

## Key to the geckos of Hawaii

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|----|--|--|
| 1. | a. Moveable eyelids  | not a gecko                                      |
|    | b. Eyes covered by a fixed transparent covering  | 2  |
| 2. | a. Pupil round, diurnal, usually green   | 3 (Day Geckos)                                   |
|    | b. Pupil vertical, nocturnal, usually brown or gray, never green   | 5  |
| 3. | a. Adults w/ tiny gold spots on neck and shoulders   | Gold Dust Day Gecko <i>Phelsuma l. laticauda</i> |
|    | b. Markings on neck red or blue, never yellow  | 4  |
| 4. | a. Adults w/ red markings on neck, size large (to 12 in. TL)   | Giant Day Gecko <i>Phelsuma</i>                  |
|    | <i>madagascariensis grandis</i>  |  |
|    | b. Adults w/ blue markings on neck, size small (to 5-7 in. TL)   | Orange-spotted Day Gecko <i>Phelsuma g.</i>      |
|    | <i>guimbeui</i>  |  |
| 5. | a. Bluish gray w/ numerous orange spots, size large (to 14 in. TL)   | Tokay Gecko <i>Gekko gekko</i>                   |
|    | b. Size smaller, brown or grey, never with orange spots  | 6  |
| 6. | a. Inner toe on forefoot rudimentary, enlarged chin shields absent, very slender (to 3 1/2 in. TL)                         | Indopacific Tree Gecko <i>Hemiphyllodactylus</i> |
|    | <i>typus</i>   |  |
|    | b. Enlarged chin shields present, inner toe w/ toe pad   | 7  |
| 7. | a. Dark line between eyes, another extending from the tip of the snout through the eye and onto the neck (to 3 3/4 in. TL) | Mourning Gecko <i>Lepidodactylus lugubris</i>    |
|    | <i>complex</i>   |  |
|    | b. No dark lines, larger species   | 8  |
| 8. | a. No claw on inner toe, toe pads short, rounded, not extending to the base of the toe (to 4 1/2 in. TL)                   | Stump-toed Gecko <i>Gehyra mutilata</i>          |
|    | b. Claw on inner toe, toe pads extend to the base of the toe   | 9  |
| 9. | a. Rows of enlarged spines encircle the tail (to 5 1/2 in. TL)   | Common House Gecko <i>Hemidactylus</i>           |
|    | <i>frenatus</i>  |  |
|    | b. Spines present along the tail edge only (to 5 1/2 in. TL)   | Indo-Pacific Gecko <i>Hemidactylus garnotii</i>  |

Information for this key is largely from McKeown 1996, Zug 1991.