

NORTH CAROLINA BOTANICAL GARDEN

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Synthesis of the North American Flora by John T. Kartesz and Christopher A. Meacham

A Windows-based program and database that installs from a CD-ROM onto your hard drive and requires less than 25 megabytes of disk space.

This much expanded and updated, digital version of Kartesz's *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland, Second Edition* (Timber Press, 1994), is the most authoritative, complete reference to the vascular plants of North America ever produced. It contains a checklist with synonymy of all 28,033 species, subspecies and varieties. A distribution map for any one of the 34,842 families, genera, species, and infraspecific taxa can be displayed at the click of a mouse button. The *Synthesis* is a universal checklist for any state or province in North America. A single click on the query map shows only those taxa found in the selected state or province. A citation is provided for every one of the occurrences of a species or infraspecific taxon in a state or province, a total of 234,789 references. The location of a voucher specimen is given for nearly half of these occurrences. Logical “boolean” calculations can compare state/province floras at a click. A list of 174 biological attributes can be clicked to produce subsets with desired characteristics—for example, weedy exotic trees of Florida (a total of 46 species). This query by click technique allows nearly instantaneous access to floristic information. Scientific names with authorship can be inserted in an open text document with a single click.

About the authors

Dr. John T. Kartesz, the author of all scientific data in the *Synthesis*, is Director of the Biota of North America Program (BONAP) of the North Carolina Botanical Garden.

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