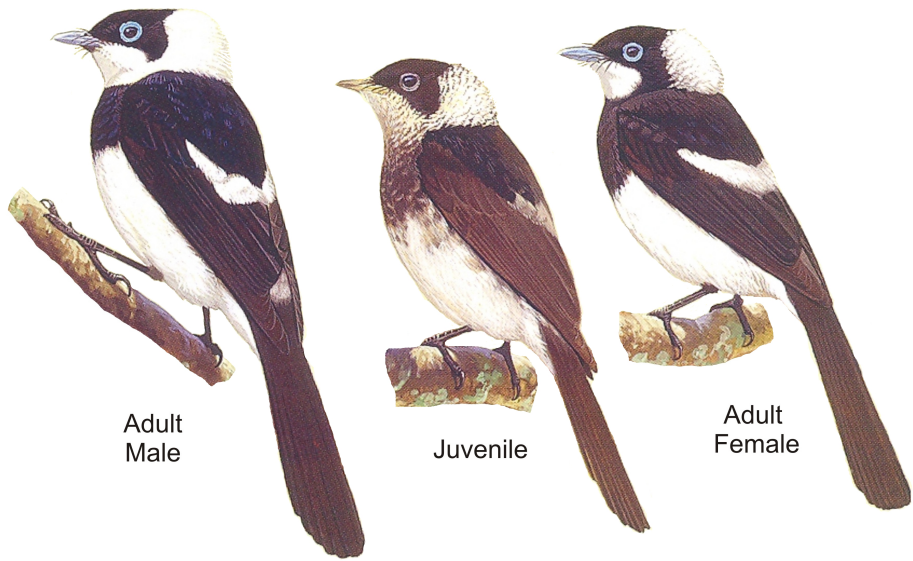


Pied Monarch *Arses kaupi* **Species No.: 370** **Band size: 02**



Morphometrics:

| | Adult Male | Adult Female |
|---------|----------------|----------------|
| Wing: | 77.5 – 84.0 mm | 73.0 – 80.0 mm |
| Tail: | 75.5 – 81.5 mm | 72.5 – 79.0 mm |
| Weight: | 10.0 – 14.0 g | 11.9 – 13.4 g |

Ageing:

| | Adult (2+) | Immature | Juvenile |
|-----------|--|---|-----------------|
| Bill: | light blue-grey; | dull yellow basally with greyish-black distal third; | yellowish; |
| Gape: | light blue-grey; | dull yellow or pale yellow; | yellow; |
| Iris: | dark brown; | not recorded; | not recorded; |
| Eye ring: | broad – blue, or bright blue tending violet; | narrower than adult - dull bluish-grey or dull lead-grey; | dull lead-grey; |

Little information available, but juvenile can be reliably distinguished by bare parts and plumage (see illustration above);
Immature similar to adults, but less clearly pied and retain juvenile brown tail and wing plumage;
Timing of moult to adult not known, but probably coinciding with adult post-breeding moult commencing at approximately one year old;
Adults will be (2+), but because of uncertainty, immatures should be recorded only as (1+).

Sexing :

Males tend to be larger than females, but measurement ranges overlap;
The plumage of adults is sexually dimorphic as follows:

| | Adult Male | Adult Female |
|---------------------------------|---|--|
| Nape, hindneck & sides of neck; | white, forming a broad collar which can be raised to form a ruff; | white flecked with black & incomplete collar (see illustrations); |
| Breast band; | broad black band; | black band broader than male extending More toward chin and lower on breast; |
| Upper back: | black with glossy bluish tinge; | blackish-brown; |

Not known whether both sexes brood.