



FLORA OF NEW JERSEY PROJECT APPROVED NOMENCLATURE

FNJP Authority: Joseph Arsenault
July 2010

Family: Santalaceae – Mistletoes

(# = species, letters = varieties; Roman Numerals = synonyms as indented)

APG II revised the parasitic families that included the former Santalaceae and Viscaceae (Loranthaceae). The Flora of New Jersey stated purpose is to provide up to date nomenclature and present the current thinking for the species within our region. The mistletoes have been lumped under Santalaceae, requiring a revision to the formerly approved Viscaceae nomenclature.

Family Santalaceae – Mistletoe Family has three (3) New Jersey genera, two (2) species arboreal, and one terrestrial. I propose to list the members of this family using the following names:

1. *Commandra umbellata* Nutt., Bastard Toad-flax
2. *Arceuthobium pusillum* Peck, Dwarf Mistletoe
3. *Phoradendron leucarpum* (Raf.) Reveal & M.C. Johnson, American Mistletoe

Synonymy:

P. flavescens (Pursh) Nutt. {F, G&C}

P. flavescens Nutt. Ex Engelm.

P. serotinum (Raf.) M.C. Johnson {K&K-1981}

Viscum flavescens sensu Pursh pp non-*Viscum flavens* Sw.

North America Family/Genera Description

Arceuthobium: 19 species in northern hemisphere, NA, primarily in NW NA. *A. pusillum* Peck is NJ only representative.

Commandra Nutt. 1 Species, three varieties, across North America

Buckleya Torr. Pirate bush, 1 species of the Southeast United States

Exocarpos Labill. Ballart; 3 species endemic to the Hawaiian Islands



Flora of New Jersey

Geocaulon Fern. False Toadflax; 1 species of the Canadian Northwest and Alaska

Nestronia Raf. Leech-brush; 1 species native to Southeast United States

Pyrolaria Michx. Buffalo-Nut; 1 species of the eastern United States

Santalum L. Sandalwood; 5 species endemic to the Hawaiian Islands

Thesium L. Thesium; 1 species of the Northern Plains states

Korthalsella: 6 species restricted to the Hawaiian Islands.

Phoradendron: 23 species of west, south and east NA. *P. leucarpum* (Raf.) Reveal & M.C. Johnson is New Jersey's only species.

Viscium: 1 species limited to California.