

Material suplementario

Matriz de caracteres morfológicos utilizada en el análisis filogenético.

	10	20	30	40	50
<i>Cyclocephala lunulata</i>	0 0 0 0 1 1 1 1 0 0 0 0 0 1 0 0 1 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 0 1 1 1 1 1 1 1 0 1 3 0 1 2 2 0 0 0 0 0 0				
<i>Chlaenobia ciliatipes</i>	0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia vexata</i>	0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia latipes</i>	0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia peccata</i>	0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia scabripygæ</i>	0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia æquata</i>	0 0 0 ? 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia chiapensis</i>	0 0 0 ? 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia halffteriana</i>	0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia instabilis</i>	0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chlaenobia sp. nov.</i>	0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chirodines zunilensis</i>	0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>Chirodines nahui</i>	0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
<i>P. Phytalus puberea</i>	0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0				
<i>P. Phytalus pruinosa</i>	0 0 0 0 0 0 0 0 1 0				
<i>P. Phytalus trichodes</i>	0 0 0 0 1 0 0 0 1 0				
<i>P. Phytalus senicula</i>	0 0 0 0 0 0 0 0 1 0				
<i>P. Phytalus balli</i>	0 0 0 0 1 0 0 0 1 0				
<i>P. Phytalus obsoleta</i>	0 0 0 0 1 0 0 0 1 0				
<i>P. Phytalus cometes</i>	0 0 0 0 0 0 0 0 1 0				
<i>P. Phytalus coahuayana</i>	0 0 0 0 1 0 0 0 1 0				
<i>P. Phytalus sonora</i>	0 0 0 0 1 0 1 0 1 0				
<i>P. Phytalus pentaphylla</i>	0 0 0 0 0 0 0 0 2 0				
<i>P. Phytalus bilobata</i>	0 0 0 0 0 0 0 0 2 0				
<i>P. Phytalus macrocera</i>	0 0 0 0 0 0 1 0 1 0				
<i>P. Phytalus oaxaca</i>	1 0 0 0 0 0 0 0 1 0				
<i>P. Phytalus fissilabris</i>	0 0 0 0 1 0 0 0 1 0				
<i>P. Phytalus lulaana</i>	0 0 0 0 1 0 0 0 1 0				
<i>P. Phytalus lineata</i>	0 0 0 0 1 0 1 0 1 0				
<i>P. Phytalus hirtifrons</i>	0 0 0 0 1 0 0 0 ?				
<i>P. Phytalus heteroclita</i>	0 0 0 0 1 0 0 0 1 0				
<i>P. Phytalus luridipennis</i>	0 0 0 0 0 0 0 0 1 0				
<i>P. Phytalus nitidioris</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga hirticula</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga profunda</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga fraterna</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga crassissima</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga ravidæ</i>	0 0 0 0 0 0 1 0 ?				
<i>Phyllophaga dentex</i>	0 0 0 0 0 0 1 0 1 0				
<i>Phyllophaga dasypoda</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga fulviventris</i>	0 0 0 0 0 0 1 0 ?				
<i>Phyllophaga pastasana</i>	0 0 0 0 0 0 1 0 ?				
<i>Phyllophaga nuda</i>	0 0 0 0 1 0 0 0 ?				
<i>Phyllophaga heteronycha</i>	0 0 0 0 0 0 1 0 1 0				
<i>Phyllophaga hoegella</i>	1 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga xanthe</i>	0 0 0 0 0 0 1 0 1 0				
<i>Phyllophaga aff. xanthe</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga collaris</i>	0 0 0 0 1 0 0 0 1 0				
<i>Phyllophaga pubicauda</i>	0 0 0 0 1 0 0 0 1 0				
<i>Phyllophaga isabellæ</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga blanchardi</i>	0 0 0 0 1 0 0 0 1 0				
<i>Phyllophaga leonina</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga beckeri</i>	0 0 0 0 1 0 0 0 ?				
<i>Phyllophaga testaceipennis</i>	0 0 0 0 0 0 1 0 1 0				
<i>Phyllophaga elenans</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga parvisetis</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga temora</i>	0 0 0 0 0 0 0 0 1 0				
<i>P. martinezpalaciosi</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga setifera</i>	0 0 0 0 0 0 1 0 1 0				
<i>Phyllophaga gigantea</i>	0 0 0 0 0 0 1 0 1 0				
<i>Phyllophaga maculicollis</i>	0 0 0 0 1 0 1 0 2 0				
<i>Phyllophaga schizorhina</i>	0 0 0 0 1 0 0 0 1 0				
<i>Phyllophaga rolbakeri</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga submucida</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga torta</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga rugipennis</i>	0 0 0 0 1 0 1 0 1 0				
<i>Phyllophaga tenuipilis</i>	0 0 0 0 1 0 1 0 ?				
<i>Phyllophaga ephelida</i>	0 0 0 0 1 0 0 0 1 0				
<i>Phyllophaga glaberrima</i>	0 0 0 0 1 0 0 0 ?				
<i>Phyllophaga molopia</i>	0 0 0 0 0 0 0 0 3 0				
<i>Phyllophaga segregans</i>	0 0 0 0 0 0 0 0 3 0				
<i>Phyllophaga porodera</i>	0 0 0 0 1 0 0 0 1 0				
<i>Phyllophaga eniba</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga fucata</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga opaca</i>	0 0 0 0 0 0 0 0 1 0				
<i>Phyllophaga ignava</i>	0 0 0 0 0 0 0 0 2 0				
<i>Phyllophaga scabrifrons</i>	0 0 0 0 1 0 0 0 1 0				
<i>Phyllophaga serratipes</i>	0 0 0 0 0 0 0 0 1 0				
<i>P. incertae sedis crenonycha</i>	0 0 0 0 0 0 1 0 1 0				
<i>P. incertae sedis integriceps</i>	0 0 0 0 0 1 0 1 0				
<i>P. incertae sedis ilhuicaminai</i>	0 0 0 0 0 1 0 1 0				
<i>P. incertae sedis pubicollis</i>	0 0 0 0 1 0 1 0 2 0				

	160	170	180	190	200
<i>P. incertae sedis sturmi</i>	1	0	0	0	0
<i>P. incertae sedis stipitalis</i>	1	0	0	1	0
<i>P. incertae sedis aff. mexicana</i>	1	0	0	1	0
<i>P. incertae sedis brevipilosa</i>	1	0	?	?	?
<i>P. incertae sedis caanchaki</i>	1	0	?	?	?
<i>P. incertae sedis densepunctata</i>	1	0	?	?	?
<i>P. incertae sedis aff. marilucasana</i>	1	0	0	0	0
<i>P. incertae sedis chamula</i>	1	0	0	0	0
<i>P. Tostegoptera lanceolata</i>	1	0	0	0	0
<i>P. Eugastra cribrosa</i>	-	1	1	-	-
<i>P. Eugastra epigaea</i>	-	1	1	-	-
<i>P. Cnemarachis plaei</i>	1	0	0	0	0
<i>P. Cnemarachis kenscoffi</i>	1	0	0	0	0
<i>P. Cnemarachis mali</i>	1	0	0	0	0
<i>P. Cnemarachis dissimilis</i>	1	0	0	0	0
<i>P. Cnemarachis analis</i>	1	0	0	0	0
<i>P. Cnemarachis dubitata</i>	1	0	0	0	0
<i>P. Clemora smithi</i>	1	0	?	?	?
<i>P. Clemora apicalis</i>	1	0	?	?	?
<i>Catrachia soctona</i>	1	0	0	0	0
<i>Catrachia sp.</i>	1	0	0	0	0
<i>Trichesthes tristis</i>	1	0	0	0	0
<i>Trichesthes lenis</i>	1	0	0	0	0
<i>Trichesthes maximus</i>	1	0	0	0	0
<i>Listrochelus laportaei</i>	1	0	0	0	0
<i>Listrochelus huachuca</i>	1	0	0	0	0
<i>Listrochelus praesidii</i>	1	0	0	0	0
<i>Listrochelus timidus</i>	1	0	0	0	0
<i>Listrochelus nogueiranus</i>	1	0	0	0	0
<i>Listrochelus scoparius</i>	1	0	0	0	0
<i>Listrochelus cristagalli</i>	1	0	0	0	0
<i>Listrochelus mucoreus</i>	1	0	0	0	0
<i>Listrochelus arenicolus</i>	1	0	0	0	0
<i>Listrochelus granti</i>	1	0	0	0	0
<i>Listrochelus cavatus</i>	1	0	0	0	0
<i>Listrochelus cochisa</i>	1	0	0	0	0
<i>Listrochelus densicollis</i>	1	0	0	0	0
<i>Listrochelus miraflores</i>	1	0	0	0	0
<i>Holotrichia serrata</i>	1	0	0	0	0
<i>Holotrichia rufoflava</i>	1	0	0	0	0
<i>Holotrichia nigra</i>	1	0	0	0	0
<i>Holotrichia lata</i>	1	0	0	0	0
<i>Holotrichia angolensis</i>	1	0	?	?	?
<i>Sebakwe coriacea</i>	?	?	?	?	?
<i>Octoplasia basilanensis</i>	0	?	?	?	?
<i>Octoplasia pseudo-gigantea</i>	0	?	?	?	?
<i>Microtrichia kawadai</i>	1	0	0	0	0
<i>Microtrichia densicollis</i>	1	0	?	?	?
<i>Rhizotrogus aestivus</i>	1	0	0	0	0
<i>Amphimallon solstitialis</i>	1	2	0	0	0
<i>Miltotrogus vernus</i>	1	2	0	0	0
<i>Haplidia transversa</i>	1	0	0	0	0
<i>Trio do nyx gigantissima</i>	1	0	0	0	?
<i>Trio do nyx woodruffi</i>	1	0	0	0	?
<i>Trio do nyx bellamyi</i>	1	0	0	0	0
<i>Trio do nyx lalanza</i>	1	0	0	0	0
<i>Trio do nyx nogueirai</i>	1	0	0	0	0
<i>Heptophylla picea</i>	1	0	0	0	0
<i>Schizonycha mimo-continens</i>	0	0	0	0	0
<i>Schizonycha propinqua</i>	0	?	?	?	?
<i>Latipalpus occidentalis</i>	0	?	?	?	?
<i>Latipalpus fujiokai</i>	0	?	?	?	?
<i>Melolontha melolontha</i>	0	0	0	0	0
<i>Polyphylla petiti</i>	0	0	0	0	0
<i>Cryptotrogus weisei</i>	0	0	0	0	0
<i>Anoxia orientalis</i>	0	0	0	0	0
<i>Diploptaxis hirsuta</i>	1	0	0	0	0
<i>Isonychus piperitus</i>	0	0	0	1	0
<i>Macroductylus nigripes</i>	0	0	0	1	0
<i>Hoplia squamifera</i>	0	0	0	1	0
<i>Serica porcula</i>	1	0	0	0	0

	210	220	230	240	250
<i>Cyclocephala lunulata</i>	0 0 1 0 0 0 0 0 0	1 0 0 2 0 0 0 0 0	1 0 0 0 0 0 0 0 2	2 0 0 1 0 0 0 0 0	1 0 0 0 0 0 0 0 0
<i>Chlaenobia ciliatipes</i>	0 1 0 0 0 0 0 0 0	1 0 0 2 1 0 1 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 1
<i>Chlaenobia vexata</i>	0 0 0 0 0 0 0 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chlaenobia latipes</i>	0 1 0 0 0 0 0 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0
<i>Chlaenobia peccata</i>	0 1 0 0 2 0 0 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0
<i>Chlaenobia scabripygga</i>	0 1 0 0 2 0 0 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chlaenobia aequata</i>	0 1 0 0 0 0 0 0 0	1 1 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chlaenobia chiapensis</i>	0 1 0 0 0 0 0 0 0	1 1 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chlaenobia halfferiana</i>	0 1 0 0 0 0 0 0 0	1 1 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chlaenobia instabilis</i>	0 1 0 0 2 0 0 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chlaenobia sp. nov.</i>	0 1 0 0 0 0 1 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chirodines zunilensis</i>	0 ? 0 0 ? 0 1 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Chirodines nahui</i>	0 1 0 0 0 0 1 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus puberea</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 1 0 1 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus pruinosus</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus trichodes</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus senicula</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus balli</i>	0 1 1 0 1 0 0 0 0	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus obsoleta</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus cometes</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus coahuayana</i>	0 1 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus sonora</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus pentaphylla</i>	0 1 0 0 2 0 0 0 0	1 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus bilobata</i>	0 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus macrocera</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus oaxaca</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus fissilabris</i>	0 0 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus lulaana</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus lineata</i>	0 1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus hirtifrons</i>	0 ? 0 0 ? 0 0 0 0 0	1 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus heteroclitia</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus luridipennis</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. Phytalus nitidioris</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga hirticula</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga profunda</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga fraterna</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga crassissima</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga ravidus</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga dentex</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga dasyopoda</i>	0 1 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga fulviventris</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga pastassana</i>	0 ? 0 0 ? 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga nuda</i>	0 ? 0 0 ? 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga heteronycha</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga hoegella</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga xanthe</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga aff. xanthe</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga collaris</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga pubicauda</i>	0 0 1 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga isabellae</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga blanchardi</i>	0 0 1 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga leonina</i>	0 0 1 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga beckeri</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga testaceipennis</i>	0 1 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga elenans</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga parvisetis</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga temora</i>	0 1 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. martinezpalaciosi</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga setifera</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga gigantea</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga maculicollis</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga schizorhina</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga rolbakeri</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga submucida</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga torta</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga rugipennis</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga tenuipilis</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga ephelida</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga glaberrima</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga molopia</i>	0 1 1 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga segregans</i>	0 0 1 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga porodera</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga eniba</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga fucata</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga opaca</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga ignava</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga scabrifrons</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>Phyllophaga serratipes</i>	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. incertae sedis crenoncha</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. incertae sedis integriceps</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. incertae sedis ilhuicaminai</i>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
<i>P. incertae sedis pubicollis</i>	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0

