



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, 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</i> sp. nov. 1	70
<i>Prionolejeunea</i> sp. nov. 2	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</i> sp. nov. 3	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