

\*(as written by Leonardo L. Co as of November 3, 2010)

#### Personal Data:

Married to Glenda F. Co, with one daughter, Linnaea Marie F. Co

**Birthdate:** 29 December 1953

**Birth place:** Manila, Philippines.

**Nationality:** Filipino

**Language proficiency:** Filipino (native tongue), English (excellent written and oral communication), Chinese (Mandarin and Hokkien, fair oral and reading comprehension), Ilokano, a northern Philippine language (fluent).

#### Professional Data and History:

**Education:** BS Botany, University of the Philippines–Diliman, June 2008.

**Areas of Interests:** Taxonomy of Philippine Vascular Plants, Forest Ecology, Useful Plants, native forest restoration, popular biodiversity conservation education and awareness building

#### Relevant professional positions held:

Currently a Lecturer at the Institute of Biology, College of Science, University of the Philippines, Diliman, Quezon City.

July 1996–31 August 2009. Senior Botanist, Biodiversity Analysis, Synthesis and Monitoring Unit, Conservation International–Philippines. Lead person in generating botanical inputs for biodiversity monitoring and outcomes definition, forest restoration strategy, etc. in the three terrestrial corridors (ie. Sierra Madre, Palawan and Eastern Mindanao) of CI's Philippine Program; assist in forging research collaborative ventures with various government and non government entities.

January 2000 – Present. Principal Investigator, Palanan Forest Dynamics Plot Project, Northern Sierra Madre Natural Park, Palanan, Isabela. This 16–hectare biodiversity research facility is a collaborative venture between CI, the Center for Tropical Forest Science of the Smithsonian Tropical Research Institute, Arnold Arboretum of Harvard University, and the Institute of Biology, University of the Philippines.

January 1993–December 1995. Free-lance consultant for various Environmental Impact Assessment (EIA) projects conducted from Luzon to Mindanao.

January 1991–December 1992. Field Botanist, Conservation International– Philippines.

January 1990–present. Adjunct curator, Herbarium, Institute of Biology, College of Science, University of the Philippines.

July 1981–December 1989. Researcher, Medicinal Plants of the Cordillera Region book project. CHESTCORE, Baguio City. This project culminated in the publication of a resource book for community-based health programs in the Cordillera region (see under Publications heading, below) in 1989.

August 1976–July 1981. Research Assistant, "Inventory of Endangered, Rare, Vanishing, and Economically Important Species of Philippine Flora and Fauna" Project, UP Natural Science Research Center–Ministry of Natural Resources (UPNSRC–MNR).

#### Extension services:

Conducts routine plant identification services for students and the general public at the Herbarium, Institute of Biology, University of the Philippines Diliman. Regularly appears in public speaking forums on biodiversity conservation.

#### Membership in professional organizations

2008–present. NGO sector representative, National Wild Flora Council (NWFC), Protect Areas and Wildlife Bureau–Department of Environment and Natural Resources (PAWB–DENR). The NWFC is a technical body created by the DENR to assist itself in the formulation of policies and guidelines regarding sustainable use of plant resources in the Philippines.

2007–present. Founding President, Philippine Native Plant Conservation Society.

2004–present. Member, Philippine Plant Conservation Committee (PPCC), PAWB–DENR. This is the technical body responsible for the compilation of the National Red List of Threatened Plants as per requirement of the Wildlife Act and DAO 2007–1.

2003–present. Member, Laksambuhay Conservation, Inc.

1997–present. Member, Wildlife Conservation Society of the Philippines

#### Publications

Barcelona, JF, PB Pelsler, DS Balete & L Co. 2009. Taxonomy, Ecology and Conservation Status of Philippine Rafflesia (Rafflesiaceae). In: Blumea 54 (1): 77–93.

Barcelona, JF, LL Co, DS Balete and NA Bartolome. 2009. Rafflesia aurantia (Rafflesiaceae): a new species from northern Luzon, Philippines. In: Garden's Bulletin Singapore 61 (1) (2009) 17–28.

Fernando, ES, LL Co, DA Lagunzad, WS Gruezo, JF Barcelona, DA Madulid, A Baja–Lapis, GI Texon, AC Manila, & PM Zamora. 2008. Threatened Plants of the Philippines: A Preliminary Assessment. In: Asia Life Sciences, Supplement 3: 1–52.

J Chave, R Condit, HC Muller–Landau, SC Thomas, PS Ashton, S Bunyavejchewin, LL Co, HS Dattaraja, SJ Davies, S Esufali, CEN Ewango, KJ Feeley, RB Foster, N Gunatilleke, S Gunatilleke, P Hall, TB Hart, C Hernandez, SP Hubbell, A Itoh, S Kiratiprayoon, JV LaFrankie, SL de Lao, JR Makana, MdN Supardi, AR Kassim, C Samper, R Sukumar, HS Suresh, S Tan, J Thompson, MDC Tongco, R Valencia, M Vallejo, G Villa, T Yamakura, JK Zimmerman, EC Losos. 2008. Assessing Evidence for a Pervasive Alteration in Tropical Tree Communities. In: PLoS Biology 6 (3) e45. doi:10.1371/journal.pbio.0060045. (online free–access scientific journal).

Co, LL, JV LaFrankie, DA Lagunzad, KAC Pasion, HT Consunji, NA Bartolome, SL Yap, JE Molina, MDC Tongco, UF Ferreras, SJ Davies and PS Ashton. 2006. Forest Trees of Palanan, Philippines: A study in population ecology, 313 pp. Center for Integrative and Development Studies, University of the Philippines.

Muller–Landau, HC, RS Condit, KE Harms, CO Marks, S Thomas, S Bunyavejchewin, G Chuyong, L Co, S Davies, R Foster, CVS Gunatilleke, IAUN Gunatilleke, T Hart, SP Hubbell, A Itoh, AR Kassim, D Kenfack, JV LaFrankie, D Lagunzad, HS Lee, E Losos, J Makana, T Ohkubo, C Samper, R Sukumar, IF Sun, MN Nur Supardi, S Tan, D Thomas, J Thompson, R Valencia, MI Vallejo, G Villa Muñoz, T Yamakura, JK Zimmerman, HS Dattaraja, S Esufali, P Hall, Fangliang He, C Hernandez, S Kiratiprayoon, HS Suresh, C Wills, and PS Ashton. 2006. Comparing tropical forest tree size distributions with the predictions of metabolic ecology and equilibrium models. In: Ecology Letters 9: 589–682.

Condit, R, P Ashton, H Balslev, N Brokaw, S Bunyavejchewin, G Chuyong, L Co, HS Dataraja, S Davies, S Esufali, CEN Ewango, R Foster, N Gunatilleke, S Gunatilleke, C Hernandez, S Hubbell, R John, D Kenfack, S Kiratiprayoon, P Hall, T Hart, A Itoh, J LaFrankie, I Liengola, D Lagunzad, S Lao, E Losos, E Magard, J Makana, N Manokaran, H Navarrete, S Mohamed Nur, T Ohkubo, R Perez, C Semper, L Hua Seng, R Sukumar, JC Svenning, S Tan, D Thomas, J Thompson, M Vallejo, G Villa Muñoz, R Valencia, T Yamakura, and J Zimmerman. 2005. Tropical Tree alpha–diversity: Results from a Worldwide Network of Large Plots. In: Biol. Skr. 55: 565–582

Tongco, MDC, DA Lagunzad, LL Co & RA Tabbada. 2004. Minimum Area for Rapid Estimates of Tree Diversity in a Permanent Plot in Palanan, Isabela, Philippines. In: Agham Mindanaw 2: 27–35.

Co, LL, DA Lagunzad, JV LaFrankie, SJ Davies, NA Bartolome, JE Molina, SL Yap, HG Garcia, JP Bautista, R Araño, and EC Gumpal. 2004. Palanan Forest Dynamics Plot. In EC Losos & EG Leigh, Jr (eds). Tropical Forest Diversity and Dynamism: Findings from a large–scale plot network, --pp., The University of Chicago Press.

Brooks, T, M Abuel, L Co, O Coroza, LV Duya, A Duya, P Langhammer, A Mallari, C Morales, N Palomar, R Rodriguez, B Tabaranza, and R Trono. 2004. Targets and Priorities for Biodiversity Conservation Globally and in the Philippines. In: Agham Mindanaw 2: 1–10.

Co, LL, N Bartolome, J Molina & S Yap. Undated (publ. 2003). Pictorial Guide to the Tree and Shrub Flora of the Palanan Forest Dynamics Plot and Vicinity, Northern Sierra Madre Natural Park. Unpaginated.

Co, LL, DA Madulid and G Argent. 2002. A New Species of Vaccinium (Ericaceae) from the Philippines. In Edinburgh Journal of Botany 59 (3): 373–376 + 1 fig.

PM Zamora, GC Rivero and LL Co. 2001. Annotated Bibliography on Philippine Biodiversity: Filicopsida (Ferns), 120 pp. University of the Philippines Center for Integrative and Development Studies.

Wilson, PG & LL Co. 1998. Xanthostemon fruticosus (Myrtaceae): A New Species from the Philippines. In: Sida 18 (1): 283–286, + 1 fig.

Co, LL & BC Tan. 1992. Botanical exploration in Palanan Wilderness, Isabela Province, The Philippines: First Report. In: Flora Malesiana Bulletin 11 (1): 49–53.

Co, LL. 1989. Common medicinal plants of the Cordillera Region (Northern Luzon, Philippines), 489 pp., CHESTCORE, Baguio City

PM Zamora & LL Co. 1986. Endemic Ferns, Economic Ferns, Gymnosperms. In: Guide to Philippine Flora and Fauna, vol. II. Endemic Ferns, 210 pp.

Zamora, PM & LL Co. 1980. New Species of Ferns (Filicopsida) from Palawan,

Philippines. In: University of the Philippines Natural and Applied Science Bulletin 33:

Co, LL (ed.). 1977. A Manual on Some Philippine Medicinal Plants, 193 pp., illustr., UP Botanical Society.

**Eponymy:**

*Rafflesia leonardi* Barcelona & Pelsner, *Blumea* 53 (2008) 223, Fig. 1, plate 1.  
*Mycaranthes leonardoi* Ferreras & W Suarez, *Australian Orchid Review* 73 (2008) 3, 22.  
*Gomphandra coi* Schori, *Kew Bulletin* 65(1) (2010) in press