

### The nest and egg of Cinnamon Screech Owl *Megascops petersoni* in central Colombia

Cinnamon Screech Owl *Megascops petersoni* is a poorly known resident of subtropical Andean forests between 1,700 and 2,500 m<sup>2</sup>. Described from northern Peru and southern Ecuador<sup>2</sup>, the species has since been found in north-central Colombia<sup>1</sup>. There is no published information on its natural history, thus we provide the first description of the species' nest and egg.

The nest was discovered when an adult flushed from the nest cavity on 12 January 2009, at the Reserva Natural de Aves (RNA) Arrierito Antioqueño (06°58.709'N 75°06.937'W) at 1,826 m. The reserve is sited in the northern foothills of the Central Andes of Colombia, in north-east Antioquia<sup>2</sup>. The nest was in a natural cavity of a live tree immediately adjacent to a trail, amidst dense, epiphyte-laden forest. The tree was 18 m tall with a dbh of 22 cm. The cavity was 0.7 m above the ground, the entrance c.21 cm wide and 29 cm tall, and the interior of the nest cavity 26 cm wide by 20 cm front to back and 34 cm tall. The cup was a shallow, saucer-shaped depression at the cavity's base, formed of soft spongy wood. The nest depression measured 15.8 cm wide by 13.4 cm front to back, and was 1.4 cm deep.

We first observed the single large white egg on 21 January 2009. It was stained dull reddish, presumably from the soft decaying wood, measured 35.1 mm × 29.2 mm, and was rather rounded as is typical of owl eggs<sup>3</sup>. The adult was regularly observed incubating until 22 February. On 24 February 2009 the nest contained only remnants of the egg and a small pile of adult feathers; the adult was not seen again. The cause of nest failure was unknown, although the broken egg and adult feathers indicate predation.

The nest's failure prevented us from further describing the



Figure 1. Nest cavity and egg of Cinnamon Screech Owl *Megascops petersoni*; the white arrow indicates the nest cavity (Murray Cooper)

breeding biology of Cinnamon Screech Owl. Nonetheless, our observations reveal that the species' clutch is one egg and that incubation occupies a minimum 32 days, which is substantially longer than previously documented for *Megascops*; both Eastern Screech Owl *M. asio* and Western Screech Owl *M. kennicottii* incubate for c.26 days in North America<sup>3</sup>. Most tropical *Megascops* have average clutch sizes of 2–3, although one-egg clutches have been documented in Tropical Screech Owl *M. choliba*<sup>3</sup>.

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