Order PROCELLARIIFORMES: Albatrosses, Petrels, Prions and Shearwaters


Family PROCELLARIIDAE Leach:
Fulmars, Petrels, Prions and Shearwaters


Subfamilies Procellariinae and Fulmarinae and shearwater subgenera Ardenna, Thyellodroma and Puffinus (as recognised by Checklist Committee 1990) are not accepted here given the lack of agreement about to which subgenera some species should be assigned (e.g. Austin 1996, Nunn & Stanley 1998, Kennedy & Page 2002, Austin et al. 2004). The arrangement of species used here follows the traditional order of Jouanin & Mougin (1979), except for the placement of the more recently accepted genera Lugensa and Pseudobulweria. Imber (1985d) concluded that Lugensa should follow the fulmar species and that Pseudobulweria should follow Procellaria. Penhallurick & Wink (2004) also found a close relationship between Pseudobulweria and Procellaria and Bretagnolle et al. (1998) concluded that Pseudobulweria was closely related to shearwaters, so here Pseudobulweria is placed between Procellaria and Calonectris.

Prion of Lacépède (1799: 14) has been associated with species now recognised as belonging to Pachyptila Illiger, 1811, but it is a nomen dubium (Mathews & Iredale 1913: 236, Iredale 1913: 25, Mathews 1922: 166). Priamphus Rafinesque (1815: 72), based on Prion Lacépède, is also a nomen dubium.

The following names of relevance to New Zealand taxa are not listed under any species because: Procellaria fregata of Linnaeus (1766: 212) is a nomen dubium (Mathews 1936a); Procellaria nigra of Pallas (1769: 28) is a nomen dubium (Mathews 1934); Procellaria fuliginosa of Gmelin (1789: 562) and Procellaria melanopus of Gmelin (1789: 562) are nomina dubia (Godman 1907–08: 22, Bourne 1995); Procellaria velox of Kuhl (1820: 143) is a nomen dubium (Mathews 1912–13: 170); Procellaria grisea of Kuhl (1820: 144) is both a nomen dubium and a junior primary homonym of Procellaria grisea Gmelin, 1789; Procellaria lugens of Kuhl (1820: 144) is a nomen dubium (Salvin 1876, Bourne & Elliott 1965); Procellaria munda of Kuhl (1820: 148) and Nectris munda of Kuhl (1820: 148) have been placed on the Official Index of Rejected and Invalid Specific Names in Zoology with name numbers 484 and 485 respectively (ICZN 1957).

Genus Puffinus Brisson

Puffinus Brisson, 1760: Ornithologie I: 56, 6: 129 – Type species (by tautonymy) Puffinus = Procellaria puffinus Brünnich = Puffinus puffinus (Brünnich).


Ardea Reichenbach, 1853: Avium Syst. Nat.: iv – Type species (by original designation) Puffinus gravis (O'Reilly).


Neonectris Mathews, 1913: Austral Avian Rec. 2: 12 – Type species (by original designation) Puffinus brevicaudus Gould = Puffinus tenuirostris (Temminck).

Hemipuffinus Iredale, 1913: Austral Avian Rec. 2: 20 – Type species (by original designation) Puffinus carneipes Gould.


Microzalis Mathews & Iredale, 1915: Ibis 3 (10th ser.): 597 – Type species (by original designation) Puffinus nativitatis Streets.


Paranectris Iredale, 1930: Australian Zool. 6(2): 115 – Type species (by original designation) Procellaria grisea Gmelin = Puffinus griseus (Gmelin).

**Puffinus griseus** (Gmelin) Sooty Shearwater


*Daption griseum* (Gmelin); Stephens 1826, in Shaw, General Zool. 13(1): 246.


*Puffinus tristis* (J.R. Forster); G.R. Gray 1862, Ibis 4: 244.


*Puffinus amaurosoma* (Coues); G.R. Gray 1871, Hand-list Birds 3: 102.

*Puffinus* (Puffinus) tristis (J.R. Forster); G.R. Gray 1871, Hand-list Birds 3: 103.


Paranectris griseus; Mathews 1936, Emu 36: 96.
Puffinus (Puffinus) griseus (Gmelin); Checklist Committee 1990, Checklist Birds N.Z.: 26.
Ardenna grisea (Gmelin); Christidis & Boles 2008, Syst. Taxon. Australian Birds: 18, 96.