 Universidad Autónoma de Nuevo Len
 Linares
 Nuevo Len
 67700
 Mexico
 Email: aeduardoestrada@prodigy.net.mx
 Legume flora of northeastern Mexico
 Flora of the north of Mexico
 Vegetation studies by cluster analysis

Ing. Juan Estrada-Valle
 12 Cook Hall
 Dept. Agricultural Economics
 Michigan State University
 East Lansing, Michigan
 Michigan
 48824
 USA
 Email: estradav@msu.edu
 Phaseolus (production)
 Phaseolus (marketing)
 Pisum (production)
 Pisum (post-harvest management)
 Pisum (marketing)

Prof. J.M.O. Eze
 Faculty of Applied Natural Sciences
 Enugu State University of Sci. & Tech.
 PMB 01660, Independence layout
 ENUGU
 Nigeria
 Leguminosae (physiology)
 Parkia (physiology)
 Prosopis (physiology)

Dr. Paul R. Fantz
 KI-130, Dept. Hort. Sci. CALS
 North Carolina State University
 Box 7609
 Raleigh
 North Carolina
 27695-7609
 USA
 Email: paul_fantz@ncsu.edu
 Barbieria
 Centrosema
 Clitoria

M. Pakravan Fard
 PO Box 14515 -794
 Tehran
 Iran
 Astragalus (karyotypes)

Dr. Simone Farrer
 CSIRO Publishing
 150 Oxford Street
 Collingwood
 Victoria
 3066
 Australia
 Email: simone.farrer@csiro.au
 Managing Editor of Australian Journal of Botany
 Managing Editor of Australian Systematic Botany

Dr. Osvaldo A. Fernandez
 CERZOS
 Univ. Nacional del Sur
 8000 Bahia Blanca
 Argentina
 Email: Ofernan@criba.edu.ar

Andréia Silva Flores
 Rua Uruguai, 609
 Canoas
 Rio Grande do Sul
 92420-340
 Brazil
 Email: Aflores@botanica.ufrgs.br
 Crotalaria (southern Brazil)

Dr. Enrique Forero
 Instituto de Ciencias Naturales
 Universidad Nacional
 Apartado 7495
 Santafé de Bogotá, D.C.
 Colombia
 Email: eforero@ciencias.ciencias.unal.edu.co
 Mimosoideae (Colombia)
 Inga section Pseudinga
 Inga section Bourgonia
 Erythrina (Colombia)

Mr. Felix Forest
 Molecular Systematics Unit
 Royal Botanic Gardens Kew
 Richmond
 Surrey
 TW9 3AE
 United Kingdom
 Email: F.Forest@rbgkew.org.uk
 Phylogenetics

Dr. René H. Fortunato
 Instituto de Recursos Biológicos
 1712 Castelar
 Prov. de Buenos Aires
 Argentina
 Email: rfortun@cirn.inta.gov.ar
 Rhynchosia (South America)
 Eriosema (South America)
 Galactia (South America)
 Mimosa (South America)

Dr. Helen C. Fortune-Hopkins
 Masons Arms
 Hotton Roof
 Carnforth LA6 2PE
 United Kingdom
 Email: h.fortune@lancaster.ac.uk/hcfh7@excite.com
 Mucuna (pollination)
 Parkia

Robin B. Foster
 Department of Botany
 Field Museum of Natural History
 Chicago
 Illinois
 60605
 USA
 Leguminosae (neotropical)
 Leguminosae (ecology)
 Tachigali (biology)
 Sclerolobium (biology)

Elsa Fuentes
 Facult. de Ciencias Agropecuarias
 Univ. nacional de Cordoba
 Casilla de Correo 509
 5000 Cordoba
 Argentina
 Email: efuentes@agno.uncor.edu

Mr. John Galey
 Department of Botany
 School of Plant Sciences
 University of Reading, PO Box 221
 Reading
 RG6 6AS
 United Kingdom
 Email: j.galey@reading.ac.uk
 Developmental genetics

Dr. Xinfen Gao
 Herbarium, Chengdu Institute of Biology
 Academia Sinica
 Chengdu 610041
 Sichuan
 People's Republic of China
 Email: xfgao@mail.sc.cninfo.net
 Desmodieae (China)
 Leguminosae (Sichuan)

Flavia Garcia
 Universidade Federal de Viçosa
 Departamento de Biologia Vegetal
 Av. P.H. Rolfs s.n.
 Viçosa
 Minas Gerais
 36571-000
 Brasil
 Email: fcgarcia@mail.ufv.br
 Ingeae
 Leguminosae of Minas Gerais (Brazil)

Chris Gardiner
 Dept. of Tropical Plant Sciences
 James Cook University
 Townsville
 Queensland 4811
 Australia
 Email: Christopher.Gardiner@jcu.edu.au
 Leguminosae (pasture legumes)
 Desmanthus

Dr. Peter Gasson
 Anatomy Unit
 Royal Botanic Gardens Kew
 Richmond
 Surrey
 TW9 3AE
 United Kingdom
 Email: P.Gasson@rbgkew.org.uk
 Legume wood anatomy

David R. Given
 Dept. Plant Science
 Lincoln University
 Canterbury
 New Zealand
 Email: givend@lincoln.ac.nz
 Leguminosae conservation (worldwide)
 Leguminosae conservation (Pacific Islands)
 Leguminosae (traditional uses)
 Leguminosae (agriculture - Pacific Islands)

Dr. William F. Grant
 Genetics Laboratory, P.O. Box 4000
 MacDonald Campus of McGill University
 Ste. Anne de Bellevue
 Quebec H9X 3V9
 Canada
 Email: ef16@musica.mcgill.ca
 Lotus

Advisor Em. Walter L. Graves
 7665 Volclay Drive
 San Diego,
 California
 92119
 USA
 Email: wlgraves@ucdavis.edu
 Leguminosae (forages)
 Leguminosae (nitrogen fixation)
 Lathyrus (agronomic evaluations)
 Medicago polymorpha (weevil tolerance)
 Pisum (agronomic evaluations)
 Trifolium subterraneum
 Vicia (Agronomic evaluations)

Miss Rosaura Grether
Departamento de Biología
Acan y la Purisima, UAM-I
Av. Michoacan y la Purisima, AP
09340 Mexico, D.F.
Mexico
Mimosa (Mexico, Central America)

Marc Greven
Plant Science Dept.
Lincoln University
Lincoln
Canterbury
New Zealand
Email: Grevem@whoi.lincoln.ac.nz
Phaseolus vulgaris
Leguminosae (seed vigour and seed production)

Dr. James W. Grimes
Royal Botanic Gardens Melbourne
Birdwood Ave
South Yarra 3141
Victoria
Australia
Email: j.grimes@botany.nnimelb.edu.au
Acacieae
Cullen
Ingeae
Psoraleeae
Inflorescence development

Julie Grossman
Soil Microbiology
Dept of Soil, Water and Climate
University of Minnesota
St. Paul
Minnesota
55108
USA
Email: grossman@soils.umn.edu
Leguminosae (Rhizobia Interactions in Prairies)
Chamaecrista fasciculata (nitrogen fixation)
Leguminosae (nitrogen fixation, Mexico)
Leguminosae (green manure/crop cover in Mexico)

Dr. Charles R. Gunn
120 White Squirrel Lane
Brevard
North Carolina
28712
USA
Email: mucuna@juno.com
Leguminosae (seed-fruit drifting in ocean currents)
Fabioideae (seed-fruit morphology)

Prof. P. K. Gupta
Department of Agricultural Botany
Meerut University
Merrut, 250 004
U.P.
India
Email: pkgupta@del6.vsnl.net.in
Leguminosae (pulse crops, cytogenetics)
Lens culinaris (ribosomal DNA polymorphism)

Dr. Assia Haddadj
Lab. De Biol. Du Sol
Inst. Des Sciences de la Nature
Bp 32 El Alia - Bab Ezzouar
Algiers
Alger
16111
Algeria
Email: haddadj_a@caramail.com
Rhizobium-legumes symbiosis
Nodule shape, organisation and structure
Nodule ontogeny and physiology

Dr. Peter Hanelt
Dipl. biol. Diederichsen, Axel
Inst. Pl. Gen. & Crop Pl. Res.
Corrensstraße 3
C-06466 Gatersleben
Germany
Email: pistrick@ipk-gatersleben.de
Leguminosae (cultivated)

Dr. Richard Hardwick
Comm. for the European Communities
Dir. Gen. For Agriculture
Div. For Coord. Agr. Research
2000 rue de la Loi (L 120 6-238)
Bruxelles
B-1049
Belgium
Email: richard.hardwick@dg6.cec.be
Phaseolus vulgaris

Mr Phil Harmes
37 Farm Road
Buckley
Flintshire
CH7 2NY
United Kingdom

Dr. Stephen Harris
Oxford Forestry Institute
Department of Plant Sciences
University of Oxford
South Parks Road, Oxford OX1 3RB
United Kingdom
Email: stephen.harris@plant-sciences.oxford.ac.uk
Leucaena (molecular systematics)
Leucaena (phylogeny)
Leucaena leucocephala (origin)

Prof. Lutful Hassan
 Inst. Agronomy & Plant Breeding
 Goettingen University
 Von-Siebold Str. 8
 Goettingen
 D-37075
 Germany
 Email: lhassan@gwdg.de
 Transformation in Vicia

Ms. Elspeth M Haston
 C/O Centr. Plant Diversity & Systematics
 Dept of Botany
 The University of Reading
 Whiteknights
 Whiteknights
 Berkshire
 RG6 6AS
 United Kingdom
 Email: emhaston@yahoo.com
 Caesalpinieae
 Peltophorum group

Dr. Julie Hawkins
 Department of Botany
 School of Plant Sciences
 University of Reading, PO Box 221
 Reading
 RG6 6AS
 United Kingdom
 Email: j.a.hawkins@reading.ac.uk
 Head Information Service
 CISIR
 P.O. Box 787
 Colombo 7
 Sri Lanka
 Leguminosae (Library)

Dr. Robert Hegnauer
 Cobetstraat 49
 2313 KA Leiden
 The Netherlands
 Leguminosae (chemotaxonomy)
 Leguminosae (cyanogenics)

Dipl.-Ing. Bettina Heider
 University of Hohenheim (380)
 Institute of Plant Prod. and Ag
 Biodiversity and Land Rehabilitation
 Garbenstr.28
 70599 Stuttgart
 Germany
 Email: heider@uni-hohenheim.de
 Genetic variability of cultivated legumes
 Centres of legume genetic diversity
 Preservation of genetic resources
 Special emphasis on SE Asia

April M. Henry
 Collections Manager, Herbarium
 Arizona State University
 Dept. of Plant Biology
 PO Box 871601
 Tempe
 Arizona
 85287-1601
 USA
 Email: spring@imap2.asu.edu
 Phaseolus

Dr. Patrick S. Herendeen
 The George Washington University
 Dept. of Biological Sciences
 Lisner Hall 340
 2023G Street NW
 Washington
 District of Columbia
 20052
 USA
 Email: herenden@gwu.edu
 Caesalpinioideae (phylogenetics)
 Caesalpinioideae (micromorphology)
 Leguminosae (fossils)

George D. Hill
 Department of Plant Sciences
 PO Box 84
 Lincoln University
 Canterbury
 New Zealand
 Email: Hill1@Lincoln.ac.nz
 Prof. Ann. M/ Hirsch
 Dept. of MCD Biology
 405 Hilgard Ave
 Univ. of California - Los Angeles
 Los Angeles
 California
 90095-1606
 USA
 Email: ahirsch@ucla.edu
 molecular plant-microbe Interactions
 Alfalfa & *Meliolotus alba* nodulation
 Mycorrhizae development on legumes
 Rhizobium - *Gleditsia* interaction

Dr. Patricia Susana Hoc
 Lab. 10, Pab. 2°, 4° Piso
 Dept. Cs.Biológicas,F.C.E.Y.N., U.B.A.
 Ciudad Universitaria
 1428 Buenos Aires
 Argentina
 Albizia (Argentina)
 Calliandra (Argentina)
 Enterolobium (Argentina)
 Inga (Argentina)
 Phaseoleae (pollen & floral biology)
 Prosopis (floral biology)
 Vigna (Argentina)

Dr Julie Hofer
 John Innes Centre
 Norwich Research Park
 Colney
 Norwich
 NR4 7UJ
 United Kingdom
 Email: julie.hofer@bbsrc.ac.uk
 Nodulation and symbiosis

Dr. Suk-Pyo Hong
 Lab. Plant. Systematics, Dept. Biology
 Kyung Hee University
 1 Haegi-Dong
 Dongdaemoon-Gu
 Seoul
 130-701
 South Korea
 Email: sphong@nms.kyunghee.ac.kr
 Fabaceae (weed research-Korea)

Dr. Ding Hou
 Rijksherbarium
 P. O. Box 9514
 2300 RA Leiden
 The Netherlands
 Abrus (Flora Malesiana)
 Caesalpinioideae (Malaysia)
 Caesalpinioideae (tree Flora of Sabah and Sarawak)
 Sesbania (Flora Malesiana)
 Vigna (Flora Malesiana)

Dr. Jer-Ming Hu
 University of Michigan Herbarium
 2001 North University Building
 1205 North University Ave
 Ann Arbor
 Michigan
 48109
 USA
 Email: jmhu@umich.edu
 Millettia (molecular phylogenetics)
 Millettieae (molecular phylogenetics)

Prof. Zhiang Hu
 Institute of Botany
 Chinese Academy of Sciences
 20 Nanximum, Xiangshan
 Haidian District
 Beijing 100093
 People's Republic of China
 Email: huzhiang@263.net
 Glycine
 Phaseolus
 Vigna

Dr. Colin Hughes
 Oxford Forestry Institute
 South Parks Road
 Oxford OX1 3RB
 United Kingdom
 Email: colin.hughes@plant-sciences.ox.ac.uk
 Leucaena
 Leguminosae (trees, non-industrial use)

J.L.C. Ibufo
 Forestry Dev. and Investigation Branch
 Forestry Dept. HQ
 P.M.B. 5073
 Awka
 Anambra State
 Nigeria

Dr. Macdonald Idu
 Botany Department
 Faculty of Science, Univ. of Benin
 PMB 1154
 Benin City
 Edo State
 Nigeria
 Email: mcdonald.idu@uniben.net
 Dichrostachys cinerea L.
 Tamarindus

Rev. Dr. Savarimuthu Ignacimuthu
 Director Entomology Research Institute
 Loyola College
 Nungambakkam
 Chennai 600 034
 India
 Email: ignaci@erilc.ren.nic.in

Prof. Duane Isely
 Department of Botany
 Iowa State University
 Ames
 Iowa
 50011
 USA
 Leguminosae (United States)

Dr. Russkikh Ivan
 Skoriny ave., 4
 Belarus State University
 Dept. of genetics and biotechnology
 Minsk
 220050
 Belarus
 Email: ria.gen@bio.bsu.unibel.by
 Genetics
 Breeding
 Phytopathology
 Germplasm management

Prof. Primavera Izaguirre-Artucio
 Facultad de Agronomía - Botánica
 Av. Garzón 780
 12.900 Montevideo
 Uruguay
 Leguminosae (Uruguay)

Dr. Vello Jaaska
 Botany Dept., Inst. of Zoology & Botany
 181 Riia Street
 Tartu
 Estonia
 Email: vj@zbi.ee
 Vicia subgenus Vicia (isoenzymes)
 Vigna subgenus Vicia (phylogenetics)

Prof. Daniel H. Janzen
 Department of Biology G7
 University of Pennsylvania
 Philadelphia
 Pennsylvania
 19174
 USA
 Email: djanzen@sas.upenn.edu
 Leguminosae (seed dispersal)
 Leguminosae (seed Predators, defoliators)
 Leguminosae (wood)

Ron Johanson
 1508 Alpha
 North Platte
 69101
 USA
 Foliar products
 Foliar products
 Biological fungicides

Dr. C. D. Johnson
 Northern Arizona University
 Box 5640
 Flagstaff
 Arizona
 86011
 USA
 Email: johnson@nauvax.ucc.nau.edu
 Leguminosae (bruchids)

Dr. Gurpreet Kalsi
 231 Briggs Hall
 Dept of MCB
 University of California
 Davis
 95616
 USA
 Email: gkalsi@ucdavis.edu
 Rhizobium interaction

Katherine Kantz
 Department of Botany
 Southern Illinois University
 Carbondale
 Illinois
 62901
 USA

Dr. Alan Kapuler
 Seeds of Change/Peace Seeds
 2385 SE Thompson Street
 Corvallis
 Oregon
 97333-1919
 USA
 Email: lkapu@peak.org
 Leguminosae (phylogenetic garden layout)

Dr. Walter Kelman
 CSIRO Division of Plant Industry
 GPO Box 1600
 Canberra ACT 2601
 Australia
 Email: w.kelman@pi.csiro.au
 Astragalus (Australian pastures)
 Lotus (Australian pastures)

Hermine Kiam
 Faculté des Sciences
 Université de Yaoundé I
 B.P. 812
 Yaoundé
 Cameroon
 Nodulation in trees (Cameroon)
 Mycorrhizal associations

Dr. A. Douglas Kinghorn
 Dept. Medicinal Chem. & Pharm.
 University of Illinois at Chicago
 833 South Wood Street
 Chicago
 Illinois
 60612
 USA
 Email: kinghorn@vic.edu
 Leguminosae (alkaloids)
 Leguminosae (sweet-tasting constituents)

Dr. Joseph H. Kirkbride, Jr.
USDA/ARS, SBML
Rm. 304, Bldg. 011A, BARC-West
10300 Baltimore Avenue
Beltsville
Maryland
20705-2350
USA

Email: joe@nt.ars-grin.gov

Coronilleae
Leguminosae (evolution)
Leguminosae (nodulation)
Loteae
Lotus
Leguminosae (fruits)
Leguminosae (seeds)

Dr. Geoffrey Charles Kite
Biochemistry Section, Jodrell Lab.
Royal Botanic Gardens
Kew, Richmond, Surrey TW9 3AE
United Kingdom
Email: G.Kite@rbgkew.org.uk
Caesalpinia (non-protein amino acids)
Caesalpinioideae (chemotaxonomy)
Sophoreae (chemotaxonomy)
Swartzieae (Chemotaxonomy)

Dr. Bente Klitgaard
Herbarium, Department of Botany
The Natural History Museum
Cromwell Road
London
SW7 5BD
United Kingdom
Email: B.Klitgaard@nhm.ac.uk
Dalbergieae
Leguminosae (Ecuador)
Platymiscum
Brownia & Browneopsis
Floral development

Dr. Suzanne Koptur
Department of Biological Sciences
Florida International University
Miami
Florida
33199
USA

Email: kopturs@.fiu.edu

Inga
Vicia
Leguminosae (nectaries)

Polina Kozachkova
Botanical garden "Belye Nochi"
Sochi-L214,
Sochi 354214
Russia
Black Sea Coast (Caucasus) introductions from the
New World

Dr. Tatiana E. Kramina
Department of Higher Plants
Biological Faculty
Moscow State University
Moscow 119899
Russia

Email: tanya@florin.msu.su

Lotus (Russia)
Lotus corniculatus

Dr. Albert E. Kretschmer, Jr.
University of Florida
AREC Ft. Pierce
2199 South Rock Road
Fort Pierce
Florida
34945-3138
USA
Arachis (evaluation of wild species)
Leguminosae (forages, tropical)

Dr. Thoathathri Krishnamurthy
C-4, Vanian Apartments
66, Brindaban Street
West Mambalam
Chennai 600 033
India
Leguminosae (Asiatic)
Leguminosae (West Bengal, India)
Hedysareae (seeds)
Millettieae (seed Coat morphology)

Dr. Sudershan Kumar
Sci. & Regi. Co-ordinator, ILDIS SE Asia
National Botanical Research Institute
Lucknow
U.P.
India
Email: skumar@lw1.vsnl.net.in
Leguminosae (ILDIS, Indian Subcontinent)

Sushil Kumar
Cent. Inst. of Med. and Aromatic Pl.
Council of Sci. and Industrial Res.
PO CIMAP
Lucknow - 226 015
India
Email: root@cimap.sirnetd.ernt.in

Dr. Victor Ya. Kuzevanov
 Botanic Garden, Irkutsk State Univ.
 Kolysov Street, 93
 P.O. Box 1457, Irkutsk
 664039
 Russia
 Email: vic@bograd.irkutsk.su
 Leguminosae (germplasm)

Dr. Jean-Noël Labat
 Laboratoire de Phanérogamie
 Muséum National d'Histoire Naturelle
 16, rue Buffon
 F. 75005 Paris
 France
 Email: labat@mnhn.fr
 Leguminosae (Madagascar)

Ms. Emma-Jane Lamont
 Dept. Agric. & Horticulture
 Wye College
 University of London
 Wye, Ashford
 Kent
 TN25 5AH
 United Kingdom
 Email: e.lamont@wye.ac.uk
 Trifolium (Turkey)

Prof. Kai Larsen
 Department of Systematic Botany
 University of Aarhus
 Nordlandsvej 68
 DK-8240 Risskov
 Denmark
 Email: biobkl@aau.dk
 Bauhinia (Tropical Asia)
 Caesalpiniaceae (continental Southeast Asia)
 Cassia (tropical Asia)

Supee Saksuwan Larsen
 Department of Systematic Botany
 University of Aarhus
 Nordlandsvej 68
 DK-8240 Risskov
 Denmark
 Email: biobkl@aau.dk
 Bauhinia
 Bauhinia (palynology in South East Asia)

Dr. Matt Lavin
 Department of Biology
 Montana State University
 Bozeman
 Montana
 59717-0001
 USA
 Email: ubiml@msu.oscs.montana.edu
 Coursetia
 Faboideae phylogeny
 Faboideae biogeography
 Faboideae (Temperate Herbaceous)
 Faboideae (tropical woody)

Dr. Heather Lawlor
 Centre for Legumes in Med.Agric.(CLIMA)
 University of Western Australia
 Nedlands, Perth
 Western Australia 6907
 Australia
 Email: hlawlor@cyllene.uwa.edu.au
 Cicer arietinum (molecular markers of cultivars)

Prof. Robert J. Lawn
 Department of Botany & Tropical Agric.
 Sir George Fisher Building
 James Cook University
 Townsville
 Queensland
 4811
 Australia
 Email: robert.lawn@jcu.edu.au
 Vigna

Dr. Gwilym Peter Lewis
 Herbarium
 Royal Botanic Gardens
 Kew
 Richmond
 Surrey
 TW9 3AE
 United Kingdom
 Email: g.lewis@rbgkew.org.uk
 Leguminosae systematics)
 Caesalpinioideae phylogeny
 Caesalpinia
 Leguminosae (Brazil)
 Leguminosae (Ecuador)

Dr. De-Zhu Li
 Depart. of Plant systematics & Phytog.
 Kunming Inst. Bot., Academia Sinica
 Kunming, Yunnan 650204
 People's Republic of China
 Leguminosae (Yunnan)

Haroldo Cavalcante de Lima
Jardim Botânico do Rio de Janeiro
Rua Pacheco Leão No. 915
Gavea, 22.460 Rio de Janeiro - RJ
22.460-030
Brasil
Email: hlima@jbrj.gov.br
Dalbergieae
Sophoreae
Atlantic forest legumes

Ms. Marli Pires Morim de Lima
Jardim Botânico do Rio de Janeiro
Rua Pacheco Leão, 915
22.460 Jardim Botânico
Rio de Janeiro, RJ
Brasil
Mimosoideae (Brazil, Southwest)

Dr. Barney L. Lipscomb
Asst. Director,
Library
Bot. Res. Inst. Texas
509 Pecan Street
Fort Worth
Texas
76102-4060
USA
Email: barney@brit.org
Leguminosae (Herbarium)

Dr. Aaron Liston
Department of Botany and Pl. Pathology
Cordley 2082
Oregon State University
Corvallis
Oregon
97331-2902
USA
Email: listona@bcc.orst.edu
Astragalus
Trifolium
Leguminosae (molecular systematics)
Galegeae

Hong Liu
Dept. of Biology
Florida International Univ.
Miami
Florida
33199
USA
Email: hliu01@yahoo.com
Chamaecrista lineata

Irina Lobanova
Central Siberian Botanical Garden
Zolotodolinskaya, 101
Novosibirsk, 90
630090
Russia
Email: root@botgard.nsk.su
Siberian legumes

Dr. Sharon R. Long
Department of Biological Sciences
Herrin Laboratory
Stanford
California
94305
USA
Email: fa.srl@forsythe.stanford.edu
Medicago (Rhizobium)
Pisum (Rhizobium)
Trifolium (Rhizobium)

Eng. Pablo Lozano Carpio
Dept. de Botanica
Herbario Loja
Universidad Nacional
PO Box 11-01-712
Loja
Ecuador
Email: pablo_lozano@hotmail.com
Machaerium (Neotropics)

Dr. Melissa Luckow
Bailey Hortorium
462 Mann Library
Cornell University
Ithaca
New York
14853
USA
Email: mal8@cornell.edu
Mimosoideae (phylogenetics)
Mimosoideae (biogeography)
Desmanthus

Dr. Jinshuang Ma
Herbarium BNU
Dept. Biol., Beijing Normal University
Beijing, 100875
People's Republic of China
Email: jsma@bnu.ihep.av.cn
Leguminosae (Chinese genera)
Leguminosae (floristic Analysis in China)

Dr. A. A. R. Maassoumi
Res. Inst. of Forests and Rangeland
P.O. Box 13185-116
Tehran
Iran
Astragalus (Iran)

Barbara Mackinder
Herbarium, Royal Botanic Gardens
Kew
Richmond
Surrey TW9 3AE
United Kingdom
Email: B.mackinder@rbgkew.org.uk
Tropical African Leguminosae (systematics and
phylogenetics)
Bean Bag Editor
Berlinia

Craig Manning
Mrs. Suite
Wentworth College
University of York
Heslington
York
United Kingdom
Email: cbm104@york.ac.uk

Dr. Bruce Maslin
Western Australia. Herbarium
Locked Bag 104
Bentley Delivery Centre
Western Australia
6983
Australia
Email: brucem@calm.wa.gov.au
Acacia

Stephan Maumont
Lab. Bot., Univ. Paul Sabatier
39 Allées J. Guesde
31077 Toulouse cedex
France
Mimosoideae (Seed coat)

Dr. Nigel Maxted
School of Biological Sciences
University of Birmingham
Edgbaston
Birmingham, B15 2TT
United Kingdom
Email: n.maxted@bham.ac.uk
Leguminosae databases
Leguminosae (germplasm)
Medicago
Trifolium
Vigna (GIS, conservation and taxonomy)
Vicia (GIS, Conservation and Taxonomy)
Vicieae

Dr. Richard Howard Maxwell
Indiana University Southeast Herbarium
4201 Grant Line Road
New Albany
Indiana
47150
USA
Email: maxwell@iusmail.ius.indiana.edu
Dioclea
Diocleinae

Laurie A. McHargue
22295 Farm Life Road
Miami
Florida
33170
USA
Email: lamch@gate.net

Doyle McKey
CEFE, CNRS
Route de Mende
BP 5051
34033, Montpellier Cedex
France
Email: mckey@cefe.cnrs-mop.fr

Mrs Nat McPherson
Christ Church college
North Holmes Rd
Canterbury
Kent
CT1 1QU
UK
Email: tin_sell@hotmail.com
Biomolecular studies

Biol. Maria del Pilar Méndez Perez
Instituto Canario de Invest. Agrarias
Apartado 60
38071 La Laguna, S/C. Tenerife
Islas Canarias
Spain
Email: pmendez@icia.rcanaria.es
Bituminaria Bituminosa (Agronomy as forage)
Leguminosae (Canary Islands)
Leguminosae (coumarins)
Leguminosae (forage)

Roberta Mendonca
Reserva Ecologia do IBGE
Caixa Postal 08.770
70312 970
Brasilia DF
Brasil
Email: rcompany@linxpress.com.br

Sr. Carlos Victor Mendonça Filho
Dept Botanica - IB, Unicamp
Instituto de Biologia
Caixa Postal 6109
Campinas
Sao Paulo
13083970
Brasil
Email: cvmac.bh@zaz.com.br
Leguminosae (phenology, Minas Gerais, Brazil)
Machaerium (taxonomy, cytology, embryology,
seedling morphology)
Machaerium sect. Oblonga

Marck Menke
1424A South Van Ness Ave
San Francisco
California
94110
USA
Email: menke@sfsu.edu
Californian floristics

Biol. Ruaro Pedro Mercado
Lab. Fanerogamia, Dept° de Bot.
Instituto de Biologia, UNAM
Apdo. Postal 70-233
Cd. Univ. C.P. 04510, D.F.
Mexico
Leguminosae (cytology)
Phaseolinae (cytology)

Ing. Vlastimil Mikolás
Botanical Garden-Herbarium
23, Mánesov Street
SK-043 52 KOŠICE
Slovakia
Email: mikolas@dec.upjs.sk
Anthyllis (Slovakia)
Chamaecytisus (Slovakia)
Genista (Slovakia)
Lathyrus (Slovakia)
Lotus (Slovakia)
Ononis (Slovakia)
Vicia (Slovakia)

Dr. Joe Miller
Roy J Carver Centre for Comp. Genomics
Dept. Biological Science
434 Biology Building
University of Iowa
Iowa City
IA
52242
USA
Email: jt-miller@uiowa.edu
molecular systematics

Silvia T. S. Miotto
Departamento de Botânica
Univ. Fed. Rio Grande do Sul
Av. Paulo Gama 40.
90.040-900 Porto Alegre, RS
Brazil
Email: miotto@botanica.ufrgs.br
Adesmia (Brazil)
Leguminosae (Southern Brazil, checklist)
Lathyrus (Brazil)
Vicia (Brazil)
Crotalaria (southern Brazil)

Mateus Mondin
rua: Fernando Febeliano da Costa, 769
bairro: Alemaes
Piracicaba
SP
13416-250
Brazil
Email: mmondin@carpa.ciagri.usp.br
Cytogenetics
karyotype evolution
Chromosome structure
Crotalaria

Dr. Reinaldo Monteiro
Departamento de Botânica, I.B. - UNESP
Herbarium Rioclarense (HRCB)
Caixa Postal 199
13506-900 Rio Claro, São Paulo
Brasil
Email: reimonte@rc.unesp.br
Leguminosae (State of Sao Paulo, Brazil)
Lupinus (Brazil)
Sesbania (New World)

Dra. Fátima M.S. Moreira
 Departamento de Ciência do Solo
 Universidade Federal de Lavras
 Caixa Postal 37
 Lavras
 Minas Gerais
 37 200 000
 Brasil
 Email: fmoreira@ufla.br
 Leguminosae (nodulation Capability)
 Leguminosae (Rhizobia of forest Species, taxonomy
 and selection)

Dr. Geoff Morse
 Museum of Comparative Zoology
 Dept. Organismic & Evol Biol.
 Harvard University
 26 Oxford St.
 Cambridge
 MA 02138
 USA

Dr. Tim Morton
 University of Chicago
 Department of Ecology and Evolution
 1101 E. 57th St.
 Chicago
 Illinois
 60637
 USA
 Email: tmorton@midway.uchicago.edu
 Inga (Costa Rica)
 Ingeae
 Ingeae (nonprotein amino acids)

Dr. Jorge A. Mosjidis
 Department of Agronomy and Soils
 Auburn University
 201 Funchess Hall
 Auburn
 Alabama
 36849-5412
 USA
 Email: jmosjidi@ag.auburn.edu
 Lespedeza cuneata (Crop & germplasm)
 Trifolium (isozymes)
 Trifolium (quantitative genetics)
 Vicia sativa (crop & germplasm)
 Vicia (reproductive biology)

Ms. Helen Moss
 27 Namly Crescent
 Singapore 267542
 Singapore
 Email: smyth@mbox2.singnet.com.sg
 Leguminosae (forages, Central Africa)
 Leguminosae (forages, Southern Africa)
 Vigna (Asia)

David Moulds
 PO Box223
 Fisher
 MN
 56723
 USA
 Plant breeder

Mahmoud Moussavi
 Plant Pests & Diseases Res. Inst.
 P.O. Box 1454
 Tehran - 19395
 Iran
 Astragalus (Iran)
 Leguminosae (crops)

Prof. M. Amin Uddin Mridha
 Department of Botany
 University of Chittagong
 Chittagong 4331
 Bangladesh
 Email: mridha@abnetbd.com
 Leguminosae (mycorrhizal associations)
 Mr. Abdul Samad Mumtaz
 School of Biological Sciences
 University of Birmingham
 Edgbaston
 Birmingham, B15 2TT
 United Kingdom
 Email: ASM193@Bham.ac.uk
 Pisum

Dr. Paul Munyenembe
 Chancellor College
 University of Malawi
 P.O. Box 280
 Zomba
 Malawi
 Email: pmunyenembe@unima.wn.apc.org
 Dolichos
 Leguminosae (Malawi)
 Phaseoleae (Flora Zambesiaca)

Dr. Brian Murray
 School of Biological Sciences
 University of Auckland
 Private Bag 92019
 Auckland
 New Zealand
 Email: b.murray@auckland.ac.nz
 Lathyrus (cytogenetics)
 Lathyrus (interspecific hybridization)

Dr. Robert Nash
 Leader of Chemistry Group
 Inst. of Grassland & Environmental Res
 Plas Gogerddan
 Aberystwyth
 SY23 3EB
 United Kingdom
 Email: Robert.Nash@bbsrc.ac.uk
 Analysis of Sophoreae for alkaloids
 Medicinal properties (*Trifolium repens*)
 Medicinal properties (*Medicago sativa*)

Mr. David A. Neill
 Jatun Sacha Biological Station
 Casilla 867 - Sucursal 12
 Quito
 Ecuador
 Erythrina

Dr. Tomoyuki Nemoto
 1 Shinmito
 Minamisakai
 Ishinomaki
 986-8580
 Japan
 Email: tnemoto@isenshu-u.ac.jp
 Desmodieae
 Cassieae
 Loteae
 Hedysareae
 Molecular phylogeny
 morphology, anatomy, taxonomy

Dr Ivan Christian Nielsen
 Botanical Institute, Herbarium
 Nordlandsvej 68
 DK-8240 Risskov
 Denmark
 Email: biobin@aau.dk
 Leguminosae (New Caledonia)
 Ingeae

Dr. Chawalit Niyomdham
 Director of The Forest Herbarium
 Royal Forest Department
 Bangkok 9
 Thailand
 Email: t.jong-anurak@forest.go.th
 Leguminosae

Dr. Tomooka Norihiko
 Crop Evolutionary Dynamics Lab.
 Division of Genetic Resources II
 Nat. Inst. of Agrobiological Resources
 Kannondai 2-1-2
 Tsukuba, Ibaraki
 305-8602
 Japan
 Email: tomooka@abr.affrc.go.jp
 Food legumes and wild relatives

Dr. Larisa Novoselova
 Perm State University
 Bukirev Street 15
 Perm
 614600
 Russia
 Medicago (annual species, reproductive biology)
 Medicago (reproductive biology)
 Medicago sect. Hymenocarpos (reproductive biology)
 Medicago sect. Lupularia (reproductive biology)
 Medicago sect. Orbicularis (reproductive biology)
 Medicago sect. Spirocarpos (reproductive biology)

Dr. Dieudonné Nwaga
 Faculté des Sciences
 Université de Yaoundé I
 B.P. 812
 Yaoundé
 Cameroon
 Mycorrhizal associations
 Rhizobia
 Legumes as biofertilisers

Dr. Hiroyoshi Ohashi
 Botanical Garden
 Tohoku University
 Kawauchi
 Sendai
 980-0862
 Japan
 Email: ohashi@mail.cc.tohoku.ac.jp
 Asian Legume Flora, North America
 Desmodieae, Euchresteae, Sophoreae, Dalbergieae,
 Phaseoleae
 Hedysareae, Vicieae

Olatunji Olaleye
 3323 Watt Av #150
 Sacramento
 95821
 USA
 Email: tolaleye1@excelonline.co
 Dry food processing

Ms. Amanda Ortiz
 Genetic Resources Unit, CIAT
 Apartado Aéreo 6713
 Cali
 Colombia
 Email: a.ortiz@cgnet.com
 Arachis Pintoi (isoenzymes, morphology)
 Leguminosae (Tropical forage, germplasm)
 Stylosanthes capitata (isoenzymes, morphology)

Ken Osborn
Tropical Flowering Tree Research
6009 Bush Hill Drive
Alexandria
Virginia
22310-1105
USA
Email: Ken.Osborn@erols.com
Albizia
Bauhinia
Caesalpinia pulcherrima
Cassia
Calliandra
Cercis

Juan Manuel Osorno Gonzalez
CIAT
Bean Program
A.A. 6713
Cali
Colombia
Email: joanna@avan.net
Common bean genetic improvements
Genetic diversity, germplasm management
Biochemical markers

Ing. Agr. Ramon Antonio Palacios
Lab. Y Herbario de Plantas Vasculares
Depto. Cs. Biologicas
Pab. II
1428 Ciudad Universitaria
Buenos Aires
Argentina
Email: palacios@bg.fcen.uba.ar
Phaseolus

Mrs. Janice Palmer
CSIRO Division of Tropical Crops-Past.
Cunningham Laboratory
306 Carmody Road
St. Lucia, Qld 4067
Australia
Email: janice.palmer@tcp.csiro.au
Vigna (genetic transformation)

Dr. Reid G. Palmer
G301 Agronomy
Iowa State University,
Ames
Iowa
50011
USA
Email: rpalmer@iastate.edu
Glycine (Cytogenetics, genetics)

Mr. L. Pedley
Queensland Herbarium
Brisbane Botanic Gardens, Mt. Coot-tha
Mt. Coot-tha Rd.
Toowong
QLD 4066
Australia
Email: queensland.herbarium@env.qld.gov.au
Acacia (Australia)
Alysicarpus (Australia)
Chamaecrista (Australia)
Desmodium (Australia)
Racosperma (Australia)
Tephrosia (Australia)

Dr. Toby Pennington
Royal Botanic Garden Edinburgh
Inverleith Row
Edinburgh EH3 5LR
Scotland
United Kingdom
Email: toby@rbge.org.uk
Papilionoideae (molecular systematics)
Papilionoideae (biogeography)
Andira
Dussia
Floral development

Patricia Perisse
Champaqui 1638
Boque Capital
Cp. 5010
Córdoba
Argentina
Email: pperisse@argo.uncor.edu
Lupinus

Direttore Pietro Perrino
C.N.R. - Istituto del Germoplasma
c/o Facoltà di Agraria
via G. Amendola 165/A
70126
Bari
Italy
Email: p.perrino@area.ba.cnr.it

Ing. Agr. Alejandro Peticari
CC25 - Las Cabañas y Los Reseros
IMYZA - CNIA - INTA
Castelar
Buenos Aires
1712
Argentina
Email: ams@cnia.inta.gov.ar
Rhizobium nitrogen fixation
Azospirillum

Miss Elda Mara Pia Romero

Calle 01, N.06

Los Guaritos I.

Maturín

Monagas

6202

Venezuela

Email: p_elda76@hotmail.com

Agronomic engineering

Cytogenetics

Dr. Angela R. Piergiovanni

Germplasm Institute-CNR

Via Amendola 165/a

1-70126 BARI

Italy

Email: germap14@area.ba.cnr.it

Lens culinaris (germplasm)

Common bean landraces from Italy

Domenico Pignone

CNR Inst. del germplasma

Via Amendola 165/a

Bari

1 70126

Italy

Email: germdp02@area.ba.cnr.it

Leguminosae (karyotype evolution)

Leguminosae (genetic resources)

Leguminosae (germplasm evaluation)

Vicia (genetic resources and evolution)

Vigna and Vicia (evolution)

Prof. Dr. Ana M. Planchuelo

Herbario ACOR

Facultad de Ciencias Agropecuarias

Universidad Nacional de Córdoba

Casilla de Correo 509

Córdoba

5000

Argentina

Email: planch@crean.agro.uncor.edu

Arachis hypogaea (crop simulation model)

Crotalaria (morphology, anatomy and taxonomy,

Argentinian spp.)

Lupinus (taxonomy, anatomy, alkaloids, chemotaxonomy)

Plant Research Library

Agriculture and Agri-Food Canada

Wm. Saunders Bldg. #49

C.E.F.

Ottawa

Ontario

K1A 0C6

Canada

Email: library-res@em.agr.ca

Leguminosae (Library)

Dieter Podlech

Inst. Syst. Bot., Univ. München

Menzinger Str. 67

D-8000 München 19

Germany

Astracantha

Astragalus (Old World)

Astragalus sect. Acidodes

Astragalus sect. Malacothrix

Dr. D. S. Pokle

Reader & Head

Department of Botany

Deogiri College

Stn. Rd.

Aurangabad

431 002

India

Alysicarpus (India)

Alysicarpus (chemotaxonomy)

Leguminosae (floristics, India, Aurangabad)

Dr. Odile Poncy

Laboratoire de Phanérogamie

Muséum National d'Histoire Naturelle

16, rue Buffon

75005 Paris

France

Inga (taxonomy)

Mimosoideae (Flora of The Guyanas)

Dr. Darién E. Prado

Cátedra de Bot.,

Facultad de Cien. Agrarias, UNR

P.O. Box N° 14

2123 Zavalla

Argentina

Email: dprado@fcagr.unr.edu.ar

Sir Ghilleen T. Prance

The Old Vicarage

Silver Street

Lyme Regis

Dorset

DT7 3HS

United Kingdom

Email: gtdmiep@aol.com

Leguminosae (Amazonia)

Prof. Dr. Janina Przybylska

Institute of Plant Genetics

Polish Academy of Sciences

ul.Strzeszynska 34

Poznan

60-479

Poland

Email: bsal@igr.poznan.pl

Lupinus (seed proteins)

Phaseolus (seed proteins)

Vicia sect. Faba (seed proteins)

M.Sc. Luciano Queiroz
 Univ. Estadual de Feira de Santana
 Depto. de Ciências Biológicas
 Km. 03 - BR 116 - Campus
 Feira de Santana
 Bahia
 44031-460
 Brasil
 Email: lqueiroz@uefs.br
 Camptosema
 Cratylia
 Diocleinae (pollination and evolution)
 Leguminosae (forage in the Caatinga)
 Moldenhawera

Elisabeth Rabakonandrianina
 BP 906 EES Sciences
 Universite de Madagascar
 Tananarive 101
 Madagascar
 Leguminosae

S. Raghunath
 Building No. 14, Flat 5 (Row Housing)
 Yashodhan Nagar
 Off Pokhran Road, No. 1
 Thane (West)
 Maharashtra
 400606
 India

Dr. Soom N. Raina
 Lab. of Cell. & Molecular Cytogenetics
 Dept. Botany, University of Delhi
 Delhi 110007
 India
 Email: snraina@satyam.net.in
 Leguminosae (cytogenetics)
 Leguminosae (molecular biology)

Dr. Ramamonjiarisoa B. Rakouth
 Service de Botanique, E.E.S.S.
 Universit de Madagascar
 B.P. 906 Tananarive 101
 Madagascar
 Leguminosae (Madagascar)
 Leguminosae (fuel wood)
 Leguminosae (reforestation)

Stefan Ramme
 Nibelungenweg 25
 Soest
 NRW
 59494
 Germany
 Email: stefan_ramme@yahoo.com
 Biology and Agriculture

M.Sc. Allan Ramos
 Depto. Zootecnia
 FCAV-Unesp
 Jaboticabal
 São Paulo
 14870-000
 Brasil
 Email: allan@fcav.unesp.br
 Pasture evaluation
 Forage ecophysiology

Research Institute
 Central Pl. Crops, Reg. St.
 Vittal, 574 243, Karnataka State
 India
 Leguminosae (Library)

Ing. Jacqueline Reynoso-Dueñas
 Instituto de Botánica
 Universidad de Guadalajara
 Las Agujas Nextipac, Zapopan
 Km. 15.5 Carretera Nogales
 Mexico
 Caesalpinioideae (Jalisco, Mexico)
 Calliandra (Mexico)
 Leguminosae (Jalisco, Mexico)

Prof. Fred Rickson
 Department of Botany & Plant Pathology
 Oregon State University
 Cordley Hall 2082
 Corvallis
 Oregon
 97331-2902
 USA
 Email: rickson@bcc.orst.edu
 Amherstia (phylogeny, biogeography,
 morphology/anatomy)
 Leguminosae (ant plants, morphology/anatomy)
 Humboldtia (phylogeny, biogeography,
 morphology/anatomy)
 Leonardoxa (phylogeny, biogeography,
 morphology/anatomy)
 Saraca (phylogeny, biogeography,
 morphology/anatomy)
 Tamarindus (phylogeny, biogeography,
 morphology/anatomy)

Dr. M. de Lourdes Rico-Arce
 Herbarium
 Royal Botanic Gardens
 Kew, Richmond
 Surrey, TW9 3AB
 United Kingdom
 Email: l.rico@rbgkew.org.uk
 Acacia, Filicinae (neotropical)
 Acacia, Aculeiferum (neotropical)
 Acacia, Acacieae (neotropical)
 Pithecellobium (New World)
 Ingeae

Dr. Jeannette Ridder-Numan
C/o Rijksherbarium/Hortus Botanicus
Postbus 9514
2300 RA Leiden
The Netherlands
Email: ridder@rulrhb.leidenuniv.nl

Butea (phylogeny)
Leguminosae (biogeography, S.E. Asia)
Kunstleria (phylogeny)
Spatholobus (phylogeny)

John T. Romeo
Department of Biology
University of South Florida
Tampa
Florida
33620
USA
Email: romeo@chuma.cas.usf.edu
Calliandra (Chemistry)
Inga (chemistry)

Dr. Yuri R. Roskov
Herbarium
Komarov Botanical Institute
Prof. Popov Street 2
St. Petersburg
197376
Russia
Email: roskov@herb.bin.ras.spb.ru
Leguminosae for Northern Eurasia
Medicago (Russia)
Melilotus (Russia)
Trifolium (Russia)
Trigonella (Russia)
Virtual herbarium of Leguminosae

Dr. James H. Ross
National Herbarium of Victoria
Birdwood Avenue
South Yarra
Victoria 3141
Australia
Email: JROSS@rbgmelb.org.au

Nirad Chandra Rout
AM Plants Div.
Regional Research Lab.
Bhubaneswar
Orissa
751013
India
Email: ncrou@yaho.com
Floristics and ethnobotany of Orissa
Astragalus of India

Myriam Salazar
Cra 44# 80 - 41
Colombia
Email: sajami@hotmail.com
Caesalpinia

Dr. Michael J. Sanderson
Section of Evolution and Ecology
One Shields Ave.
University of California, Davis
Davis
California
95616
USA
Email: mjsanderson@ucdavis.edu
Astragalus (molecular phylogenetics)
Galegeae (molecular phylogenetics)

Dr. M. Sanjappa
Central National Herbarium (CAL)
Botanical Survey of India
P.O. Botanic Garden
Howrah 711 103
India
Email: envis@cal2.vsnl.net.in
Leguminosae (India)

Dr. P. Saravanakumar
Department of Botany
Faculty of Science
University of Peradeniya
Peradeniya
Sri Lanka
Email: saravan@botany.pdn.ac.lk
Genetics of wild relatives of pulses

Zlatko Satovic
Croatian Bank of Plant Genes
Fac. of Agr., University of Zagreb
Svetosimunska 25
HR-10,000 Zagreb
Croatia
Email: zsatovic@agr.hr

Dr. Rudolf Schmid
Department of Integrative Biology
University of California, Berkeley
Berkeley
California
94720-3140
USA
Email: schmid@socrates.berkeley.edu
Leguminosae (publication reviews, taxonomy)

Ing. Agr. Axel Schmidt
 University of Hohenheim
 Inst. 380
 Garbenstr. 28
 Stuttgart
 70593
 Germany
 Email: doctor@uni-hohenheim.de
 Amphicarpic legumes

Jörg Schmiedel
 Ulmenmarkt 1
 D-18057 Rostock
 Germany
 Email: jsl@gmx.de
 Leguminosae (ecology)
 Leguminosae (cultivation)

Dr. Andrew Schnabel
 Department of Biol. Sciences
 Indiana Univ.
 South Bend
 Indiana
 46634
 USA
 Email: aschnabe@iusb.edu
 Gleditsia (cladistic biogeography)
 Gymnocladus (cladistic biogeography)

Dr. Brian Schrire
 Herbarium, Royal Botanic Gardens
 Kew, Richmond
 Surrey TW9 3AB
 United Kingdom
 Email: B.Schrire@rbgkew.or.uk
 Indigofereae (Africa)
 Millettieae (Africa)
 Papilionoideae (South African biogeography)

Dr. E. Schröder
 BNF Laboratory
 Box 9030
 Dept. Agronomy and Soils
 Univ. of Puerto Rico
 Mayagüez
 PR 00681
 Puerto Rico
 Email: e_schroder@hotmail.com
 Microbiology
 Nitrogen fixation
 Rhizobium
 Nodulation

Prof. Rainer Schultze-Kraft
 Universität Hohenheim (380)
 D-70593 Stuttgart
 Germany
 Email: rsk@uni-hohenheim.de
 Centrosema
 Leguminosae (Tropical: genetic resources)
 Leguminosae (tropical: amphicarpy)
 Stylosanthes (biogeography)

Mr. Brandon Seah
 Blk 762
 Bedok Reservior
 View, #18-313
 Singapore
 470762
 Singapore
 Email: pflanzen@smileyface.com

Dr. Philippe Seguin
 Dept. Plant Science
 McGill University
 2111 Lakeshore Rd
 Ste. Anne-de-Bellevue
 Quebec
 H9X 3V9
 Canada
 Email: pseguin@nrs.mcgill.ca
 Trifolium ambiguum

Prof. David S. Seigler
 Department of Plant Biology
 University of Illinois
 265 Morrill Hall
 505 S. Goodwin Avenue
 Urbana
 Illinois
 61801
 USA
 Email: d-seigler@life.uiuc.edu
 Acacia (chemosystematics, cyanogenesis)
 Pithecellobium (Chemosystematics, Cyanogenesis)

Adrian J. Shirlin
 19, Mark's Way,
 Girton
 Cambridge
 CB3 0PW
 United Kingdom
 Email: zn13@dial.pipex.com
 Vigna / Phaseolus
 Vigna / Phaseolus (germplasm)
 Vigna / Phaseolus database / library
 Phaseolus vulgaris
 Vigna radiata

Dr. Monique Simmonds
Biological Interactions, Jodrell Lab.
Royal Botanic Gardens
Kew, Richmond, Surrey TW9 3AE
United Kingdom
Email: M.Simmonds@rbgkew.org.uk
Biological interactions

Prof. Beryl Simpson
Section of Integrative Biology
Biological Laboratories 311
The University of Texas
Austin
Texas
78712
USA
Email: beryl@mail.utexas.edu
Caesalpinieae (phylogenetics)
Caesalpinieae (systematics)
Hoffmannseggia

Paramjit Singh
Botanical Survey of India
Sikkim Himalayan Circle
PO Raj Bhawan
Gangtok
Sikkim
737103
India
Email: param@dte.vsnl.net.in
Taxonomical studies
Biosystematics
Conservation

Dr. Ernest Small
Agriculture and Agri-Food Canada
William Saunders Building
Central Experimental Farm
Ottawa, Ontario K1A 0C6
Canada
Email: smalle@em.agr.ca
Medicago
Melilotus
Trifolieae
Trigonella

Dr. David L. Smith
21 Crowood Avenue
Stokesley
Middlebrough
Cleveland
TS9 5HY
United Kingdom
Acacia (cotyledon anatomy)
Leguminosae (cotyledon histology)
Leguminosae (cotyledon vascularization)

Dr. Dmitry D. Sokoloff
Department of Higher Plants
Biological Faculty
Moscow State University
119899 Moscow
Russia
Email: sokoloff@dds.srcc.msu.su
Anthyllis (taxonomy)
Anthyllis (fruit and seed anatomy)
Cytisopsis (fruit and seed anatomy)
Leguminosae (Middle Russian Flora project)
Hammatolobium (fruit and seed anatomy)
Hymenocarpos (fruit and seed anatomy)
Vermifrux (fruit and seed anatomy)

Ass. Prof. John Sollinger
Science
South Oregon University
Ashland
Oregon
97520
USA
Email: Sollingj@osou.edu
Pea developmental genetics

Dr. Marten Sorensen
Royal Veterinary & Agricultural Univ.
Botanical Section, Rolighedsvej 23
DK-1958 Frederiksberg C (Copenhagen)
Denmark
Pachyrhizus

Solange Sotuyo
Instituto de Ecologia, UNAM
campus Morelia
Antigua carretera a Patzcuaro #8701
Col. Ex-Hac.de San Jose La Huerta
Morelia, Michoacan'
CP 58190
Mexico
Email: jsotuyo@ate.oikos.unam.mx
Caesaplnoideae
Caesalpinia

Dr. Mario Sousa-Pena
Marlboro College
PO Box A
Marlboro
YT
05344
USA
Email: mario@marlboro.edu
Phaseolus coccineus (pollination)

Prof. Janet I. Sprent
 Department of Biological Sciences
 University of Dundee
 Dundee DD1 4HN
 United Kingdom
 Email: J.I.Sprent@dundee.ac.uk
 Leguminosae (nitrogen fixation & evolution)

Rama Kondragunta Sri Rama Murthy
 Research associate
 Department of Botany
 Sri Krishnadevaraya University
 Anantapur - 515 003
 Anantapur
 Andhra Pradesh
 515 003
 India
 Email: drksrmurthy@yahoo.com
 Legumes of Eastern Ghats

Luc St. Laurent
 IRBV Dept. de Sciences Biol.
 Univ. de Montreal
 4101, Rue Sherbrooke Est.
 Montreal
 H1X 2B2
 Canada
 Email: stlauru@magellan.umontreal.ca
 West Africa
 Papilionoideae
 Mucuna

Prof. Otto L. Stein
 Dept. of Botany
 University of Massachusetts
 Amherst
 Massachusetts
 01003
 USA
 Caesalpinioideae

Dr. Basil Stergios D.
 Herbário Universitario
 UNELLEZ
 Mesa de Cavacas, Edo. Portuguesa
 3323
 Venezuela
 Aldina (taxonomy)
 Campsiandra (taxonomy)
 Caesalpinieae (Flora of The Guianas)
 Caesalpinieae (Venezuela)
 Fabaceae (South American trees)

Dr. Hang Sun
 Herbarium, Kunming Institute of Botany
 Academia Sinica
 Kunming 650204
 Yunnan
 People's Republic of China
 Email: sunhang@public.km.yn.cn
 Leguminosae (Eastern Himalayas and Southeastern
 Tibet)
 Leguminosae (Yunnan, China)

Dr. Maria José Suso
 Instituto de Agricultura Sostenible
 Apartado 4084
 14080 Córdoba
 Spain
 Email: ge1susom@uco.es
 Reproductive biology (mating systems, gene flow)
 Plant pollinator interactions
 Development and structural morphology
 Economic legumes
 Intraspecific genetic studies

Dr. Andrej K. Sytin
 Herbarium
 V.L. Komarov Botanical Institute
 197376, Prof. Popov Street, 2
 St. Petersburg 197346
 Russia
 Astragalus (former USSR)
 Oxytropis (former USSR)

Prof. Wu Telin
 South China Institute of Botany
 Academia Sinica
 Leyiju
 Tianhe
 Guangzhou
 510650
 People's Republic of China
 Email: Wudel@scib.ac.cn
 Leguminosae (China)

Dean Thomas
 Animal Science Department
 University of Western
 Australia
 Nedlands
 W. Australia
 6907
 Australia
 Email: dthomas@agric.uwa.edu.au
 Foraging behaviour in Sheep

Dr. Mary D. Tindale
 Royal Botanic Gardens
 Sydney, N.S.W. 2000
 Australia
 Acacia (Australia)
 Glycine

Dr Ana M.G.A Tozzi
 Depto. Botanica, IB, Unicamp
 caixa postal 6109
 Campinas
 So Paulo
 13083-970
 Brasil
 Email: anatozzi@unicamp.br
 Lonchocarpus (South America)
 Deguelia
 Desmodium (Brasil)
 Millettieae (Brasil)

Dr. Shirley C. Tucker
 Dept. of Biological Sciences
 University of California
 Santa Barbara
 California
 93106-9610
 USA
 Email: tucker@lifesci.uscb.edu
 Amherstieae/Detarieae
 Caesalpinieae
 Caesalpinioideae (floral development)
 Cercideae
 Faboideae (floral development)
 Swartzieae

Prof. B. L. Turner
 Department of Botany
 University of Texas
 Austin
 Texas
 78712
 USA
 Email: billie@uts.cc.utexas.edu
 Baptisia
 Thermopsis

Umar. O. Ujih
 Ogufa Landscape & Environmental Consult.
 P.O.Box 179
 Nasarawa
 Nasarawa L.G.A.
 Nasarawa State
 Nigeria

Dr. Emilio A. Ulibarri
 Inst. Bot. Darwinion
 Casilla de Correo 22
 Labarden 200 1642 San Isidro
 Argentina
 Email: ulibarri@darwin.edu.ar
 Adesmia (South America)
 Caesalpinia (South America)
 Hoffmannseggia (South America)
 Caesalpinioideae

Dr. José Francisco M. Valls
 CENARGEN/EMBRAPA
 S.A.I.N., Parque Rural
 Caixa Postal 02372
 70.770 Brasília, DF
 70770-900
 Brazil
 Email: valls@cenargen.embrapa.br
 Arachis (germplasm characterisation and genetic resources)
 Arachis (taxonomy)

Prof. L. J. G. van der Maesen
 Laboratory for Plant Taxonomy
 P.O. Box 8010
 6700 ED Wageningen
 The Netherlands
 Email: Jos.Vandermaesen@algem.pt.wau.nl
 Atylosia
 Cajanus
 Cicer
 Dunbaria
 Flemingia
 Pueraria

John Van herk jr.
 2 Hyland Drive
 PO Box 130
 Blenheim
 Ontario
 NOP 1AO
 Canada
 Email: Jvanherk@wgthompson.com
 Plant breeder (dry bean)

Neil van Rij
 P/Bag X9059, Cedara
 Pietermaritzburg
 3200
 Republic of South Africa
 Email: nvanrij@cedara1.agric.za
 Vigna unguiculata
 Phaseolinae (cultivated)

Prof. Johannes Van Staden
 Research Centre Pl. Growth & Develop.
 Department of Botany, Natal University
 P.O. Box 375
 Pietermaritzburg 3200
 Republic of South Africa
 Email: RCPGD@botany.unp.ac.za
 Leguminosae (seed coat in germination)

Dr. Ben-Erik van Wyk
 Dept. Bot., Rand Afrikaans University
 P.O. Box 524
 Johannesburg 2000
 Republic of South Africa
 Crotalariaeae (Southern Africa)
 Dichilus
 Galegeae (Southern Africa)
 Lipariaeae (Southern Africa)
 Lotononis
 Podalyrieae (Southern Africa)

Dr. Jacqueline Vander Stappen
 Laboratory of Gene Technology
 K.U.Leuven
 Kardinaal Mercierlaan 92
 B-3001 Leuven
 Belgium
 Email: jacqueline.vanderstappen@agr.kuleuven.ac.be
 Stylosanthes (molecular systematics)
 Stylosanthes (genetic diversity)

Dr. Thierry Vanderborght
 Jardin Botanique National de Belgique
 Domaine de Bouchout
 B-1860 Meise
 Belgium
 Email: T.Vanderborght@br.fgov.be
 Phaseolus (germplasm)
 Vigna (germplasm)

Prof. Jacques P. J. Vassal
 39 Allees de Bufevent
 31320 Auzeville-Tolosante
 France
 Email: jpj.vassal@wanadoo.fr
 Acacia
 Acacia (desertification control)
 Acacia (gum arabic)
 Acacia Senegal (productivity)

M.Bot. Angela Mara S. da F. Vaz
 Jardim Botânico do Rio de Janeiro
 Setor de Botanica Sistemtica
 Rua Pacheco Leo, 915
 22.460 Rio de Janeiro, R.J.
 Brazil
 Email: arvaz@jbrj.gov.br
 Bauhinia (Brazil)

Dr. Elizabeth Ann Veasey
 Dept. de Genetica
 Caixa Postal 83
 13400-970
 Piracicabo
 SP
 Brasil
 Email: eaveasey@esalq.vst.br
 Sesbania (genetic variability)

Dr. Renato F. de A. Veiga
 Inst. Agr., Centr. Rec. Veg. & Jard. Bot
 Av. Theodureto de Almeida Camargo 1500
 Caixa Postal 28
 13.001 Campinas
 São Paulo
 Brasil
 Email: veiga@iac.br
 Arachis (germplasm)
 Arachis (morphology)

Dr. Nigel Veitch
 Biochemistry Section, Jodrell Lab.
 Royal Botanic Gardens
 Kew, Richmond, Surrey TW9 3AB
 United Kingdom
 Email: N.Veitch@rbgkew.org.uk
 Biochemistry

Dr. Jules E. Vidal
 Lab. Phanerogamie
 16, rue Buffon
 75005 Paris
 France
 Leguminosae (Indochina)

Angel Villarreal
 Lab. Ecol. Vegetal y Sistemica
 de plantas Vasculares
 Fac. Exp. Ciencias.
 Universidad del Zulia
 Maracaibo
 Zulia
 40010
 Venezuela
 Email: anglovillarreal@hotmail.com
 Leguminosae systematics

Dr. Michael A. Vincent
 Curator
 Herbarium MU
 Department of Botany
 Miami University
 Oxford
 Ohio
 45056
 USA
 Email: vincenma@muohio.edu
 Trifolium
 Cladrastis
 Floristics
 Invasive species

Lic. Carlos A. Virasoro
 Director
 Primera Junta 2859 - (3000)
 Santa Fe
 Argentina
 Email: ameghino@ceride.gov.ar
 Systematic determination of local flora

Prof. George Walker
Barstow College
2700 Barstow Road
Barstow
California
92311
USA

Email: gfwalker@earthlink.net
molecular ecology
Plant systematics
population genetics

Maureen Warwick
Royal Botanic Garden Edinburgh
20A Inverleith Row
Edinburgh
EH3 5LR
United Kingdom
Email: m.warwick@rbge.org.uk
Cyclolobium
Plathymenia

Mr. Aruna Weerasooriya
Dept. of Ecology and Biodiversity
Univ. of Hong Kong
Pokfulam Road
Hong Kong
Email: aruna@hkusua.hku.hk
Plant systematics
Plant Ecology

Bevan Weir
Landcare Research
Private Bag 92-170
Auckland
New Zealand
Email: weirb@LandcareResearch.co.nz'
Rhizobia legume symbioses in New Zealand

Dr. Molly Welsh
USDA, ARS, WRPIS
Western Regional Plant Intr. Station
59 Johnson Hall
PO Box 646402
Washington
99164-6402
USA
Email: mmwelsh@wsu.edu
Curator, phaseolus collection

Dr. Peter H. Weston
National Herbarium of N.S.W.
Royal Botanic Gardens
Mrs. Macquaries Road
Sydney 2000
Australia
Email: peter_weston@rbgsyd.gov.au
Bossiaeeae
Brongniartieae
Mirbelieae

Dr. J. J. Wieringa
Herbarium Vadense
P.O. Box 8010
NL - 6700 ED Wageningen
The Netherlands
Email: jan.wieringa@algem.pt.wau.nl
Aphanocalyx
Julbernardia
Michelsonia
Bikinia
Tetraberlinia
Icuria

Dr. John H. Wiersema
USDA/ARS, SBML
Rm. 304, Bldg. 011A, BARC-West
10300 Baltimore Avenue
Beltsville
Maryland
20705-2350
USA
Email: jwiersema@sol.ars-grin.gov
Leguminosae
Leguminosae (nomenclature)

Prof Michael Wink
INF 364
Uni Heidelberg
Germany
Email: F01@ix.urz.uni-heidelberg.de
molecular phylogeny
secondary metabolism
chemical ecology

Dr. Martin F. Wojciechowski
Dept. of Plant Biology
Arizona State University
PO Box 871601
Tempe
Aarizona
85287
USA
Email: mfwojciechowski@asu.edu
Papilionoideae
Cladrastis (phylogenetics)
Galageae (phylogenetics)
Astragalus (phylogenetics)
Oxytropis (phylogenetics)

Mr. Alfredo Wong-León
Dep. de Botánica
Instituto de Biología
Apartado Postal 70-233
C.P.04510 C.U. Del. Coyoacán
Mexico
DF
Mexico
Email: wong@servidor.unam.mx
Phaseolus (floral biology)

Dr. Michael Woods
 Biology Department
 Troy State University
 Troy
 Alabama
 36082
 USA
 Email: mwoods@trojan.troyst.edu
 Apios
 Cochlianthus

Ming-Jou Wu
 Dept. of Science Education
 National Hualien Teachers College
 123, Hua-His, Hualin 970
 Taiwan
 People's Republic of China
 Email: mjwu@sparc2.nhltc.du.tw

Prof. Gennadi P. Yakovlev
 Popov Street, 14
 Chemical-Pharmaceutical Institute
 197022 St. Petersburg
 Russia
 Email: alex@pharm.spb.su
 Sophoreae (former USSR, Central Asia)
 Leguminosae (former USSR, Central Asia)

SP.MP. Nasih Yuwono
 Sekip Unit 1
 Yogyakarta
 55281
 Indonesia
 Email: nasih@faperta.ugm.ac.id
 Soil fertility

Lic. Enrique Zalocchi
 Lab. Plantas Vasculares (75)
 Facul. Cien. Exactas y Naturales
 Pab II, 4 piso, Lab. 74, Ciudad Univ.
 1428 Buenos Aires
 Argentina
 Email: zalocchi@spvasc.edu.ar
 Phaseolus
 Prosopis
 Vigna (chemotaxonomy)

Dr. James L. Zarucchi
 Missouri Botanical Garden
 P.O. Box 299
 St. Louis
 Missouri
 63166-0299
 USA
 Email: zarucchi@mobot.mobot.org
 Leguminosae (neotropical)

Prof. Dianxiang Zhang
 South China Institute of Botany
 Academia Sinica
 Guangzhou 510650
 People's Republic of China
 Email: dx-zhang@scib.ac.cn
 Archidendron (Chinese)
 Bauhinia (molecular systematics)
 Cercideae (phylogeny and pollination ecology)
 Cercis (biosystematics, molecular systematics)
 Fabaceae (cladistics)

Dr. Zdzisława Zimniak-Przybylska
 Institute of Plant Genetics
 Polish Academy of Sciences
 ul.Strzeszynska 34
 60-479 Poznan
 Poland
 Lupinus (seed proteins)
 Phaseolus (seed proteins)
 Vicia sect. Faba (seed proteins)

Svetlana A. Zymnitskaya
 Department of Botany and Ecology
 Biological Faculty, University
 Pz. Lenina, 51
 Ekaterinburg 620083
 Russia
 Astragalus (embryology)
 Trifolium (embryology)
 Trigonella (embryology)