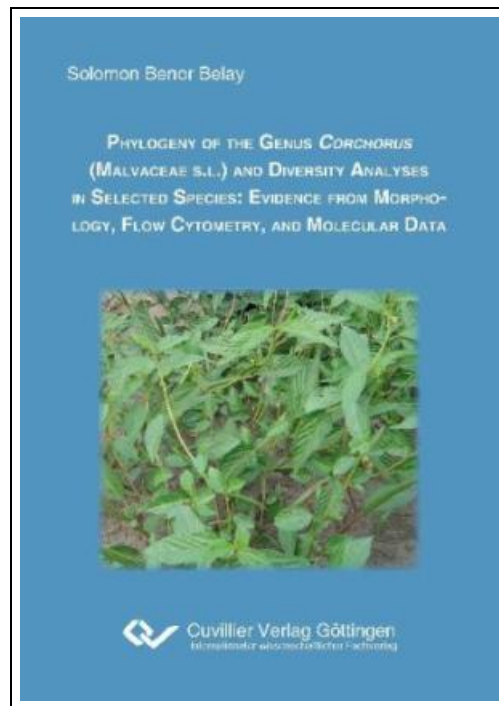


## Phylogeny of the genus corchorus (Malvaceae S.L.) and diversity analyses in selected species



Filesize: 4.04 MB

### **Reviews**

*The book is straightforward in go through easier to recognize. it was actually writtern extremely perfectly and useful. I am very happy to explain how this is actually the greatest publication i have read through within my individual life and might be he finest ebook for actually.*  
**(Gladys Conroy)**

## PHYLOGENY OF THE GENUS CORCHORUS (MALVACEA S.L.) AND DIVERSITY ANALYSES IN SELECTED SPECIES

[DOWNLOAD PDF](#)

Cuvillier Verlag Nov 2011, 2011. Buch. Book Condition: Neu. 210x147x9 mm. Neuware - This dissertation focuses on the molecular systematic analysis of the genus *Corchorus* (Malvaceae s.l.), investigated for the first time using nuclear rDNA ITS sequences, and addresses diversity of selected species, which were conducted using morphological, molecular, and flow cytometry methods. Prior to this study, little information was available regarding the biodiversity and potential use of jute (*Corchorus* species) in Ethiopian agriculture. The present study summarizes species' ecological distribution, use, and ethnobotany of *Corchorus* species in Ethiopia. About 13 species were recorded, ranking the country second in the total number of species in Africa. The study revealed low similarity in species composition between the regional states, indicating that each region has its own unique set of species. Farmers' perception, indigenous knowledge and folk taxonomy of jute species are more comprehensive in the southwest than other studied regions of the country. Although several jute species are found in Ethiopia, they are neither cultivated nor popularly used as leafy vegetables. This part of the dissertation emphasizes the need for creating of public awareness of jute in Ethiopian agriculture and recommends conservation measures for some threatened species. In addition to the species collected from Ethiopia, I included several other jute species in order to infer the phylogenetic relationships within the genus *Corchorus*. A molecular phylogenetic analysis was conducted using sequences of the nuclear ribosomal DNA internal transcribed spacer region (ITS) for 144 accessions representing about 48 species from entire pantropical distribution of the genus. In all phylogenetic analyses (maximum likelihood, Bayesian approaches, maximum parsimony), *Corchorus* is monophyletic when *Pseudocorchorus* is included. The majority of African *Corchorus* species formed a statistically highly supported and distinct clade separated from the rest of pantropically-distributed species. Species from Australia, New Caledonia and tropical America were...

[Read Phylogeny of the genus corchorus \(Malvacea S.L.\) and diversity analyses in selected species Online](#)[Download PDF Phylogeny of the genus corchorus \(Malvacea S.L.\) and diversity analyses in selected species](#)

## See Also



**Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually...

[Download Book »](#)



**Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)**

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

[Download Book »](#)



**Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)**

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

[Download Book »](#)



**The Country of the Pointed Firs and Other Stories (Hardscrabble Books-Fiction of New England)**

New Hampshire. PAPERBACK. Book Condition: New. 0874518261 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST...

[Download Book »](#)



**Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America**

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-...

[Download Book »](#)