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CHAMAELEO GRACILIS (Graceful Chameleon). REPRODUCTION IN FLORIDA.

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**BAVAYIA CYLURA** (Forest Bavayia). **PREDATION.** Limited data available on the New Caledonian skink, *Lioscincus nigrofasciolatum*, indicates that it preys on cockroaches, other large insects, and smaller skinks (e.g., *Caledonisincus* sp.; Bauer and Sadlier 2000. The Herpetofauna of New Caledonia, Society for the Study of Amphibians and Reptiles. 310 pp.). Here, we add to the data on its prey base with an observation of predation on the gecko, *Bavayia cyclura*.

We made the observation at 0900 h on 3 December 2002 during a field study on latolcaille sea snakes conducted during November-December on Ilot Porc-Epic (22°19'S, 166°34'E [datum: IGN 72]; elev. 36 m). We captured an adult specimen (estimated at 90 mm SVL) of *L. nigrofasciolatum* on a tree trunk about 6 m from the shoreline, on the edge of the open forest following the beach. It regurgitated a recently dead adult (49 mm SVL) female *Bavayia cyclura*.

The skink was photographed and released; the gecko (MNHN 2002.0763) was deposited in the herpetological collection of the National Museum of Natural History, Paris, France. Handling of the lizards was done under Permit N° 6034-3588/DRN issued to Ivan Inech by Direction des Ressources Naturelles de la Province Sud, New Caledonia.

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At 1930 h (night) on 21 December 1985, MP observed a freshly road-killed mature Brown Falcon, *Falco berigora berigora*, in close association with two dead but intact *C. munda* on the NW coastal Hwy 6.7 km S of Cane River Crossing (22°04'S, 115°34'E [datum: AUS84]; elev. 30 m). One *Carlia* had only its tail protruding from the falcon’s beak; the other was on the road 10 cm from the head of the dead bird; both lizards exhibited no evidence of external injury. A fire, visible from 2–3 km away, was still slowly burning in a northeastly direction through the scrub and grassland within 10 m of the west side of the road; the burnt area next to the road extended for hundreds of meters. The habitat consisted of *Triodia* hummocks with scattered *Acacia* bushes on a stony plain with low stony ridges. Three additional lizard species were found on the road during a thorough search of the ~100 m along which the fire front moved over the next hour. These comprised: 1 adult *Delma nasuta* (Pygodopaids); 4 adult *Cyclodomorphus melanos melanos* (Scinciae: Lygosominae), of which 1 female later gave birth to 2 live young; and 1 adult *Heteronotia binoei* (Gekkonidae). These animals were moving from the burning side towards the opposite side of the road; as no other reptiles were seen on the road on either side of the fire-affected stretch, all were probably fleeing the fire. Additionally, one adult *Lophognathus longirostris* (Agamidae) was found active on the ground among the blackened *Acacia* stems remaining next the road. Except for the two *Carlia*, all animals were uninjured.

The falcon probably obtained the *C. munda* from foraging at the margins of the fire. This and other smaller raptor species such as Black Kites, *Milvus migrans*, are well-known attendants of fires by day in the Australian arid zone (e.g., Olsen et al. 1993. Birds of Prey and Ground Birds. The National Photographic Index of Australian Wildlife/Angus and Robertson, Sydney. 200 pp.), occasionally in aggregations of hundreds (pers. obs.), and fire-margin foraging by opportunistic predators is documented in other ecosystems (e.g., Secretary Birds, *Sagittarius serpentarius*, in African veld; Steyn 1982. Birds of Prey of southern Africa. David Philip, Cape Town). Similarity in the condition of both *C. munda* implies that both were prey. This record also implies nocturnal foraging by the typically diurnal *F. b. berigora* might occur where fire provides ‘artificial’ light; Olsen et al. (op. cit.) also report flying and calling at night. Both *D. nasuta* and *C. melanos melanos* are intimately associated with *Triodia*, so our observations suggest that at least some individuals flee burning habitat; whether these individuals would use loose soil or burrow refuges, when available, is unknown. As fires in hummock grassland might be extensive, sometimes lasting for months and passing over hundreds of square kilometers (Suijdendorp, op. cit.; pers. obs.), raptor performance as lizard predators on advancing fire lines in such habitats and its effect on post-fire lizard populations might have special interest.

The two *C. munda* were deposited as vouchers in the collection of the Western Australian Museum (R94385-6); the bird was discarded. Brenda Coulson assisted in the field. Marc Hayes critically reviewed the manuscript.

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EGERNIA FORMOSA (Goldfields Crevice-skink). ENDOPARASITES. Egernia formosa is a medium-sized (adults 80 mm SVL) skink known from the interior of Western Australia (Copper 1996. Reptile & Amphibians of Australia, 6th ed., Ralph Curtis Publ., Sanibel Island, Florida. 808 pp.). To our knowledge, no previous reports of parasites exist for E. formosa. The purpose of this note is to report the cestode Oochoristica piankai and the nematode Pharyngodon hindlei from E. formosa.

We examined 4 E. formosa (LACM 56427, 56431–56433; mean SVL = 92 mm ± 8.4 SD, range: 83–101 mm) collected January 1968, 70 km SW Wiluna, Western Australia, (27°05'S, 119°37'E, [datum: AGD66; elev. 503 m) in the herpetology collection of the Natural History Museum of Los Angeles County (LACM), Los Angeles, California. The stomachs had previously been removed; the small and large intestines and body cavity were examined for helminths. Found in the small intestine of one skink (LACM 56432) were 15 O. piankai (prevalence: number infected/number examined × 100 = 25%). All 4 skinks contained P. hindlei in the large intestines (prevalence = 100%), mean intensity (mean number helminths per infected lizard) = 62.8 ± 25.9 SD, range: 26–82. Parasites were deposited in the United States National Parasite Collection (USNPC), Beltsville, Maryland as Oochoristica piankai (USNPC 96233) and Pharyngodon hindlei (USNPC 96232).


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One pentastome nymph was found in the body cavity of one female E. striata (95 mm SVL) from the herpetology collection of the Natural History Museum of Los Angeles County (LACM) collected 4 January 1968, 34 km W Lorna Glen Homestead (26°14'S, 121°13'E, [datum: AGD66; elev. 500 m), Western Australia; the E. striata was catalogued as LACM 56562. The