Scarlett's Duck *Malacorhynchus scarletti* Olson 1977
This duck was described from bill fragments collected from the famous Pyramid Valley moa swamp, near Waikari, North Canterbury. Falla listed this species as *Malacorhynchus* sp. in 1941. Oliver thought that they probably belonged to the Pink-eared Duck, as the bones were geologically young. Olson (1977) formally described this species after re-examination of these bones. It is a very rare bird in the fossil record which has been found at very few sites in New Zealand.

**SUB-FOSSIL SPECIES**

These species are considered to have become extinct since human settlement in the 14th century.

Up to 64 species and 20 genera of Moa have been recognized over the last 160 years. Turbott (1990) recognized 11 species in two families, Emeidae and Dinornithidae. Baker et al. (2005) using ancient DNA analysis found that there were fourteen lineages of Moa, which they thought probably corresponded to 14 distinct species.