

Die Lucaniden (Hirschkäfer) der Nanggroe Aceh Darussalam Provinz, Sumatra, Indonesien – Teil II (Coleoptera: Lucanidae)

The stagbeetles of the Nanggroe Aceh Darussalam Province, Sumatra,
Indonesia – Part II (Coleoptera: Lucanidae)

ULRICH PAUKSTADT & LAELA H. PAUKSTADT

Key Words: Coleoptera, Lucanidae, stagbeetle, Aceh, Nanggroe Aceh Darussalam Province, Sumatra, Indonesia.

Die Lucaniden (Hirschkäfer) der Nanggroe Aceh Darussalam Provinz, Sumatra, Indonesien – Teil II (Coleoptera: Lucanidae)

The stagbeetles of the Nanggroe Aceh Darussalam Province, Sumatra, Indonesia – Part II (Coleoptera: Lucanidae)

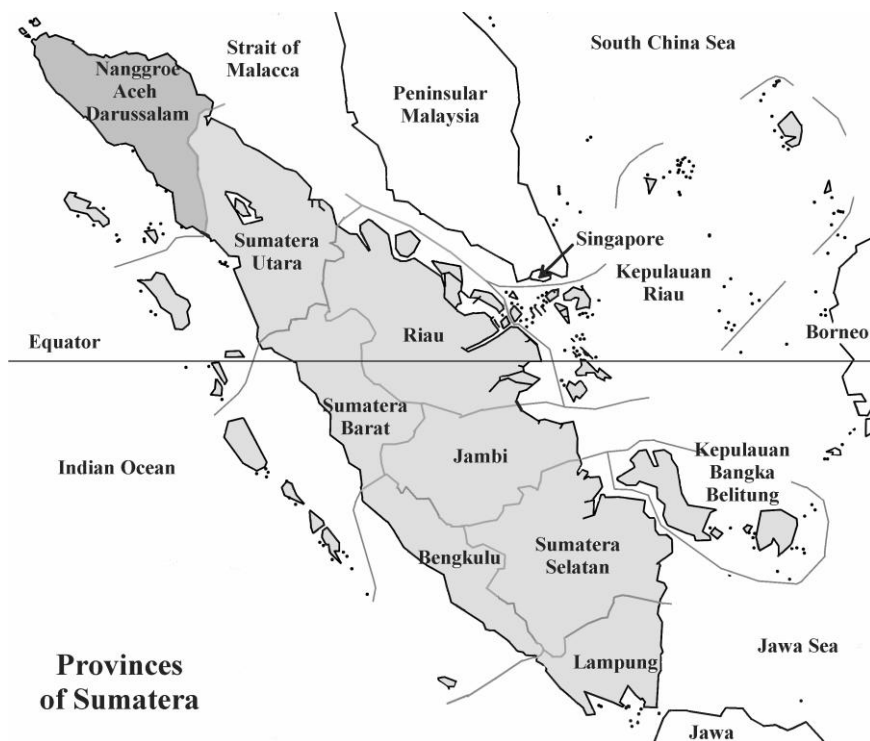
Abstract: The following Part II of “The stagbeetles of the Nanggroe Aceh Darussalam Province, Sumatra, Indonesia (Coleoptera: Lucanidae)” fully based on specimens preserved in the Research Collection of Ulrich and Laela H. Paukstadt (Wilhelmshaven, Germany). All specimens were collected by the authors during five entomological expeditions in the Nanggroe Aceh Darussalam Province (Province Aceh), island of Sumatra, Indonesia between September 2006 and March 2009, cf. Paukstadt & Paukstadt (2006a, 2007b, 2008, and 2009a, d). Eighteen taxa are recorded for the Nanggroe Aceh Darussalam Province for the first time, two taxa are recorded for the mainland of Aceh for the first time, and one taxon is confirmed for Aceh. While Part I was mainly dealing with some general information and observations on the biology and ecology of the stagbeetles, Part II of this series deals with the taxonomy of the Lucanidae of Sumatra and in particular with the fauna of Aceh. Selected specimens collected in the Nanggroe Aceh Darussalam Province are fully illustrated in color dorsally, laterally and occasionally ventrally and demonstrate the so far observed range of variability (mainly in size and form of the mandibles of the ♂ adults). The determinations of a few rare specimens or singletons remain uncertain, appropriate remarks within the text were done. The systematics used in this checklist based on Maes’ on-line catalogue “www.bionica.info/Lucanidae”. Contrary to our previous contribution on the Lucanidae of Aceh, cf. U. Paukstadt & L. H. Paukstadt (2011), no modifications of Maes’ catalogue were done in the tribe Dorcini. We have to point out that the complex *Dorcus* / *Serrognathus* needs deep revision. Determination used in this work based on the present knowledge of the Lucanidae of the Indonesian Archipelago but are considered being tentative and preliminary and are subject to change.

Einleitung

Der folgende Teil II von „Die Lucaniden (Hirschkäfer) der Nanggroe Aceh Darussalam Provinz, Sumatra, Indonesien (Coleoptera: Lucanidae)“ basiert ausschliesslich auf Belegexemplare in der Research Collection von Ulrich und Laela H. Paukstadt (Wilhelmshaven, Deutschland). Sämtliche Exemplare wurden von den Autoren zwischen September 2006 und März 2009 während fünf entomologischer Expeditionen in der Provinz Nanggroe

Aceh Darussalam (Provinz Aceh), Sumatra, Indonesien, aufgesammelt, vgl. Paukstadt & Paukstadt (2006a, 2007b, 2008 und 2009a, d). Achtzehn Taxa werden hier erstmalig für die Provinz Nanggroe Aceh Darussalam nachgewiesen. Zwei bisher nur für die Insel Simeulue (Provinz Aceh) bekannte Taxa werden hier erstmalig auch für die Insel Sumatra (Provinz Aceh) genannt und die Verbreitung eines weiteren Taxons wird für Aceh bestätigt. Während der Teil I dieser Serie hauptsächlich über allgemeine Informationen und Beobachtungen zur Biologie und Ökologie handelte, beschäftigt sich der hier vorliegenden Teil II speziell mit der Taxonomie der Lokalfauna von Aceh. Zahlreiche auserwählte Sammlungsexemplare von Aceh werden dorsal, lateral und gelegentlich auch ventral in Farbe abgebildet und sollen die bisher beobachteten Variationsbreiten (hauptsächlich in der Grösse und Mandibelform der ♂) dokumentieren. Die Belegexemplare sind meist in Lebensgrösse, kleinere Exemplare aber vergrössert abgebildet. Bei einigen kleineren Exemplaren und bei seltenen Einzelstücken bleibt die Bestimmung wegen fehlenden Vergleichsmaterials unsicher und wird deshalb im Text extra vermerkt. Ansonsten basiert die Taxonomie auf Maes' Internet Katalog der Lucaniden "www.bionica.info/Lucanidae". Entgegen unserer früheren Publikation über die Lucaniden Acehs, vgl. U. Paukstadt & L. H. Paukstadt (2011), werden hier keine taxonomischen Änderungen bei den Taxa der Tribus Dorcini vorgenommen. Wir möchten aber darauf hinweisen, dass eine umfassende Revision des *Dorcus/Serrognathus*-Komplex notwendig erscheint. Die vorläufige Scheckliste der Lucaniden Sumatras sowie die verwendete Systematik basieren auf den augenblicklichen Kenntnisstand der Lucaniden der Insel Sumatra, Indonesien. Ergänzungen und Korrekturen dürften mit zunehmender Erforschung der Lucaniden notwendig werden.

Die politische Gliederung Sumatras: Der Grossraum Sumatra ist politisch (Stand Oktober 2006) in 10 Provinzen, 36 kreisfreie Städte (=Kota) und 99 Verwaltungsbezirke (=Kabupaten) aufgeteilt. Die Verwaltungsbezirke von Nanggroe Aceh Darussalam sind: Kota (=Stadt) Banda Aceh, Kota Sabang, Kota Langsa, Kota Lhokseumawe, Kabupaten (=Verwaltungsbezirk) Aceh Besar, Kabupaten Pidie, Kabupaten Bireuen, Kabupaten Aceh Utara (=Nord), Kabupaten Aceh Tengah (=Zentral), Kabupaten Aceh Timur (=Ost), Kabupaten Aceh Tenggara (=Südost), Kabupaten Aceh Barat (=West), Kabupaten Simeulue, Kabupaten Aceh Selatan (=Süd), Kabupaten Aceh Singkil, Kabupaten Aceh Barat Daya (=Südwest), Kabupaten Aceh Gayo Lues, Kabupaten Aceh Jaya, Kabupaten Nagan Raya, Kabupaten Aceh Tamiang und Kabupaten Bener Meriah.



Provinces of Sumatra

Map 1. Provinces of Sumatra

- | | |
|--------------------------------------|-----------------------------------|
| 1. Propinsi Nanggroe Aceh Darussalam | Nanggroe Aceh Darussalam Province |
| 2. Propinsi Sumatera Utara | North Sumatra Province |
| 3. Propinsi Riau | Riau Province |
| 4. Propinsi Kepulauan Riau | Riau Archipelago Province |
| 5. Propinsi Sumatera Barat | West Sumatra Province |
| 6. Propinsi Jambi | Jambi Province |
| 7. Propinsi Bangka-Belitung | Bangka-Belitung Province |
| 8. Propinsi Sumatera Selatan | South Sumatra Province |
| 9. Propinsi Bengkulu | Bengkulu Province |
| 10. Propinsi Lampung | Lampung Province |

The Indonesian islands in the Indian Ocean off the western coast of Sumatra belong administratively to the following provinces: Simeulue I. and the Banyak Archipelago to the Nanggroe Aceh Darussalam Province, Nias I. and the Batu Archipelago to the North Sumatra Province, the Mentawai Archipelago to the West Sumatra Province, and finally Enggano I. to the Bengkulu Province (listed from North to South).

Die Hirschkäfer (Coleoptera: Lucanidae) Sumatras mit besonderer Berücksichtigung der Nanggroe Aceh Darussalam Provinz, Indonesien

The stagbeetles (Coleoptera: Lucanidae) of Sumatra with special reference to the Nanggroe Aceh Darussalam Province, Indonesia

Remarks: The following checklist and remarks on the distribution of the Lucanidae of the island of Sumatra and adjacent smaller islands which are cited herein based on our own observations in the Nanggroe Aceh Darussalam Province (Aceh), some further specimens from Sumatra in the Research Collection of Ulrich and Laela H. Paukstadt (Wilhelmshaven), as well as reviews of literature and information collected in the World Wide Web. Information on the distribution of the Lucanid beetles in Sumatra which were based on literature and the World Wide Web were checked carefully, amended, and/or corrected if found necessary. Records from literature cited herein might be perhaps incomplete, not correspond to the latest knowledge, and/or might be based on mislabeled or misidentified specimens. Inaccuracies in the citation of provinces could be occasionally available because recent authors often not distinguished between the administrative division in provinces and the geographical division of the island. During the last decades numerous new provinces had been set up in Sumatra. Observations carried out on the adjacent islands of Sumatra are made particularly recognizably. Taxa first time recorded for Aceh are pointed out herein. Further taxa are confirmed for Aceh and other provinces of Sumatra when found lacking in literature. Taxonomic conclusions are not drawn herein. Today's provinces which administratively belong to Sumatra are represented on a map for a better overview (Map 1).

Bemerkungen: Die folgende Liste der Lucaniden Sumatras und deren Verbreitung basiert auf eigene Beobachtungen in der Provinz Nanggroe Aceh Darussalam, auf weiteres Sammlungsmaterial von Sumatra in der wissenschaftlichen Spezialsammlung Ulrich und Laela H. Paukstadt (Wilhelmshaven), sowie auf Literatur und Internet Recherchen. Die aus der Literatur und dem Internet bekannten Fundorte wurden mit grosser Sorgfalt überprüft und gegebenenfalls ergänzt und/oder berichtigt und den aktuellen Provinzen zugeordnet. Die hier gemachten Angaben können eventuell unvollständig sein, nicht den neuesten Erkenntnissen entsprechen, auf falsch etikettiertes oder auch falsch bestimmtes Material beruhen. Ungenauigkeiten in der Nennung von Provinzen könnten vorhanden sein, weil von verschiedenen Autoren nicht zwischen administrativer Einteilung in Provinzen und geographischer Einteilung der Insel unterschieden wurde. Während der letzten Dekaden waren in Sumatra zahlreiche neue Provinzen eingerichtet worden. Lucaniden-Funde auf den vorgelagerten Inseln werden besonders kenntlich gemacht. Erstnachweise für Aceh werden genannt und Nachweise aus der Literatur ohne Nennung der Provinz werden für Aceh und weitere Provinzen bestätigt. Es sollen in diesem Beitrag keine taxonomischen Änderungen vorgenommen werden. Zur besseren Übersicht werden die heute administrativ zu Sumatra gehörenden Provinzen auf einer Karte dargestellt (Map 1).

Lucanidae LATREILLE, 1804

Aesalinae

Aesalini, *Echinoaesalus* ZELENKA, 1993

timidus (KRIKKEN, 1975) (*Aesalus*)

Distribution: North Sumatra Prov.

barriesi ZELENKA, 1993 (*Echinoaesalus*)

Distribution: North Sumatra Prov.

Lucaninae

Lucanini, *Hexarthrius* HOPE, 1843

rhinoceros (OLIVER, 1789) (*Lucanus*)

rhinoceros chaudierei DEYROLLE, 1864 (*Hexarthrius*)

Distribution: West Sumatra Prov.

rhinoceros sadaoi MIZUNUMA in Mizunuma & Nagai, 1994 (*Hexarthrius*)

Distribution: West Sumatra Prov. (Mentawai Archipelago: Siberut I., Sipora I., Pagai I.)

parryi HOPE, 1842 (*Hexarthrius*)

parryi paradoxus MÖLLENKAMP, 1897 (*Hexarthrius*)

Distribution: North Sumatra Prov., West Sumatra Prov., Lampung Prov., Aceh Prov. [**first time recorded for Aceh**]

mandibularis DEYROLLE, 1881 (*Hexarthrius*)

mandibularis sumatranus MIZUNUMA in Mizunuma & Nagai, 1994 (*Hexarthrius*)

Distribution: West Sumatra Prov., South Sumatra Prov., Lampung Prov.

Odontolabini, *Calcodes* WESTWOOD, 1834

aeratus (HOPE, 1834) (*Lucanus*)

Distribution: West Sumatra Prov., South Sumatra Prov.

striatus (DEYROLLE, 1864) (*Odontolabis*)

Distribution: West Sumatra Prov., Bangka-Belitung Prov. (Belitung I.)

ritsemae (BOILEAU, 1899) (*Odontolabis*)

Distribution: North Sumatra Prov.

cupreiventris (MÖLLENKAMP, 1900) (*Odontolabis*)

Distribution: N Sumatra Prov., Jambi Prov.

invitabilis (MIZUNUMA in Mizunuma & Nagai, 1994) (*Odontolabis*)

Distribution: North Sumatra Prov.

kazuhisai (MIZUNUMA in Mizunuma & Nagai, 1994) (*Odontolabis*)

Distribution: West Sumatra Prov.

Odontolabini, *Odontolabis* HOPE, 1842

gazella gazella (FABRICIUS, 1787) (*Lucanus*)

Distribution: West Sumatra Prov., South Sumatra Prov., Bangka-Belitung Prov. (Karimata I.)

latipennis latipennis (HOPE & WESTWOOD, 1845) (*Lucanus*)

Distribution: Aceh Prov. (Simeulue I.), North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), Bangka-Belitung Prov. (Bangka I.)

dalmani dalmani (HOPE & WESTWOOD, 1845) (*Lucanus*)

Distribution: North Sumatra Prov., West Sumatra Prov., Aceh [**first time recorded for Aceh**]

ludekingi ludekingi (VOLLENHOVEN, 1861) (*Lucanus*)

Distribution: North Sumatra Prov., West Sumatra Prov., Jambi Prov., Bengkulu Prov., Lampung Prov.

ludekingi monticola MÖLLENKAMP, 1906 (*Odontolabis*)

Distribution: West Sumatra Prov., South Sumatra Prov. [STATUS: *monticola* either a junior subjective synonym of *ludekingi* or a good species due to the fact that two subspecies cannot occur in the same area]

lacordairei (VOLLENHOVEN, 1861) (*Lucanus*)

Distribution: North Sumatra Prov., South Sumatra Prov., Lampung Prov., West Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]

brookeana (VOLLENHOVEN, 1861) (*Lucanus*)

Distribution: North Sumatra Prov., Lampung Prov.

castelnaudi castelnaudi PARRY, 1862 (*Odontolabis*)

Distribution: West Sumatra Prov., Lampung Prov.

somneri PARRY, 1862 (*Odontolabis*)

Distribution: North Sumatra Prov., West Sumatra Prov., Bengkulu Prov., Bangka-Belitung Prov. (Bangka I.), Lampung Prov.

- wollastoni* PARRY, 1864 (*Odontolabis*)
Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov.
- dalmani gracilis* KAUP, 1868 (*Odontolabis*)
Distribution: North Sumatra Prov. (Nias I.)
- gazella inaequalis* KAUP, 1868 (*Odontolabis*)
Distribution: North Sumatra Prov. (Nias I.)
- lowei lowei* PARRY, 1873 (*Odontolabis*)
Distribution: North Sumatra Prov., West Sumatra Prov.
- femoralis femoralis* (WATERHOUSE, 1887) (*Lucanus*)
Distribution: Sumatra [not specified, uncertain record]
- moellenkampi* FRUHSTORFER, 1898 (*Odontolabis*)
Distribution: “Central Sumatra” (most probably North Sumatra Prov.)
- reluscens* MÖLLENKAMP, 1900 (*Odontolabis*)
Distribution: Sumatra [not specified]
- antilope* VON ROTHENBURG, 1901 (*Odontolabis*)
Distribution: Sumatra [not specified, uncertain]
- spectabilis* BOILEAU, 1902 (*Odontolabis*)
Distribution: North Sumatra Prov., West Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]
- gazella instabilis* MÖLLENKAMP, 1904 (*Odontolabis*)
Distribution: North Sumatra Prov.
- eremicola* MÖLLENKAMP, 1905 (*Odontolabis*)
Distribution: North Sumatra Prov. [uncertain]
- quadrimaculata* KRIESCHE, 1920 (*Odontolabis*)
Distribution: West Sumatra Prov.
- hitam* NAGAI, 1986 (*Odontolabis*)
Distribution: West Sumatra Prov.
- picea* BOMANS, 1986 (*Odontolabis*)
Distribution: South Sumatra Prov.
- castelnaudi inomatai* MIZUNUMA in Mizunuma & Nagai, 1994 (*Odontolabis*)
Distribution: Aceh Prov. (Simeulue I.)

castelnaudi mentawaiensis MIZUNUMA in Mizunuma & Nagai, 1994
(*Odontolabis*)

Distribution: West Sumatra Prov. (Mentawai Arch.: Siberut I., North Pagai I., South Pagai I., Sipora I.)

dalmani simeuluensis MIZUNUMA in Mizunuma & Nagai, 1994
(*Odontolabis*)

Distribution: Aceh Prov. (Simeulue I.)

dalmani batuensis MIZUNUMA in Mizunuma & Nagai, 1994 (*Odontolabis*)
Distribution: North Sumatra Prov. (Batu I.)

dalmani subita MIZUNUMA in Mizunuma & Nagai, 1994 (*Odontolabis*)
Distribution: West Sumatra Prov. (Mentawai Archipelago: Siberut I., North Pagai I., South Pagai I.)

yasuokai MIZUNUMA in Mizunuma & Nagai, 1994 (*Odontolabis*)
Distribution: South Sumatra Prov., Lampung Prov.

Odontolabini, *Neolucanus* THOMSON, 1862

cingulatus PARRY, 1864 (*Neolucanus*)

cingulatus lansbergei LEUTHNER, 1885

Distribution: West Sumatra Prov.

cingulatus muntjac GESTRO, 1881 (*Neolucanus*)

Distribution: Riau Archipelago Prov. (Natuna Archipelago: Natuna Besar I.)

maculosus DIDIER, 1930 (*Neolucanus*)

Distribution: Riau Prov.

Figulini, *Figulus* W. S. MACLEAY, 1819

mediocris DEYROLLE, 1874

Distribution: North Sumatra Prov.

rugosus DEYROLLE, 1874

Distribution: Sumatra [unspecified]

marginalis RITSEMA, 1879

Distribution: West Sumatra Prov., North Sumatra Prov.

beccari GESTRO, 1881

Distribution: North Sumatra Prov., West Sumatra Prov.

fusconitens DIDIER, 1930

Distribution: North Sumatra Prov. (Nias I.)

serratus ARROW, 1938

Distribution: Riau Archipelago Prov. (Natuna Archipelago: Bunguran Besar I.)

granulosus BOMANS, 1986

Distribution: South Sumatra Prov.

cavifrons BOMANS, 1987

Distribution: North Sumatra Prov., Bengkulu Prov., Aceh Prov. [**record confirmed for Aceh**]

planifrons BOMANS, 1987

distribution: North Sumatra Prov.

porrectus BOMANS, 1989

Distribution: North Sumatra Prov.

Figulini, *Cardanus* WESTWOOD, 1834

sulcithorax (PERTY, 1831) (*Diasomus*)

Distribution: West Sumatra Prov.

sericeus BOILEAU, 1899

Distribution: Jambi Prov.

costatus RITSEMA, 1901

Distribution: Sumatra [unspecified]

reticulates ARROW, 1943

Distribution: West Sumatra Prov. / Jambi Prov.

Figulini, *Penichrolucanus* DEYROLLE, 1863

sumatrensis ARROW, 1935

Distribution: West Sumatra Prov., South Sumatra Prov.

Nigidini, *Nigidius* W. S. MACLEAY, 1819

obesus PARRY, 1864

Distribution: Sumatra [unspecified]

hageni RITSEMA, 1889

Distribution: West Sumatra Prov., North Sumatra Prov.

helleri BOILEAU, 1905

Distribution: West Sumatra Prov.

Allotopini, *Allotopus* ALBERS, 1894

moellenkampii moellenkampii (FRUHSTORFER, 1894) (*Prosopocoelus* [sic])

Distribution: North Sumatra Prov., West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), Lampung Prov., Aceh Prov.
[first time recorded for Aceh]

Cyclommatini, *Cyclommatus* (*Cyclommatellus*) NAGEL, 1936

(*Cyclommatellus*) *taurus* NAGEL, 1936 (*Cyclommatellus*)

Distribution: Sumatra [unspecified]

Cyclommatini, *Cyclommatus* (*Cyclommatus*) PARRY, 1863

(*Cyclommatus*) *tarandus tarandus* (THUNBERG, 1806) (*Lucanus*)

Distribution: Sumatra [uncertain]

(*Cyclommatus*) *dehaanii* (WESTWOOD, 1842) (*Lucanus*)

Distribution: North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I., Pagai I.), Jambi Prov., South Sumatra Prov.

(*Cyclommatus*) *faunicolor* (WESTWOOD, 1844) (*Lucanus*)

Distribution: North Sumatra Prov. (Nias I.) [considered erroneous]

(*Cyclommatus*) *insignis* PARRY, 1862 (*Cyclommatus*)

Distribution: Riau Archipelago Prov. (Natuna Archipelago: Bunguran Besar I.), single record for the West Sumatra Prov. by Nagel (1927)

(*Cyclommatus*) *maitlandi* PARRY, 1864 (*Cyclommatus*)

Distribution: North Sumatra Prov. (Nias I.)

- (*Cyclommatus*) *elaphus elaphus* GESTRO, 1881 (*Cyclommatus*)
 Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Lampung Prov., Aceh Prov. [**first time recorded for Aceh**]
- (*Cyclommatus*) *canaliculatus canaliculatus* RITSEMA, 1891 (*Cyclommatus*)
 Distribution: North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), South Sumatra Prov., Lampung Prov.
- (*Cyclommatus*) *pasteuri* RITSEMA, 1891 (*Cyclommatus*)
 Distribution: North Sumatra Prov., West Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]
 (*Cyclommatus*) *lacroixi* WEINREICH, 1971 (*Cyclommatus*); Status; junior subjective synonym of *Cyclommatus* (C.) *pasteuri* RITSEMA, 1891 (*Cyclommatus*)
- (*Cyclommatus*) *modiglianii* RITSEMA, 1898 (*Cyclommatus*)
 Distribution: North Sumatra Prov., South Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]
- (*Cyclommatus*) *cupreonitens* BOILEAU, 1901 (*Cyclommatus*)
 Distribution: North Sumatra Prov., South Sumatra Prov., West Sumatra Prov.
- (*Cyclommatus*) *lunifer* BOILEAU, 1905 (*Cyclommatus*)
 Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Lampung Prov.
- (*Cyclommatus*) *incognitus* MÖLLENKAMP, 1906 (*Cyclommatus*)
 Distribution: North Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), Lampung Prov.
- (*Cyclommatus*) *simalurensis* RITSEMA, 1913 (*Cyclommatus*)
 Distribution: Aceh Prov. (Simeulue I.)
- (*Cyclommatus*) *subtilis* DE LISLE, 1967 (*Cyclommatus*)
 Distribution: Riau Prov.
- (*Cyclommatus*) *elaphus truncatus* SCHENK, 2000 (*Cyclommatus*)
 Distribution: Aceh Prov.
- (*Cyclommatus*) *elaphus kirchneri* SCHENK, 2000 (*Cyclommatus*)
 Distribution: West Sumatra Prov. [uncertain status: the two subspecies *elaphus elaphus* and *elaphus kirchneri* must not range in the same province]

(*Cyclommatus*) *mirabilis* [Lacroix] (*Cyclommatus*) [manuscript name]
Distribution: Sumatra Prov.

Cladognathini, *Prosopocoilus* WESTWOOD, 1845

Cladognathini, *Prosopocoilus* (*Prosopocoilus*) WESTWOOD, 1845

zebra zebra (OLIVER, 1789) (*Lucanus*)

Distribution: North Sumatra Prov., West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), South Sumatra Prov., Lampung Prov.

buddha (HOPE, 1842) (*Lucanus*)

buddha erberi LACROIX, 1988 (*Prosopocoelus* [sic])

Distribution: Aceh Prov., Aceh Prov. (Simeulue I.), West Sumatra Prov.

forceps forceps (VOLLENHOVEN, 1861) (*Dorcus*)

Distribution: North Sumatra Prov., West Sumatra Prov., Lampung Prov.

squamilateris squamilateris (PARRY, 1862) (*Cladognathus*)

Distribution: North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), Riau Archipelago Prov. (Anambas Archipelago: Tarempa I.)

spectabilis (RITSEMA, 1912) (*Metopodontus*)

Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Aceh Prov. **[first time recorded for Aceh]**

bison flavocinctus WEINREICH, 1971 (*Prosopocoelus* [sic]); STATUS;
junior subjective synonym of *spectabilis* (RITSEMA, 1912)
(*Metopodontus*)

kamanita KRIESCHE, 1922 (*Prosopocoilus*)

Distribution: ?Sumatra or ?Borneo [uncertain locality]

***Prosopocoilus* (*Cladognathus*) BURMEISTER, 1847**

girafa (OLIVER, 1789) (*Lucanus*)

girafa borobudur MIZUNUMA & NAGAI, 1991

Distribution: South Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Sipora I.)

Cladognathini, *Prosopocoilus* (*Metopodontus*) WESTWOOD & HOPE, 1845

kannegieteri VAN DE POLL, 1895 (*Metopodontus*)

Distribution: North Sumatra Prov., South Sumatra Prov., Lampung Prov.

elaphus MÖLLENKAMP, 1902 (*Metopodontus*)

Distribution: North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., South Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]

Cladognathini, *Prosopocoilus* (*Hoplitocranum*) JAKOWLEW, 1896

flavidus (PARRY, 1862) (*Cladognathus*)

Distribution: North Sumatra Prov., West Sumatra Prov., Bengkulu Prov.

attenuatus (PARRY, 1864) (*Cladognathus*)

Distribution: West Sumatra Prov., Bengkulu Prov.

mysticus PARRY, 1870 (*Prosopocoelus* [sic])

mysticus rusa KRIESCHE, 1921

Distribution: Aceh Prov., North Sumatra Prov., North Sumatra Prov. (Nias I.), Lampung Prov.

mohnikei mohnikei PARRY, 1873 (*Prosopocoelus* [sic])

Distribution: North Sumatra Prov., West Sumatra Prov., Lampung Prov.

mysticus shizukoe MIZUNUMA in Mizunuma & Nagai, 1994

(*Prosopocoilus*)

Distribution: Aceh Prov. (Simeulue I.)

Cladognathini, *Prosopocoilus* (*Cyclotropus*) OBERTHÜR & HOULBERT, 1913

sericeus (WESTWOOD, 1844) (*Lucanus*)

sericeus sericeus (WESTWOOD, 1844) (*Lucanus*)

Distribution: Aceh Prov., North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., Lampung

occipitalis (HOPE & WESTWOOD, 1845) (*Lucanus*)

occipitalis preangerensis OBERTHÜR & HOULBERT, 1913 (*Prosopocoelus* [sic])

Distribution: Aceh Prov. (Simeulue I.), Aceh Prov. (Banyak Archipelago), North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I., Pagai I.), Bengkulu Prov., Lampung Prov., Aceh Prov. [**first time recorded for the mainland of Aceh**]

oweni (HOPE & WESTWOOD, 1845) (*Lucanus*)

oweni irenicus DE LISLE, 1976 (*Prosopocoelus* [sic])

Distribution: North Sumatra Prov., South Sumatra Prov., Lampung Prov.

forficatus ALBERS, 1889 (*Prosopocoelus* [sic])

Distribution: North Sumatra Prov.

rubens DIDIER, 1927 (*Prosopocoelus* [sic])

Distribution: South Sumatra Prov.

sericeus simeuluensis MIZUNUMA & NAGAI, 1991 (*Prosopocoilus*)

Distribution: Aceh Prov. (Simeulue I.)

sericeus siberutensis MIZUNUMA in Mizunuma & Nagai, 1994
(*Prosopocoilus*)

Distribution: West Sumatra Prov. (Mentawai Archipelago: Siberut I., Sipora I.)

Cladognathini, *Prosopocoilus* (*Macrodorcinus*) MAES, 1990

passaloides (HOPE & WESTWOOD, 1845) (*Lucanus*)

Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov.

laminifer BOILEAU, 1904 (*Prosopocoelus*)

Distribution: North Sumatra Prov.

Cladognathini, *Macrodorcas* MOTSCHULSKY, 1862

Cladognathini, *Macrodorcas (Pogonodorcus)* SEGUY, 1954

elegantula (ALBERS, 1891) (*Prosopocoelus*)

elegantula axis (BOILEAU, 1904) (*Hemisodorcus*)

Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Lampung Prov.

acudentata (BOMANS, 1979) (*Hemisodorcus*)

Distribution: North Sumatra Prov., West Sumatra Prov.

Dorcini, *Serrognathus* MOTSCHULSKY, 1861

Dorcini, *Serrognathus (Serrognathus)* MOTSCHULSKY, 1861

titanus titanus (BOISDUVAL, 1835) (*Lucanus*)

Distribution: North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., Lampung Prov.

dorcoides (NAGEL, 1939) (*Eurytrachelus*)

Distribution: West Sumatra Prov.

Dorcini, *Serrognathus (Eurytrachelus)* THOMSON, 1862

reichei (HOPE, 1842) (*Lucanus*)

reichei hansteini ALBERS, 1889 (*Eurytrachelus*)

Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]

rama BOILEAU, 1897 (*Eurytrachelus*)

Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]

Dorcini, *Serrognathus (Lasiodorcus)* DIDIER, 1931

taurus taurus (FABRICIUS, 1801) (*Lucanus*)

Distribution: Aceh Prov. (Simeulue I.), North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I., Sipora I., Pagai I.), Lampung Prov.

Dorcini, *Serrognathus (Brontodorcus)* DIDIER, 1931

alcides (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Distribution: North Sumatra Prov., West Sumatra Prov., Lampung Prov.

Dorcini, *Serrognathus (Ditomoderus)* PARRY, 1864

mirabilis PARRY, 1864 (*Ditomoderus*)

Distribution: Lampung Prov., Aceh Prov. [**first time recorded for Aceh**]

Dorcini, *Telodorcus* DIDIER, 1931

saiga saiga (OLIVER, 1789) (*Lucanus*)

Distribution: North Sumatra Prov.

niasicus (NONFRIED, 1895) (*Eurytrachelus*)

Distribution: North Sumatra Prov. (Nias I.)

Dorcini, *Dynodorcus* DIDIER, 1931

ritsemae (OBERTHÜR & HOULBERT, 1914) (*Dorcus*)

ritsemae volscens (DIDIER & SEGUY, 1953) (*Dorcus*)

Distribution: North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., Lampung Prov., Aceh Prov. [**first time recorded for Aceh**]

antaeus (HOPE, 1842) (*Dorcus*)

Distribution: Aceh Prov.

fuscescens (DIDIER, 1931) (*Dorcus*)

Distribution: Bengkulu Prov. (Engano I.)

Dorcini, *Velutinodorcus* MAES, 1992

tricuspis tricuspis (RITSEMA, 1882) (*Aegus*)

Distribution: North Sumatra Prov., West Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]

Dorcini, *Eulepidius* WESTWOOD, 1874

luridus WESTWOOD, 1874 (*Eulepidius*)

Distribution: North Sumatra Prov., Lampung Prov.

Dorcini, *Gnaphaloryx* (*Gnaphaloryx*) BURMEISTER, 1847

opacus BURMEISTER, 1847 (*Gnaphaloryx*)

Distribution: Aceh Prov. (Simeulue I.), North Sumatra Prov., North Sumatra Prov. (Nias I.), South Sumatra Prov., Lampung Prov.

Aegini, *Aegus* (*Gnaphaegus*) MAES, 1992

squalidus (HOPE & WESTWOOD, 1845) (*Lucanus*)

squalidus ericsoni (BOILEAU, 1911) (*Gnaphaloryx*)

Distribution: North Sumatra Prov., South Sumatra Prov., Lampung Prov.

dilaticollis (PARRY, 1864) (*Gnaphaloryx*)

Distribution: South Sumatra Prov.

perforatus perforatus (RITSEMA, 1885) (*Gnaphaloryx*)

Distribution: Sumatra [unspecified]

capreolus (BOILEAU, 1903) (*Gnaphaloryx*)

Distribution: West Sumatra Prov., North Sumatra Prov.

Aegini, *Aegus* (*Aegotypus*) PARRY, 1874

trilobatus PARRY, 1862 (*Aegus*)

Distribution: West Sumatra Prov., South Sumatra Prov.

acanthinus DIDIER, 1928 (*Aegotypus*)

Distribution: West Sumatra Prov.

shimanei NAGAI in Mizunuma & Nagai, 1994 (*Aegotypus*)

Distribution: West Sumatra Prov.

Aegini, *Aegus* (Aegus) W. S. MACLEAY, 1819

acuminatus (FABRICIUS, 1801) (*Lucanus*)

Distribution: North Sumatra Prov., West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), South Sumatra Prov., Lampung Prov.,

eschscholtzi eschscholtzi (HOPE & WESTWOOD, 1845) (*Lucanus*)

Distribution: Sumatra [unspecified]

parallelus (HOPE & WESTWOOD, 1845) (*Lucanus*)

Distribution: Aceh Prov., North Sumatra Prov., North Sumatra Prov. (Nias I.), West Sumatra Prov., South Sumatra Prov., Bangka-Belitung (Belitung I.)

platyodon PARRY, 1862 (*Aegus*)

platyodon punctipennis PARRY, 1864 (*Aegus*)

Distribution: North Sumatra Prov.

impressicollis impressicollis PARRY, 1864 (*Aegus*)

Distribution: North Sumatra Prov.

leeuweni RITSEMA, 1882 (*Aegus*)

Distribution: North Sumatra Prov., West Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]

fornicatus ALBERS, 1889 (*Aegus*)

Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Lampung Prov.

curtisi WATERHOUSE, 1890 (*Aegus*)

Distribution: West Sumatra Prov.

chelifer W. S. MACLEAY, 1819 (*Aegus*)

chelifer nitidus BOILEAU, 1899

Distribution: West Sumatra Prov.

bigibbosus bigibbosus RITSEMA, 1897 (*Aegus*)

Distribution: North Sumatra Prov., West Sumatra Prov., South Sumatra Prov., Aceh Prov. [**first time recorded for Aceh**]

acuminatus mandibularis MÖLLENKAMP, 1906 (*Aegus*)

Distribution: North Sumatra Prov., Aceh Prov. [**first time recorded for the mainland of Aceh**]

schenklingi MÖLLENKAMP, 1909 (*Aegus*)

Distribution: Aceh Prov., North Sumatra Prov., West Sumatra Prov.

bison MÖLLENKAMP, 1912 (*Aegus*)

Distribution: Sumatra [unspecified]

splendidus NAGEL, 1928 (*Aegus*)

Distribution: Sumatra [unspecified]

laticollis laticollis ARROW, 1943 (*Aegus*)

Distribution: West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.), South Sumatra Prov., Lampung Prov.

ambiguus DE LISLE, 1970 (*Aegus*)

Distribution: North Sumatra Prov.

modiglianii BOMANS, 1992 (*Aegus*)

Distribution: North Sumatra Prov.

sumatraensis BOMANS, 1992 (*Aegus*)

Distribution: West Sumatra Prov.

acuminatus natuensis NAGAI in Mizunuma & Nagai, 1994 (*Aegus*)

Distribution: Riau Archipelago Prov. (Natuna I.)

acuminatus simeuluensis NAGAI in Mizunuma & Nagai, 1994 (*Aegus*)

Distribution: Aceh Prov. (Simeulue I.)

acuminatus niasicus NAGAI in Mizunuma & Nagai, 1994 (*Aegus*)

Distribution: North Sumatra Prov.

Status: junior homonym of *Aegus niasicus* DIDIER & SEGUY, 1952; a replacement name most probably would become a junior subjective synonym of *acuminatus mandibularis* MÖLLENKAMP, 1906 (*Aegus*) described from the North Sumatra Prov.

kazuhsai NAGAI in Mizunuma & Nagai, 1994 (*Aegus*)

Distribution: West Sumatra Prov., West Sumatra Prov. (Mentawai Archipelago: Siberut I.)

Aegini, Aegus (Micraegus) MAES, 1992

lunatus lunatus (WEBER, 1791) (*Lucanus*)

Distribution: Aceh Prov., West Sumatra Prov., West Sumatra Prov. (Nias I.), South Sumatra Prov.

myrmidon myrmidon THOMSON, 1856 (*Aegus*)

Distribution: North Sumatra Prov., West Sumatra Prov.

amictus DEYROLLE, 1865 (*Aegus*)

Distribution: Sumatra [unspecified, uncertain]

parryi WATERHOUSE, 1890 (*Aegus*)

Distribution: Sumatra [unspecified]

hamatus JAKOWLEW, 1900 (*Aegus*)

Distribution: Jambi Prov.

hopei BOILEAU, 1901 (*Aegus*)

Distribution: West Sumatra Prov., South Sumatra Prov.

legrandi NAGAI in Mizunuma & Nagai, 1994 (*Aegus*)

Distribution: West Sumatra Prov.

payakumbuhensis NAGAI in Mizunuma & Nagai, 1994 (*Aegus*)

Distribution: West Sumatra Prov.

Aegini, Aegus (Torynognathus) ARROW, 1935

oberthuri ARROW, 1935 (*Torynognathus*)

Distribution: North Sumatra Prov.

Acknowledgement: We are grateful to Luca BARTOLOZZI, Museo di Storia Naturale Firenze, Zoology ‘La Specola’, Entomological Department, Florence, Italy for the discussion and determination of selected specimens.

COLOR PLATE I

Lucanidae: Lucaninae

Lucanini, *Hexarthrius* HOPE, 1843

Fig. 1a, b)

♂ *parryi* HOPE, 1842 (*Hexarthrius*)

♂ *parryi paradoxus* MÖLLENKAMP, 1897 (*Hexarthrius*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Odontolabini, *Odontolabis* HOPE, 1842

Fig. 2a, b, c)

♂ *lacordairei* (VOLLENHOVEN, 1861) (*Lucanus*)

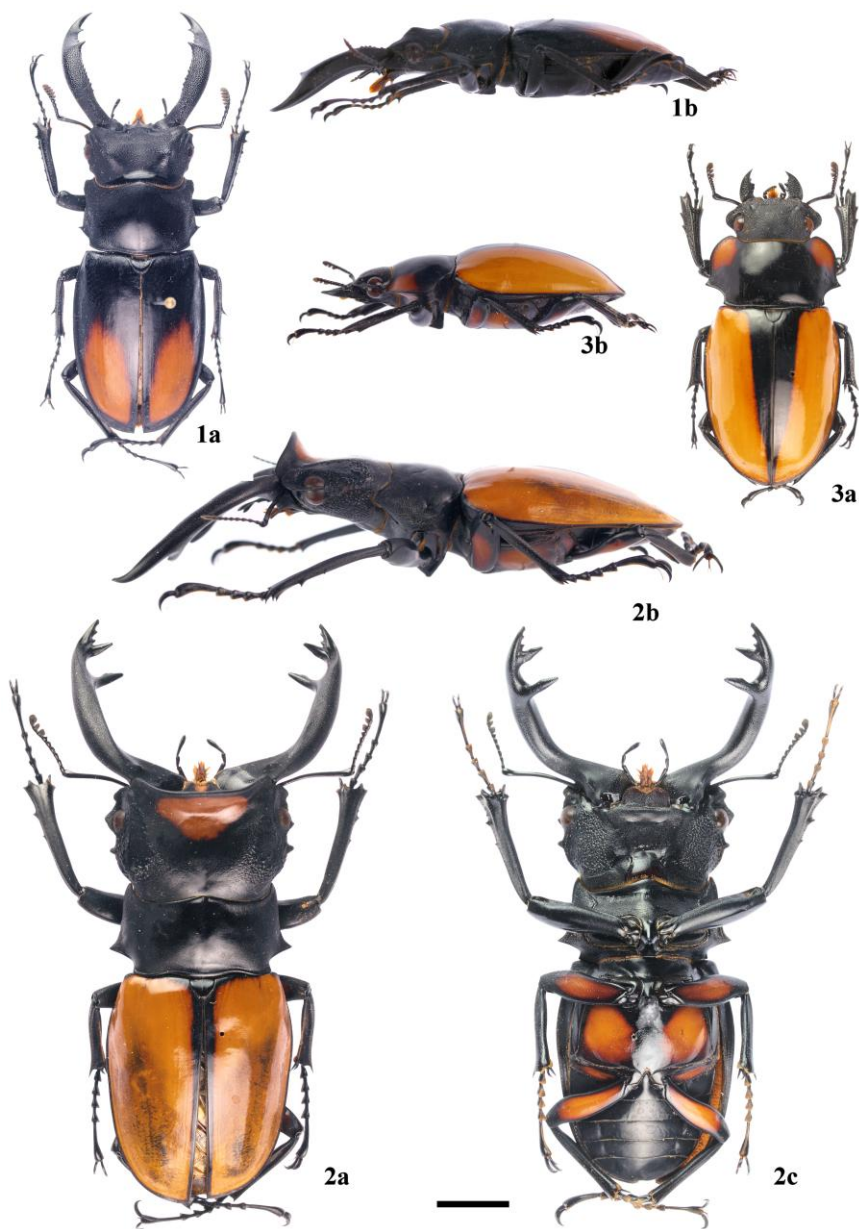
Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 3a, b)

♀ *lacordairei* (VOLLENHOVEN, 1861) (*Lucanus*)

Remarks: Contrary to the ♀ adults the ♂ adults of *lacordairei* and *spectabilis* are difficult to distinguish.

Scale bar = 10.0 mm for all illustrations in this contribution.



COLOR PLATE II

Odontolabini, *Odontolabis* HOPE, 1842

Fig. 4a, b)

♂ *lacordairei* (VOLLENHOVEN, 1861) (*Lucanus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 5a, b)

♂ *spectabilis* BOILEAU, 1902 (*Odontolabis*)

Fig. 6a, b)

♂ *spectabilis* BOILEAU, 1902 (*Odontolabis*)

Fig. 7a, b)

♀ *spectabilis* BOILEAU, 1902 (*Odontolabis*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

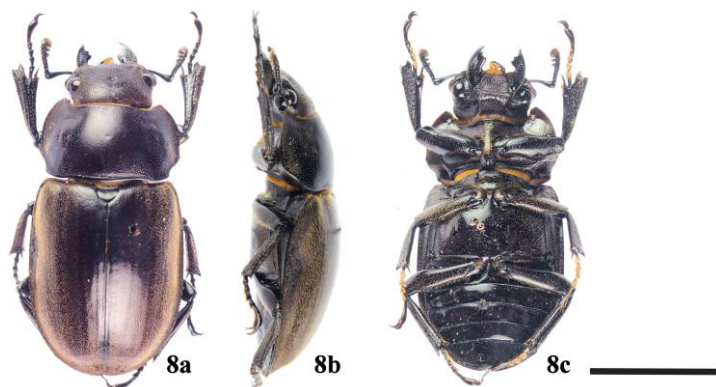


Fig. 8a, b, c) undetermined Odontolabini: *Calcodes* sp. (Scale bar = 10mm)

Remarks: *Calcodes* WESTWOOD, 1834 is recorded for the Nanggroe Aceh Darussalam Province for the first time being.



COLOR PLATE III

Odontolabini, *Odontolabis* HOPE, 1842

Fig. 9a, b)

♂ *spectabilis* BOILEAU, 1902 (*Odontolabis*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 10 a, b, c)

♀ *dalmani dalmani* (HOPE & WESTWOOD, 1845) (*Lucanus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Allotopini, *Allotopus* ALBERS, 1894

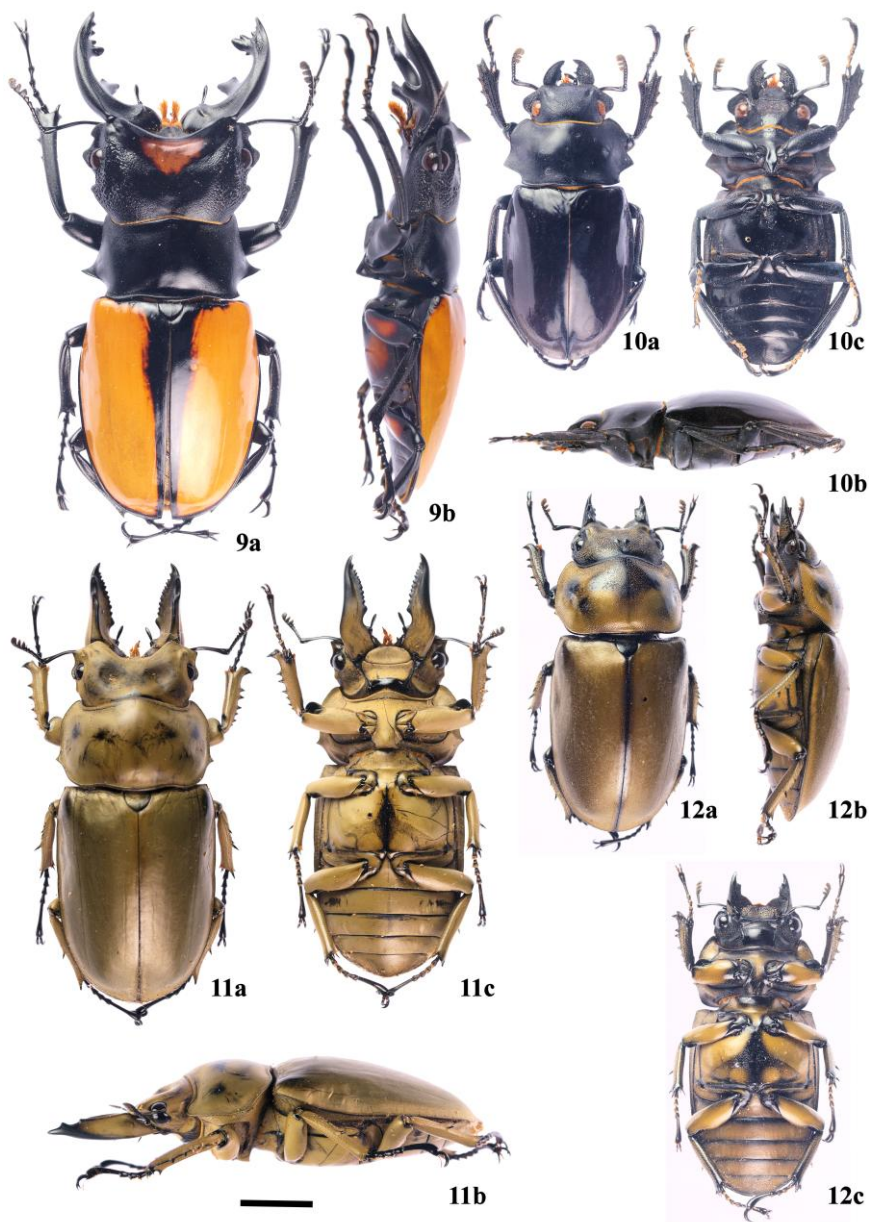
Fig. 11 a, b, c)

♂ *moellenkampii moellenkampii* (FRUHSTORFER, 1894) (*Prosopocoelus* [sic])

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 12 a, b, c)

♀ *moellenkampii moellenkampii* (FRUHSTORFER, 1894) (*Prosopocoelus* [sic])



COLOR PLATE IV

Cyclommatini, *Cyclommatus* (*Cyclommatus*) PARRY, 1863

Fig. 13a, b, c)

♂ (*Cyclommatus*) *elaphus elaphus* GESTRO, 1881 (*Cyclommatus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 14a)

♂ (*Cyclommatus*) *elaphus elaphus* GESTRO, 1881 (*Cyclommatus*)

Remarks: Two color morphs of ♂ *elaphus*.

Fig. 15a, b, c)

♀ (*Cyclommatus*) *elaphus elaphus* GESTRO, 1881 (*Cyclommatus*)

Fig. 16a, b)

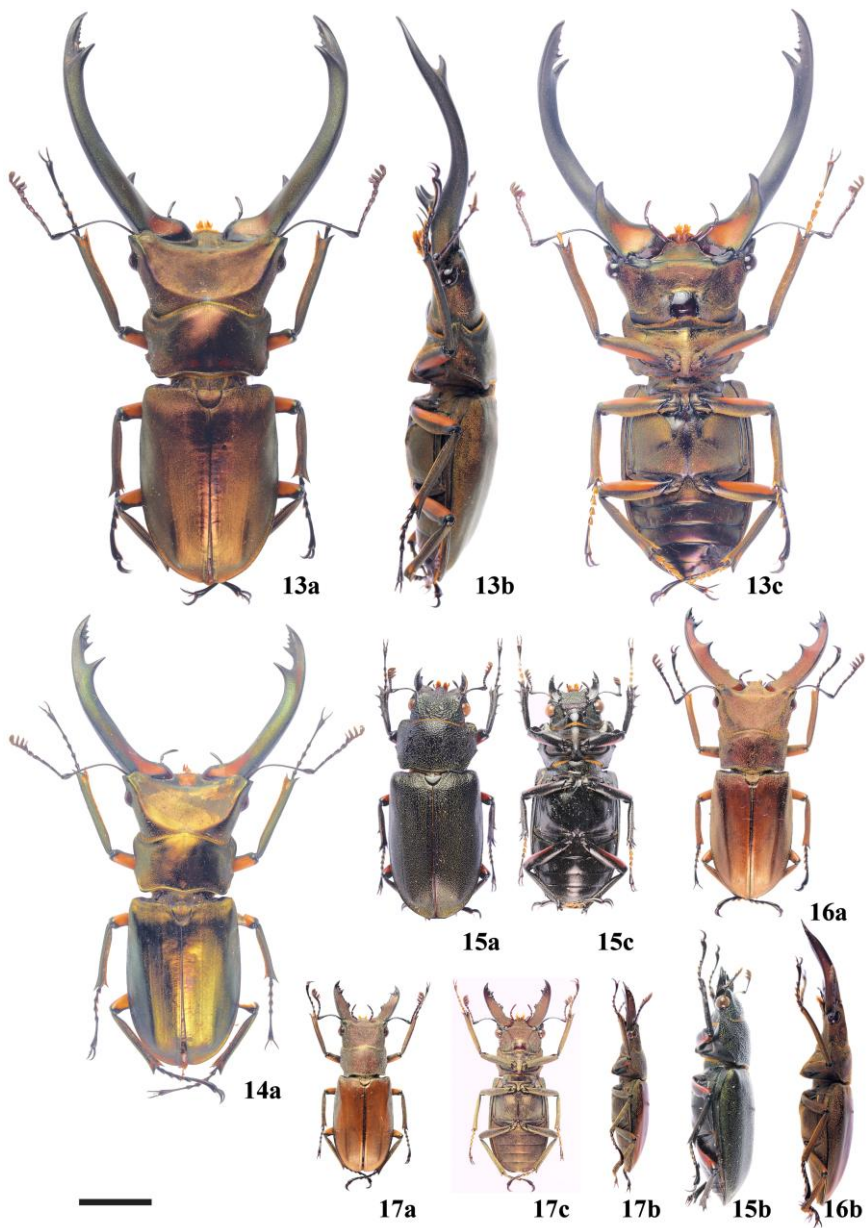
♂ (*Cyclommatus*) *pasteuri* RITSEMA, 1891 (*Cyclommatus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 17a, b, c)

♂ (*Cyclommatus*) ?*pasteuri* RITSEMA, 1891 (*Cyclommatus*)

Remarks: Singleton, uncertain identity due to size and habitus.



COLOR PLATE V

Cyclommatini, *Cyclommatus* (*Cyclommatus*) PARRY, 1863

Fig. 18a, b, c)

♂ (*Cyclommatus*) *pasteuri* RITSEMA, 1891 (*Cyclommatus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 19a, b, c)

♀ (*Cyclommatus*) *pasteuri* RITSEMA, 1891 (*Cyclommatus*)

Fig. 20a, b, c)

♂ (*Cyclommatus*) *modiglianii* RITSEMA, 1898 (*Cyclommatus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 21a, b)

♂ (*Cyclommatus*) *modiglianii* RITSEMA, 1898 (*Cyclommatus*)

Fig. 22a, b, c)

♀ (*Cyclommatus*) *modiglianii* RITSEMA, 1898 (*Cyclommatus*)

Cladognathini, *Prosopocoilus* (*Prosopocoilus*) WESTWOOD, 1845

Fig. 23a, b, c)

♂ *spectabilis* (RITSEMA, 1912) (*Metopodontus*)

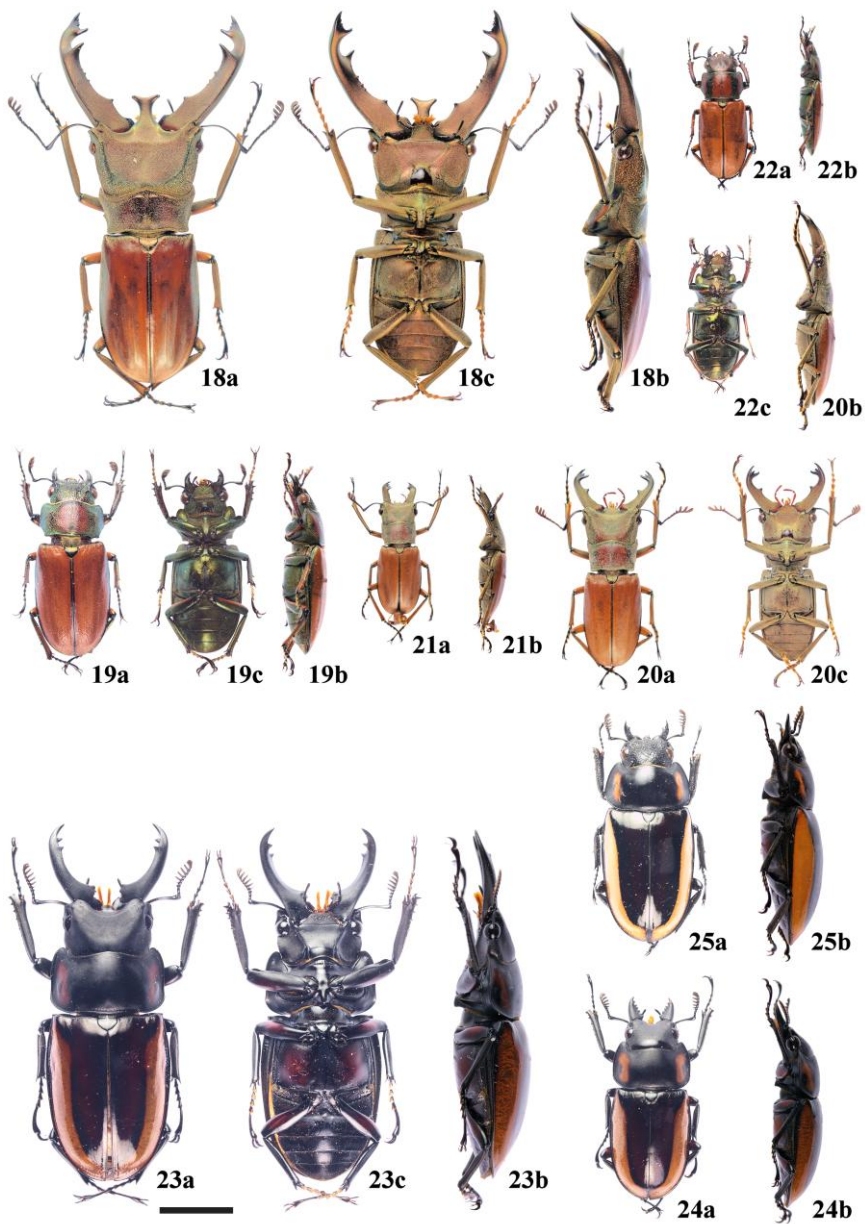
Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 24a, b)

♂ *spectabilis* (RITSEMA, 1912) (*Metopodontus*)

Fig. 25a, b)

♀ *spectabilis* (RITSEMA, 1912) (*Metopodontus*)



COLOR PLATE VI

Cladognathini, *Prosopocoilus* (*Metopodontus*) WESTWOOD & HOPE, 1845

Fig. 26a, b, c)

♂ *elaphus* MÖLLENKAMP, 1902 (*Metopodontus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 27a, b)

♂ *elaphus* MÖLLENKAMP, 1902 (*Metopodontus*)

Fig. 28a, b)

♂ *elaphus* MÖLLENKAMP, 1902 (*Metopodontus*)

Fig. 29a, c)

♂ *elaphus* MÖLLENKAMP, 1902 (*Metopodontus*)

Fig. 30a, b, c)

♀ *elaphus* MÖLLENKAMP, 1902 (*Metopodontus*)

Cladognathini, *Prosopocoilus* (*Cyclotropus*) OBERTHÜR & HOULBERT, 1913

occipitalis (HOPE & WESTWOOD, 1845) (*Lucanus*)

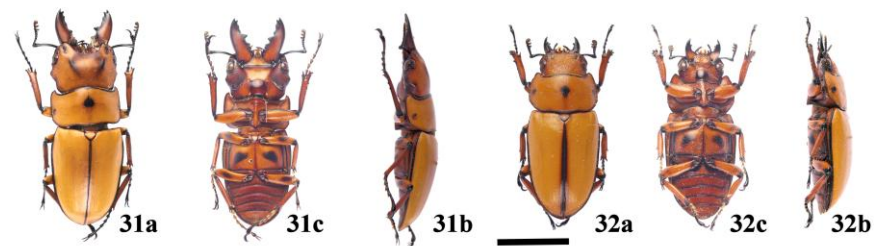
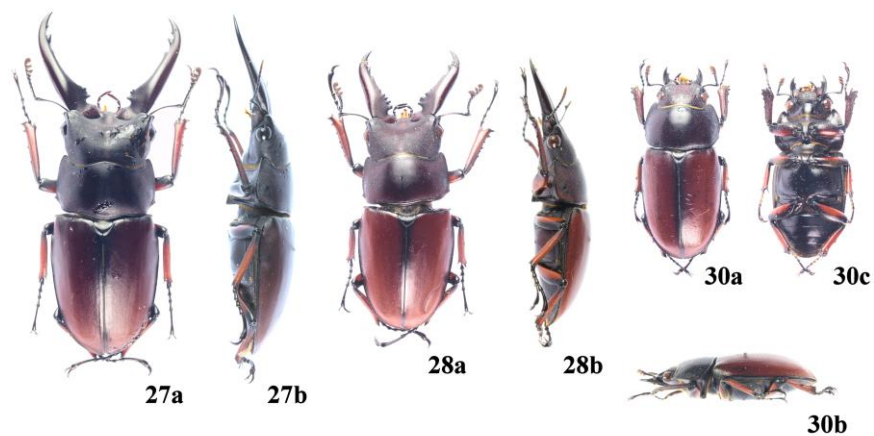
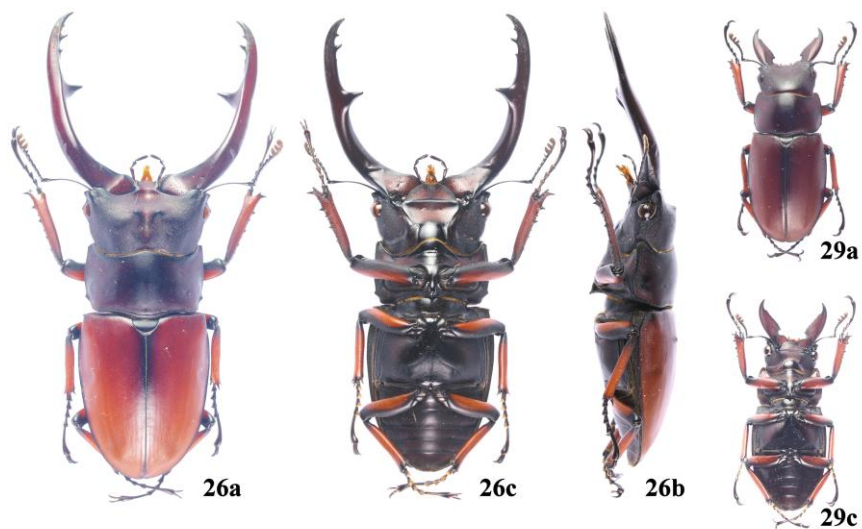
Fig. 31a, b, c)

♂ *occipitalis preangerensis* OBERTHÜR & HOULBERT, 1913 (*Prosopocoelus* [sic])

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province (mainland, island of Sumatra).

Fig. 32a, b, c)

♀ *occipitalis preangerensis* OBERTHÜR & HOULBERT, 1913 (*Prosopocoelus* [sic])



COLOR PLATE VII

Dorcini, *Serrognathus* MOTSCHULSKY, 1861

Dorcini, *Serrognathus* (*Brontodorcus*) DIDIER, 1931

Fig. 33a, b)

♂ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Fig. 34a, b)

♂ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Fig. 35a, b)

♂ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Fig. 36a)

♀ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Fig. 37a, b, c)

♀ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Remarks: Contrary to our previous contribution to knowledge the Lucanidae of Aceh we decided to follow strictly the systematics used in Maes' on-line catalogue of the Lucanidae in the tribus Dorcini. At the time being it can be more convenient to include all taxa in the genus *Dorcus* prior a revision of the tribus Dorcini is carried out.



COLOR PLATE VIII

Dorcini, *Serrognathus* MOTSCHULSKY, 1861

Dorcini, *Serrognathus* (*Brontodorcus*) DIDIER, 1931

Fig. 38a, b, c)

♂ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Fig. 39a, b)

♂ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Fig. 40a, b)

♂ *alcides* (VOLLENHOVEN, 1865) (*Eurytrachelus*)

Dorcini, *Serrognathus* (*Ditomoderus*) PARRY, 1864

Fig. 41a, b, c)

♂ *mirabilis* PARRY, 1864 (*Ditomoderus*)

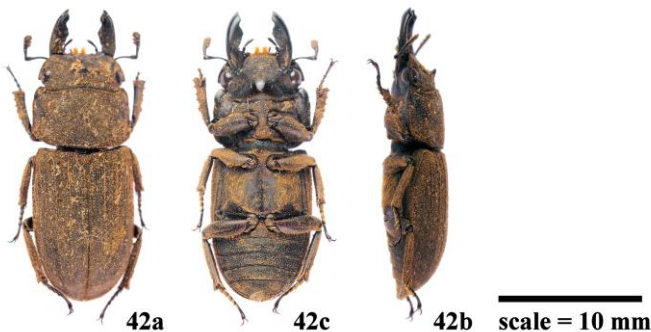
Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

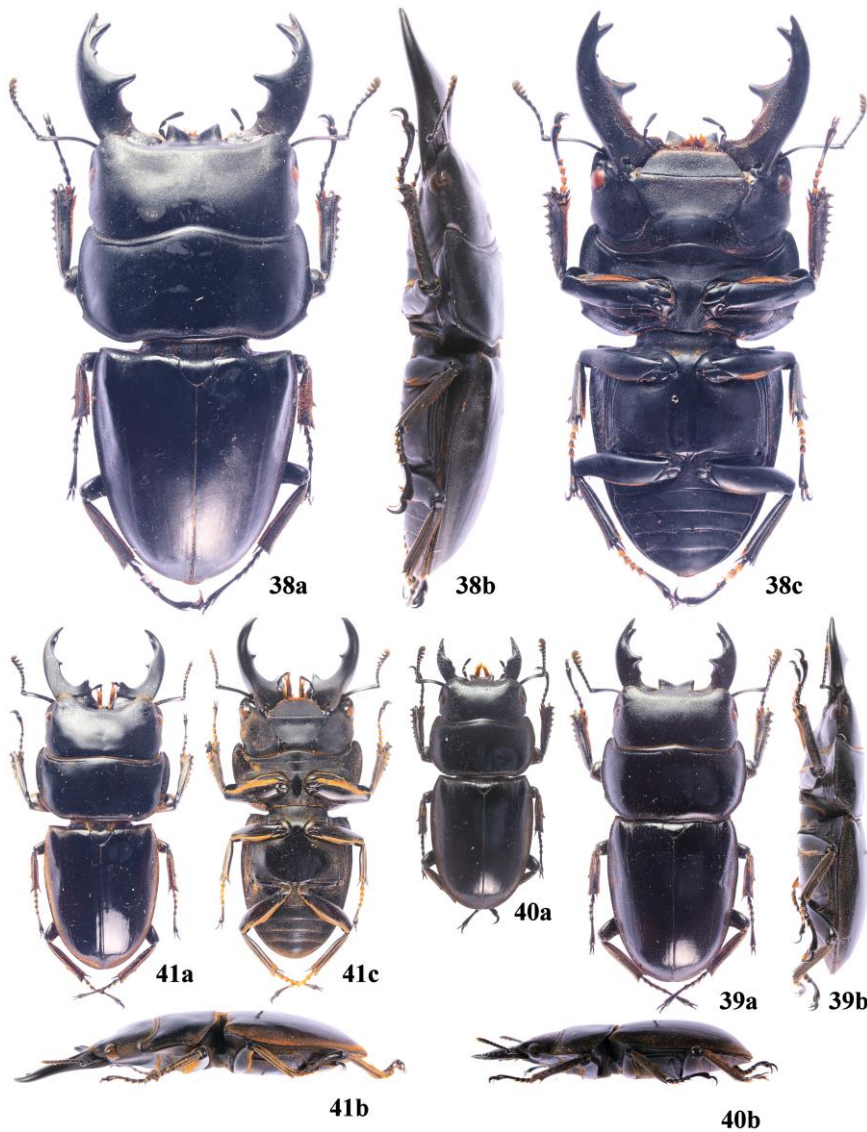
Dorcini, *Velutinodorcus* MAES, 1992

Fig. 42a, b, c)

♂ *tricuspis tricuspis* (RITSEMA, 1882) (*Aegus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.
(The figures are two times enlarged)





COLOR PLATE IX

Dorcini, *Dynodorcus* DIDIER, 1931

ritsemae (OBERTHÜR & HOULBERT, 1914) (*Dorcus*)

Fig. 43a, b, c)

♂ *ritsemae volscens* (DIDIER & SEGUY, 1953) (*Dorcus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 44a, b)

♂ *ritsemae volscens* (DIDIER & SEGUY, 1953) (*Dorcus*)

Dorcini, *Serrognathus* (*Eurytrachelus*) THOMSON, 1862

Fig. 45a, b, c)

♂ *rama* BOILEAU, 1897 (*Eurytrachelus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

reichei (HOPE, 1842) (*Lucanus*)

Fig. 46a, b)

♂ *reichei hansteini* ALBERS, 1889 (*Eurytrachelus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 47a, b)

♂ *reichei hansteini* ALBERS, 1889 (*Eurytrachelus*)



43a



43c



43b



45a



45c



45b



44a



44b



46a



46b



47a



47b



COLOR PLATE X

Dorcini, *Serrognathus (Eurytrachelus)* THOMSON, 1862

reichei (HOPE, 1842) (*Lucanus*)

Fig. 48a, b, c)

♂ *reichei hansteini* ALBERS, 1889 (*Eurytrachelus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 49a, b, c)

♂ *reichei hansteini* ALBERS, 1889 (*Eurytrachelus*)

Fig. 50a, b, c)

♀ *reichei hansteini* ALBERS, 1889 (*Eurytrachelus*)

Dorcini, *Serrognathus (Lasiodorcus)* DIDIER, 1931

Fig. 51a, b, c)

♂ *taurus taurus* (FABRICIUS, 1801) (*Lucanus*)

Fig. 52a, b)

♂ *taurus taurus* (FABRICIUS, 1801) (*Lucanus*)

Aegini, *Aegus (Aegus)* W. S. MACLEAY, 1819

Fig. 53a, b, c)

♂ *leeuweni* RITSEMA, 1882 (*Aegus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

acuminatus (FABRICIUS, 1801) (*Lucanus*)

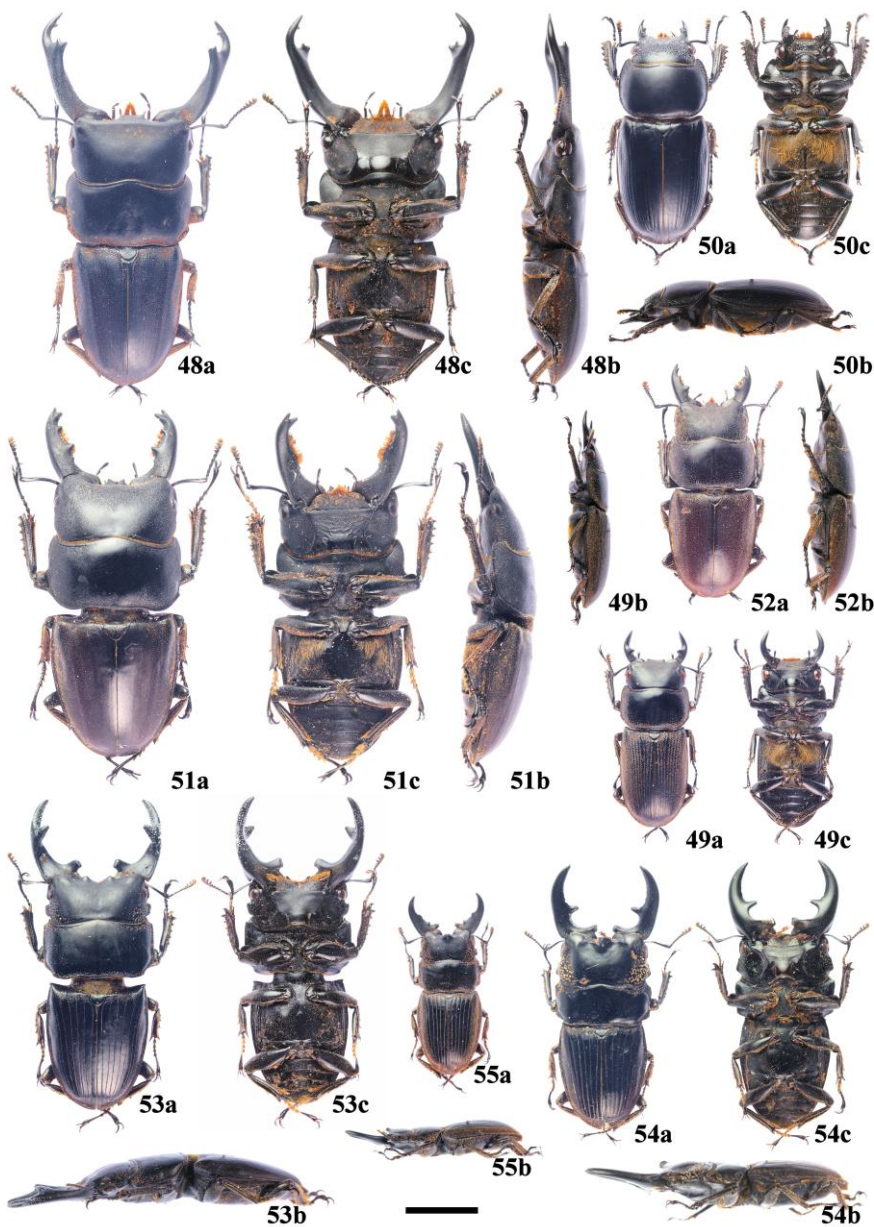
Fig. 54a, b, c)

♂ *acuminatus mandibularis* MOELLENKAMP, 1906 (*Aegus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Fig. 55a, b)

♂ *acuminatus mandibularis* MOELLENKAMP, 1906 (*Aegus*)



COLOR PLATE XI

undetermined specimens

Fig. 56a, b, c)

species14

Remarks: The same species-nos. were used in the contribution to knowledge the Lucanidae of Aceh by:

U. Paukstadt & L. H. Paukstadt (2011): Die Lucaniden (Hirschkäfer) der Nanggroe Aceh Darussalam Provinz, Sumatra, Indonesien – Teil I (Coleoptera: Lucanidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 9 (8): pp. 335-376, 2 tables, 4 col.-pls. (24 figs.), 24 maps, 57 diagrams.

Fig. 57a, b, c)

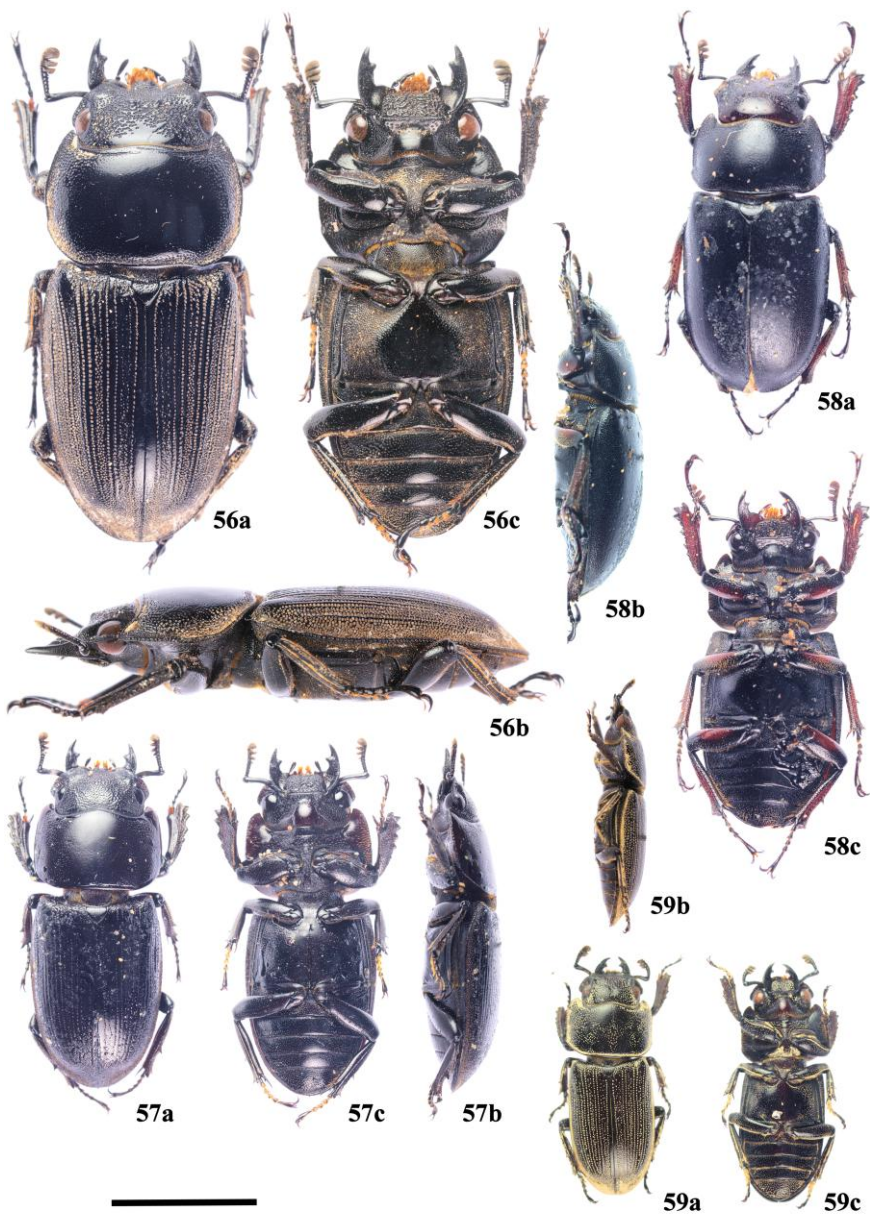
species15

Fig. 58a, b, c)

species16

Fig. 59a, b, c)

species9



COLOR PLATE XII

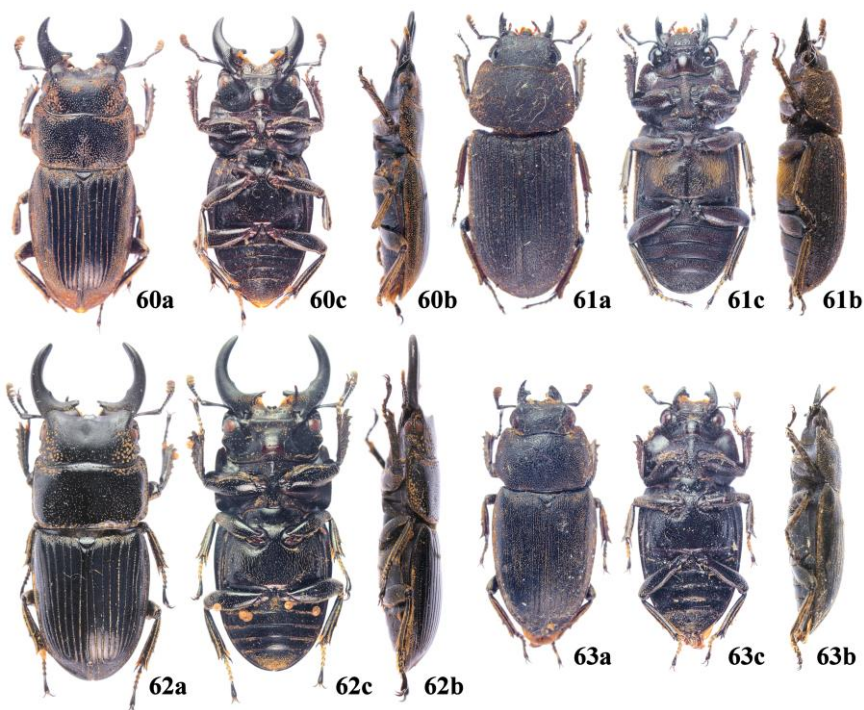
Aegini, *Aegus* (*Aegus*) W. S. MACLEAY, 1819

Fig. 60a, b, c)

♂ *bigibbosus bigibbosus* RITSEMA, 1897 (*Aegus*)

Remarks: First time recorded for the Nanggroe Aceh Darussalam Province.

Uncertain identity: The specimen can be very small *leeuweni* RITSEMA, 1882 (*Aegus*).



undetermined specimens

Fig. 61a, b, c)

species7

Fig. 62a, b, c)

species10

Fig. 63a, b, c)

species11

Schriften

- Paukstadt, U. (2007): Korrekturen und Nachträge (2) [**recte** (3)]. – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 5 (6): pp. 251-254.
- Paukstadt, U. (2008): Korrekturen und Nachträge (4). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 6 (4): pp. 242-244.
- Paukstadt, U. & Paukstadt, L. H. (2006a): Eine entomologische Expedition nach Nanggroe Aceh Darussalam, Insel Sumatra, Indonesien. – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 4 (6): pp. 259-295, 2 maps, 7 col.-pls (30 figs.), 1 col. text-fig.
- Paukstadt, U. & Paukstadt, L. H. (2006b): Vorläufige Erkenntnisse zu den Saturniiden von Nanggroe Aceh Darussalam, Sumatra, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 4 (6): pp. 296-316, 3 col.-pls. (16 figs.), 3 table, 13 diagrams.
- Paukstadt, U. & Paukstadt, L. H. (2007a): Beobachtungen zu den Brahmiden von Nanggroe Aceh Darussalam, Sumatra, Indonesien (Lepidoptera: Brahmaeidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 5 (6): pp. 255-259.
- Paukstadt, U. & Paukstadt, L. H. (2007b): Zweite entomologische Expedition nach Nanggroe Aceh Darussalam, Insel Sumatra, Indonesien. – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 5 (6): pp. 260-277; 3 col.-pls. (14 [+4] figs.), 1 [+1] col-text-figs., 1 map.
- Paukstadt, U. & Paukstadt, L. H. (2007c): Weitere Erkenntnisse zu den Saturniiden von Nanggroe Aceh Darussalam, Insel Sumatra, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 5 (6): pp. 278-300; 2 col.-pls. (11 figs.), 3 tables, 20 diagrams, 1 map.
- Paukstadt, U. & Paukstadt, L. H. (2008): Dritte entomologische Expedition nach Nanggroe Aceh Darussalam, Insel Sumatra, Indonesien . – Beiträge zur Kenntnis der wilden Seidenspinner, 6 (1): pp. 3-60; 8 col.-pls. (44 figs.), 7 text col.-figs., 3 maps, 3 tables, and 1 diagram.
- Paukstadt, U. & Paukstadt, L. H. (2009a): Vierte entomologische Expedition nach Nanggroe Aceh Darussalam, Insel Sumatra, Indonesien. – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 7 (1): pp. 3-44; 2 col.-pls. (12 figs.), 20 col-text-figs., 1 map, 4 tables, and 2 diagrams.
- Paukstadt, U. & Paukstadt, L. H. (2009b): Neue Erkenntnisse zu den Saturniiden des Barisan Gebirgszuges von Sumatra, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 7 (2): pp. 47-80, 1 col.-pl. (4 figs.), 48 [+1] diagrams, and 1 table.
- Paukstadt, U. & Paukstadt, L. H. (2009c): Beobachtungen zu den Brahmiden von Nanggroe Aceh Darussalam, Sumatra, Indonesien – Teil 2 (Lepidoptera: Brahmaeidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 7 (2): pp. 81-92, 2 col.-pls. (6 figs.), and 4 diagrams.

- Paukstadt, U. & Paukstadt, L. H. (2009d): Fünfte entomologische Expedition nach Nanggroe Aceh Darussalam, Insel Sumatra, Indonesien. – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 7 (3): pp. 95-148, 6 col.-pls. (35 figs.), 19 col. text-figs., 4 [+1] tables, 1 diagram, and 2 maps.
- Paukstadt, U. & Paukstadt, L. H. (2009e): Abschliessende Beobachtungen zu den Saturniiden von Nanggroe Aceh Darussalam, Sumatra, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 7 (7): pp. 311-364; 2 col.-pls. (10 figs.), 26 maps, and 74 diagrams.
- Paukstadt, U. & Paukstadt, L. H. (2009f): Abschliessende Beobachtungen zu den Brahmiden von Nanggroe Aceh Darussalam, Sumatra, Indonesien (Lepidoptera: Brahmaeidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 7 (8): pp. 367-379; 1 table, 1 map, and 10 diagrams.
- Paukstadt, U. & Paukstadt, L. H. (2011): Die Lucaniden (Hirschkäfer) der Nanggroe Aceh Darussalam Provinz, Sumatra, Indonesien – Teil I (Coleoptera: Lucanidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 9 (8): pp. 335-376, 2 tables, 4 col.-pls. (24 figs.), 24 maps, 57 diagrams.
- Weinreich, E. (1971): Beitrag zur Kenntnis der Lucanidae (Ins., Col.) von Nord-Sumatra I. – Entomologische Zeitschrift (Stuttgart), 81 (20): pp. 217-232; 81 (21): pp. 233-243, 10 b/w-pls. with 22 figs. (78 line-drawings).
- Weinreich, E. (1972): Beitrag zur Kenntnis der Lucanidae (Ins., Col.) von Nord-Sumatra II. – Entomologische Zeitschrift (Stuttgart), 82 (15): pp. 161-168, 3 pls. phot. h.-t. (with 29 figs.), 1 text-fig. (2 line-drawings).
- Weinreich, E. (1971): Beitrag zur Kenntnis der Lucanidae (Ins., Col.) von Nord-Sumatra I. – Entomologische Zeitschrift (Stuttgart), 81 (20): pp. 217-232; 81 (21): pp. 233-243, 10 b/w-pls. with 22 figs. (78 line-drawings).
- Weinreich, E. (1972): Beitrag zur Kenntnis der Lucanidae (Ins., Col.) von Nord-Sumatra II. – Entomologische Zeitschrift (Stuttgart), 82 (15): pp. 161-168, 3 pls. phot. h.-t. (with 29 figs.), 1 text-fig. (2 line-drawings).
- Whitten, T., Damanik, S. J., Anwar, J. & Hisyam, N. (2000): The Ecology of Sumatra. – Periplus Editions (Hk) Ltd.; xxxiii + 478 pp.

Verfasser:

Ulrich PAUKSTADT & Laela Hayati PAUKSTADT

Knud-Rasmussen-Strasse 5, 26389 Wilhelmshaven, Germany

e-mail: ulrich.paukstadt@t-online.de <http://www.wildsilkmoth-indonesia.com>

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Beiträge zur Kenntnis der wilden Seidenspinner](#)

Jahr/Year: 2011

Band/Volume: [9](#)

Autor(en)/Author(s): Paukstadt Ulrich, Paukstadt Laela Hayati

Artikel/Article: [Die Lucaniden \(Hirschkäfer\) der Nanggroe Aceh Darussalam Provinz, Sumatra, Indonesien – Teil II \(Coleoptera: Lucanidae\). The stagbeetles of the Nanggroe Aceh Darussalam Province, Sumatra, Indonesia – Part II \(Coleoptera: Lucanidae\) 379-424](#)