

EXSICCATAE OF CAROLINA *RICHARDIA* (RUBIACEAE)
STUDIED IN AN ANALYSIS OF FLORAL VARIATION

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ABSTRACT

A list of exsiccatae of *Richardia* (Rubiaceae) in the Carolinas, studied in an analysis of floral variation, is presented. The exsiccatae include specimens of both *Richardia brasiliensis* and *R. scabra*.

The genus *Richardia* L. (Rubiaceae) is represented in the Carolinas by two species – *R. brasiliensis* Gomes and *R. scabra* L. Recently, Krings (2002) analyzed the diagnostic utility of corolla tube length, as well as provided a key to the species. The objective of the present paper is to document the specimens studied by Krings (2002), as determinations have in some cases been confusing.

METHODS

Herbarium specimens were studied in the herbaria of the University of North Carolina – Chapel Hill (NCU) and North Carolina State University (NCSC). Floral data, collector information, and county of occurrence was recorded for each specimen examined.

RESULTS

The exsiccatae include 78 vouchers from North Carolina and 48 vouchers from South Carolina. Specimen data is listed alphabetically in the following arrangement: species, state, county, collector, collection number, and abbreviation of herbarium of deposit (following Holmgren et al. 1990).

Richardia brasiliensis Gomes

NORTH CAROLINA. *Justice s.n.* (NCU). **ALLEGHANY:** *Mullen 607* (NCSC). **ANSON:** *Ahles 19516* (NCU). **BEAUFORT:** *Radford 42204* (NCU). **BLADEN:** *Ahles 29142* (NCU). **BRUNSWICK:** *Hardin s.n.* (NCSC); *Kologiski 257* (NCSC, NCU); *Kologiski 320* (NCSC); *Fox 491* (NCSC); *Bradley 3325* (NCU); *Bell 13224* (NCU). **CARTERET:** *Anonymous [Fox?] 162A* (NCSC); *Kindell 195* (NCSC); *Wilson 1647* (NCU). **CRAVEN:** *Wilbur 4066* (NCSC); *Radford 40240* (NCU). **COLUMBUS:** *Bell 12655* (NCU). **CUMBERLAND:** *Ahles 29676* (NCU). **DUPLIN:** *Ahles 28422* (NCU). **EDGEcombe:** *Radford 40517* (NCU). **HARNETT:** *Dumond 416* (NCSC); *Downs 212* (NCSC); *Laing 261* (NCU). **HOKE:** *Ahles 29343* (NCU). **JOHNSTON:** *Downs 11416* (NCSC); *Radford 27997* (NCU). **LE-NOIR:** *Radford 25740* (NCU). **MONTGOMERY:** *Whitford 212* (NCSC). **MOORE:** *Downs 11642* (NCSC); *Freeman 56772* (NCU). **NEW HANOVER:** *Gillespie 448* (NCSC); *Wells s.n.* (NCSC); *McCrary 509* (NCU). **NORTHAMPTON:** *Ahles 52440* (NCU). **ONSLOW:** *McCrimmon 76* (NCSC). **ORANGE:** *Ward 70* (NCU). **PAMLICO:** *Wilbur 4046* (NCSC). **PENDER:** *Wilbur 4142* (NCSC); *Ahles 27897* (NCU); *Coker & Totten s.n.* (NCU); *Sieren 3107* (NCU); *Sieren 1426* (NCU); *Alexander s.n.* (NCU). **PITT:** *Radford 41647* (NCU). **RICHMOND:** *Lynch 74* (NCU); *Musselman 4022* (NCU); *Radford 14382* (NCU). **ROBESON:** *Fox 5569* (NCSC); *Ahles 28831* (NCU). **SAMPSON:** *Ahles 30006* (NCU); *Jensen 27* (NCU). **SCOTLAND:** *Ahles 28692* (NCU); *Sharp 2069* (NCU). **UNION:** *Ahles 34093* (NCU). **WAYNE:** *Bruton 383* (NCSC); *Bruton 447* (NCSC); *Radford 25440* (NCU); *Duke 2580* (NCU). **WILSON:** *Radford 38021* (NCU).

SOUTH CAROLINA. **AIKEN:** *Ahles 55461* (NCU). **BEAUFORT:** *Massey 3431* (NCU). **CHESTERFIELD:** *Radford 15760* (NCU). **CLARENDON:** *Radford 24571* (NCU). **COLLETON:** *Bell 2303* (NCU). **DARLINGTON:** *Smith 360* (NCU). **DILLON:** *Ahles 27722*

(NCU). **FAIRFIELD:** *Radford 44280* (NCU). **FLORENCE:** *Bell 10712* (NCU). **GEORGETOWN:** *Radford 24954* (NCU). **HORRY:** *Totten s.n.* (NCU); *Coker s.n.* (NCU); *Coker s.n.* (NCU); *Coker s.n.* (NCU). **JASPER:** *Ahles 12399* (NCU). **LEE:** *Radford 24164* (NCU). **LEXINGTON:** *Radford 27156* (NCU); *Duke 2373* (NCU); *Duke 2384* (NCU). **MARION:** *Bell s.n.* (NCU). **MARLBORO:** *Radford 12566* (NCU). **MCCORMICK:** *Radford 26176* (NCU). **ORANGEBURG:** *Ahles 31526* (NCU). **PICKENS:** *Hill 18755* (NCU). **SUMTER:** *Radford 23979* (NCU).

***Richardia scabra* L.**

NORTH CAROLINA. **BEAUFORT:** *Blair 869* (NCSC); *Radford 42044* (NCU). **CRAVEN:** *Radford 37565* (NCU); *Radford 40110* (NCU). **HENDERSON:** *Pittillo 415* (NCU). **JONES:** *Radford 36979* (NCU). **LEE:** *Stewart s.n.* (NCU). **MARTIN:** *Radford 39497* (NCU). **MONTGOMERY:** *Radford 14625* (NCU). **MOORE:** *Carter 875* (NCU). **NEW HANOVER:** *Bell 15993* (NCU). **PENDER:** *Bradley 3390* (NCU). **PITT:** *Denison s.n.* (NCU); *Denison s.n.* (NCU); *Radford 39790* (NCU). **ROBESON:** *Callihan s.n.* (NCSC). **SCOTLAND:** *Gupton 2097* (NCU); *Sharp 2241* (NCU). **STOKES:** *Radford 41290* (NCU).

SOUTH CAROLINA. *Coker s.n.* (NCU). **AIKEN:** *Miller s.n.* (NCU); *Ahles 56718*. **ABBEVILLE:** *Ellison 608* (NCU). **ALLENDALE:** *Ahles 15848* (NCU). **BAMBERG:** *Ahles 25970* (NCU); *Ahles 30435* (NCU). **BARNWELL:** *Ahles 55731* (NCU). **BEAUFORT:** *Massey 3430* (NCU); *Bradley 3429* (NCU); *Ahles 15582* (NCU). **BERKELEY:** *Ahles 30707* (NCU). **DARLINGTON:** *Smith 1310* (NCU). **EDGEFIELD:** *Radford 26477* (NCU). **FLORENCE:** *Bell s.n.* (NCU); *Bell s.n.* (NCU). **GEORGETOWN:** *Daggy 4231* (NCU). **HAMPTON:** *Bell 3919* (NCU). **HORRY:** *Duke 105* (NCU). **JASPER:** *Bozeman 11497* (NCU). **LEE:** *Radford 27296* (NCU). **LEXINGTON:** *Hill 18871* (NCU). **MARLBORO:** *Radford 15676* (NCU).

WILLIAMSBURG: *Radford 31093* (NCU).

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LITERATURE CITED

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