

## A revision of the genus *Agrilaxia* of the Central and North America (Coleoptera: Buprestidae: Anthaxiini)

Svatopluk Bílý

Czech University of Life Sciences, Faculty of Forestry and Wood Sciences  
Department of Game Management and Wildlife Biology  
Kamýcká 1176, 165 21 Praha 6 – Suchdol, Czech Republic  
e-mail: svatopluk\_bily@nm.cz

### Table of contents

Abstract .....	2
Key words .....	2
Introduction .....	2
Material and methods .....	3
Taxonomy .....	4
Morphology .....	5
Key to species and species-groups .....	6
Alphabetical survey of the species-groups and species .....	13
<i>Agrilaxia (Agrilaxia) bivittata</i> (Gory, 1841) species-group .....	12
<i>Agrilaxia (Agrilaxia) angustivertex</i> sp. nov. ....	13
<i>Agrilaxia (Agrilaxia) cordigera</i> <i>cordigera</i> Obenberger, 1924 .....	15
<i>Agrilaxia (Agrilaxia) cordigera septentrionalis</i> subsp. nov. ....	16
<i>Agrilaxia (Agrilaxia) costaricensis</i> Obenberger, 1922 .....	17
<i>Agrilaxia (Agrilaxia) dohrni</i> Obenberger, 1924 .....	18
<i>Agrilaxia (Agrilaxia) guatemalae</i> sp. nov. ....	19
<i>Agrilaxia (Agrilaxia) krombeini</i> (Cobos, 1972) .....	20
<i>Agrilaxia (Agrilaxia) manfredi</i> sp. nov. ....	21
<i>Agrilaxia (Agrilaxia) panamensis</i> (Cobos, 1972) .....	23
<i>Agrilaxia (Agrilaxia) perdomo</i> sp. nov. ....	23
<i>Agrilaxia (Agrilaxia) rolciki</i> sp. nov. ....	25
<i>Agrilaxia (Agrilaxia) semistriata</i> Théry, 1911 .....	27
<i>Agrilaxia (Agrilaxia) solarii</i> Théry, 1911 .....	28
<i>Agrilaxia (Agrilaxia) fasciata</i> (Waterhouse, 1889) species-group .....	29
<i>Agrilaxia (Agrilaxia) analis</i> (Bílý, 1985) .....	29
<i>Agrilaxia (Agrilaxia) fasciata</i> (Waterhouse, 1889) .....	30
<i>Agrilaxia (Agrilaxia) robusta</i> sp. nov. ....	32
<i>Agrilaxia (Agrilaxia) flavimana</i> (Gory, 1841) species-group .....	33
<i>Agrilaxia (Agrilaxia) arizonae</i> (Obenberger, 1922) stat. restit. ....	33
<i>Agrilaxia (Agrilaxia) botran</i> sp. nov. ....	36
<i>Agrilaxia (Agrilaxia) catenulata</i> sp. nov. ....	38
<i>Agrilaxia (Agrilaxia) chamela</i> sp. nov. ....	39
<i>Agrilaxia (Agrilaxia) cuprina</i> sp. nov. ....	41
<i>Agrilaxia (Agrilaxia) flavimana</i> (Gory, 1841) .....	43

---

<i>Agrilaxia (Agrilaxia) globulifrons</i> sp. nov.	45
<i>Agrilaxia (Agrilaxia) macraei</i> sp. nov.	47
<i>Agrilaxia (Agrilaxia) minima</i> sp. nov.	48
<i>Agrilaxia (Agrilaxia) nana</i> (Dugès, 1891)	50
<i>Agrilaxia (Agrilaxia) nigroflava</i> sp. nov.	52
<i>Agrilaxia (Agrilaxia) oaxacae</i> sp. nov.	53
<i>Agrilaxia (Agrilaxia) texana</i> sp. nov.	54
<i>Agrilaxia (Agrilaxia) westcotti</i> sp. nov.	57
<i>Agrilaxia (Agrilaxia) hespenheidei</i> (Bílý, 1984) species-group	58
<i>Agrilaxia (Agrilaxia) alticola</i> Bílý & Westcott, 2005	58
<i>Agrilaxia (Agrilaxia) bilyana</i> (Cobos, 1986)	59
<i>Agrilaxia (Agrilaxia) hespenheidei</i> (Bílý, 1984)	60
<i>Agrilaxia (Agrilaxia) humeralis</i> sp. nov.	60
<i>Agrilaxia (Agrilaxia) nelsoni</i> sp. nov.	62
Discussion	63
Acknowledgements	63
References	64