

**The genus *Raysymmela* Saylor, 1947 (Coleoptera,
Scarabaeidae, Melolonthinae, Sericini): taxonomy and
phylogenetic analysis**

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Supplementary material

Table S2. Morphological character matrix used for the cladistic analysis of the genus *Raysymmela*. (Polymorphic character states are shown by letter codes: a = (0&1); b = (0&2); c = (0&3); d = (1&2)).

	111111111122222222233333333344444444455555555566666666677777777788888888899999999900000000011111111122222222 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456
<i>Camenta innocua</i>	1111011023101000011102011231-00000001120022001200-101001-111010100011010000--02000020000011110101010002101000100?0003210----0
<i>Omaloplia ruricola</i>	2210101012101000011101100330300000002411120101200-1111120b00001000211111100--0000021001110011110010111220-0--0110010-4010----0
<i>Pleophylla navicularis</i>	121a100022101000011102011421-00010112111110111000-1101114d01021000211111000--0200000001110011100210101420-100011000004110----0
<i>Astaena sulcatipennis</i>	11110111211200011110010003302002000011200111110011101001-000021110221011210000202002001001100101100000000-11010000101000120000
<i>Astaena tridentata</i>	111000112301100001010100013020000000d100022001000-100001-20000111021101001000020000000100010101111010011110100000103100110000
<i>Miotemna singularis</i>	1111001101011000011100111221-00000001100010101100-120001-10100111021101101000020000200100011102111011101110--00100112000110100
<i>New genus sp. 1</i>	a10--31010110110101310000310111321001320020001200-200002-10000100100000221011010111310000001101100110010-0--00000102010100000
<i>New genus sp. 2</i>	a10--31010110110101310000310111321001320020001200-200002-10000100100000221011010111310000001101100110010-0--00000102010100000
<i>Sayloria abccora</i>	2110010020100002111100100000100100011410110101010-0000aad000000000200011110010200000002001101000101010000-01010000102210120100
<i>Sayloria bicoloripes</i>	2a11010023101000011101100100000100000210022101001-10101a3000000100200011210000000000101000101101100011100-11010000112000120100
<i>Symmela instabilis</i>	2a1100100011100011110010030010000010b4100301003011200000-20010100101100121101000210410000001101110010001100100000010200110100
<i>Symmela nitida</i>	2111000010111000001100100300100000001010010001000-2000103100001000011001201--000210210000000010111011000110--00000002000100000
<i>Raysymmela bruchi</i>	2111011020111000111100100330200000001400010101000-1000113100101001011110210001100003112000011101110010001010000011103200101211
<i>Raysymmela costaricensis</i>	2211001000111000010000100010100000002410020101000-100000-200101001011111210000010003112000011101210010000010000010003300100201
<i>Raysymmela curtula</i>	2111011003001000101100000120100000001400020000000-100012011010101001101121000000000010000001110111001000100--0000000000111100
<i>Raysymmela equatorialis</i> sp. n.	2111001000110001021101100330000000001100002000100101000120110121001111010210010110113112000011101010010001010000010000400100210
<i>Raysymmela erwini</i> sp. n.	2b11001000110000021000100100200000002411030101200-0000103200101001011011210000110000112000011101210110301010100010000300100211
<i>Raysymmela huanuca</i>	221100001011100002110010011010000000201001000101100000120110101001011011d10000010000112000011101210010301010100010000300100211
<i>Raysymmela pallipes</i>	221100001011000001110010033020000001241102000100110000120200101001011010210001010000112000011101210010001010100010000300100211
<i>Raysymmela seticollis</i>	221100102011100001120000012010001000b400010001000-110110c10000101001101111001000000010000001110111001000110--00000102200100000
<i>Raysymmela varians</i>	221102102011100011110010030010000000b4000210010011200000-000101001011110210000110003111000011101210110100010100011003200100210