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 144, 145, 376-378.

Swallows and martins are small birds with rapid erratic darting and gliding flight in pursuit of flying insects or snatching them from the surface of water or the ground. NZ species mostly blue above, pale below; each species has distinctive combination of pattern of red on head, colour of rump, and shape of tail. Sexes alike. Juveniles duller. Perch and come to ground readily; often seen gathered on powerlines, fences, shed roofs and riverbed shingle. Build distinctive mud nests under bridges, in caves or rock outcrops, trees or around buildings. Lay 3–5 pale pink eggs, speckled brown.

15 cm, 14 g. Adult has head and back blue-black; forehead, throat and chest rufous;

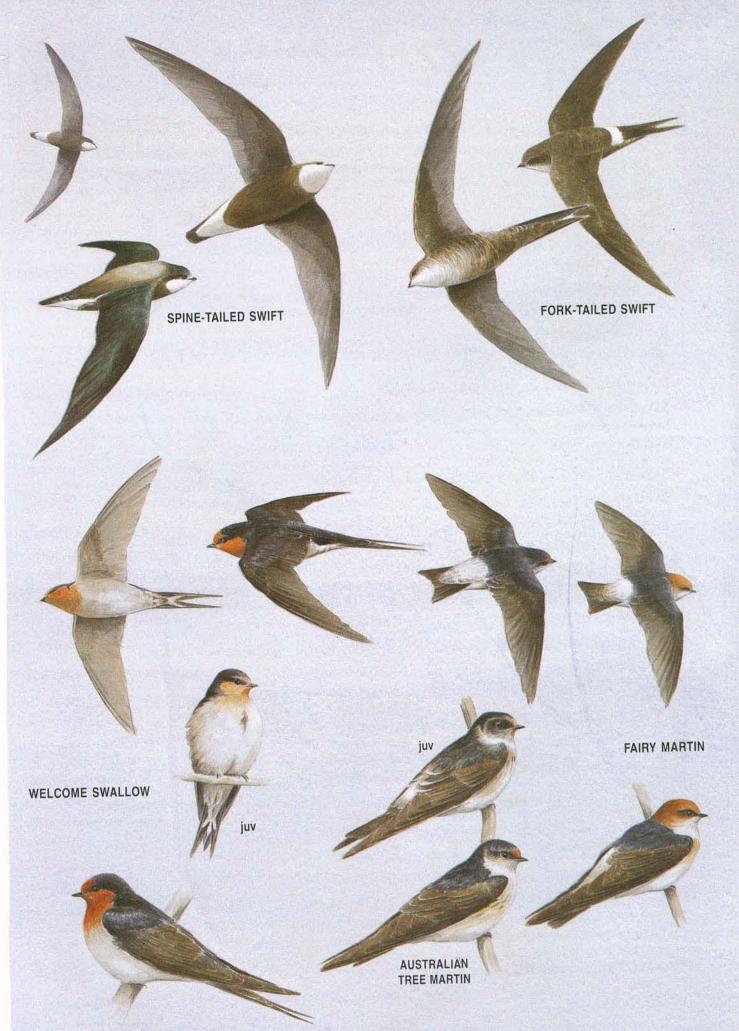
WELCOME SWALLOW

Abundant native

underparts dull white; deeply forked tail with a row of white spots near the tip. Juvenile duller on upperparts, paler rufous markings, and tail less deeply forked. Often in swirling groups low over open water or crops, or sit on wires like clothes pegs. Habitat: Open country, especially near water. Often builds cup-shaped mud nest under bridges and under eaves of houses. Breeding: Aug-Mar. [Sp 287]

Hirundo tahitica





hunting over lakes, rivers and grassland; on warm, calm days they often fly high, but in Swallows are usually larger than martins, but

SWALLOWS and MARTINS

poor weather they hunt close to the ground

Hirundinidae

with variable amounts of rusty red on their head and breast. They have a streamlined body with short neck and long, pointed wings with 9 primaries. Most have a deeply forked

74 species worldwide; 1 is a recently selfintroduced native, and 2 are vagrants to New

the two terms are interchangeable and follow no taxonomic differences. They are generally

small, graceful, dark blue and white birds,

Zealand.

they shuffle about when they rarely land on the ground; they usually perch between feeding bouts on posts and on powerlines. Swallows and martins build distinctive mud nests, formerly mainly in trees or in cliff overhangs, but now often under bridges or culverts or under the eaves of buildings. Hirundo tahitica Plate 64 been spectacular, and they are now common in open country of lowland parts of the North and South Islands, except Otago and Southland, where they are uncommon. They are

still scarce but expanding into high country

of the Volcanic Plateau and the Mackenzie

Country and Central Otago. Vagrants have

reached the Kermadec, The Snares, Auckland

and Campbell Islands. Breeding on the

In Australia, they are partial migrants, with some birds moving north in winter, but many

Chathams since about 1976.

to catch aerial insects in their short, wide bill.

They are birds of open country, especially

or water surface where flying insects are

concentrated. Their feet are very small, and

tail, but some have a square tail. Their flight is graceful and rapid as they wheel and dart WELCOME SWALLOW 287. Other names: House Swallow (Asia), Pacific Swallow (Pacific) Size: 15 cm, 14 g Geographical variation: Several subspecies, of which neoxena breeds in Australia, Tasmania, Lord Howe Island and New Zealand.

Distribution: Breeds in southern Asia from

India to Malaysia, in Australasia and the

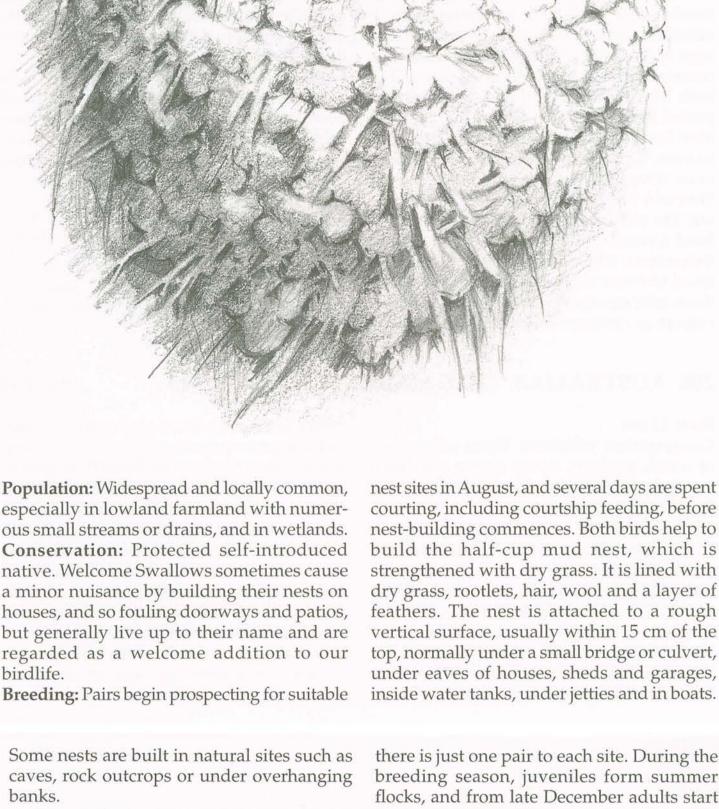
western Pacific. They have only recently

colonised New Zealand, with breeding first

recorded in 1958. Before then, they had been

remaining in the south. Welcome Swallows are probably also partial migrants in New Zealand, as they are quite often recorded at sea north of New Zealand in autumn and regularly appear at Norfolk Island in winter. Some birds have been seen leaving Farewell Spit for the North Island in late autumn; however, a southwards movement has been recorded in coastal Otago in autumn, and each winter moderate numbers of birds appear in Southland, where few breed.

only a rare vagrant: Northland (1920), Auckland Islands (1943), Awhitu Peninsula (1944), Lake Ellesmere (1953), Stewart Island (1953) and Farewell Spit (1955). There were probably several invasions in the late 1950s and early 1960s. They were first recorded breeding at Awanui, near Kaitaia, in 1958, and by 1965 were well established throughout Northland. They bred at Lake Ellesmere in Canterbury in 1961, in Hawke's Bay and Manawatu in 1962, and in Wairarapa in 1964. The spread of the Welcome Swallow has



regarded as a welcome addition to our birdlife. **Breeding:** Pairs begin prospecting for suitable banks. Eggs are laid in August–February, during which they raise up to 3 broods, sometimes

in the same nest. The female lays 2-4-7 pale

pink eggs (18 x 13 mm, 1.6 g), variably flecked

reddish brown. Clutches of up to 10 eggs are

probably laid by two females, or a fresh clutch has been laid in an abandoned nest. Clutch size is higher in New Zealand (4.1) than in eastern Australia (3.7) or western Australia (3.2), but seems to have declined as they have become well established. The second clutch of the season (4.7) is larger than the first (3.8)or third (3.3). Eggs are laid daily, usually about

an hour after sunrise. The female alone incubates in spells of c. 8 minutes, with 4minute feeding spells, for 15–17–19 days. The eggs hatch over 48 hours in the order they were laid. The female broods the young, but both birds feed them during the fledging

small territory around their nest and some-

times tolerate other pairs nesting in the same

culvert, as close as a metre away, but usually

period of 18–21–23 days. For several days after first flying, the young return to the nest to roost. They continue to be fed for c. 3 weeks, even though renesting may have begun. Welcome Swallows probably breed at 1 year old. The oldest bird recorded in New Zealand lived 6 years. **Behaviour:** Welcome Swallows maintain a

there is just one pair to each site. During the breeding season, juveniles form summer flocks, and from late December adults start to join them; however, some pairs remain close to their breeding site all year. Flocks of up to 500 birds congregate in autumn and winter at good feeding sites such as over sewage ponds, lakes, rivers, sand dunes and root crops. Temporary roosting flocks often form during the day on powerlines, especially in a sheltered spot, but at night they often roost in huge aggregations of several thousand birds in raupo swamps. In the breeding season, pairs indulge in high-level chasing

flights or slow, almost hovering flights accompanied by tail-fanning; the male quite often follows the female in these flights. The pair often sit together on a perch and twitter quietly, occasionally rubbing bills. The main call is a twittering 'twsit'. **Feeding:** Diet is entirely invertebrates such as flies, including midges and blowflies, small beetles and moths. They catch most of their

prey by hawking with their characteristic dipping, diving, darting flight. Sometimes they catch insects from the surface. Reading: Crouchley, G. & Crouchley, D. 1979. Notornis 26: 309–310. Edgar, A.T. 1966. Notornis 13: 27–60. Michie, R. 1959. Notornis 8: 61–62. Park, P. 1981. Corella 5: 85–90. Tarburton, M.K. 1993. Emu 93: 34–43. Tunnicliffe, G.A. 1968.

Notornis 15: 228–233. Turbott, E.G. 1965. Notornis

12: 241-244.