Hawaii's Invasive Plant Species: An interactive tool for plant identification, management and public outreach

hbs.bishopmuseum.org/invasives/keys/botany/HIInvasivePlants.html

 Invasive alien species of plants and animals within the Hawaiian Islands have a deleterious effect on human health and well-being, agriculture, commerce, and the environment.

• More than 1,300 non-native vascular plant species have been documented in the Hawaiian Islands.

 An average of 27 new naturalized species are recorded in the Hawaiian Islands per year, and 100 new island records were published in the last year.

 Rapid identification of invasive plant species in the field, and the participation of the general public in recognizing and reporting of invasive non-natives, is critical to the eradication of non-native species.

 Bishop Museum's Hawaii Biological Survey (HBS) is developing an identification tool containing more than 300 species currently listed as a noxious weeds by the State of Hawaii, of greatest invasive potential as determined by the Oahu Early Detection Team (oed@bishopmuseum.org), or have a high Weed Assessment Risk (www.hear.org/wra/) value. Hawaii's Invasive Plant Species is a web-based, interactive identification key to Hawaii's most noxious or potentially noxious weedy plant species.

• Developed using Lucid3, the key runs on any browser, can be readily updated, and has the potential for incorporating *all* species currently recognized as invasive in the Hawaiian Islands and those species that have the potential to become serious pests in the future.

 The key includes links to photographic images and illustrations, taxonomic information, and collections housed at the Bishop Museum's *Herbarium Pacificum*. The key will also ultimately be linked to information currently being accumulated in an invasive species database being developed by HBS.

 The key has been designed with field workers and land managers in mind, but it is also an educational tool for teachers, students, and the general public interested in Hawaii's ecosystems.



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Survey

Biological

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