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Substitute Names for the Extinct Insecta Families
Narkemocacurgidae Pinto & Ornellas, 1978 and Cacurgonarkemidae
Pinto, 1990

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The combine characters of the families Narkemidae and Cacurgidae induce the authors to overlook the nomenclatural rule for family designation. Kindly advised by Doctor Carsten Brauckmann the names are here substituted.

Narkeminidae nomen novum for Narkemocacurgidae Pinto & Ornellas, 1978 p. 310. Type species *Narkemina angustata* Martinov, 1931. The Family is registered for the Upper Carboniferous of USSR, Kuznetsk Basin, Martinov, 1931, Sharov, 1961, Rasnitsyn, 1980; Brazil, Parana Basin, Pinto & Ornellas, 1978; Argentina Paganzo Basin, Pinto & Ornellas, 1970; USA, Missouri, Lewis, 1979; Britain, Walley, 1979.

Carpenteropteridae nomen novum for Cacurgonarkemidae Pinto, 1990, p. 7. Type species *Carpenteroptera onzii* Pinto, 1990. The family is known from Upper Carboniferous of Brazil, Pinto, 1990.

- Martinov, A.B. 1931. *Paleozoic Insects from the Kuznetsk Basin*. Inst. Geol. Karmy, Sec. Siberia Ocid. p. 73-100, 10 text-fig. (In russian, english summary, 95-100).
- Pinto, I.D. 1990. A new Upper Carboniferous Paraplectopteran Insect from South Brazil. *Pesquisas*, **17**(1-2):7-10.
- _____ & Ornellas, L.P. 1978. Carboniferous Insect (Protorthoptera and Paraplectoptera) from the Gondwana (South America, Africa, Asia). *Pesquisas*, **11**:305-21.
- _____ & _____ 1980. Upper Carboniferous Insect from Argentina - II Familia Narkemocacurgidae (Paraplectoptera). *Boletín de la Academia Nacional de Ciencias de Córdoba*, **53** (3-4):287-91.
- Rasnitsyn, A.P. 1980. The historical development of the insect order Grilloblattidae. *Trudy Paleontologicheskogo Instituta* **175**:150-4.
- Sharov, A.G. 1961. Ordo Paraplectoptera: 164-224, text-fig. 93-165. Tab. X-XVIII. In: Rodendorf, B.B.; Becker-Migdisova, E.E.; Martinova, O.M. & Sharov, A.G. Paleozoic Basin. *Trudy Paleontologicheskogo Instituta Akademii Nauk*, **85**:1-705, 501 text-fig. Tab. I-XI.
- Walley, P.E.S. 1979. New species of Protorthoptera and Protodonata (Insect) from the Upper Carboniferous of Britain with a comment on the origin of wings. *Bulletin British Museum of National History (Geology)*, **32**(1):85-90.

REFERENCES

- Lewis, P.A. 1979. A new species of insect (Protorthoptera, Narkemidae) from the Verdigris Formation (Pennsylvanian) of west central Missouri. *Journal of Paleontology* **53**(3):754-6.