



# Notornis and Birds New Zealand

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 Weights and measurements of *Anas superciliosa* in New Zealand

## Weights and measurements of *Anas superciliosa* in New Zealand

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<b>Abstract</b>	<p>Weights and body measurements from 258 male and 203 female adult (&gt;1 year) and juvenile (&lt;1 year) g (<i>Anas superciliosa</i>), were collected from freshly-shot specimens in May 1974 and 1975 at sites in North Island, New Zealand. Mean weights of adult (1069 g) and juvenile (1035 g) males were significantly greater than those of adult (967 g) and juvenile (926 g) females. Assessment of body mass relative to skeletal size using a mass-skeletal index (weight/tarsus<sup>2</sup>) did not detect any significant differences between any sex and age categories. Body measurements were of bill length and width, tarsus and middle-toe-and-claw lengths, and wing and tail lengths, and presented for each sex and age class. For every character measured, mean lengths for juvenile males were significantly longer than for juvenile females, and those for adult males significantly longer than for adult females. Within each sex, wing and tail measurements from adults were significantly longer than those from juveniles. Significant differences in field weights and some body measurements between New Zealand and Australian <i>A. superciliosa</i> were identified.</p>
<b>Attachment</b>	<b>Size</b>
 <a href="#">Williams_2017_Notornis_64_3.pdf</a>	644.94 KB

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