

Curriculum Vitae

Rainer Willi Bussmann
Director William L. Brown Center
William L. Brown Curator for Economic Botany

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Academic Training

1994 Ph.D. (Botany), University of Bayreuth, Germany, Magna Cum Laude
1993 M.S. (Biology), University of Tübingen, Germany
1991-92 Study abroad, Temple University, Philadelphia, USA
1990 Study abroad, University of Nairobi, Kenya

Scholarships

Habilitation Stipend, German Science Foundation (DFG), 1999-2002

Ph.D. Scholarship in the Topic Research Program "Mechanisms for the maintenance of tropical diversity," German Science Foundation (DFG) 1993-94

M.S. Scholarship in the Topic Research Program "Mechanisms for the maintenance of tropical diversity," German Science Foundation (DFG) 1992-93

Areas of Interest

Plant Ecology and Regeneration Ecology
Seed and Germination Ecology
Natural Resource Management
Ethnobotany / Economic Botany
International law in relation to Intellectual Property Rights, Ecology and Environment

Current Projects

Vegetation, regeneration and succession processes, use-potential and conservation of tropical mountain forests in Peru

Montane forest ecosystems in Kenya - diversity and potential for use

Vegetation, regeneration and succession processes on tropical landslides

Ethnobotany and use-potential of medicinal plants and neglected crops in Peru

Medicinal plant use in India and Nepal

Turkmen ethnobotany and resource use in Northern Iran

International Ethnobotany Database (ebDB)

Positions held

- 2007 - **Director William L. Brown Center for Plant Genetic Resources and William L. Brown Curator for Economic Botany**, Missouri Botanical Garden
- 2006-2007 **Research Fellow**, The University of Texas at Austin
- 2003-2006 **Scientific Director Lyon Arboretum and Associate Professor**, University of Hawaii
- 1997-2002 **Assistant Professor**, University of Bayreuth, Germany
- 1992-1996 **Plant Ecologist / Post-doc**, University of Bayreuth, Germany
- 1988-1991 **Teaching Assistant**, University of Tübingen, Germany

Adjunct and Associate Appointments

- 2008-present **Honorary Adjunct Professor**, Washington University St. Louis
Honorary Adjunct Professor, University of Missouri, St. Louis
- 2009-present **External Thesis Advisor**, Madurai Mamaraj University, Madurai, India
- 2009-present **External Thesis Advisor**, St. Xavier's College, Palayamkottai, India
- 2005-2006 **Visiting Scholar**, The University of Texas at Austin
- 2002-2006 **Adjunct Professor & External Thesis Advisor**, University of Buea, Cameroon
- 2002-2005 **External Thesis Advisor**, Kenyatta University, Nairobi, Kenya
- 2000-2005 **Visiting Scholar**, Emory University, School of Law, Atlanta
- 2000-2005 **Adjunct Professor & External Thesis Advisor**, Maseno University, Maseno, Kenya
- 1997-2005 **External Thesis Advisor**, Universidad Nacional Loja, Ecuador

Professional Activities

- 1997-present **Vice President and Scientific Director**, Nature and Culture International, Del Mar, CA
- 1996-present **Instructor Minority Research and Training Program Peru and Advisor**, International Center of Phytomedicine, San Diego State University, San Diego, CA
- 1995-present **Permanent Research Associate**, San Diego Museum of Man (San Diego, CA)
- 2001-2004 **Project Director**, Regeneration and Ethnobotany of Kakamega and Mt. Kenya Forests, Kenya

- 2001-2004 **Project Director**, Development of Maseno University Botanical Garden, Kenya
- 1997-2004 **Project Director**, Vegetation, Regeneration Ecology and Use Potential of Tropical Mountain Forests in Southern Ecuador
- 1997-1999 **Program Coordinator**, Ecology of Disturbed and Undisturbed Tropical Mountain Forests, Ecuador
- 1996 **Expedition Director**, Vilcabamba und Cordillera de Sabanilla y Tzunantza Rapid Assessment Expedition, Ecuador
- 1992-1996 **Project Leader**, Mountain Forests of East Africa – Vegetation, Regeneration and Management, Kenya and Ethiopia
- 1990-1992 **Conservation Director**, German Mountain Club, Leutkirch Chapter
- 1985-1992 **Chair**, Natural Science working group, Adult College Leutkirch, Germany
- 1983-1992 **Field Botanist**, flora and habitat mapping program, Federal State Baden-Wuerttemberg, Germany

Military Service

- 1986-1987 1. German Mountain Division – 81. Mountain Artillery Battalion

Review and Editorial Activities

Grant Reviews

National Institutes of Health –International Cooperative Biodiversity Groups (2008-)
Commission of the European Union, 5th, 6th and 7th Framework Program Biodiversity and Global Change (2000-)
Czech Academy of Science (2005-)
Gesellschaft fuer Technische Zusammenarbeit – German Development Agency (1998-)
Swiss National Science Foundation (2005-)
South African Science Council (2008-)
Volkswagen Foundation (1999-)

Editor in-Chief	Lyonia (2003-2006)
Editor	Ethnobotany Research and Application (2008-)
Deputy Editor	Ethnobiology and Ethnomedicine (2009-)
Associate Editor	Ethnobiology and Ethnomedicine (2004-2009) International Journal of Ecology & Development (2006-) Sciéndo (2006-)

Reviewer for International Scientific Journals

Arnaldoa, BMC Complementary and Alternative Medicine, African Journal of Pharmacy and Pharmacology, African Journal of Plant Science, Caribbean Journal of Science, Conservation and Society, Economic Botany, Ecotropica, Ethnobotany Research and Applications, Forest Ecology and Management, Ghana Journal of Forestry, Herbalgram, International Journal of Sociology and Anthropology, Israel Botanical Journal, Journal of Biogeography, Journal of East African Natural History, Journal of Ethnobiology, Journal of Ethnobiology and Ethnomedicine, Journal of Ethnopharmacology, Journal of Epithelial Biology & Pharmacology, Journal of Horticulture and Forestry, Journal of Tropical Forest Science, Ethnobotany Research and Application, Mountain Research and Development, Pharmaceutical Biology, Phytochemistry, Plant Ecology, Sinet – Ethiopian Journal of Science, Trees, Vegetation Ecology

Service to professional Societies

Botanical Society of America – Chair Economic Botany Section (2008-)
International Society of Ethnobiology: Member of Ethics Committee (2008-)
Society of Economic Botany: Council Member (2008-)
Society of Ethnobiology: Board Member (2008-)

Congress organization

11th William L. Brown Symposium, St. Louis, MO, November 7-8, 2008.

47th IAVS (International Association for Vegetation Science) Congress, Hawaii, July 18-23, 2004:
Member of organizing committee

2nd Congress of Biodiversity in the Andes and Amazon Basin and IV. Ecuadorian Botanical Congress, Loja, Ecuador, August 25–30 2003: Member of organizing committee, keynote speaker

1st International Congress on Conservation of Biodiversity in the Andes and the Amazon Basin, Cusco, Peru, September 24-28, 2001: Conference organizer and president

Grant support

- 2009** Semomyx Inc. - North America plant collection and consulting contract (\$ 80,000)
- NSF-DBI, “Open Science – an education network in ethnobiology” (Co-PI, \$ 368,173)
- NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2008 (through San Diego State University, Bob Pozos PI, \$ 35,000)
- New Chapter Organics support for “Sacred Seed Program” (\$ 12,500)
- National Center for Natural Product Research Plant collection contract (\$60,000)
- Alice H. Brown Memorial donation (\$5,000)
- Alice H. Brown estate to support William. L. Brown Center (\$ 35,000)
- 2008** Sequoia Sciences support for William L. Brown Symposium “Ethnobotany – Linking Biology and Traditional Knowledge” (PI, \$ 10,000)
- National Center for Natural Product Research Plant collection contract (\$60,000)
- Edward Mallinckrodt Jr. Foundation support for William L. Brown Symposium “Ethnobotany – Linking Biology and Traditional Knowledge” (PI, \$ 15,000)
- Semomyx Inc. - North America plant collection contract (\$ 10,000)
- NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2008 (through San Diego State University, Bob Pozos PI, \$ 40,000)
- 2007** NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2008 (through San Diego State University, Bob Pozos PI, \$ 40,000)
- 2005** Gordon and Betty Moore Foundation Research and Conservation Grant „Parque Nacional Rio Abiseo, Reserva Comunal Cordillera Colan, Reserva Alto Mayo, Peru“ (Co-PI, through Nature and Culture International, \$1,780,000)
- NIH-MIRT Minority Research and Training Grant Peru 2005 (through San Diego State University, Bob Pozos PI, \$ 20,000)
- 2004** USDA-T-STAR Grant “Controlling Invasive Species through the Use of Native Plant Agroforestry Systems“ (Co-PI, \$ 114,500)
- NIH-MIRT Minority Research and Training Grant Peru 2004 (through San Diego State University, Bob Pozos PI, \$ 30,000)
- 2003** NIH-MIRT Minority Research and Training Grant Peru 2003 (through San Diego State University, Bob Pozos PI, \$ 30,000)

- 2002** German Science Foundation Grant "Vegetation and Ecology of Southern Ecuadorian Mountain Forests" (PI, \$50,000)
- University of Hawaii Start-up Funds (PI, \$100,000)
- NIH-MIRT Minority Research and Training Grant Peru 2002 (through San Diego State University, Bob Pozos PI, \$ 30,000)
- 2000** German Ministry for Education and Research Grant "Vegetation, Ecology and Use of Kakamega Forest, Kenya," and Establishment of Maseno Botanical Garden (PI, \$350,000)
- Equipment for Kakamega Research Project, Kenya (PI, Nature and Culture International, \$10,000)
- 2000-present Co-Initiation of Program "Biota-East" of the Biodiversity Monitoring Transect Analysis in Africa of German Ministry for Education and Research (Total funding \$6,000,000)
- 1999** German Science Foundation Habilitation Stipend "Vegetation and Ecology of Southern Ecuadorian Mountain Forests", (PI, \$100,000)
- 1997** German Science Foundation Postdoctoral Grant "Vegetation and Ecology of Southern Ecuadorian Mountain Forests", (PI, \$100,000)
- 1997-present Co-Initiation of the Research Program "Functionality of a Tropical Mountain Forest in South Ecuador - Diversity, Dynamic Processes and Use Potential" of German Science Foundation (Funding \$4,500,000 from 1997-2001, since 2001 funding upgraded to \$ 2,500,000/year until 2012)
- 1996** Grant for Establishment of Estacion Cientifica San Francisco, Ecuador (PI, Nature and Culture International, \$500,000)
- 1995** Rapid Assessment Expedition Southern Ecuador (PI, Private, \$20,000)
- Expedition Grant "Ethnobotany of Southern Ecuador" (PI, Private, \$10,000)
- 1993** German Science Foundation Ph.D. and Postdoctoral Grant "Vegetation and Ecology of East African Mountain Forests" (PI, \$100,000)
- 1992** M.S. Grant "Vegetation and Ecology of East African Mountain Forests" by German Research Foundation (PI, \$ 25,000)

Graduate students - Advisor or committee member

Doctoral Dissertations

- Kunwar, R.** Diversity and indigenous use of plant resources in West Nepal.
- Souto, T.** Ethnoecology and forest dependency level of four indigenous and non-indigenous communities in the Lower Caura River, Venezuela.
- Lozano, P.** Vegetation and regeneration of natural landslides in the montane forests of Southern Ecuador.
- Kiefer, S.** Regeneration and use potential of important species in the lower montane forests Kakamega District, Kenya.
- Njoroje, G.** Land use and use of forest resources, particularly medicinal plants, in the Mount Kenya region, Kenya. 2004.
- Ochieng Nyunja R.** Land use and use of forest resources, particularly medicinal plants, in the Kakamega region, Kenya. 2004.
- Fonge, B.** Vegetation recovery on lava flows of different successional age on Mt. Cameroon, Cameroon. 2004.

Masters Theses

- Fraiola, H.K.** Documenting recovery: An assessment of regeneration and selected management actions in the Waianae Kai Forest Reserve after a wild-fire, 2005.
- Lozano, D.F. & Sarango, S.P.** Vegetación Pionera de los Derrumbos de la Franja Occidental del Parque Nacional Podocarpus, 2005.
- Uday, V.** Distribución Florística del bosque de neblina montano en la Reserva Tapichalaca, Cantón Palanda. – Floristic distribution in two plots in the cloud forest of Reserva Tapichalaca, Canton Palanda; 2003.
- Werner, F.** Epiphytenzonierung im Höhengradienten der montanen Bergwälder der Estación Científica San Francisco, Ecuador - Epiphyte zonation in the altitudinal gradient of the mountain forests of Estación Científica San Francisco; 2002.
- Homann, P.** Vegetation communities of the upper montane forest in Estación Científica San Francisco, Ecuador; 2001.
- Torracchi, S.C. & Escobedo V., R.** Estado de conservación del bosque y su influencia en la diversidad alfa de briófitas en la Estación Científica San Francisco - Conservation status of forest and its influence on Alpha-Diversity of Btyophytes in Estación Científica San Francisco; 2001.
- Leischner, B.** Holznutzung und Holzmarkt in den Provinzen Loja und Zamora-Chinchipe, Süd-Ecuador - Timber use and timber market in the provinces of Loja and Zamora-Chinchipe, South Ecuador; 2000.
- Gálvez, J.R.** Estudio florístico y dasométrico del bosque tropical de montaña no perturbado de la Estación Científica San Francisco - Floristic and dasiometric study of the undisturbed tropical mountain forests of Estación Científica San Francisco; 2000.
- Ordoñez, O.R.** Estudio dasométrico y composición florística y regeneración natural del bosque alterado de montaña de la Estación Científica San Francisco - Dasiometric study and floristic study of the disturbed tropical mountain forests of Estación Científica San Francisco; 2000.
- Ohi, C.** Vegetation on natural landslides in the tropical mountain forest of southern Ecuador, with special consideration of the altitudinal gradient. 2000.
- Alvarado, R.P.** Levantamiento de la cubierta vegetal en la Reserva Biológica de la Estación Científica San Francisco y diagnostico socio-economico del area de influencia - Vegetation cover in the Biological Reserve of Estación Científica San Francisco and socio-economic profile of its area of influence; 1999.
- Lange, S.** Ecology and regeneration of the subalpine *Hagenia* forests on Mt. Kenya; 1996.
- Gottwald, A.** Klassifizierung der Reservestoffe von Samen wichtiger ostafrikanischer Bergwald-Baumarten sowie ihre Keimungsstrategien und Transpirationsraten im ökologischen Vergleich - Classification of the seed-nutrients of importante Eastern-African Mountain Forest tree species and their germinantion strategies and transpiration behaviour in an ecological comparison; 1994.

Courses Taught at Graduate and Undergraduate Level

Medicinal Botany (Lecture/Seminar)

Economic Botany (Seminar)

Biodiversity Conservation (Seminar)

Ethnobotany and Tropical Plant Ecology (Field Class in Northern Peru)

Vegetation Community Ecology (Lecture/Seminar, Field Class)

Ethnobotany / Economic Botany (Lecture/Seminar)

Vegetation and Ecology of Tropical and Temperate High Mountain Systems (Lecture/Seminar)

Arctic and Alpine Plant Communities: Vegetation, Ecology and Physiology (Lecture/Seminar)

Conservation, Management and Sustainable Use of Natural Resources (Lecture/Seminar)

International Law, Biodiversity Convention and Intellectual Property Rights (Lecture/Seminar)

Systematic Botany / Plant Taxonomy (Lecture, Lab/Field Class)

Introductory Botany, Plant Morphology and Anatomy (Lecture, Lab Class)

Mentoring Activities

Planting Science (2009-); Washington University SURF (2009-)

Professional Memberships

AETFAT (Association for the Taxonomic Study of the Flora of Africa), Association of Tropical Biology and Conservation, Botanical Society of America, Bavarian Botanical Society, East Africa Natural History Society, Funbotanica (Ecuadorian Botanical Society), German Society for Tropical Ecology, Global Mountain Biodiversity Assessment (GMBA), GLORIA (Global Observation Research Initiative in Alpine Environments), International Society for Ethnobiology, International Society for Ethnopharmacology, Society for Conservation Biology, Society for Economic Botany, Society for Ethnobiology

Professional Presentations

Conference Presentations and Public Lectures: Over 200 worldwide

TV Documentaries About Own Research:

2001 "Humboldt's Heirs – The Valley of Longevity," Ecuador, ZDF – Public German Television

2002 "Valley of Longevity," Ecuador, ARD – Public German Television

Language Proficiency

English: Fluent (reading, writing, speaking)

Spanish: Fluent (reading, writing, speaking)

French: Intermediate (reading) Elementary (writing), Elementary (speaking)

German: Native

Latin seven years studied

Fieldwork and Research Experience

Collection of over 20,000 numbers and field research in 35 countries and territories: Austria, Belgium, Bolivia, Bosnia-Herzegovina, Czech Republic, Cyprus, Croatia, Ecuador, Ethiopia, France, French-Polynesia, Germany, Greece, Hawai'i, Hungary, India, Iran, Kenya, Kyrgyzstan, Madagascar, Mexico, Netherlands, Peru, Russia, Serbia, Slovenia, Sri Lanka, Sweden, Switzerland, Tanzania, Thailand, Turkey, UAE, United States (20 States), Viet Nam.

2009 Bolivia, Ecuador – October-November
2009 Peru – June-July
2009 Costa Rica – May
2008 Viet Nam – September-October
2008 Peru – June-July
2008 Madagascar – August-September
2007 Peru – June-August
2006 Peru – July
2006 Ecuador – September
2005 Peru – August
2005 Ecuador – August and November
2004 Thailand – November
2004 Sri Lanka – November
2004 Spain – September
2004 Peru – April and July
2004 Iran – October
2004 India – October-November
2004 French Polynesia – April
2003 Peru – August
2003 Ecuador – August
2002 Kenya – October-November
2002 Kenya – March
2002 Ecuador – June-July and October
2001 Spain – May-June
2000 Peru – August-October
2000 Peru – April-May
2000 Mexico – February
2000 Kyrgyzstan – August
2000 Ecuador – May, August and October
2000 Bolivia – May
1999 Peru – September
1999 Ecuador – April, July and October
1998 Spain – February-March
1998 Ecuador – January, July and October
1997 Spain – May-June
1997 Ecuador – March-July and September-December
1996 Spain – May-June
1996 Mexico – December
1996 Kenya – July
1996 France – May
1996 Ethiopia – February
1996 Ecuador – September-November
1995 Kenya – April-July
1995 Ethiopia – November
1995 Ethiopia – March
1995 Ecuador – September
1994 Tanzania – August
1994 Kenya – January-August
1993 Kenya – February-July and November-December
1992 Kenya – February-July

1991 Sweden – July
1991 Ecuador – February-April
1990 Turkey – July
1990 Sweden – August-September
1990 Kenya – February-April
1990 France (Bretagne) – November
1989 Kenya – February-April
1987 Greece – February-April
1985 Cyprus – March-April

Publications

PAPERS

1. Restrepo, C., Walker, L.R., Shiels, A.B., **Bussmann, R.W.**, Claessens, L., Fisch, S., Lozano, P., Negi, G., Paolini, L., Poveda, G., Ramos-Scharrón, C., Richter, M. & Velázquez, E. (2009). Landsliding and its multi-scale influence on mountainscapes. *BioScience* 59(8), 685-698.
2. **Bussmann, R.W.**, Sharon, D., Diaz, D., Cardenas, R., Chait, G., Castro, M., Regalado, S., Del Toro C., R., Malca G., G., Perez A, F., Glenn, A. (in press). Antibacterial activity of medicinal plant species in Northern Peru. *Arnaldoa* 16(1).
3. **Bussmann, R.W.**, Sharon, D., Castro, M., Cardenas, R., Chait, G., Regalado, S., Del Toro C., R., Malca G., G., Perez A, F. & Glenn, A. (in press). Phyto-Chemical Analysis of Peruvian Medicinal Plants. *Arnaldoa* 16(1).
4. Kunwar, R.M. & **Bussmann, R.W.** (2009). Medicinal, Aromatic and Dye Plants of Baitadi and Darchula Districts, Nepal Himalaya: status, uses and management. In: Hartmann, M. & J. Weipert: Biodiversität & Naturlausstattung im Himalaya, Bd. III, p. 475-489, Erfurt.
5. Sheikh, M.A., Kumar, M. & **Bussmann, R.W.** (2009). Altitudinal variation in soil organic carbon stock in *Pinus roxburghii* and *Quercus leucotrichophora* forests in Garhwal Himalayas. *Carbon Balance and Management* 4:6, <http://www.cbmjournals.com/content/4/1/6>.
6. **Bussmann, R.W.** & Sharon, D. (2009). Markets, Healers, Vendors, Collectors, – the sustainability of medicinal plant use in Northern Peru. *Mountain Research and Development* 29(2): 128-134.
7. Njoroge, G.N. & **Bussmann, R.W.** (2009). Ethnotherapeutic management of Sexually Transmitted Diseases (STDs) and reproductive health conditions in Central Province, Kenya. *Indian Journal of Traditional Knowledge* 8(2), 262-269.
8. **Bussmann, R.W.**, Sharon, D. (2009). Naming a phantom – the quest to find the identity of *Ulluchu*, an unidentified ceremonial plant of the Moche culture in Northern Peru. *Journal of Ethnobiology and Ethnomedicine* 5(8). <http://www.ethnobiomed.com/content/5/1/8>
9. **Bussmann, R.W.**, Téllez, C. & Glenn, A. (2009). *Plukenetia huayllabambana* (Euphorbiaceae) – a new useful species from the Upper Amazon of Peru *Nordic Journal of Botany* 27: 313-315 .
10. **Bussmann, R.W.** & Sharon, D. (2009). Shadows of the colonial past – diverging plant use in Northern Peru and Southern Ecuador. *Journal of Ethnobiology and Ethnomedicine* 5(4). <http://www.ethnobiomed.com/content/5/1/4>
11. Kunwar, R.M., Upreti Y., Burlakoti, C., Chowdhary, C.L. & **Bussmann, R.W.** (2009) Indigenous use and ethnopharmacology of medicinal plants in Far-west Nepal. *Ethnobotany Research and Application* 7, 5-28.
12. Kuwar, R.M., Chowdhary, C.L. & **Bussmann R.W.** (2008). Diversity, utilization and management of medicinal plants in Baitadi and Darchula districts, farwest Nepal. *The Initiation* 2(1): 157-164.
13. **Bussmann, R.W.**, Barocio, Y., Díaz P., D. & Sharon, D. (2008). Peruvian Plants Canchalagua (*Schkuhria pinnata* (Lam.) Kuntze), Hercampuri (*Gentianella alborosea* (Gilg.) Fabris), and Corpus Way (*Gentianella bicolor* (Wedd.) J. Pringle) prove to be effective in the treatment of acne. *Arnaldoa* 15(1): 149-152.
14. Kunwar, R.M. & **Bussmann, R.W.** (2008). Ethnobotany in the Nepal Himalaya: a review. *Journal of Ethnobiology and Ethnomedicine* 4:24. <http://www.ethnobiomed.com/content/pdf/1746-4269-4-24.pdf>
15. **Bussmann, R.W.**, Sharon, D. & Ly, J. (2008). From garden to market? The cultivation of native and introduced medicinal plant species in Cajamarca, Peru and implications habitat conservation. *Ethnobotany Research and Application* 6: 351-361.
16. Kiefer, S. & **Bussmann, R.W.** (2008). The potential energy demand and challenges for forest management in the Kakamega area, W-Kenya. *Ethnobotany Research and Application* 6: 353-371.
17. **Bussmann, R.W.**, Sharon, D., Fredy, P., Díaz, D., Ford, T., Rasheed, T. & Silva, R. (2008). Antibacterial activity of Northern-Peruvian Medicinal Plants - a low cost laboratory approach to assess biological activity. *Arnaldoa* 15(1): 127-148.
18. **Bussmann, R.W.** (2008) William L. Brown Center for Plant Genetic Resources. *Mountain Forum Bulletin* July 2008, 52-53.
19. Lozano, P., **Bussmann, R.W.**, Kueppers, M. & Lozano, D. (2008). La flora pionera de derrumbos naturales en ecosistemas montanos al occidente del Parque Nacional Podocarpus (Ecuador). *Caldasia* 30(1): 1-19.
20. Revene, Z., **Bussmann R.W.** & Sharon, D. (2008). From Sierra to Coast: Tracing the Supply of Medicinal Plants in Northern Peru – a plant collector's tale. *Ethnobotany Research and Application* 6: 15-22. www.ethnobotanyjournal.org/vol6/i1547-3465-06-015.pdf.
21. Rodriguez R., E.F., **Bussmann, R.W.**, Arroyo A., S.J., López M., S.E. & Briceño R., J. (2007). *Capparis scabrida* (Capparaceae) una especie del Norte del Perú y Sur del Ecuador que necesita conservación urgente. *Arnaldoa* 14(2): 269-282. <http://www.scielo.org.pe/pdf/arnal/v14n2/a08v14n2.pdf>

22. Lozano, P.; **Bussmann R.W.** & Kueppers, M. (2007). Regeneración Pionera en Deslizamientos de Tierra producidos por Perturbaciones Antropogénicas Junto a carreteras, en la Zona de Amortiguamiento del Parque Nacional Podocarpus, Ecuador. *Cinchona* 8 (1) 126-135.
23. **Bussmann, R.W.**, Sharon, D., Vandebroek, I., Jones, A. & Revene, Z. (2007). Health for sale: The medicinal plant markets in Trujillo and Chiclayo, Northern Peru. *Journal of Ethnobiology and Ethnomedicine* 3:37. <http://www.ethnobiomed.com/content/3/1/37>.
24. Lozano, P., **Bussmann, R.W.** & Kueppers, M. (2007). Regeneración pionera en derrumbos producidas por perturbaciones antropogénicas junto a carreteras, en la zona de amortiguamiento del Parque Nacional Podocarpus, Ecuador. - Anthropogenic disturbances producing "landslides"; pioneer plant regeneration analysis in roads at the buffer zone of Podocarpus National Park, Ecuador. *Mutisia*.
25. Lozano, P., **Bussmann, R.W.** & Kueppers, M. (2007). Diversidad Florística del Bosque Montano y su Influencia en la Flora Pionera en Deslizamientos Naturales en el Occidente del Parque Nacional Podocarpus al Sur del Ecuador. *Revista Científica UDO Agrícola* 7(1).
26. Lozano, P., **Bussmann, R.W.** & Kueppers, M. (2007). A Checklist of pioneer plant regeneration on natural and anthropogenic landslides on the eastern side of Podocarpus National Park-Southern Ecuador. *Redesma* 1(2), <http://revistavirtual.redesma.org/vol2/informacion.php>.
27. Verma, A., Kumar, M. & **Bussmann, R.W.** (2007). Medicinal plants in an urban environment: The medicinal flora of Banares Hindu University, Varanasi, Uttar Pradesh. *Journal of Ethnobiology and Ethnomedicine*. 3:35. <http://www.ethnobiomed.com/content/3/1/35>.
28. Lozano, P., **Bussmann, R.W.** & Kueppers, M. (2007). Influencia de los bosques montanos como regeneradores de áreas antropicas perturbadas - The role of montane forests as source for the regeneration of anthropogenically disturbed areas. *Arnaldoa* 14(1).
29. Njoroge, G.N. & **Bussmann, R.W.** (2007). Ethnotherapeutic management of skin diseases among the Kikuyus of Central Kenya. *Journal of Ethnopharmacology* 111: 303-307.
30. **Bussmann, R.W.**, Sharon, D., Lopez, A. (2007). Blending Traditional and Western Medicine: Medicinal plant use amongst patients at Clinica Anticona in El Porvenir, Peru. *Ethnobotany Research and Application* 5: 185-199. www.ethnobotanyjournal.org/vol5/i1547-3465-05-185.pdf
31. Njoroge, G.N. & **Bussmann, R.W.** (2006). Traditional management of Ear, Nose and Throat (ENT) diseases in Central Kenya. *Journal of Ethnobiology and Ethnomedicine* 2:54. <http://www.ethnobiomed.com/content/2/1/54>
32. **Bussmann, R.W.** (2006). Manteniendo el balance de naturaleza y hombre: La diversidad florística andina y su importancia por la diversidad cultural – ejemplos del Norte de Perú y Sur de Ecuador. *Arnaldoa* 13(2): 382-397.
33. Sharon, D. & **Bussmann, R.W.** (2006). Avances de la etnobotánica en Trujillo, Peru: El programa MHIRT. *Arnaldoa* 13(2): 398-406.
34. **Bussmann, R.W.** & Sharon, D. (2006). Traditional plant use in Northern Peru: Tracking two thousand years of health culture. *Journal of Ethnobiology and Ethnomedicine* 2:47. <http://www.ethnobiomed.com/content/2/1/47>.
35. Skoczen, S. & **Bussmann, R.W.** (2006). Olorien - A package for Journal creation and management. *Lyonia* 11(2): 61-70. <http://www.lyonia.org/downloadPDF.php?pdfID=2.491.1>
36. Skoczen, S. & **Bussmann, R.W.** (2006). ebDB - an International Ethnobotany Database. *Lyonia* 11(2): 71-81. <http://www.lyonia.org/downloadPDF.php?pdfID=2.492.1>
37. **Bussmann, R.W.** & Sharon, D. (2006). Traditional plant use in Southern Ecuador. *Journal of Ethnobiology and Ethnomedicine* 2:44. <http://www.ethnobiomed.com/content/2/1/44>
38. Njoroge, G.N. & **Bussmann, R.W.** (2006). Ethnoveterinary practices in Central Kenya: Plants and their uses in managing diseases of livestock. *Journal of Ethnopharmacology* 108: 332-339.
39. **Bussmann, R.W.** (2006). Ethnobotany of the Samburu of Mt. Nyiru, South Turkana, Kenya. *Journal of Ethnobiology and Ethnomedicine* 2:35. <http://www.ethnobiomed.com/content/2/1/35>
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