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Notes on distribution of *Cheirotonus jansoni* and *Cheirotonus parryi* (Coleoptera: Euchiridae) in Vietnam

Poznámky k rozšíření *Cheirotonus jansoni* a *Cheirotonus parryi* (Coleoptera: Euchiridae) ve Vietnamu

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Abstract. The discovery of *Cheirotonus jansoni* (Jordan, 1898) from the Tam Dao Mts. in northern Vietnam is the southernmost record of the species. *C. parryi* Gray, 1848 is newly recorded from Vietnam and it is associated with the lowland rain forest. Both species are extremely endangered by destruction of tropical forests.

Three species of the genus *Cheirotonus* Hope, 1841 from Vietnam were recorded until now: *C. jansoni*, *C. battareli* Pouillaude, 1913 and *C. gestroi* Pouillaude, 1913. *C. jansoni* is a very rare species known from Burma (Myanmar), southern China and northern Vietnam (Cha Pa, Dong Van) (Young 1989). In Vietnam we collected two species: *C. jansoni* and *C. parryi*. Very few habitat data are known, not only from Vietnam (Medvedev 1960, Young 1989, Marquet 1992).

Cheirotonus jansoni (Jordan, 1898)
Material examined. Northern Vietnam, Tam Dao Mts. (21°30'N, 105°40'E), August 1993, 1♂, by light trapping, K. Spitzer leg.
Distribution and habitat. This record is southernmost occurrence of the species known to date. The species is probably strictly associated with the montane cloud rain forest. The most suitable host trees seem to be oaks of the genus *Pasania* (formerly *Quercus* s. lat.). The habitat of the Tam Dao rain forest is unique with biogeographical affinities to submontane cloud forests of the eastern Himalayas (Spitzer et al. 1993).

Cheirotonus parryi Gray, 1848
Material examined. Southern Vietnam, Dong Nai Province, Nam Cat Tien National Park (11°25'N, 107°20'E), June 1995, by ligth trapping, J. Jaroš & K. Spitzer leg. It includes 2♂♂ and 6♀♀, but not all discovered specimens were collected and we observed and registered about twenty specimens.
Distribution and habitat. *C. parryi* is new for Vietnam and its known distribution covers Burma, northeastern India, Laos and Thailand (Young 1989). The habitat is the lowland seasonal evergreen rain forest with dominant *Lagerstroemia* spp. trees (Spitzer et al. 1991).

CONCLUDING REMARKS

Both species - *C. jansoni* and *C. parryi* - are good bioindicators of virgin tropical rain forest in Indochina. *C. jansoni* is a characteristic species of montane cloud rain forests of northern Indochina (cf. Young 1989) with high degree of endemicity (for butterflies see eg. Spitzer et al. 1993). *C. parryi* seems to be very characteristic for the lowland seasonal forests which are in Vietnam now preserved in few reserves only - e. g. Nam Cat Tien National Park. All tropical species of the family Euchiridae are associated with old trees in virgin rain forest and highly endangered by destruction of tropical rain forests (logging and conversion). Large scale commercial collecting of *Cheirotonus* spp. seems to be an important impact as well. The only possible conservation is the habitat conservation of the forest ecosystem.

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SOUHRN

Nález druhu *Cheirotonus jansoni* v severním Vietnamu v biotopech tropického mlžného horského lesa (Tam Dao) představuje nejjižnější dosud známou lokalitu výskytu. *C. parryi* je vázán na nížinný typ tropického lesa (Nam Cat Tien) a je uveden jako nový pro faunu Vietnamu. Oba druhy jsou kriticky ohrožené především ničením tropických deštných lesů.