

Text extracted from Gill B.J.; Bell, B.D.; Chambers, G.K.; Medway, D.G.; Palma, R.L.; Scofield, R.P.; Tennyson, A.J.D.; Worthy, T.H. 2010. *Checklist of the birds of New Zealand, Norfolk and Macquarie Islands, and the Ross Dependency, Antarctica*. 4th edition. Wellington, Te Papa Press and Ornithological Society of New Zealand. Pages 64 & 124-125.

Order PROCELLARIIFORMES:

Albatrosses, Petrels, Prions and Shearwaters

Checklist Committee (1990) recognised three families within the Procellariiformes, however, four families are recognised here, with the reinstatement of Pelecanoididae, following many other recent authorities (e.g. Marchant & Higgins 1990, del Hoyo *et al.* 1992, Viot *et al.* 1993, Warham 1996: 484, Nunn & Stanley 1998, Dickinson 2003, Brooke 2004, Onley & Scofield 2007). The relationships of the families within the Procellariiformes are debated (e.g. Sibley & Alquist 1990, Christidis & Boles 1994, Nunn & Stanley 1998, Livezey & Zusi 2001, Kennedy & Page 2002, Rheindt & Austin 2005), so a traditional arrangement (Jouanin & Mougin 1979, Marchant & Higgins 1990, Warham 1990, del Hoyo *et al.* 1992, Warham 1996: 505, Dickinson 2003, Brooke 2004) has been adopted. The taxonomic recommendations (based on molecular analysis) on the Procellariiformes of Penhallurick & Wink (2004) have been heavily criticised (Rheindt & Austin 2005) and have seldom been followed here.

Family HYDROBATIDAE Mathews: Storm Petrels

Hydrobatinae Mathews, 1913: *Birds Australia* 2: 9 – Type genus *Hydrobates* Boie, 1822.

The family name Hydrobatidae for storm petrels has been conserved (see Melville, R.V. 1985, ICZN 1992), over Oceanitidae Forbes, 1882 used by Checklist Committee (1990). We recognise two subfamilies (Hydrobatinae and Oceanitinae) following Olson (1985a), del Hoyo *et al.* (1992: 258) and Penhallurick & Wink (2004). The arrangement of species follows that of Jouanin & Mougin (1979).

Subfamily OCEANITINAE Salvin: Southern Storm Petrels

Oceanitinae Salvin, 1896: *Cat. Birds Brit. Mus.* 25: 343, 358 – Type genus *Oceanites* Keyserling & Blasius, 1840.

Genus *Oceanites* Keyserling & Blasius

Oceanites Keyserling & Blasius, 1840: *Wirbelthiere Europa's*: xciii, 131, 238 – Type species (by subsequent designation) *Procellaria wilsoni* Bonaparte = *Oceanites oceanicus* (Kuhl).

Procellata Bianchi, 1913: *Faune Russie, Oiseaux* 1(2): 805 – Type species (by original designation) *Procellaria oceanica* Kuhl = *Oceanites oceanicus* (Kuhl).

The subgenera of *Oceanites* used by Checklist Committee (1990) are not followed here because we recognise no other subgenera in the Procellariiformes.

Oceanites oceanicus (Kuhl)

Wilson's Storm Petrel

Procellaria oceanica Kuhl, 1820: *Beitr. Zool. vergl. Anat.* 1: 136, pl. 10, fig. 1 (ex Banks MS) – no locality = south Atlantic Ocean off the mouth of Rio de la Plata (*vide* Mathews 1912, *Birds Australia* 2: 13).

Procellaria wilsoni Bonaparte, 1824: *Journ. Acad. Nat. Sci. Philad.* 3(2): 231, pl. 9, fig. 2 – Newfoundland, Canada.

Thalassidroma wilsoni (Bonaparte); Audubon 1839, *Birds Amer.* 8: 106, pl. 460.

Thalassidroma oceanica (Kuhl); Schinz 1840, *European Fauna* 1: 397, pl. 1.

Oceanites wilsoni (Bonaparte); Bonaparte 1857, *Consp. Gen. Avium* 2: 199.

Oceanites oceanicus (Kuhl); Salvin 1896, *Cat. Birds Brit. Mus.* 25: 358.

Oceanites oceanica (Kuhl); Hamilton 1909, *Hand-list Birds New Zealand*: 5.

Oceanites (*Oceanites*) *oceanicus* (Kuhl); Checklist Committee 1990, *Checklist Birds N.Z.*: 58.

Breeds on coasts and islands of Antarctica and on subantarctic archipelagoes as far north as the Crozet Islands (46°S); migrates to north of the equator in all oceans (Roberts 1940, Marchant & Higgins 1990). Two subspecies usually recognised—those breeding north of the Antarctic Convergence are *O. o. oceanicus* and those breeding south of the convergence are *O. o. exasperatus* (Bretagnolle 1989, Marchant & Higgins 1990). A New Zealand fossil record, presumably CM Av23130 from Punakaiki (Checklist Committee 1990: 58), has been reidentified as probably being *Pealeornis maorianus* (Worthy 2000).

Oceanites oceanicus oceanicus* (Kuhl)*Wilson's Storm Petrel**

Procellaria oceanica Kuhl, 1820: *Beitr. Zool. vergl. Anat. 1*: 136, pl. 10, fig. 1 (ex Banks MS) – no locality = south Atlantic Ocean off the mouth of Rio de la Plata (*vide* Mathews 1912, *Birds Australia* 2: 13).

Oceanites wilsoni oceanica (Kuhl); Bonaparte 1857, *Consp. Gen. Avium* 2: 199.

Oceanites oceanica (Kuhl); Coues 1875, *Bull. U.S. Nat. Mus.* 2: 30.

Oceanites oceanicus chilensis Alexander, 1928: *Birds of the Ocean*: 86. *Nomen nudum*.

Oceanites oceanicus chilensis Mathews, 1934: *Novit. Zool.* 39(2): 191 (ex Alexander 1928) – no locality.

Oceanites oceanicus oceanicus (Kuhl); Murphy 1936, *Ocean. Birds South America* 2: 748.

Oceanites oceanicus chilensis Murphy, 1936: *Ocean. Birds South America* 2: 754 – Wollaston Island, Tierra del Fuego, Chile. Junior primary homonym of *Oceanites oceanicus chilensis* Mathews, 1934.

Oceanites oceanicus parvus Falla, 1937: *BANZARE Reports, ser. B, 2*: 208 – Royal Sound, Kerguelen Island, south Indian Ocean.

Oceanites oceanicus wollastoni Mathews, 1937: *Emu* 37: 141. Unnecessary *nomen novum* for *Oceanites oceanicus chilensis* Murphy, 1936.

Oceanites oceanicus magellanicus Roberts, 1940: *British Graham Land Exped. 1934–37 Scientific Reports 1*: 153 – Falkland Islands [sic]. Unnecessary *nomen novum* for *Oceanites oceanicus chilensis* Murphy, 1936.

Breeds on Tierra del Fuego, the Falkland Islands, South Georgia, Bouvetøya, Crozet, Kerguelen and Heard Islands; migratory northward (Jouanin & Mougín 1979, Marchant & Higgins 1990). In the New Zealand region, one pair reported from Bishop Island, south of Macquarie Island (Baker *et al.* 2002, Garnett & Crowley 2002).

Oceanites oceanicus exasperatus* Mathews*Wilson's Storm Petrel**

Oceanites oceanicus exasperatus Mathews, 1912: *Birds Australia* 2: 11, pl. 68 – New Zealand seas, restricted to islands south of New Zealand (*vide* Roberts 1940, *British Graham Land Exped. 1934–37 Scientific Reports 1*: 150).

Oceanites oceanicus oceanicus; Checklist Committee 1970, *Annot. Checklist Birds N.Z.*: 29. Not *Procellaria oceanica* Kuhl, 1820.

Oceanites (Oceanites) oceanicus exasperatus Mathews; Checklist Committee 1990, *Checklist Birds N.Z.*: 58.

Breeds on coasts and islands of Antarctica and the Antarctic Peninsula, including many Ross Sea localities, Balleny and Scott Islands; migrates north of the equator (Huber 1971, Nakamura *et al.* 1983, Marchant & Higgins 1990). Mathews' type specimen is from New Zealand seas and most other New Zealand records are considered to be this subspecies (e.g. Falla *et al.* 1981, Checklist Committee 1990). Generally uncommon passage migrant past New Zealand; mainly seen Mar. to May, with exceptionally high numbers (hundreds) noted in Apr. 1990 and Mar. to Apr. 1999 (Petyt 2001b).