Watola, G. 2011. The Discovery of New Zealand's Birds. (3rd Edition in prep.) Based on: Watola, G. 2009. The Discovery of New Zealand's Birds. (2nd Edition) Arun Books, Orewa, New Zealand.
Updated and amended text supplied by George Watola, October, 2011. Page numbers follow Watola, G. 2009 (2nd Edition)
Wrybill: pp 127-128.

**Wrybill** (Ngutu pare) *Anarhynchus frontalis* Quoy & Gaimard 1830, Endemic 25/2/1827 North Shore, Waitemata Harbour, Auckland

The zoologists on the French explorer *Astrolabe* found this species in small flocks on the mudflats of the Hauraki Gulf (Quoy & Gaimard 1830). The *Astrolabe* had visited the Hauraki Gulf, passing between the main coastal islands on the west side of the Gulf during 25–27 February. Quoy and Gaimard shot a Wrybill on the 25th, when they landed on the North Shore in Waitemata Harbour (Fleming 1983). Gray (1861) said it was "represented in the 'Voyage of the Astrolabe' with a deformed bill. The bill is perfectly straight in most specimens".

Potts (1871) described its breeding habits forty years later. Potts (1870) called it the "Crook-billed Plover", Bowdler-Sharpe (1875) & Buller (1878), the Wry-billed Plover in 1878, but Buller later reverted to the Crook-billed Plover. In 1888, he settled on Wry-billed Plover. The famous bent bill is an ecological adaptation, and is not a sufficient reason to separate the Wrybill into a separate genus according to Holdaway et al. (2001). A molecular study by Baker et al (2007) found that the Inland Dotterel *Charadrius australis* and the Red-kneed Dotterel *Erythogonys cinctus* formed a clade with the Wrybill.