

## Nova Silva Cuscatlanica

### Árboles nativos e introducidos de El Salvador

Forests are the principal feature of the potential natural vegetation of El Salvador, the densely populated and highly deforested Central American country lying on the Pacific coast between Guatemala, Honduras and Nicaragua.

Knowledge of the taxonomy of the trees that constitute these forests is a prerequisite for conservation measures and sustainable use of this important natural resource. The principal objective of the *Nova Silva Cuscatlanica* is to verify the reports of trees for El Salvador as well as clarifying the application of the scientific names used for them. The work enables correct and verifiable identification of the species found in El Salvador by providing page-level access to the taxonomic literature (which contains descriptions and illustrations of the species) as well as to the herbarium specimens that prove the existence of these species in the country. Additional data include vernacular names, local and global distribution, and selected information on uses.

The work comprises three parts published over the past seven years; the families are arranged in alphabetical order within the groups of angiosperms, gymnosperms and pteridophytes, with 408 original line drawings distributed over the volumes.

Based on collection activities over the past 30 years and an in-depth revision of literature and unpublished materials, the annotated checklist of trees and arborescent species covers a total of 1191 species, 115 subspecies and varieties, and three cultivar groups, representing 1206 taxa at the most basic rank, of which 948 are considered native in El Salvador. The checklist includes the correct names along with synonyms, basionyms and nomenclatural details. A total of 10849 herbarium collections are cited, most of which can be consulted in the herbarium of the Jardín Botánico La Laguna (LAGU) in El Salvador, with duplicates in Berlin (B) and numerous other herbaria. The introduction (in Spanish, English and German) provides a summary of collection activities as well as an introduction to existing taxonomic inventories in El Salvador.

The publication was produced in its entirety from a database hosted by the Botanic Garden and Botanical Museum Berlin. Like any other scientific work, this one is based on the efforts of many people, who have provided both published and unpublished data. The title *Nova Silva Cuscatlanica* was chosen with reference to unpublished checklists of the trees of El Salvador prepared in 1958 by Paul Hamilton Allen under the title *Silva Cuscatlanica*.

Berendsohn W. G., Gruber A. K. & [vol. 1 & 2:] Monterrosa Salomón J. [vol. 3:] Rodríguez Delcid D. & Olmedo Galán P. 2009, 2012, 2016: *Nova Silva Cuscatlanica* – Árboles nativos e introducidos de El Salvador. – Berlin: Botanic Garden and Botanical Museum Berlin. – *Englera* 29 (parts 1, 2 & 3). – ISBN 978-3-921800-64-5 (part 1); 978-3-921800-82-9 (part 2); 978-3-946292-03-6 (part 3). – Paperback, 14.5 × 20.5 cm; part 1 (440 pages): introduction (in Spanish), 141 line drawings, bibliography, index; part 2 (302 pages): introduction (in English), 120 line drawings, bibliography, index; part 3: (358 pages): introduction (in German), 147 line drawings, bibliography, index. – Price: EUR 60 for the three parts (each part EUR 20).

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