

## CURRICULUM VITAE

**Marie-Stéphanie SAMAIN**, Gent, Belgium, 7 October 1978

Assistant Professor

Ghent University, Department of Biology, Research Group Spermatophytes  
K.L. Ledeganckstraat 35, B-9000 Gent, BELGIUM

- 2003: Master in Biology-Botany (Ghent University): “The Cyperaceae of Bénin for the ‘Flore Analytique du Bénin.’” (with award for the best botanical thesis).
- 2008: PhD in Sciences: Biology (Ghent University): “Tackling Pandora’s Box. Order out of chaos in the giant genus *Peperomia* (Piperaceae).”
- Field work in Bolivia, Chile, Colombia, Ecuador, Kenya, Mexico, Peru, and Surinam.
- 27 publications (22 refereed articles, 1 book, 1 book chapter, 3 scientific reports), about taxonomy, morphology and phylogeny of different groups of flowering plants, the most important about *Peperomia* (Piperaceae), *Hydrangea* (Hydrangeaceae) and Cyperaceae.
- Description of 2 new subfamilies and 4 new species of Angiosperms.
- 26 presentations on international congresses, symposia and workshops.
- Member of the Royal Belgian Botanical Society, Belgian Dendrological Society, Friends of the Royal Botanic Gardens, Kew, International Association for Plant Taxonomy, American Society of Plant Taxonomists, Cactus and Succulent Society of America, Sociedad Peruana de Cactus y Suculentas, Deutsche Kakteen-Gesellschaft, British Cactus and Succulent Society, IUCN/SSC Global Tree Specialist Group.
- Language knowledge: Dutch, English, Spanish, French, German.

### Selection of relevant publications

- **SAMAIN, M.S.**, REYNDERS, M. & GOETGHEBEUR, P. (2006). *Kyllinga beninensis* (Cyperaceae), a new species from Bénin. *Novon* 16: 516-519.
- **SAMAIN, M.S.**, MATHIEU, G., VANDERSCHAEVE, L., WANKE, S., NEINHUIS, C. & GOETGHEBEUR, P. (2007). Nomenclature and typification of the subdivisional names of the genus *Peperomia* (Piperaceae). *Taxon* 56: 229-236.
- **SAMAIN, M.S.**, VANDERSCHAEVE, L., CHAERLE, P., GOETGHEBEUR, P., NEINHUIS, C. & WANKE, S. (2009). Is morphology telling the truth about the evolution of the giant genus *Peperomia* (Piperaceae)? *Plant Systematics and Evolution* 278: 1-21.
- **SAMAIN, M.S.**, VRIJDAGHS, A., HESSE, M. GOETGHEBEUR, P., JIMÉNEZ RODRÍGUEZ F., STOLL, A., NEINHUIS, C. & WANKE S. (2010). *Verhuellia* is a segregate lineage in Piperaceae: more evidence from flower, fruit and pollen morphology, anatomy and development. *Annals of Botany* 105: 677-688.
- **SAMAIN, M.S.**, WANKE, S. & GOETGHEBEUR, P. (2010). Unraveling extensive paraphyly in the genus *Hydrangea* s.l. with implications for the systematics of tribe Hydrangeae. *Systematic Botany* 35: 593-600.
- RIVERA HERNÁNDEZ, J.E. & **SAMAIN M.S.** (2011). Where has *Aristolochia tricaudata* (Aristolochiaceae) gone? New record of a critically endangered species in Oaxaca, Mexico. *Revista Mexicana de Biodiversidad*: in press.
- **SAMAIN, M.S.**, MATHIEU, G., PINO, G., SYMMANK, L., CIEZA, N., NEINHUIS, C., GOETGHEBEUR P. & WANKE S. (2011). The geophytic *Peperomia* subgenus *Tildenia* (Piperaceae) in the Andes with the description of new species in a phylogenetic framework. *Plant Ecology and Evolution*: in press.
- MATHIEU, G., SYMMANK, L., CALLEJAS, R., WANKE S., NEINHUIS, C., GOETGHEBEUR P. & **SAMAIN, M.S.** (2011). New geophytic *Peperomia* (Piperaceae) species from Mexico, Belize and Costa Rica. *Revista Mexicana de Biodiversidad*: in press.

**Esteban Manuel MARTÍNEZ SALAS**, Tezoyuca, state of Mexico, Mexico, 3 August 1954

Academic Herbarium Technician, coordinator of exploration of the National Herbarium of Mexico (MEXU)

Departamento de Botánica, Herbario Nacional, Instituto de Biología, Universidad Nacional Autónoma de México

Circuito exterior s/n., Ciudad Universitaria, Copilco, Coyoacán, A.P. 70-233 México, Distrito Federal. C.P. 04510, MEXICO

- 1980: Licentiate in Biology (Universidad Autónoma Metropolitana, Unidad Iztapalapa).
- Field work in Mexico, Guatemala, Nicaragua and Honduras.
- Collected 50,000 specimens deposited in the National Herbarium of Mexico. This material has been used amongst others for the description of 1 new family, 10 genera and 500 species.
- 92 publications (40 refereed articles, 52 book chapters) about flora, vegetation and taxonomy, the most important about *Lacandonia schismatica*, the flora of Calakmul (Campeche) and the Lacandon Forest (Chiapas).
- Description of 2 new genera and 10 new species of Angiosperms.
- Coordinator of the Floras room of the National Herbarium of Mexico.
- Various prizes and awards for being a meritorious botanist, amongst others the Premio al Mérito Botánico, Sociedad Botánica de México (2001).
- Language knowledge: Spanish, English.

#### Selection of relevant publications

- **MARTÍNEZ, E. & RAMOS, C. H.** (1989). Lacandoniaceae (Triuridales): Una nueva familia de México. *Annals of the Missouri Botanical Garden* 76: 128-135.
- **MARTÍNEZ E., RAMOS, C. H. & CHIANG, F.** (1994). Lista Florística de la Lacandona, Chiapas. *Boletín de la Sociedad Botánica de México* 54: 99-177.
- **MARTÍNEZ, E., TOLEDO, V. M. & RAMOS, C. H.** (1999). Vegetación de Las Cañadas, Chiapas. *Revista Chapingo Serie Ciencias Forestales y del Ambiente* 5(1): 15-26
- **MARTÍNEZ, E., SOUSA S., M. & RAMOS, C. H.** (2001). XXII. Región de Calakmul, Campeche. *Listados Florísticos de México*, Instituto de Biología, UNAM, México, 55 pp.
- **MARTÍNEZ S., E. & GALINDO-LEAL, C.** (2002). La vegetación de Calakmul, Campeche, México: Clasificación, descripción y distribución. *Boletín de la Sociedad Botánica de México* 71: 7-32, with map.
- **MARTÍNEZ, E.** (2003). Comunidad Lacandona. La Deforestación en 24 regiones PRODERS. Comisión Nacional de Áreas Naturales Protegidas SEMARNAT, México, pp. 52-61, 5 maps
- **MARTÍNEZ, E.** (2010). Apuntes botánicos (Láminas: 0102-1,3; 0163-2,3,4,5; 0177-1,2; 1424-1,2,3,4,5,6,13; 1512-1,2,4; 1567-1; 1568-1,3,4; 1569-1; 1605-4; 1606-2,3; 1607-2,3; 1608-2,3; 1609-2; 1610-1,2,4; 1767-1,2; 1815-2,3; 1823-1; 1830-1; 1841-2; 1850-1,2; 1856-3; 1857-5; 1864-2; 1870-2,3; 1877-1,2,3; 1879-1; 1881-2,3; 1888-1; 1897-1,2; 1898-1; 1900-1,2,3,4; 1906-1,2; 1907-3,4; 1908-1,2; 1909-3,6; 1910-2; 1912-1,2; 1914-3; 1915-3; 1928-3,4; 1930-der; 1932-1,2; 1935-1; 1936-2; 1938-2; 1972-3; 1973-1,2,5; 1975-1,2,3,4; 1977-1,2; 1979-3; 1994-1,3,4; 1997-6; 1998-1; 1999-2). In: J. LABASTIDA, E. MORALES, J.L. GODÍNEZ, M.H. FLORES, F. CHIANG, A. VARGAS & M.E. MONTEMAYOR (coordinators), José Mariano Mociño y Martín de Sessé: *La Real Expedición Botánica a Nueva España*. Universidad Nacional Autónoma de México y Siglo XXI Editores, México, México D. F., Vol. 11, pp. 160-293.

**Francisco HERNÁNDEZ NAJARRO**, Comitán de Domínguez, Chiapas, Mexico, 22 November 1970

Head of office of the Herbarium CHIP

Departamento de Flora de la Dirección de Botánica Dr. Faustino Miranda

Instituto de Historia Natural

Apartado Postal 6, 29000 Tuxtla Gutiérrez, Chiapas, MEXICO

- 1993: Technical Analyst Programmer (Instituto de Programación y Computación del Grijalva, Tuxtla Gutiérrez, Chiapas)
- 2005: Licentiate in Biology (Escuela de Biología, Universidad de Ciencias y Artes de Chiapas): “Germinación de Flor de Corazón (*Talauma mexicana* (DC.) Don.)”
- Further specialization during 21 courses and workshops within the fields of informatics and botany.
- Field work in southeast Mexico.
- Participation in many floristic inventory studies throughout Chiapas.
- Responsible for six floristic projects of the Herbarium CHIP in specific areas in Chiapas.
- Collaboration in 20 publications or theses, including field work, identification, supervision, in many groups of Angiosperms.
- 14 presentations on Mexican congresses, symposia and workshops.
- Organisation of 11 expositions, workshops or meetings in Chiapas.
- Language knowledge: Spanish, English.



The key personnel in action during the exploring field trip in January-February 2011: A. Marie-Stéphanie Samain pressing specimens of a new *Hydrangea* species in Santa Martha, Veracruz; B. Esteban Martínez climbing a tree to collect a new *Hydrangea* species on the volcano Tacaná near the border with Guatemala, Chiapas; C. Francisco Hernández, preparing for a photo of the team of collectors and local children after collection on the volcano Tacaná, Chiapas; D. Esteban Martínez and Marie-Stéphanie Samain discussing with the Lacandones in Nahá, Chiapas.