



Anna Luiza Ilkiu Borges (Autor)  
**A taxonomic monograph of the genus *Prionolejeunea***  
**(Lejeuneaceae, Jungermanniopsida)**



<https://cuvillier.de/de/shop/publications/2339>

Copyright:  
Cuvillier Verlag, Inhaberin Annette Jentsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen,  
Germany  
Telefon: +49 (0)551 54724-0, E-Mail: [info@cuvillier.de](mailto:info@cuvillier.de), Website: <https://cuvillier.de>

**A taxonomic monograph of the genus *Prionolejeunea*  
(Lejeuneaceae, Jungermanniopsida)**

Anna Luiza Ilkiu Borges

**CONTENTS**

Abstract .....	3
Introduction .....	4
Historical Survey .....	5
Morphology and Adaptation .....	8
Merophytes .....	8
Stem Anatomy .....	9
Branching .....	11
Leaves .....	11
Underleaves and Rhizoids .....	16
Vegetative Reproduction .....	17
Sex Distribution .....	19
Androecia .....	20
Gynoecia .....	20
Sporophyte .....	22
Growth Habit .....	23
Phytogeography .....	24
Neotropical Distribution .....	24
Southern South America Distribution .....	28
African Distribution .....	29
Altitudinal Distribution .....	29
Substrate .....	30
Conservation .....	32
Classification and Generic Relationships .....	32
Phylogeny of <i>Prionolejeunea</i> .....	36
Systematic Treatment .....	45
Artificial key to the genus <i>Prionolejeunea</i> .....	48
<i>Prionolejeunea aemula</i> .....	51

<i>Prionolejeunea ampliretis</i> .....	60
<i>Prionolejeunea arguta</i> .....	63
<i>Prionolejeunea sp. nov. 1</i> .....	70
<i>Prionolejeunea sp. nov. 2</i> .....	73
<i>Prionolejeunea decora</i> .....	76
<i>Prionolejeunea denticulata</i> .....	83
<i>Prionolejeunea diversitexta</i> .....	97
<i>Prionolejeunea exauriculata</i> .....	99
<i>Prionolejeunea galliotii</i> .....	103
<i>Prionolejeunea grata</i> .....	107
<i>Prionolejeunea grollei</i> .....	114
<i>Prionolejeunea guadalupensis</i> .....	120
<i>Prionolejeunea limpida</i> .....	124
<i>Prionolejeunea magnistipula</i> .....	128
<i>Prionolejeunea meissneri</i> .....	132
<i>Prionolejeunea mucronata</i> .....	134
<i>Prionolejeunea muricatoserrulata</i> .....	140
<i>Prionolejeunea principensis</i> .....	143
<i>Prionolejeunea recurvula</i> .....	146
<i>Prionolejeunea sp. nov. 3</i> .....	149
<i>Prionolejeunea scaberula</i> .....	153
<i>Prionolejeunea schlimiana</i> .....	158
<i>Prionolejeunea trachyodes</i> .....	163
Excluded taxa .....	167
Acknowledgements .....	171
Literature Cited .....	172
Index of Scientific Names .....	188
Curriculum Vitae .....	191