The Grey Teal was first collected by Buller (1869) on the Oroua River, near its junction with the Manawatu River, in 1866. This site is near Rangiotu, between Himatangi and Palmerston North.

“I obtained my first specimens of this somewhat rare Duck (in 1866) on the Oroua stream, near its junction with the Manawatu, in the Province of Wellington. I observed that on being disturbed from the marsh where they were apparently feeding they rose high in the air, and came down suddenly into the creek with a rapid, oblique, and rather awkward flight. On the water they kept near to each other, and I killed both at one shot. They proved, on dissection, to be male and female; I found the skin very tender, and the flesh extremely delicate, with fat of a bright yellow colour.

I afterwards saw a pair on the wing, passing over one of the freshwater lagoons of the Upper Manawatu, the white alar bar being very conspicuous; and, subsequently, I obtained a fine specimen in the flesh from Napier. It is comparatively plentiful in some of the sulphur-springs at Ohinemutu, and was so formerly at Rotomahana, where, as Captain Mair informs me, he once killed as many as eleven at a single shot on the water. It sometimes swims in pairs, but usually associates in small flocks of a dozen or more. It is easily distinguished from all the other species by the conspicuous white bar on the wings. Its form is remarkably slender and graceful, the contour of the body being almost as elongate as that of a Gannet” (Buller 1888).