horizons mentioned by Dr. Barskov and Dr. Alekseev. I therefore asked Dr. W.H.C. Ramsbottom (*Institute of Geological Sciences, Leeds, U.K.*) to prepare such a statement in his capacity as Chairman of the Subcommittee on Carboniferous Stratigraphy of the International Union of Geological Sciences. He kindly provided the accompanying tables. These will allow members of the Commission to consult geological colleagues on the extent of the stratigraphical interval between the two interpretations of the genus; it is indeed a very considerable one.

formations

Kinderhookian	Burlington
	Fern Glen
	Chouteau
	Hannibal
	Glen Park

Inset 1. Formations of the Kinderhookian

horizons

Kasimovian	Yauzsky
	Dorogomilovsky
	Khamovnichesky
	Krevyakinsky

2. 'Horizons' (i.e. formations) of the Kasimovian

COMMENT ON PROPOSED CONSERVATION OF *CHRYSOLINA*
MOTSCHULSKY, 1860 (INSECTA, COLEOPTERA). Z.N.(S.)2291
(see vol. 37, pp. 57-61)

By J.R. Vockeroth & L. LeSage (*Biosystematics Research Institute, Agriculture Canada, Ottawa K1A 0C6*)

Dr. H. Silfverberg has applied for the conservation of the generic name *Chrysolina* Motschulsky, 1860, and has requested that it be given nomenclatural precedence over *Atechna* Chevrolat, 1837. We do not object to such a ruling should it be necessary as a result of present taxonomic placement of the type species of these two genera. We wish, however, to draw attention to two designations of type species which predate those cited by Silfverberg in his application.

Silfverberg wrote: '*Atechna* was used again a few years later by Duponchel & Chevrolat (in d'Orbigny, 1842, p. 282). As far as I know, no type species has been designated'. However, Chevrolat, 1843, p. 656, wrote '*Atechna* Ch. (élytres semi-globuleuses à épipleures tronqués obliquement); type, *Chry. 14-guttata* Fab., cap de Bonne-Espérance'. We accept this as a valid designation of *Chrysomela quatuordecimguttata* Fabricius, 1798, as type species of *Atechna*. Two subsequent designations of type species of *Atechna* are therefore invalid. They are:

- (1) *Chrysomela striata* Fabricius, 1781, by Monrós & Bechyné, 1956, p. 1131;
- (2) *Chrysomela vulpina* Fabricius, 1781, by Silfverberg, 1980, p. 59.

Chevrolat, 1843, p. 656, wrote: '*Oreina* Ch. (*Chrysochloa* Hope); type *Chry. speciosa* Fab., Alpes françaises'. We accept this as a valid designation of *Chrysomela speciosa* Linnaeus, 1767, *Syst. Nat.* ed. 12, vol. 1, p. 588, as type species of *Oreina* Chevrolat, 1837, in Dejean, *Catal. Coleopt.*, ed. 2, p. 402. Therefore the designation of *Chrysomela tristis* Fabricius, 1792, as type species of *Oreina* by Motschulsky, 1860, p. 202 (accepted by Silfverberg, 1980, p. 58) is invalid.

We are not sufficiently familiar with the taxonomy of the type species of the several nominal genera mentioned in Silfverberg's application to be able to determine whether *Atechna* should be considered a senior synonym of *Chrysolina* or whether the application should be modified or withdrawn. This can probably only be determined by someone familiar with the Palaearctic and Afrotropical species of these genera.

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[In reply to this comment, Dr. Silfverberg observed that he accepted its correctness but that it does not make any essential difference to his application. He notes that *Chrysomela quatuordecimguttata* Fabricius is listed as a synonym of *Chrysomela duodecimguttata* Thunberg, 1787, *Mus. Nat. Acad. Upsaliensis*, part 4, p. 44. It is therefore the latter name that should be placed on the Official List as the valid name of the type species of *Atechna*.]

Vockeroth, J. R. and Lesage, L. 1982. "Comment On Proposed Conservation Of Chrysolina Motschulsky, 1860." *The Bulletin of zoological nomenclature* 39, 13-14. <https://doi.org/10.5962/bhl.part.23523>.

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