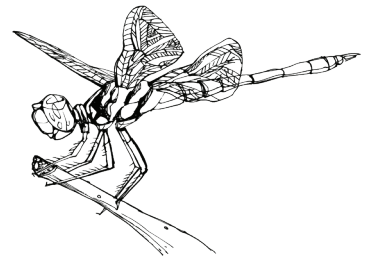


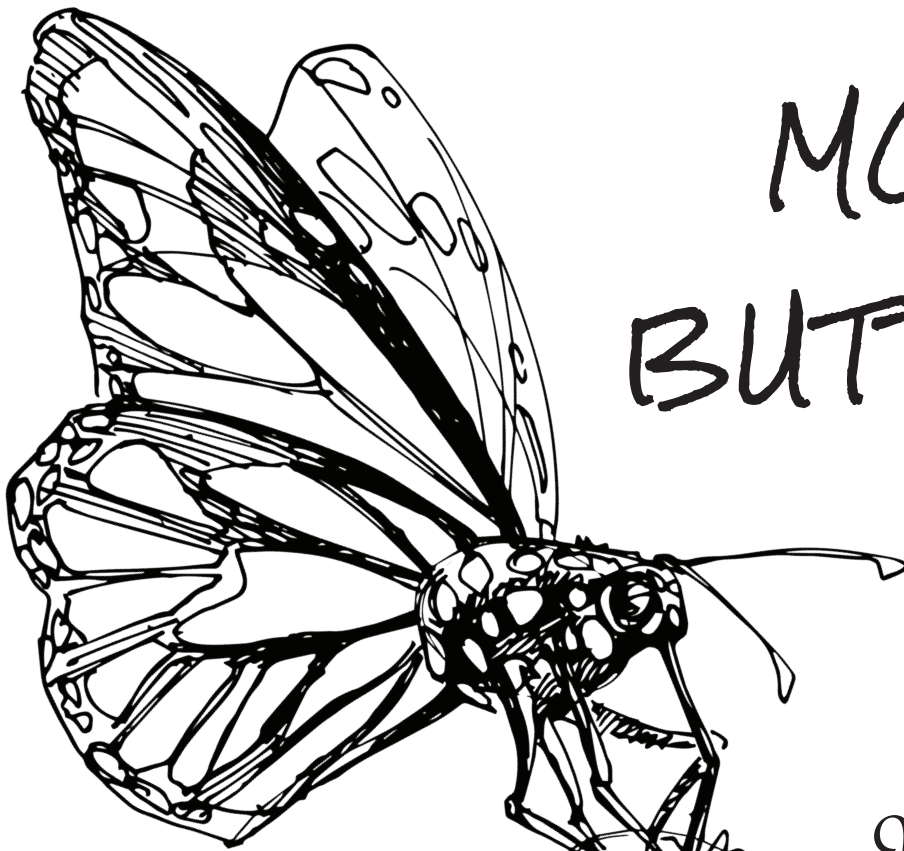
# HAWAII'S BACKYARD BUGS



presented by



# MONARCH BUTTERFLY



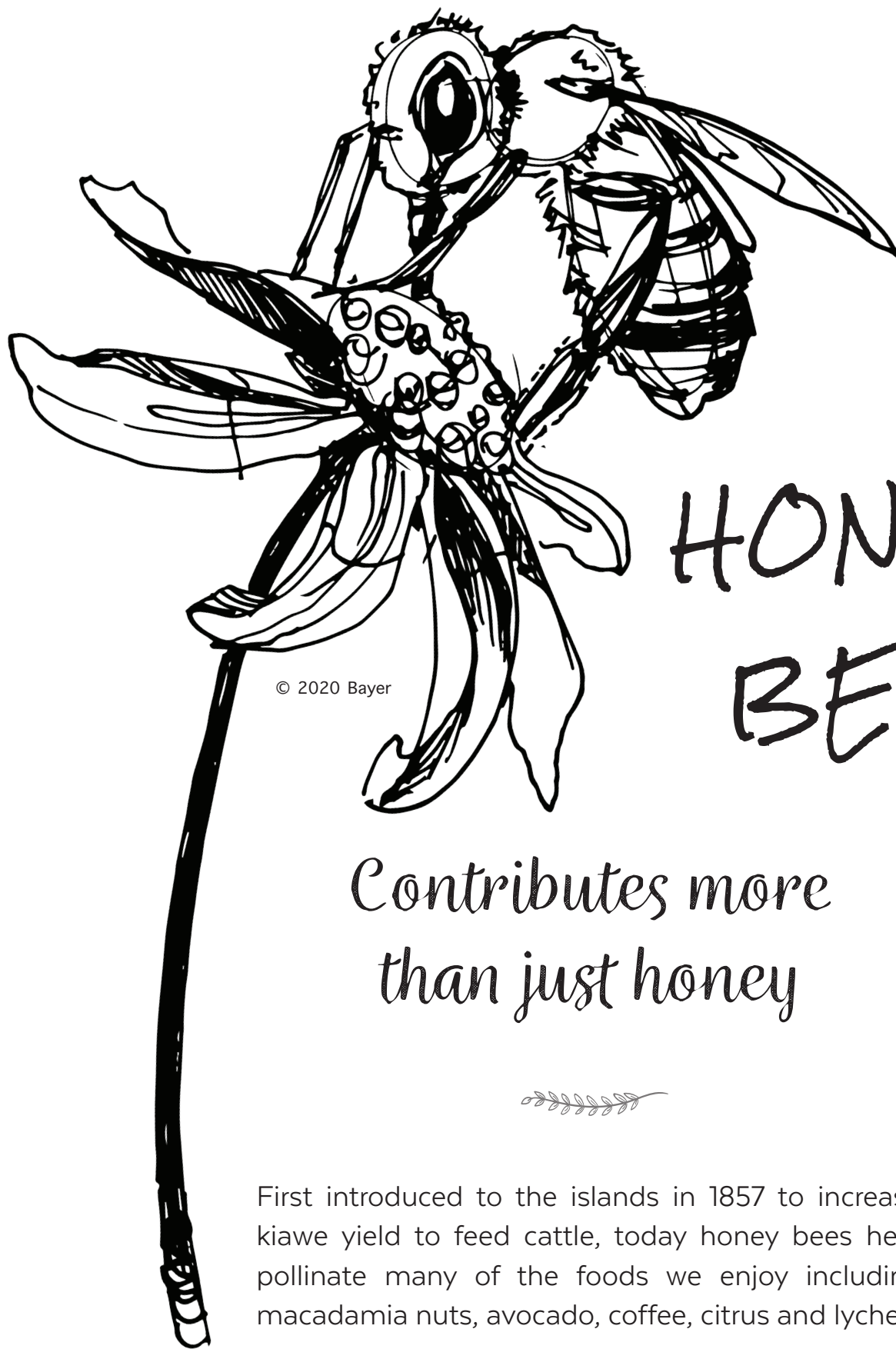
Known as the  
king or queen  
of butterflies



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Monarch butterflies help pollinate flowering crops and lay eggs on certain types of milkweed plants. In Hawaii, monarch caterpillars love crown flower trees, a member of the milkweed family.





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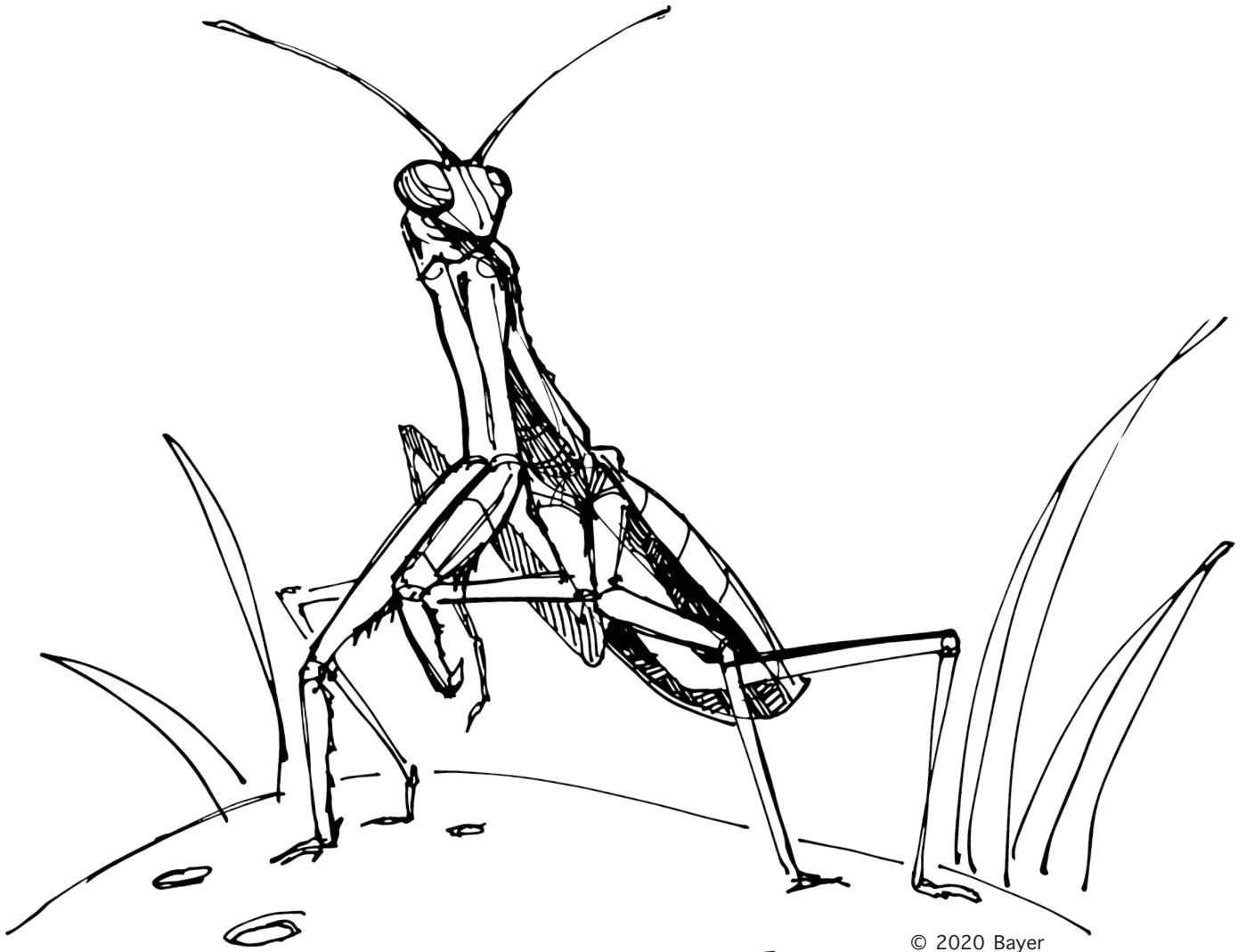
# HONEY BEES

*Contributes more  
than just honey*



First introduced to the islands in 1857 to increase kiawe yield to feed cattle, today honey bees help pollinate many of the foods we enjoy including macadamia nuts, avocado, coffee, citrus and lychee.





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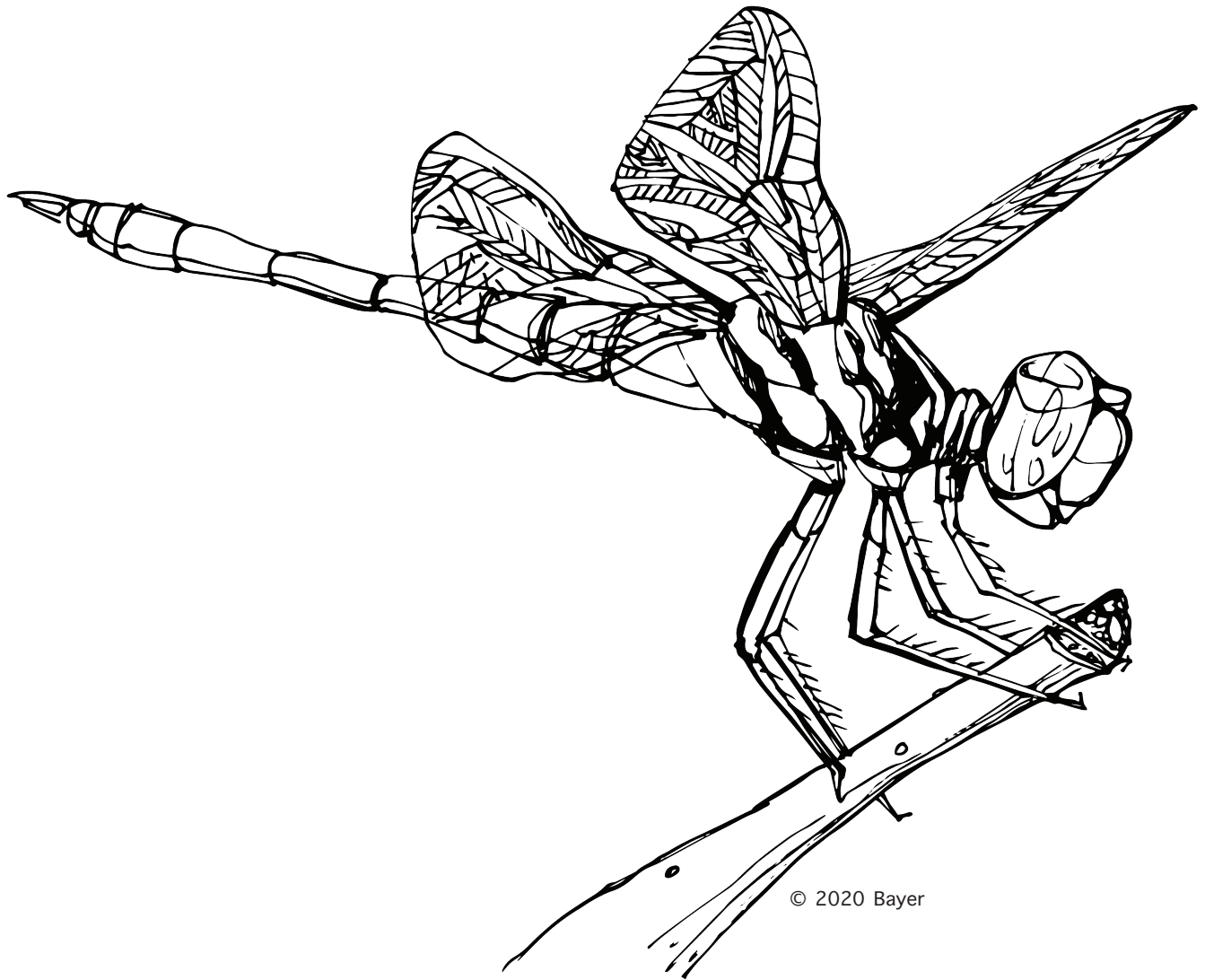
# PRAYING MANTIS

*Skilled predator*



The praying mantis hunts and feeds on a variety of prey – such as flies, crickets and moths – from the time it hatches as an immature insect called a nymph. It got its name from its prominent front legs. Mantids in Hawaii are thought to have immigrated from Australia, Java, China and Japan.





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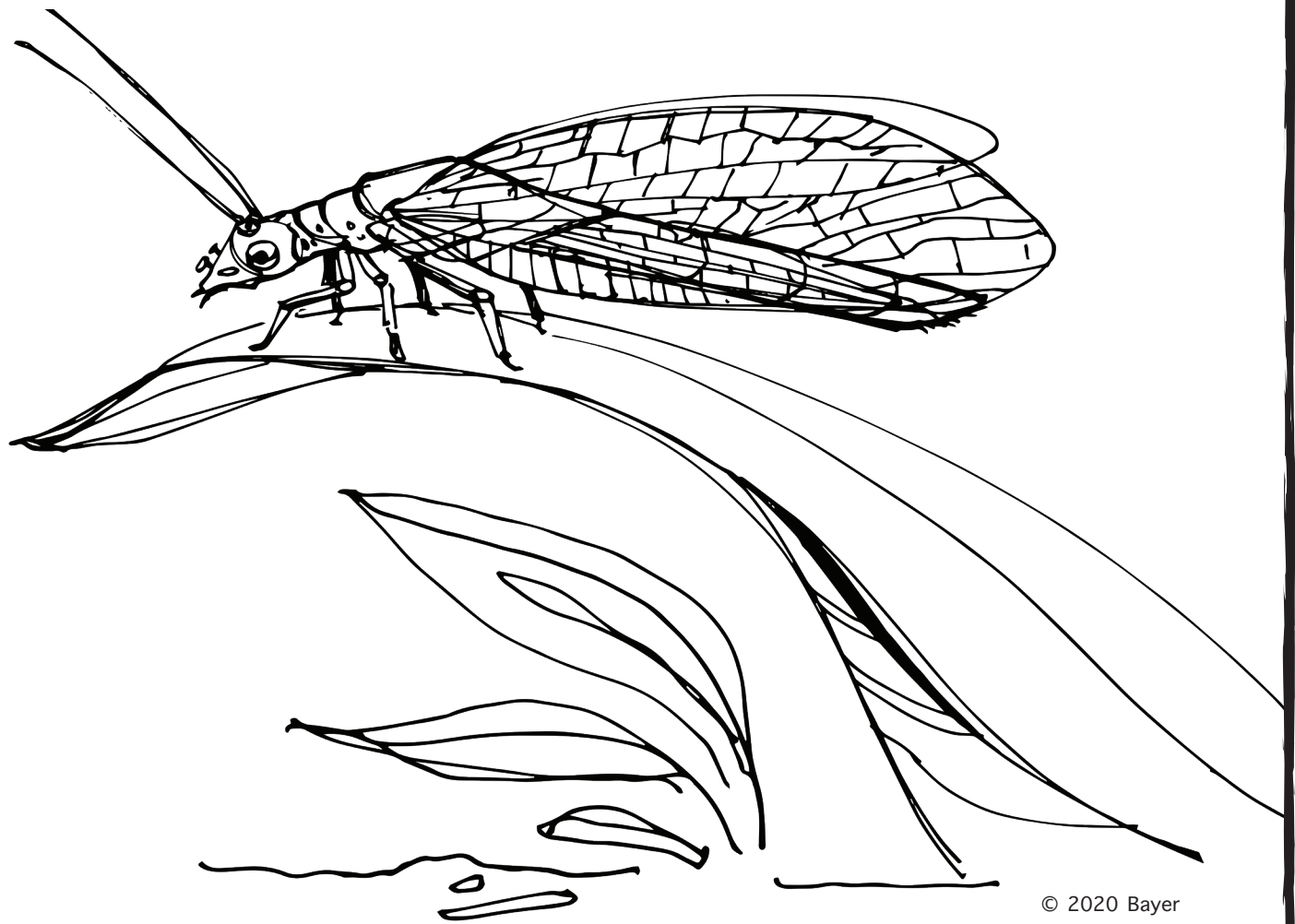
# DRAGONFLY

## *Eating on the fly*



Hawaii has many native and endemic dragonflies, the largest with a wingspan of 6 inches. Found across the islands, adult dragonflies move very quickly and can even catch and eat other bugs while in flight.





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# GREEN LACEWING

A 'good bug' that eats 'bad bugs'

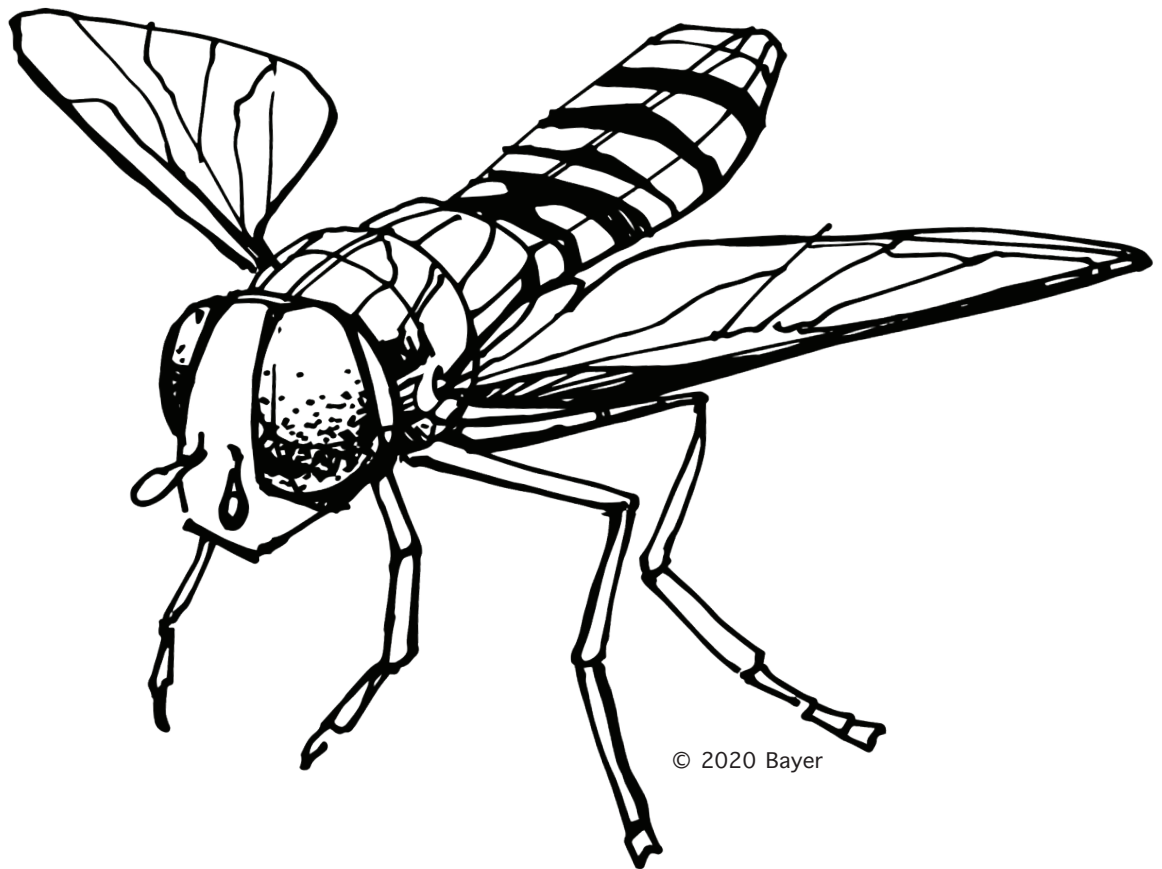


With 22 endemic species across the islands, green lacewings can help control aphids, mites, leafhoppers, mealybugs and other insect pests. In its larval stage, a lacewing can eat as many as 300 aphids.





# HOVERFLY



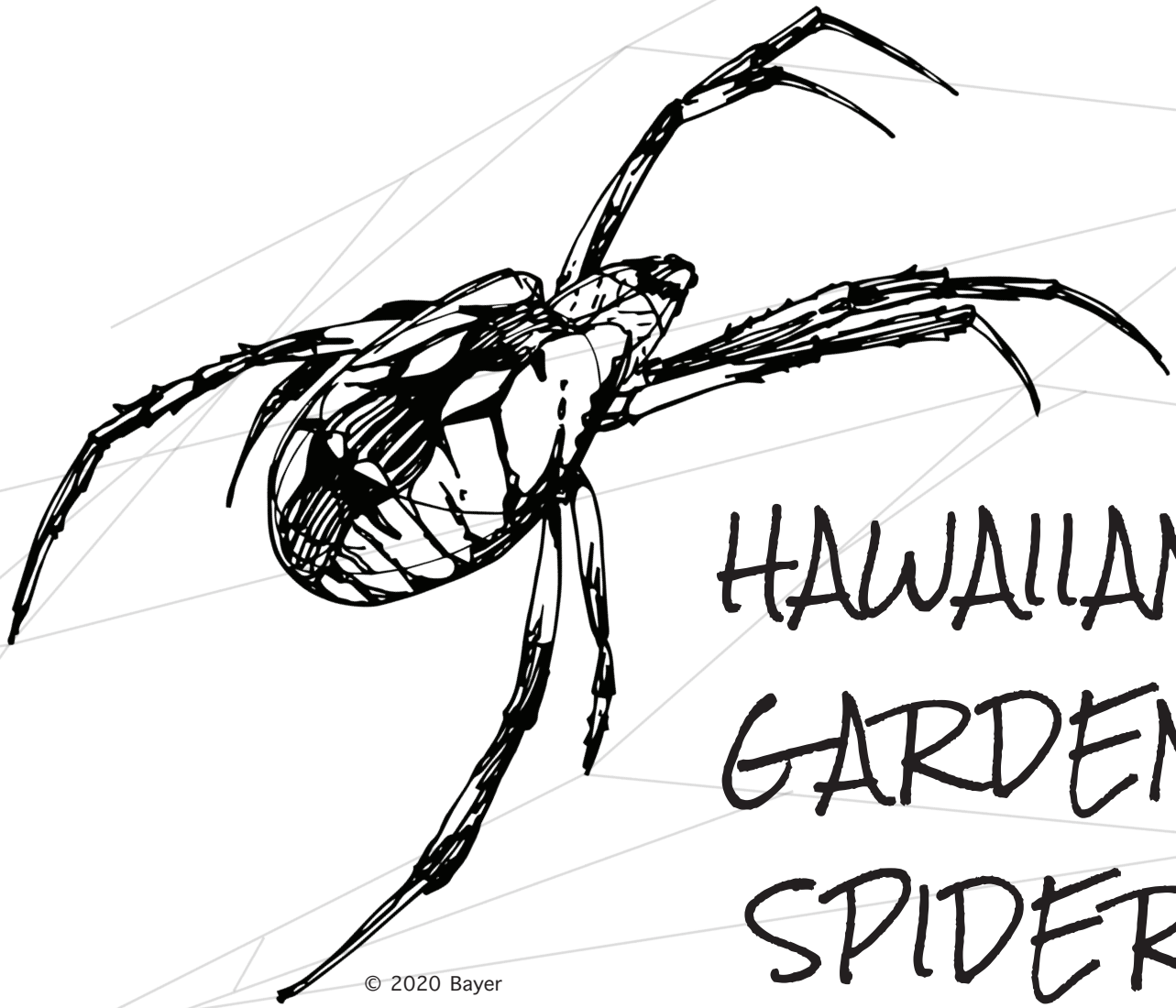
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*Both pollinator and predator*



Hoverflies feed on the nectar of flowers and serve as active pollinators of tropical fruit trees in Hawaii. Hoverfly larvae eat aphids and other pests that can damage plants.





# HAWAIIAN GARDEN SPIDER

Colorful and  
congenial bug killers



Spiders are generally beneficial for pest management because they prey on other insects. Hawaiian garden spiders are also rather amicable; they don't mind being nearby other garden spiders.

