Species name: *Heteropterys brachiata*

Category proposed: Cat. I

Proposed by and Date: Jennifer Possley, Patricia L. Howell 01/12/15

Start date of this document: 4/8/14

Document Author/s: Jennifer Possley

Common names: Redwing, Beechey’s with

Synonyms: *Heteropterys beecheyanana, Banisteria brachiata, Banisteria beecheyanana*

Has the species been vouchered? Yes

Counties with vouchered records for natural areas: Miami-Dade

Voucher data: Entail pertinent data including museum where voucher is housed (e.g. FLAS; USF, FSU, FTG, etc.). Add rows as needed.

<table>
<thead>
<tr>
<th>County</th>
<th>Locality</th>
<th>Habitat</th>
<th>Date</th>
<th>Museum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miami-Dade</td>
<td>Chernoff Hammock (EEL Preserve)</td>
<td>Hardwood hammock</td>
<td>2006</td>
<td>FTBG</td>
</tr>
<tr>
<td>Miami-Dade</td>
<td>The Barnacle State Historic Site</td>
<td>Hardwood hammock</td>
<td>2014</td>
<td>FTBG</td>
</tr>
</tbody>
</table>

Counties with non-vouchered records: None known

Name of non-vouchered natural area invaded: (1) Castellow Hammock, #31 (EEL Preserve)  
(2) Ross Hammock (EEL Preserve)

Habitats invaded: Hardwood hammock

Population density / age structure: Dense/seedlings to mature reproductive plants

Alteration observed to natural community: Native plant diversity suppressed in understory. Species that would normally be in hammock understory include seedlings/saplings of native trees like wild *Psychotria* spp., *Sideroxylon foetidissimum*, *Prunus myrtifolia*, *Coccoloba diversifolia*, etc., in addition to vines such as *Chiococca alba* and *Pisonia aculeata*. Hammocks
generally do not have many understory herbs but ones that would normally be present in these redwing-invaded hammocks include ferns (e.g. _Thelypteris_ spp) and a few grasses (e.g. _Oplismenus hirtellus_).

**Fire tolerance:** Unknown

**Native Range:** Mexico, Central America, South America

**Native Habitat:** Disturbed/secondary forest and roadsides (source: herbarium labels at [www.swdiversity.org](http://www.swdiversity.org) and “diverse dry and mesic habitats” (Anderson 2013). Tropical subdeciduous and subevergreen rainforests, tropical dry forest, and secondary vegetation (Source: Andrew Vovides, Research botanist and botanical garden curator at Instituto de Ecologia, Veracruz, MX, personal communication).

**Additional Comments:** Present on at least 10 private properties in the vicinity of Castellow Hammock in Miami’s Redland area. Some infestations are extremely dense, and have been out-of-control for decades, according to locals. Seeds are wind-dispersed. May have been introduced prior to 1967 from Colombia, by David Fairchild (see link to label under supporting documents).

**Supporting images:** (insert directly here, in reduced size)
Supporting documents: (provide citations and/or insert documents here)

http://www.virtualherbarium.org/vh/lab/3931.gif


______________ To be Filled in by List Committee following Hearing of Proposal ____________

Outcome:  Cat.I  Cat.II  TBW  Hold  Date:  01/12/15

Vote tally:  # 7 Yea  # 4 Nay  #__ Abstained  #__ Voting withheld