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Karyological notes on six beetle species from Armenia (Coleoptera: Tenebrionidae, Cerambycidae, Curculionidae).

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Abstract: Karyotypic details were studied in males of six beetle species from three families, viz.

Tenebrionidae:

Dailognatha pumila Bdy. ($2n=20$, $n = 9+Xyp$),

Pachyscelis musiva Ménétr. ($2n=18$, $n = 8+Xyp$),

Pimelia capito Kryn. ($2n = 18$, $n = 8+Xyp$);

Cerambycidae:

Agapanthia walteri Reitt. ($2n=20$, $n = 9+Xyp$),

Agapanthia korostelevi Danilevsky ($2n=20$, $n = 9 + Xyp$);

Curculionidae:

Phyllobius caucasicus Stierl. ($2n = 22$, $n =10+Xyp$).

The chromosome number and sex determining system of all beetle species are described for the first time. Evolutionary trends in karyotypes of the studied beetle groups are briefly discussed.

Key words: Coleoptera, Tenebrionidae, Cerambycidae, Curculionidae, chromosome number, sex determining system, Armenia.

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