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**Review of the Sogdini of North and Central America  
(Coleoptera: Leiodidae: Leiodinae) with descriptions of  
fourteen new species and three new genera**

STEWART B. PECK & JOYCE COOK



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## Review of the Sogdini of North and Central America (Coleoptera: Leiodidae: Leiodinae) with descriptions of fourteen new species and three new genera

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### Table of contents

Abstract .....	4
Introduction .....	5
Materials .....	5
Methods .....	6
Bionomics .....	6
Phylogeny and zoogeography .....	7
Systematics.....	7
Tribe Sogdini Lopatin, 1961 (=Hydnobiini, Triarthrini).....	7
Key to North American genera of <i>Sogdini</i> .....	7
Genus <i>Triarthron</i> Märkel, 1840 .....	8
<i>Triarthron lecontei</i> Horn, 1868 .....	8
Genus <i>Hydnobius</i> Schmidt, 1841 .....	11
Key to North American species of <i>Hydnobius</i> (males) .....	12
<i>Hydnobius substriatus</i> LeConte, 1863 .....	13
<i>Hydnobius pumilus</i> LeConte, 1879 .....	14
<i>Hydnobius longidens</i> LeConte, 1879, resurrected status .....	17
<i>Hydnobius laticeps</i> Notman, 1920 .....	19
<i>Hydnobius kiseri</i> Hatch, 1936, resurrected status .....	20
<i>Hydnobius acarinus</i> Peck & Cook, new species .....	22
<i>Hydnobius autumnalis</i> Peck & Cook, new species .....	24
Genus <i>Stereus</i> Wollaston, 1857 .....	25
<i>Stereus arenarius</i> Peck & Cook, new species .....	26
Genus <i>Sogda</i> Lopatin, 1961 .....	27
Key to North American species of <i>Sogda</i> .....	28
<i>Sogda obtusa</i> (LeConte, 1879), new combination.....	28
<i>Sogda enigma</i> Peck & Cook, new species .....	30
Genus <i>Kalohydnobius</i> Peck & Cook, new genus.....	31
Key to Species of <i>Kalohydnobius</i> .....	31
<i>Kalohydnobius strigilatus</i> (Horn, 1880), new combination.....	32
<i>Kalohydnobius californicus</i> Peck & Cook, new species .....	33
<i>Kalohydnobius dentatus</i> Peck & Cook, new species .....	35
Genus <i>Macrohydnobius</i> Peck & Cook, new genus .....	37
Key to Species of <i>Macrohydnobius</i> .....	37
<i>Macrohydnobius matthewsii</i> (Crotch, 1874), new combination .....	38
<i>Macrohydnobius simulator</i> (Brown, 1932), new combination .....	40
<i>Macrohydnobius crestonensis</i> (Hatch, 1957), new combination .....	41
<i>Macrohydnobius contortus</i> (Hatch, 1957), new combination .....	44

<i>Macrohyd nobius montanus</i> Peck & Cook, new species .....	47
<i>Macrohyd nobius tibiocalcaris</i> Peck & Cook, new species .....	50
Genus <i>Platyhyd nobius</i> Peck & Cook, new genus .....	51
Key to Species of <i>Platyhyd nobius</i> .....	51
<i>Platyhyd nobius arizonensis</i> (Horn, 1885), new combination .....	52
<i>Platyhyd nobius validus</i> (Brown, 1932b), new combination .....	54
<i>Platyhyd nobius andersoni</i> Peck & Cook, new species .....	55
<i>Platyhyd nobius bicolor</i> Peck & Cook, new species .....	56
<i>Platyhyd nobius calvario</i> Peck & Cook, new species .....	57
<i>Platyhyd nobius howdenorum</i> Peck & Cook, new species .....	58
<i>Platyhyd nobius latigra</i> Peck & Cook, new species .....	59
<i>Platyhyd nobius newtonorum</i> Peck & Cook, new species .....	60
Acknowledgments .....	61
References .....	61
Appendix. Additional specimens examined.....	63

## Abstract

This paper is a review and revision of the tribe Sogdini (Coleoptera: Leiodidae: Leiodinae) of North and Central America. It covers the following genera: *Triarthron* Märkel, 1840, with one species; *Hydnobius* Schmidt, 1841, with seven species; *Stereus* Wollaston, 1857, new for North America, with one species; *Sogda* Lopatin, 1961, new for North America, with two species; *Kalohyd nobius* new genus, with three species; *Macrohyd nobius* new genus, with six species; and *Platyhyd nobius* new genus, with eight species. The species are inhabitants of northern and mountain forests or sandy habitats. Larvae and adults probably feed on subterranean fungi. The following new synonyms are recognized: *Triarthron pennsylvanicum* Horn, 1883 = *T. lecontei* Horn, 1868; *Hydnobius luggeri* Hatch, 1927 = *H. substriatus* LeConte, 1863; *Hydnobius lobatus* Hatch, 1936 = *H. longidens* LeConte, 1879; *Hydnobius longulus* LeConte, 1879 = *Sogda obtusa* (LeConte, 1879); *Hydnobius femoratus* Hatch, 1936 = *Kalohyd nobius strigilatus* (Horn, 1880); and *Hydnobius stacesmithi* Hatch, 1957 = *Macrohyd nobius matthewsii* (Crotch, 1874). *Hydnobius kiseri* Hatch, 1936 and *H. longidens* LeConte, 1879 are resurrected from synonymy to valid species status. The following new combinations are established: *Sogda obtusa* (LeConte, 1879), ex *Hydnobius*; *Kalohyd nobius strigilatus* (Horn, 1880), ex *Hydnobius*; *Macrohyd nobius contortus* (Hatch, 1957), ex *Hydnobius*; *M. crestonensis* (Hatch, 1957), ex *Hydnobius*; *M. matthewsii* (Crotch, 1874), ex *Hydnobius*; *M. simulator* (Brown, 1932), ex *Hydnobius*; *Platyhyd nobius arizonensis* (Horn, 1885), ex *Hydnobius*; and *P. validus* (Brown 1932), ex *Hydnobius*. Lectotypes are designated for *Hydnobius substriatus* LeConte, 1863; *H. pumilus* LeConte, 1879; *H. obtusus* LeConte, 1879; *H. longulus* LeConte, 1879; *H. strigilatus* Horn, 1880 and *H. matthewsii* Crotch, 1874. New species are *Hydnobius acarinus*, *H. autumnalis*, *Stereus arenarius*, *Sogda enigma*, *Kalohyd nobius californicus*, *K. dentatus*, *Macrohyd nobius montanus*, *M. tibiocalcaris*, *Platyhyd nobius andersoni*, *P. bicolor*, *P. calvario*, *P. howdenorum*, *P. latigra*, and *P. newtonorum*.

**Key words:** *Triarthron*, *Hydnobius*, *Stereus*, *Sogda*, *Kalohyd nobius*, *Macrohyd nobius*, *Platyhyd nobius*, taxonomy, new genus, new species