

PUERTO RICO

Selected Bryophytes of Urban and Community Forests of Puerto Rico

Amelia Merced

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Photos: Amelia Merced, Jerry Bauer, Erik J. Ruiz Parrilla, Adriel Torresola. Produced by Amelia Merced [ameliamerced@gmail.com], International Institute of Tropical Forestry, San Juan, PR 00926. This publication was made possible by the Forest Health Program of the USDA Forest Service with support from the University of Puerto Rico- Río Piedras Biology Department Herbarium (UPRRP).



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Bryophytes are small plants that include hornworts (1-2), liverworts (3-6) and mosses (8-19). They grow on diverse surfaces such as tree trunks, soil, and rocks.

Hornworts Antocerotophyta



Undifferentiated thallus; dark green; sporophyte cylindric

Liverworts Marchantiophyta



Leafy or thallose; leaves distichous; green, brown or reddish; sporophyte capsule dark and light seta

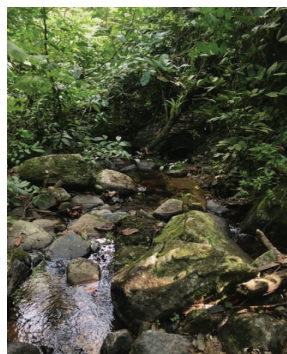
Mosses Bryophyta



Leaves spirally arranged; green to light green; sporophyte seta dark



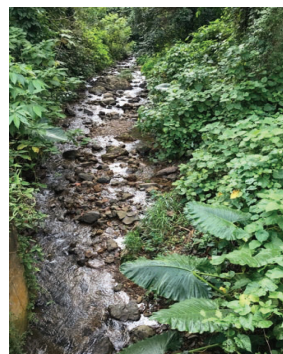
Protected Natural Area Marín Alto, Patillas



Forest Carite, Patillas



River Charco Prieto, Bayamón



National Forest El Yunque, Río Grande



Community Forest Río Hondo, Mayagüez



Cuchilla de Pandura, Yabucoa



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1 *Notothylas breutelii*
NOTOTHYLADACEAE



2 *Phaeoceros carolinianus*
NOTOTHYLADACEAE



3 *Fossombronia*
FOSSOMBRONIACEAE



4 *Lophocolea*
LOPHOCOLEACEAE



5 *Marchantia*
MARCHANTIACEAE



6 *Plagiochila*
PLAGIOCHILACEAE



7 *Philonotis*
BARTRAMIACEAE



8 *Calymperes palisotii*
CALYMPERACEAE



9 *Fissidens steerei*
FISSIDENTACEAE



10 *Leucomium strumosum*
LEUCOMIACEAE



11 *Neckeropsis disticha*
NECKERACEAE



12 *Octoblepharum albidum*
OCTOBLEPHARACEAE



13 *Groutiella apiculata*
ORTHOTRICHACEAE



14 *Crossomitrium*
PILOTRICHACEAE



15 *Callicostella*
PILOTRICHACEAE



16 *Pogonatum tortile*
POLYTRICHACEAE



17 *Hyophiladelphus agrarius*
POTTIACEAE



18 *Sematophyllum*
SEMATOPHYLLACEAE



19 *Thuidium urceolatum*
THUIDIACEAE