

**The slugs and semislugs of Sabah, Malaysian Borneo (Gastropoda,
Pulmonata: Veronicellidae, Rathouisiidae, Ariophantidae, Limacidae,
Philomycidae)**

Abstrak

As a part of an inventory of the terrestrial malacofauna of the Malaysian state of Sabah (northern Borneo), the slugs and semislugs were given particular attention. Except for several exotic and presumed exotic species, slugs and semislugs are generally rare and infrequently encountered, mostly at high altitudes, where several short-range endemics appear to exist. We describe one new species, viz: *Ibycus rachelae* nov. spec. (Ariophantidae). We furthermore present new records and characters for identification of other species, namely: the veronicellids *Laevicaulis alte* (Férussac, 1821), *Valiguna flava* (Heynemann, 1885), and *Semperula wallacei* (Issel, 1874), the rathouisiid *Atopos punctata* Collinge, 1902, the ariophantids *Microparmarion pollonerai* Collinge & Godwin Austen, 1895, *M. simrothi* Collinge & Godwin Austen, 1895, *Parmarion martensi* Simroth, 1893, and *Philippinella möllendorffi* (Collinge, 1899), the limacid *Deroceras reticulatum* (Müller, 1774), and the philomycids *Meghimatium striatum* (Van Hasselt, 1824), *M. uniforme* Laidlaw, 1937, and *M. pictum* (Stoliczka, 1872). For the genus *Meghimatium*, our taxonomy is based on a molecular phylogenetic reconstruction, which we present. Finally, we provide reports and illustrations on several species for which the available material is currently insufficient for formal identification, namely, an unidentified *Atopos* (Rathouisiidae), for which only juveniles (preying on *Opisthostoma*) were found, a second unidentified *Atopos* (Rathouisiidae) and an unidentified *Microparmarion* (Ariophantidae) for each of which only a single adult was available, as well as an unidentified *Parmarion* (Ariophantidae) known only from a photograph.