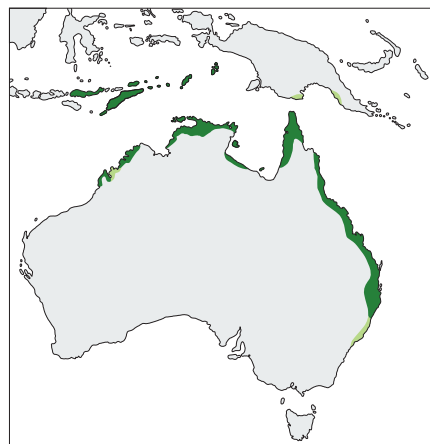


## Subgenus *Ptilinopus* Swainson

Species included in this subgenus were identified in molecular analyses as forming a large supported clade, often differentiated morphologically by the presence of a distinctly coloured crown or 'cap' and of bifurcated breast feathers (Cibois *et al.* 2014). Most were included by Cain (1954) in his '*purpuratus* subgroup', plumage features of which were listed as an absence of red on the lower neck and upper back, an absence of a distinct humeral patch on the wing,

and the presence of a narrow abdominal band transversely elongated or, much more frequently, a rounded or longitudinally elongated abdominal spot. Sexual dimorphism is present in some species, but in others the sexes are alike, and juveniles are much duller than adults, usually lacking the more prominent plumage markings. Again, only one species reaches northern and eastern Australia.



## ROSE-CROWNED FRUIT-DOVE

### *Ptilinopus regina* Swainson

*Ptilinopus purpuratus* var. *regina* Swainson, *Zool. Journ.*, 1, 1825, p. 474. ('Supposed to come from Australia' = New South Wales.)

### OTHER NAMES

Rose-crowned Fruit-Pigeon, Rose-crowned Pigeon, Red-crowned Fruit-Dove or Fruit-Pigeon, Swainson's Fruit-Pigeon, Pink-capped Fruit-Pigeon, Pink Cap, Ewing's Fruit-Dove or Fruit-Pigeon (*P. r. ewingii*).

### DESCRIPTION

Length 23 cm.

#### ADULT MALE

Forehead to hindcrown brilliant mauve-lilac surrounded by narrow chrome-yellow line extending in front of eyes; nape to hindneck greenish-grey, becoming paler grey on sides of neck and cheeks to ear-coverts; mantle, back and lesser wing-coverts to upper tail-coverts green, feathers with fine yellowish-green tips giving a golden cast; tertials and scapulars dark blue with broad green margins and fine yellow tips; median wing-coverts dark green with dark blue tinge on outer webs and with broadly bronze-green tips; secondary-coverts dark green with dark blue tinge on outer webs and with fine chrome-yellow margins; primary-coverts dark green becoming brownish-black on inner webs and towards bases; secondaries dark green with dark blue tinge on outer webs and with very narrow yellow margins, and brownish-black on inner webs; primaries brownish-black, dark green on outer webs with fine pale yellow margins; undersides of flight feathers grey; chin and throat yellow; bifurcated feathers of foreneck and breast green with broad silvery grey tips; centre of upper abdomen lilac with orange border at sides and below, becoming yellow on lower abdomen; flanks and

thighs green, feathers with prominent yellow tips giving scalloped appearance; under tail-coverts yellow with broad orange tips; lesser underwing-coverts grey suffused dull green on outer webs; greater underwing-coverts grey; tail green above, grey below and with broad yellow tip producing a prominent band; bill greenish-grey; iris reddish-brown to crimson; eyering pale grey-green; legs and feet bluish-grey; weight 99–137 g.

34 specimens: wing 126–139 (133.3) mm, tail 69–84 (75.4) mm, bill 14–16 (15.2) mm, tarsus 19–23 (21.0) mm.

#### ADULT FEMALE

As male but forehead to hindcrown duller lilac with surrounding yellow line not extending in front of eyes; nape to hindneck green without grey tone; sides of neck and face more greenish; chin and throat paler yellow; foreneck dull green; bifurcated feathers of breast duller green with narrower dull grey tips; little lilac on centre of abdomen and less extensive orange on abdomen; weight 75–110 g. 24 specimens: wing 125–137 (129.6) mm, tail 69–81 (71.9) mm, bill 14–17 (15.6) mm, tarsus 18–22 (20.4) mm.

#### JUVENILES (ANWC B17490 unsexed)

Forehead dull greyish-pink; remaining upperparts, including crown, green; tertials, scapulars, wing-coverts and secondaries green with broad yellowish-white edges; chin and throat greyish-white; breast and flanks dull green, feathers with pale yellow tips giving a barred appearance; abdomen and under tail-coverts pale yellow; central tail-feathers uniformly green above and grey below, lateral tail-feathers brownish-black suffused green on inner webs and with pale yellow tips; bill blue-grey; iris pale brown.

#### OPPOSITE:

Rose-crowned Fruit-Dove

*Ptilinopus regina regina*

with grey mangrove *Avicenna marina*.

Upper: ANWC 43671 adult ♀

Shoalwater Bay Army Reserve, north of Rockhampton, Qld, 9 August 1991.

Lower: ANWC 43707 adult ♂

Shoalwater Bay Army Reserve, north of Rockhampton, Qld, 13 August 1991.