

2 Title: Prodrome of the Land Molluscs of Thailand

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Objectives: With the extension of the helminthologic study to general trematology and the beginning of research work on *Angiostrongylus* in this department, it proved to be necessary to include the land molluscs in the malacological survey of Thailand, as not only fresh-water but also a large number of land molluscs serve as intermediate hosts for trematodes and nematodes.

As this survey is still in an initial stage, only a limited number of species has been identified. Most of the species could only be attributed to their respective genera and families.

A check-list of these genera is attached to the report. As this list is not yet complete further study of the land snails fauna will be carried out during the rainy season in close cooperation with the Department of Zoology.

Report: The first eight months of the study of the land molluscs of Thailand brought about 120 different species of land snails, about 80 pulmonates and 40 operculata. Most of the species were collected in the southern provinces but samples were also collected in Central Thailand, in Udorn, Ubol, Korat and Chiangmai Province.

The species of importance for human and veterinary medicine all seem to belong to the families of Ariophantacea, Helicaceae and Achatinidae.

Prodrome of the Land Molluscs of Thailand

Pulmonata
Stylommatophora

Vertiginidae

Four species of this family have been found which are attributed to the following genera:

Nesopupa PILSBRY, 1909

Gastrocopta WOLLASTON, 1878

Hypselostoma BENSON, 1856

Bensonella PILSBRY & VANATA, 1900

Succineidae

Three species are known, which all seem to belong to the genus Indosuccinea RAO, 1924

Endodontidae

One species of the genus Glyptaulax GUDE, 1914

Trochomorphidae

One species each of the genera

Trochomorpha ALBERS, 1850

Videna H. & A. ADAMS, 1855

Euconulidae

Three species belonging to

Durgellina THIELE, 1928

Liardetia GUDE, 1913

Helicarionidae

Six species which belong to the genera

Kaliella BLANFORD, 1863

Sitalinopsis THIELE, 1931

Sivella BLANFORD, 1863

Sesara ALBERS, 1860

Geotrochus VAN HASSELT, 1823

Ariophantidae

24 species are attributed to this family and seem to belong to

Quantula P.B. BAKER, 1941

Parmarion FISCHER, 1855

Euplecta SEMPER, 1870

Hemiplecta ALBERS, 1850

Cryptozona MORCH, 1872

Ariophanta DESMOULINS, 1829

Cryptaustenia COCKERELL, 1898

Austenia NEVILL, 1878

Ceratoconta COCKERELL, 1930

Microcystina MORCH, 1872

Khasiella GODWIN-AUSTIN, 1899

Macrochlamys BENSON, 1832

Oxytesfa ZILCH, 1956

Sarika GODWIN-AUSTIN, 1907

Megaustenia COCKERELL, 1912
Durgella BLANFORD, 1863
Sakiella GODWIN-AUSTIN, 1903
Sitala H. ADAMS, 1865

Subulinidae

Lamellaxis STREBEL & PFEFFER, 1906
Curvella CHAPER, 1885
Opeas ALBERS, 1850
Prosopias MORCH, 1872
Plicaxis SYKES, 1903

Achatinidae

Only one species, imported from Africa, is known
Achatina fulica FERUSSAC

Clausiliidae :

Formosana cambodiensis PFEIFFER
Phaedusa filicostata STOLICZKA
Pseudonenia penangensis STOLICZKA
Euphaedusa aculus BENSON
Oospira gouldiana PFEIFFER
Oospira insignis GOULD
Oospira philippiana PFEIFFER

Streptaxidae

Discartemon PFEIFFER, 1856 one species
Indoartemon FORCART, 1946 three species
Perrottetia KOBELT, 1905 one species

Polygyridae

Four species of the genus Plectopylis BENSON, 1860

Camaenidae

8 species of the genus Amphidromus ALBERS, 1850 and two each of
Camaena ALBERS, 1850
Trachia ALBERS, 1850
Ganesella BLANFORD, 1863
Moellendorffia ANCEY, 1887
Trichochloritis PILSBRY, 1891 and one species of
Burmochloritis GODWIN-AUSTIN, 1920

Bradybaenidae

represented are the genera
Aegista ALBERS, 1850
Plectotropis MARTENS, 1860
Pseudobuliminus GREDLER, 1886
Bradybaena BECK, 1837

Vaginellidar

Four species of the genera Vaginula and Oncidium.

Prosobranchia

Hydrocenidae

One species of *Georissa* BLANFORD, 1864

Helicinidae

Calybium MORLET, 1891 one species

Pleuropoma MOLLENDORFF, 1893

Cyclophoridae

About thirty species can be attributed to the following genera

Leptopoma PFEIFFER, 1847

Japonia GOULD, 1859

Ditropis BLANFORD, 1869

Ptychopoma MOLLENDORFF, 1891

Cyclophorus MONTFORT, 1810

Pterocyclus BENSON, 1832

Rhiostoma BENSON, 1860

Cyclotus SWAINSON, 1840

Pollicaria GOULD, 1856

Pupina VIGNARD, 1829

Dioryx BENSON, 1859

Dicharax KOBELT & MOLLENDORFF, 1900

Alycaeus GRAY, 1850

Diplommatina BENSON, 1849

Opisthostoma BLANFORD, 1960

Summary : although the collecting and identifying of land molluscs is still in the initial stage, about 120 different species have already been found, which were attributed to 76 different genera.