|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Island | Year | n | Loci | Ar | Alleles | He | Ho | Gene diversity | FIS |
| Hawai‘i | 2009-2010 | 33 | 14 | 5.12 | 7.05 ± 4.07  | 0.62 ± 0.25  | 0.61 ± 0.27  |  0.61 ± 0.31  | 0.002 |
|  | 2011-2013 | 18 | 17 | 5.38 | 6.16 ± 3.76  | 0.57 ± 0.31  | 0.55 ± 0.31  | 0.57 ± 0.29 | 0.024 |
|  | 2014-2017 | 12 | 17 | 5.28 | 5.52 ± 2.91  | 0.61 ± 0.29  | 0.62 ± 0.26  | 0.58 ± 0.31 | 0.024 |
|  | 2018 | 17 | 14 | 5.31 | 6.75 ± 3.62  | 0.65 ± 0.25  | 0.62 ± 0.25  | 0.62 ± 0.32 | 0.049 |
|  | 2019 | 52 | 17 | 5.33 | 8.47 ± 4.55  | 0.63 ± 0.25  | 0.63 ± 0.25  | 0.59 ± 0.30 | -0.001 |
| Maui | 1988-1999 | 4 | 10 | - | 2.62 ± 1.03 | 0.63 ± 0.24 | 0.63 ± 0.28 | 0.44 ± 0.28 | -0.-0.120 |
|  | 2009-2011 | 9 | 17 | 4.61 | 4.82 ± 2.21 | 0.62 ± 0.26 | 0.53 ± 0.27 | 0.57 ± 0.31 | 0.135 |
|  | 2012-2013 | 12 | 17 | 4.99 | 5.76 ± 3.44 | 0.64 ± 0.26 | 0.57 ± 0.25 | 0.60 ± 0.32 | 0.102 |
|  | 2014-2015 | 11 | 17 | 4.66 | 5.17 ± 2.29 | 0.65 ± 0.22 | 0.68 ± 0.27 | 0.62 ± 0.32 | -0.040 |
|  | 2016 | 13 | 16 | 4.63 | 5.29 ± 2.78 | 0.63 ± 0.27 | 0.65 ± 0.27 | 0.57 ± 0.30 | -0.049 |
|  | 2017 | 23 | 12 | 4.40 | 5.82 ± 3.48 | 0.61 ± 0.25 | 0.59 ± 0.23 | 0.58 ± 0.30 | -0.173 |
|  | 2018 | 18 | 12 | 4.48 | 5.58 ± 2.87 | 0.59 ± 0.26 | 0.63 ± 0.30 | 0.53 ± 0.28 | -0.075 |
|  | 2019-2020 | 12 | 17 | 4.63 | 5.35 ± 2.78 | 0.59 ± 0.24 | 0.55 ±0.22 | 0.56 ± 0.29 | 0.096 |
| O‘ahu | 2011-2012 | 5 | 14 | 2.72 | 3.21 ± 1.05 | 0.54 ± 0.23 | 0.61 ± 0.31 | 0.42 ± 0.24 | -0.151 |
|  | 2013 | 13 | 7 | 3.01 | 4.31 ± 1.70 | 0.51 ± 0.25 | 0.54 ± 0.27 | 0.48 ± 0.28 | -0.097 |
|  | 2014 | 10 | 12 | 3.30 | 4.25 ± 1.88 | 0.58 ± 0.27 | 0.58 ± 0.31 | 0.54 ± 0.28 | -0.039 |
|  | 2015 – 2016 | 10 | 15 | 3.21 | 4.67 ± 1.79 | 0.63 ± 0.19 | 0.63 ± 0.18 | 0.55 ± 0.30 | -0.035 |
|  | 2017 -2018 | 10 | 15 | 2.98 | 4.00 ± 1.41 | 0.61 ± 0.17 | 0.65 ± 0.21 | 0.50 ± 0.27 | -0.070 |