

Otto Merkl, Hungarian Natural History Museum.

Enquiry provided on 17th February, 2004

(1) Country: **HUNGARY**

(2) How many Lucanidae species are present in the country? List them and provide a reference if available: **Here is a checklist of the six Hungarian Lucanidae (with Hungarian names). Note that in the literature *Ceruchus chrysomelinus* is sometimes mentioned to occur in Hungary, but this is untrue. The localities (sometimes with Hungarian locality names), where it was collected, do not belong to Hungary any more.**

Lucanidae Latreille, 1804 – Stag beetles – Szarvasbogárfélék (6 species)

Lucaninae Latreille, 1804

Lucanus Scopoli, 1763

Lucanus cervus (Linnaeus, 1758) – nagy szarvasbogár

Dorcus MacLeay, 1819

Dorcus parallelipedus (Linnaeus, 1758) – kis szarvasbogár

Platycerus Geoffroy, 1785

= *Systemocerus* Weise, 1883

Platycerus caprea (De Geer, 1774) – nagy fémesszarvasbogár = *caraboides* auct., not (Linnaeus, 1758)

Platycerus caraboides (Linnaeus, 1758) – kis fémesszarvasbogár = *cribratus* Mulsant et Rey, 1863

Sinodendron Schneider, 1791

Sinodendron cylindricum (Linnaeus, 1758) – tülkös szarvasbogár

Aesalinae MacLeay, 1819

Aesalus Fabricius, 1801

Aesalus scarabaeoides (Panzer, 1794) – szorös szarvasbogár

Reference:

Endrodi, S. (1956). Lemezescsapú bogarak - Lamellicornia - In: *Magyarország Állatvilága (Fauna Hungariae), IX/A, 4. Akadémiai Kiadó, Budapest, 188 pp.*

(3) Which is the threat status of those species; are they redlisted in your country? Provide a reference (red data book or similar) if available: ***Lucanus cervus* and *Dorcus parallelipedus* (!) are protected in Hungary. The last "law" in which they are stated as protected (with "theoretical value" = 2000 Ft = cca 8 EUR): 13/2001. (V. 9.) KöM.**

***Lucanus cervus* is redlisted in Hungary, as "aktuálisan veszélyeztetett" (meaning "vulnerable"):**

Kaszab, Z. (1990). Bogarak (Coleoptera) rendje. Pp. 245-258.– In: Rakonczay, Z. (ed.): *Vörös Könyv. A Magyarországon kipusztult és veszélyeztetett növény- és állatfajok. 2. kiadás. [Red Data Book. The plant and animal species extinct or endangered in Hungary. Second edition.]* Akadémiai Kiadó, Budapest, 360 pp.

The following questions refer to *Lucanus cervus*. Feel free to provide answers also for any other Lucanidae species in your country.

(4) Species: ***Lucanus cervus***

(5) Can you send us a distribution map (provide a reference if available)?: **No distribution map is available. However, Hungarian locality data (with UTM codes) are found in the following non-published source:**

Kadas, G.: Distribution of stag beetle *Lucanus cervus*. Course unit, BL3030, School of Biological Sciences, Royal Holloway University of London, Egham, Surrey TW20 OEX, United Kingdom. g.kadas@virginnet.co.uk

(6) Abundance (indicate numbers, population density or rank in a common-rare continuum, whatever that is known) or distribution (indicate number of 10 x 10 km squares occupied, number of known localities or other estimates): **Frequent (locally common) in the hilly-mountainous oak woods, rare in the plains (because these are deforested), except lowland riverine forests where it is also frequent.**

(7) Is this species protected in your country? (provide a reference if available -red data book, law, other reports-): **It is redlisted and protected, see (3). However I think this is a result of its spectacular appearance, not of the rarity or threatened status.**

(8) Threat category (IUCN category if available, otherwise explain the meaning of the category): **Vulnerable.**

(9) Is any population trend available? (provide a reference if available): **No.**

(10) Which are the known or supposed sources of threat? (make it clear whether sources of threat are known or supposed): **I think this beetle is not threatened in Hungary.**

(11) Representation in natural preserves (number of reserves, % of population in reserves): **No official estimation, but all national parks of the hills (and the lowland Körös-Maros National Park with riverine forests) and a number of nature reserves have thriving populations.**

(12) Current or planned projects for recovery of the species: **No.**