Electronic supplementary material for

Six new species of *Myrsidea* Waterston, 1915 (Phthiraptera: Menoponidae) from New World jays of the genus *Cyanocorax* Boie (Passeriformes: Corvidae), with notes on the chorionic structure of eggs

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Supplementary File 1: Morphometric data of the species of *Myrsidea* parasitic on New World jays of the genus *Cyanocorax*

All measurements are in millimetres. *Abbreviations*: TW, temple width; PoW, preocular width; HL, head length at midline; PW, prothorax width; MW, metathorax width; PrL, prosternal plate length; MtL, metasternal plate length; AW, abdomen width at segment IV; GL, male genitalia length; GsL, male genital sclerite length; AnW, female anus width; TL, total length of the body.

*Myrsidea fallax* Kéler, 1938
*Female* from Argentina (n = 5): TW, 0.56–0.58; PoW, 0.40–0.45; HL, 0.38–0.42; PW, 0.36–0.38; PrL, 0.14–0.16; MW, 0.51–0.56; MtL, 0.18–0.20; AW, 0.62–0.72; AnW, 0.24–0.26; TL, 1.61–1.85.
Female from Brazil (n = 2): TW, 0.56–0.57; PoW, 0.42; HL, 0.36–0.39; PW, 0.35–0.36; PrL, 0.15–0.16; MW, 0.52–0.58; MtL, 0.19–0.20; AW, 0.68–0.72; AnW, 0.25–0.26; TL, 1.79–1.85.
Female from Paraguay (n=1): TW, 0.57; PoW, 0.43; HL, 0.39; PW, 0.36; PrL, 0.15; MW, 0.64; MtL, 0.20; AW, 0.70; AnW, 0.26; TL, 1.91.
Female from Peru (n = 3): TW, 0.57–0.58; PoW, 0.42; HL, 0.36; PW, 0.37–0.39; PrL, 0.15; MW, 0.60–0.63; MtL, 0.19–0.20; AW, 0.68–0.70; AnW, 0.24–0.26; TL, 1.76–1.81.
Male from Argentina (n = 4): TW, 0.50–0.51; PoW, 0.38–0.39; HL, 0.34–0.36; PW, 0.31–0.33; PrL, 0.12–0.13; MW, 0.42–0.44; MtL, 0.14–0.15; AW, 0.52–0.53; GL, 0.42–0.47; GsL, 0.07–0.10; TL, 1.45–1.55.
Male from Brazil (n = 3): TW, 0.49–0.51; PoW, 0.36–0.38; HL, 0.33–0.35; PW, 0.31; PrL, 0.11–0.12; MW, 0.42–0.44; MtL, 0.15–0.16; AW, 0.54–0.55; GL, 0.41–0.43; GsL, 0.09; TL, 1.46–1.49.
Male from Paraguay (n = 1): TW, 0.51; PoW, 0.39; HL, 0.31; PW, 0.33; PrL, 0.13; MW, 0.45; MtL, 0.15; AW, 0.55; GL, 0.45; GsL, 0.11; TL, 1.51.
Male from Peru (n = 5): TW, 0.50–0.51; PoW, 0.36–0.38; HL, 0.30–0.31; PW, 0.30–0.32; PrL, 0.13–0.16; MW, 0.43–0.45; MtL, 0.15–0.16; AW, 0.50–0.52; GL, 0.41–0.46; GsL, 0.10–0.11; TL, 1.46–1.49.

Myrsidea pseudofallax n. sp.
Female (n = 7): TW, 0.54–0.56; PoW, 0.40–0.42; HL, 0.35–0.37; PW, 0.33–0.35; PrL, 0.13–0.14; MW, 0.52–0.55; MtL, 0.17–0.19; AW, 0.61–0.66; AnW, 0.24–0.26; TL, 1.63–1.66.
Male (n = 7): TW, 0.48–0.49; PoW, 0.36–0.38; HL, 0.32–0.33; PW, 0.30–0.32; PrL, 0.11–0.13; MW, 0.40–0.42; MtL, 0.15–0.16; AW, 0.50–0.53; GL, 0.41–0.48; GsL, 0.10–0.11; TL, 1.36–1.44.

Myrsidea moriona n. sp.
Female (n = 6): TW, 0.59–0.61; PoW, 0.44–0.46; HL, 0.38–0.41; PW, 0.39–0.42; PrL, 0.15–0.17; MW, 0.62–0.66; MtL, 0.21–0.23; AW, 0.76–0.80; AnW, 0.28–0.30; TL, 1.81–1.97.
Male (n = 6): TW, 0.53–0.55; PoW, 0.36–0.42; HL, 0.32–0.35; PW, 0.35–0.36; PrL, 0.14; MW, 0.48–0.49; MtL, 0.16–0.18; AW, 0.58–0.59; GL, 0.47–0.59; GsL, 0.09–0.10; TL, 1.48–1.61.

**Myrsidea daleclaytoni** n. sp.

Female (n = 5): TW, 0.59–0.62; PoW, 0.41–0.45; HL, 0.36–0.38; PW, 0.38–0.42; PrL, 0.15–0.17; MW, 0.56–0.67; MtL, 0.21–0.27; AW, 0.69–0.79; AnW, 0.26–0.30; TL, 1.78–1.97.

Male (n = 6): TW, 0.50–0.53; PoW, 0.35–0.38; HL, 0.31–0.34; PW, 0.31–0.34; PrL, 0.13–0.14; MW, 0.43–0.48; MtL, 0.15–0.17; AW, 0.50–0.53; GL, 0.40–0.50; GsL, 0.09–0.10; TL, 1.45–1.61.

Nymph I (n = 2): TW, 0.36–0.37; PoW, 0.27–0.29; HL, 0.25–0.26; PW, 0.23–0.24; MW, 0.29–0.31; AW, 0.40; TL, 0.94–1.04.

Nymph II (n = 1): TW, 0.41; PoW, 0.31; HL, 0.28; PW, 0.26; MW, 0.35; AW, 0.47; TL, 1.18.

Nymph III (n = 4): TW, 0.46–0.48; PoW, 0.33–0.35; HL, 0.29–0.32; PW, 0.29–0.31; MW, 0.40–0.42; AW, 0.49–0.53; TL, 1.32–1.39.

**Myrsidea lindolphoi** n. sp.

Female (n = 5): TW, 0.60–0.63; PoW, 0.43–0.45; HL, 0.37–0.41; PW, 0.39–0.41; PrL, 0.16; MW, 0.63–0.67; MtL, 0.22–0.24; AW, 0.80–0.85; AnW, 0.26–0.28; TL, 1.77–1.93.

Male (n = 5): TW, 0.52–0.55; PoW, 0.37–0.39; HL, 0.33–0.36; PW, 0.33–0.36; PrL, 0.13–0.15; MW, 0.43–0.47; MtL, 0.16–0.18; AW, 0.54–0.56; GL, 0.48–0.54; GsL, 0.09–0.10; TL, 1.55–1.67.

**Myrsidea melanocyaneae** n. sp.

Female (n = 1): TW, 0.54; PoW, 0.41; HL, 0.35; PW, 0.36; PrL, 0.15; MW, 0.57; MtL, 0.18; AW, 0.74; AnW, 0.27; TL, 1.80.
*Myrsidea cristatellae* n. sp.

**Female** (n = 3): TW, 0.59–0.62; PoW, 0.44–0.46; HL, 0.38–0.40; PW, 0.39–0.41; PrL, 0.15–0.16; MW, 0.66–0.69; MtL, 0.21–0.23; AW, 0.82–0.88; AnW, 0.30–0.31; TL, 1.93–2.01.

**Male** (n = 5): TW, 0.50–0.53; PoW, 0.38–0.40; HL, 0.34–0.39; PW, 0.34–0.38; PrL, 0.13–0.14; MW, 0.47–0.49; MtL, 0.16–0.18; AW, 0.57–0.59; GL, 0.47–0.50; GsL, 0.09–0.12; TL, 1.58–1.69.

**Nymph III** (n = 2): TW, 0.48–0.49; PoW, 0.37–0.38; HL, 0.32–0.34; PW, 0.31–0.33; MW, 0.46–0.48; AW, 0.61–0.62; TL, 1.51–1.53.