Text and images extracted from Heather, B.D. & Robertson, H.A. (2005) The Field Guide to the Birds of New Zealand. Penguin Books, Auckland. Pages 92, 102, 103, 312, 314.

A large diverse group of birds of estuaries, coasts, riverbeds and farmland. Most are longlegged and feed in or near shallow water. Bill shape is varied; short and stubby in those (e.g. dotterels) that peck from the surface, but longer in those that feed in shallow water (e.g. stilts), or probe deeply (e.g. godwits). Flight strong and direct. Often form flocks while roosting or flying, but disperse to feed. Many species seen in NZ breed in the Arctic and arrive in September, with remnants of breeding plumage, and depart in March, often in breeding plumage. Most subadults and a few adults spend the southern winter here.

JAPANESE SNIPE Gallinago hardwickii

Rare Arctic migrant

24 cm, 160 g. Richly variegated rotund brown wader with very long (7 cm) straight bill, short grey legs, heavily streaked head with large eyes set high on the head. Fast zig-zagging flight when flushed from thick cover near wetland margins; gives harsh call: 'kok'. Head streaked dark brown and buff; upperparts heavily streaked brown, buff and black; breast buff, speckled dark brown; flanks barred; belly and undertail creamy white. Habitat: Breeds Japan and eastern Russia. Migrates to Australasia. Only a few [Sp 193] reach NZ, mainly in long grass near freshwater wetlands.



SNIPE, SANDPIPERS, GODWITS and CURLEWS About 79 species, of which 2 breed in New Zealand (non-migratory snipe) and 32 reach New Zealand as migrants for the northern been marked, to enable resightings, with

CHATHAM ISLAND SNIPE

Group have caught over 4000 Arctic migrants in the Auckland area, and some of these have

Scolopacidae

Apart from stints (known as peeps in North America), these waders have a slender bill that is as long as or longer than the head. In curlews and godwits, the bill is sensitive and

flexible at the tip, and the mandibles open

during probing in soft mud or shallow water.

winter.

All have long, pointed wings, rapid flight, a long neck, long legs and, for birds, a short tail. Their eyes are smaller than those of plovers and dotterels, as suits their more tactile, less visual, feeding. Gregarious when not breeding. Their food has not been studied in detail

in New Zealand. They take a variety of

mudflat-burrowing crabs, small amphipod

and ostracod crustaceans, polychaete worms and small gastropod and bivalve molluscs. Their diet includes insect larvae and pupae of craneflies (Tipulidae), midges (Chironomidae), beetles and flies; they may also take spiders and earthworms. They swallow grass, sedge and rush seeds, but whether by accident or design is not known for certain. The various species probe to different depths according to the length of their bill. Most of the rapid, vigorous, sewing-machine probing of medium and smaller waders is exploratory, as often is the slower, more careful probing of The waders that migrate to New Zealand mostly breed in the arctic or subarctic tundra

godwits, curlews or whimbrels. of the Northern Hemisphere and are strongly migratory. Those that breed furthest north tend to migrate furthest into the Southern Hemisphere, from the largest curlews to the smallest stints. The routes taken by the various species of wader are being elucidated by an white plastic leg flags. The first Arctic migrants arrive in September-October, but others trickle into the country through November. Most leave in March-April, but a variable proportion of the summer

population stays behind to spend the southern

NEW ZEALAND SNIPE

winter in New Zealand; most are probably yearlings, as few adopt breeding plumage, and so the number left behind provides an indication of the success of the previous northern breeding season. New Zealand is at the southern limit of many species, and some of the distances

travelled are huge; it is possible that some

of the migrants fly between New Zealand

and China, Japan or the Aleutian Chain in a single flight, although most stop at least once to refuel. In order to undertake such a long journey, waders feed voraciously in the weeks before departure and often arrive late to their roosts. They lay down extensive fat deposits, their weight can increase to 50-75% above their normal non-breeding weight. On arrival, they are often exhausted and quite approachable, but quickly regain their condition. The adult Arctic migrants moult all their flight feathers during the southern summer, and so can be distinguished from juveniles, which the southern autumn.

do not moult or lose only a few feathers until The sexes are alike, but females are often noticeably larger than males. The nonbreeding plumage, as is mostly seen in New Zealand, is dull, the upperparts mottled or a uniform brown and grey, the underparts paler, sometimes with streaks and spots. Before leaving and while breeding, they are brighter, many species becoming much more rufous above and rufous or black below. The age of first breeding is 1–2–3 years, and many birds live to at least 15 years old.

Plate 43

extensive co-operative programme of banding and leg-flagging throughout the East Asian flyway. The New Zealand Wader Study JAPANESE SNIPE

Other name: Latham's Snipe (Australia)

New Zealand about 15 times, from Auckland

to The Snares, usually at freshwater wetlands surrounded with rank rushes, sedges and

reeds. Apart from two early specimens

(Auckland 1898 and Wanganui 1914) and

Distribution: Breed in Japan, especially in the north, on the southern Sakhalin Peninsula and the southern Kurile Islands, and on the mainland coast of eastern Siberia. They migrate to winter in New Guinea and Australia, mainly in the eastern and southeastern states. They have been recorded in

Size: 24 cm, 160 g

Gallinago hardwickii recent records from Manawatu Estuary (1999– 2000) and Lake Ellesmere (2002), the rest are sight records where the identity of Japanese Snipe is assumed in preference to the other

similar, but less likely, snipes. Seen as singles, except for two at Cooper's Lagoon (1973) and Colac Bay (1984–86) and three at Lake Wairarapa (1993). Behaviour: Solitary or in small groups. When approached, they generally crouch in thick vegetation, blending with their surroundings, but if disturbed they rise suddenly, zig-zag up steeply and pitch suddenly or circle fairly

high, calling a harsh 'krek' repeatedly, before

landing.