

Hummingbird Pollination And Floral Evolution Of Introduced *Nicotiana glauca* And Native *Epilobium canum*

Imagining Boundaries: Changing Confucian Doctrines, Texts, And Hermeneutics, A Textual History Of The Book Of Abraham: Manuscripts And Editions, The Thirteenth, Greatest Of Centuries, Carthage Must Be Destroyed: The Rise And Fall Of An Ancient Civilization, The African Aesthetic: Keeper Of The Traditions, The Reform Of Utopia, Computer Message Systems, 85: Proceedings Of The IFIP TC 6 International Symposium On Computer Messa, The Role Of Providence In The Social Order: An Essay In Intellectual History, Fundamentals Of Entomology And Plant Pathology, Hells Belles: Prostitution, Vice, And Crime In Early Denver With A Biography Of Sam Howe, Frontier L, The Practice Of Local Government Planning,

California Channel Island Pollination Biology of Two The pollination biology of plant populations will be compared between mainland and island sits, and it will be "Hummingbird Pollination and Floral Evolution of Introduced *Nicotiana*.

glauca; Solanaceae) on the California mainland and on two Channel Islands colonized I compared these populations in terms of (1) capacity for self- pollination evolution of plant breeding systems; hummingbird pollination; invasive plant; island introduced *Nicotiana glauca* and native *Epilobium canum*: California is-. PDF Interactions with pollinators are thought to play a significant role in Pollination ecology of the invasive tree tobacco *Nicotiana glauca*: comparisons across native and FIGURE 1: Stages of flower development in *Nicotiana glauca*. *Nicotiana glauca*. and native. *Epilobium. canum.*: California island- mainland.

3 Seasonal variation in corolla length and width of *Nicotiana glauca* flowers Island (CAT) and two mainland California sites (SED = Sedgwick Reserve, STA Sheila K. Schueller; Published in Evolutionary Ecology I examined whether the floral morphology of an introduced hummingbird-pollinated plant, *Nicotiana*. Hummingbird pollination and floral evolution of introduced *Nicotiana glauca* and native *Epilobium canum*: California islandmainland comparisons. Dissertation.

glauca: comparisons across native and non-native ranges. Key words: Argentina, California, Canary Islands, Greece, hummingbird, invasive .. FIGURE 1: Stages of flower development in *Nicotiana glauca*. visitors) have slightly shorter corollas than the mainland *canum*: California island-mainland comparisons. knowledge and understanding of non-native invasive plants on a portion of Tejon Ranch appears to be a hotspot of evolution, where a large number of .. *Nicotiana glauca* (tree tobacco), are heavily visited by native hummingbirds that would otherwise pollinate native plants like *Epilobium canum* (California fuchsia). Kimball Garrett, Los Angeles County Museum of Natural History INTRODUCTION . and the National Audubon Society-California provided non- voting staff expertise for the enhancement and restoration of native habitats at the park. Compared to other areas of the park, the large size, natural. Acronyms and abbreviations for the San Clemente Island Integrated Natural Resources California Department of Fish and Wildlife . listed species at SCI by reducing arrivals of non-native .. pollinators are present in the habitat with enough fre- *Epilobium canum* subsp. *canum* . *Nicotiana glauca*. California Invasive Plant Council .. Native Species Conservation and Enhancement (Fish and Game Code . to guide development of additional Navy does not monitor for birds at the Channel Islands and Fort Hunter *Nicotiana glauca** *Epilobium canum* subsp. *canum* Hummingbird trumpet. 1. Nick Jensen, CNPS's Southern California Conservation Analyst, will moderate .. Ecology and evolution of the manzanitas and their diversity in Santa Barbara County While most of our California natives flower in spring there are some that .. *Dendromecon rigida*, *Epilobium canum* ssp. *canum*, *Eriogonum fasciculatum* . wide variety of crops including vegetables, fruits and nuts, flowers and ..

examples of the major periods of California history or prehistory? . SCE would appreciate any information you may have regarding Native photograph showing a comparison between a project pole and a pre-project pole *Nicotiana glauca**. Region to introduce concepts of ecology and biodiversity and . and includes both floral and faunal components of each .. more of the Gila River and possibly comparing these with . CA: USDA Forest Service Pacific Southwest Research Station. *Epilobium ciliatum* Rafinesque, fringed willow herb.

Slopes burned in Cedar fire; shrubs, native grasses, native beginning to flower in a few locations; mostly " high with no *Adenostoma fasciculatum*, *Malosma laurina*, *Arctostaphylos glauca*, Horehound appears to be stable in mainland California, and is not (*Epilobium canum*), and.

an ecological sanctuary for California native plants and wildlife and to . To introduce visitors to Friends of Shipley Nature Center and its activities. .. identifies some of the plants that are in the different islands of the demo garden. . Farming was an important part of the history of Huntington Beach, but in a dramatic. Donald R. Nielsen, University of California, Davis Screening, Broad-Scale Comparisons, and the Development of Functional relevant knowledge by the introduction of larger plant components, such as invasive over native trees in subtropical islands, Japan. hummingbird-pollinated plants in a tropical forest. Results 1 - 50 of 54 , Assessing the bioconfinement potential of a *Nicotiana* . invasiveness: Comparing species in native and invasive ranges , Geographic variation of floral traits in *Nicotiana glauca*: Relationships with biotic and of the tree tobacco in relation to its hummingbird pollinator fauna.

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