

# Buddleia madagascariensis

## Smoke bush

*Buddleia madagascariensis* Lam.

Family: Buddleiaceae

**Description:** Sprawling shrub to 6 ft or longer, stems woolly. Leaves opposite, narrow, ovate, to 5 inches long by 2 inches wide, lower surface woolly. Flowers in terminal, cylindrical inflorescences, orange, hairy outside, smooth inside. Fruit white, ripening to bluish purple, fleshy, 0.1 inches diameter<sup>(70)</sup>. [*Buddleia davidii* Franch., butterfly bush, large branched shrubs, pale purple flowers with an orange spot, in cylindrical inflorescences. Leaves densely hairy beneath. Fruits are dry capsules. A weed on both U.S. seaboards, from Pennsylvania to North Carolina in the east and Washington to California in the west<sup>(63)</sup>. Cultivated in Kōkeʻe State Park, Kauaʻi and other areas of the state. Considered a priority problem by the Big Island Invasive Species Committee]. *Madagascariensis*, of Madagascar; *davidii* after l'Abbe Armand David (1826–1900) who collected Chinese plants<sup>(19)</sup>.

**Distribution:** A weed of forests and roadsides. Native to Madagascar. Naturalized in mesic areas on Oʻahu, Hawaiʻi (at entrance to Volcano Refuse Station), and Maui. Reported in Hawaiʻi in 1931<sup>(70)</sup>.

**Environmental impact:** Invading mesic to humid forests.

**Management:** Katie Cassel of the Kōkeʻe Natural History Museum (Kōkeʻe Museum) reported good control of stems <3 inches diameter with triclopyr ester at 20% in crop oil applied to basal bark and to larger stems that were frilled.



*Buddleia davidii*, butterfly bush