

Cladistic analysis of Spartocerini Amyot & Serville 1843 (Hemiptera, Coreidae, Coreinae)

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Supplementary material

Table S1. Species examined in the phylogenetic analysis including subfamily, tribe, and number of males and females analyzed. * Type species; ‡ Obtained through exchange between the BMNH and MCNZ collections.

Subfamily	Tribe	Species	Male	Female	Museum
Coreinae	Acanthocephalini	<i>Acanthocephala</i> sp.	4	3	MCNZ
Coreinae	Acanthocephalini	<i>Empedocles luridus</i> Brailovsky & Barrera	5	3	MCNZ
Coreinae	Acanthocerini	<i>Athaumastus haematicus</i> (Stål)	5	3	MCNZ
Coreinae	Acanthocerini	* <i>Camptischium clavipes</i> (Fabricius)	3	3	MCNZ
Coreinae	Acanthocerini	<i>Crinocerus sanctus</i> (Fabricius)	1	8	MCNZ
Coreinae	Acanthocerini	<i>Lybindus dichrous</i> Stål	4	4	MCNZ
Coreinae	Anisoscelini	* <i>Anisoscelis</i> (<i>Anisoscelis</i>) <i>foliaceus</i> (Fabricius)	2	5	MCNZ
Coreinae	Anisoscelini	<i>Holhymenia rubiginosa</i> Breddin	4	4	MCNZ
Coreinae	Anisoscelini	<i>Leptoglossus</i> <i>neovexillatus</i> Allen	5	5	MCNZ
Coreinae	Anisoscelini	* <i>Leptoscelis bipustulatus</i> (Linnaeus)	5	5	INPA
Coreinae	Anisoscelini	* <i>Phthiacnemia picta</i> (Drury)	2	2	MCNZ
Coreinae	Chariesterini	<i>Chariesterus cuspidatus</i> Distant	5	5	MCNZ
Coreinae	Coreini	* <i>Coreus marginatus</i> (Linnaeus)	2	2	MCNZ‡; NHRS
Coreinae	Daladerini	* <i>Dalader acuticosta</i> Amyot & Serville	1	3	MCNZ‡; NHRS
Coreinae	Discogastrini	<i>Discogaster drewseni</i> Stål	8	8	MCNZ
Coreinae	Hypselonotini	<i>Acanonicus hahni</i> (Stål)	4	5	MCNZ
Coreinae	Hypselonotini	<i>Acidomeria sordida</i> (Berg)	4	4	MCNZ
Coreinae	Hypselonotini	<i>Anasa varicornis</i> (Westwood)	4	4	MCNZ

Subfamily	Tribe	Species	Male	Female	Museum
Coreinae	Hypselonotini	<i>*Hypselonotus interruptus</i> Hahn	3	5	MCNZ
Coreinae	Hypselonotini	<i>Paryphes</i> sp.	1	0	MCNZ
Coreinae	Hypselonotini	<i>*Sethenira testacea</i> Spinola	6	4	MCNZ
Coreinae	Mictini	<i>*Mictis profana</i> (Fabricius)	2	4	MCNZ ₊ ; NHRS
Coreinae	Nematopodini	<i>*Melucha phyllocnemis</i> (Burmeister)	6	8	MCNZ
Coreinae	Nematopodini	<i>Ouranion complutus</i> (Breddin)	1	2	DZUP
Coreinae	Nematopodini	<i>Ouranion crenulatus</i> (Stål)	6	6	UFRG; UFRV; ZUEC;
Coreinae	Nematopodini	<i>*Ouranion serrulatus</i> (Perty)	1	1	ZUEC
Coreinae	Nematopodini	<i>Pachylis laticornis laticornis</i> (Fabricius)	4	4	MCNZ
Coreinae	Nematopodini	<i>*Pachylis pharaonis</i> (Herbst)	4	9	MCNZ
Coreinae	Placoscelini	<i>Nyttum punctatum</i> (Dallas)	2	1	MCNZ; ZUEC
Coreinae	Spartocerini	<i>*Euagora diana</i> Dallas	1	0	ZUEC
Coreinae	Spartocerini	<i>Euagora</i> sp.	1	0	MZUSP
Coreinae	Spartocerini	<i>Eubule ampliata</i> (Valdés)	0	1	FSCA
Coreinae	Spartocerini	<i>Eubule farinosa</i> (Dallas)	0	1	DZUP
Coreinae	Spartocerini	<i>Eubule glyphica</i> Berg	0	1	MAPA
Coreinae	Spartocerini	<i>Eubule rugulosa</i> Brailovsky	4	3	DZUP; MCNZ
Coreinae	Spartocerini	<i>*Eubule sculpta</i> (Perty)	11	5	MAPA; MCNZ; UFRG; ZUEC;
Coreinae	Spartocerini	<i>Menenotus diminutus</i> Walker	4	2	DZUP; MCNZ
Coreinae	Spartocerini	<i>*Menenotus lunatus</i> (Laporte)	8	11	DZUP; INPA; MCNZ; MZUSP; UFRJ; ZUEC
Coreinae	Spartocerini	<i>*Molchina compressicornis</i> (Fabricius)	1	2	DZUP; INPA

Subfamily	Tribe	Species	Male	Female	Museum
Coreinae	Spartocerini	<i>Molchina hopei</i> (Perty)	3	1	INPA
Coreinae	Spartocerini	<i>Molchina linnei</i> Stål	4	1	DZUP; MZUSP
Coreinae	Spartocerini	<i>Sephina bicornis</i> Distant	2	1	DZUP
Coreinae	Spartocerini	<i>Sephina geniculata</i> Distant	0	3	MZUSP; MCNZ
Coreinae	Spartocerini	<i>Sephina pubera</i> (Erichson)	0	1	INPA
Coreinae	Spartocerini	* <i>Sephina pustulata</i> (Fabricius)	7	5	MCNZ
Coreinae	Spartocerini	<i>Spartocera batatas</i> (Fabricius)	39	46	FSCA; INPA; MAPA; MCNZ; MZUSP; UFRG; UFV; ZUEC
Coreinae	Spartocerini	<i>Spartocera cinnamomea</i> (Hahn)	16	18	INPA; MAPA; MCNZ; MZUSP; UFRG; UFV; ZUEC
Coreinae	Spartocerini	<i>Spartocera denticulata</i> Stål	10	10	INPA; MAPA; MCNZ; MZUSP; UFRG; ZUEC
Coreinae	Spartocerini	<i>Spartocera dentiventris</i> Berg	11	15	MAPA; MCNZ; UFRG
Coreinae	Spartocerini	* <i>Spartocera fusca</i> (Thunberg)	42	53	FSCA; INPA; MAPA; MCNZ; MZUSP; UFRG; UFV; ZUEC
Coreinae	Spartocerini	<i>Spartocera lativentris</i> Stål	6	10	MAPA; MCNZ; UFRG; UFV
Coreinae	Incetae sedis	* <i>Mamurius mopsus</i> Stål	2	1	MCNZ↓; NHRS
Hydarinae	-	* <i>Madura fuscoclavata</i> Stål	5	3	MCNZ
Meropachyinae	Meropachyini	* <i>Hirilcus gracilis</i> (Burmeister)	3	3	INPA; MCNZ; MZUSP
Meropachyinae	Meropachyini	<i>Meropachys affinis</i> (Dallas)	2	2	INPA; MZUSP
Pseudophloeinae	Pseudophloeini	<i>Vilga (Laevivilga) sanctipauli</i> Dolling	1	7	MCNZ

Script S1.

```
macro=;

macroreport-;

clbuffer;

var: x y r;

set x 11;

set y 11;

set r 100;

var: resultados['x' 'y'];

loop = primeiro 0 ('x'-1)

loop = segundo 0 ('y'-1)

set resultados [#primeiro #segundo ] sprdiff [#primeiro #segundo 'r'];

stop;

stop;

lquote [;

log/;

macroreport-;

log lazy_log_sem_tab.txt;

quoteTrees, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10;

loop = indice 0 ('x'-1)

quote #indice, 'resultados[#indice 0]', 'resultados[#indice 1]', 'resultados[#indice 2]',
'resultados[#indice 3]', 'resultados[#indice 4]', 'resultados[#indice 5]', 'resultados[#indice 6]',
'resultados[#indice 7]', 'resultados[#indice 8]', 'resultados[#indice 9]', 'resultados[#indice
10]';

stop;

log/;
```

Table S2. Characters matrix Spartocerini.

Species	1																
	1	0															
<i>Acanthocephala</i> sp.	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	1
<i>Empedocles luridus</i> Brailovsky & Barrera	1	0	0	1	0	0	1	0	0	1	1	1	1	1	0	0	1
<i>Athaumastus haematicus</i> (Stål)	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1
<i>Camptischium clavipes</i> (Fabricius)	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
<i>Crinocerus sanctus</i> (Fabricius)	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1
<i>Lybindus dichrous</i> Stål	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
<i>Anisoscelis</i> (A.) <i>foliaceus</i> (Fabricius)	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	0
<i>Holhymenia rubiginosus</i> Breddin	1	0	0	1	0	0	1	1	0	1	0	0	0	0	0	1	0
<i>Leptoglossus neovexillatus</i> Allen	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0
<i>Leptoscelis bipustulatus</i> (Linnaeus)	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	0
<i>Phthiacnemis picta</i> (Drury)	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
<i>Chariesterus cuspidatus</i> Distant	1	0	0	1	0	0	0	1	1	1	1	0	0	1	0	0	1
<i>Coreus marginatus</i> (Linnaeus)	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	1
<i>Dalader acuticosta</i> Amyot & Serville	0	0	0	0	0	0	1	1	0	1	0	0	1	0	1	1	0
<i>Discogaster drewseni</i> Stål	0	0	1	0	0	1	0	0	0	1	0	0	1	1	0	0	1
<i>Acanonicus hahni</i> (Stål)	1	1	1	0	1	1	0	0	0	1	1	0	0	1	0	0	1
<i>Acidomeria sordida</i> (Berg)	1	1	1	0	0	0	0	0	1	1	0	0	1	0	0	1	1
<i>Anasavaricornis</i> (Westwood)	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	1
<i>Hypselonotus interruptus</i> Hahn	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
<i>Paryphes</i> sp.	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	1
<i>Sethenira testacea</i> Spinola	1	1	1	0	1	0	0	0	1	1	0	1	1	0	0	1	1
<i>Mictis profana</i> (Fabricius)	0	0	0	0	0	0	1	0	1	1	1	0	0	1	0	0	1
<i>Melucha phyllocnemis</i> (Burmeister)	0	1	1	1	1	0	1	1	0	1	1	0	0	1	0	0	0
<i>Ouranion complutus</i> (Breddin)	0	0	0	0	1	0	1	0	0	0	1	0	0	1	0	0	0
<i>Ouranion crenulatus</i> (Stål)	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0
<i>Ouranion serrulatus</i> (Perty)	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0
<i>Pachylis laticornis laticornis</i> (Fabricius)	0	1	0	0	1	0	1	1	0	1	0	0	0	1	0	0	0
<i>Pachylis pharaonis</i> (Herbst)	0	1	0	0	1	0	1	1	0	1	0	0	0	1	0	0	0
<i>Nyttum punctatum</i> (Dallas)	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	1
<i>Euagona diana</i> (Dallas)	0	0	1	1	1	1	1	0	0	1	1	0	0	1	1	0	1
<i>Euagona</i> sp.	0	0	0	1	1	1	1	0	0	1	1	0	0	1	1	0	1
<i>Eubule ampliata</i> (Valdés)	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1
<i>Eubule farinosa</i> (Dallas)	0	1	1	0	1	1	1	0	1	0	1	0	0	1	0	0	1
<i>Eubule glyphica</i> Berg	0	1	0	0	1	0	0	1	0	1	0	0	0	1	0	0	1
<i>Eubule rugulosa</i> Brailovsky	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	1
<i>Eubule sculpta</i> (Perty)	0	0	1	0	1	1	0	0	0	1	1	0	0	1	0	0	1
<i>Menenotus diminutus</i> Walker	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	0	1
<i>Menenotus lunatus</i> (Laporte)	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	0	1
<i>Molchina compressicornis</i> (Fabricius)	0	0	0	0	1	0	1	1	0	1	1	0	0	1	0	0	1
<i>Molchina hopei</i> (Perty)	0	0	1	0	1	0	1	1	0	1	1	0	0	1	0	0	1
<i>Molchina linnei</i> Stål	0	0	0	0	1	0	1	1	0	1	1	0	0	1	0	0	1
<i>Sephina bicornis</i> Distant	0	0	0	0	1	1	1	0	1	1	1	0	0	1	0	0	1
<i>Sephina geniculata</i> Distant	0	1	1	1	1	1	1	0	1	1	1	0	0	1	0	0	1
<i>Sephina pubera</i> (Erichson)	0	0	0	?	?	?	1	0	1	1	1	0	0	1	0	0	1
<i>Sephina pustulata</i> (Fabricius)	0	1	1	0	1	1	1	0	0	1	1	0	0	1	0	0	1
<i>Spartocera batatas</i> (Fabricius)	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	1
<i>Spartocera cinnamomea</i> (Hahn)	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	1
<i>Spartocera denticulata</i> Stål	0	1	1	0	0	0	0	0	1	1	1	0	0	1	1	0	1
<i>Spartocera dentiventris</i> Berg	0	1	1	0	1	1	0	0	1	1	1	0	0	1	1	0	1
<i>Spartocera fusca</i> (Thunberg)	0	0	0	0	0	1	0	0	1	1	1	0	0	1	1	0	1
<i>Spartocera lativentris</i> Stål	0	1	1	0	1	1	0	0	1	1	1	0	0	1	1	0	1
<i>Mamurius mopsus</i> Stål	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0
<i>Madura fuscoclavata</i> Stål	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
<i>Hirilcus gracillis</i> (Burmeister)	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0	1	0
<i>Meropachys affinis</i> (Dallas)	0	1	1	0	1	1	1	0	0	1	0	0	1	1	0	1	0
<i>Vilga</i> (<i>Laevivilga</i>) <i>sanctipauli</i> Dolling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Species	2 0										3 0									
<i>Acanthocephala</i> sp.	0	0	0	0	1	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1
<i>Empedocles luridus</i> Brailovsky & Barrera	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	1
<i>Athaumastus haematicus</i> (Stål)	1	1	0	1	0	0	0	2	0	0	1	1	1	0	0	0	1	0	0	0
<i>Camptischium clavipes</i> (Fabricius)	1	0	0	0	0	1	0	2	0	0	1	1	1	0	0	0	1	1	0	1
<i>Crinocerus sanctus</i> (Fabricius)	1	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	1	0	0	1
<i>Lybindus dichrous</i> Stål	1	1	0	1	0	0	0	2	0	0	1	1	0	0	0	0	1	0	0	0
<i>Anisoscelis</i> (A.) <i>foliaceus</i> (Fabricius)	0	1	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0
<i>Holhymenia rubiginosus</i> Breddin	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1
<i>Leptoglossus neovexillatus</i> Allen	0	1	0	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	1
<i>Leptoscelis bipustulatus</i> (Linnaeus)	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1
<i>Phthiacnemis picta</i> (Drury)	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	1
<i>Chariesterus cuspidatus</i> Distant	0	1	0	1	1	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0
<i>Coreus marginatus</i> (Linnaeus)	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
<i>Dalader acuticosta</i> Amyot & Serville	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	1
<i>Discogaster drewseni</i> Stål	0	0	0	1	1	0	0	0	1	0	0	2	1	0	0	0	0	0	1	-
<i>Acanonicus hahni</i> (Stål)	1	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1	-
<i>Acidomeria sordida</i> (Berg)	1	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	-
<i>Anasa varicornis</i> (Westwood)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	-
<i>Hypselonotus interruptus</i> Hahn	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	-
<i>Paryphes</i> sp.	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	-
<i>Sethenira testacea</i> Spinola	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	-
<i>Mictis profana</i> (Fabricius)	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	0	0	1
<i>Melucha phyllocnemis</i> (Burmeister)	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	1
<i>Ouranion complutus</i> (Breddin)	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1
<i>Ouranion crenulatus</i> (Stål)	0	0	0	0	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	1
<i>Ouranion serrulatus</i> (Perty)	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1
<i>Pachylis laticornis laticornis</i> (Fabricius)	0	0	0	0	0	0	0	2	0	0	1	1	1	1	1	0	1	1	0	0
<i>Pachylis pharaonis</i> (Herbst)	0	0	0	0	0	0	0	2	0	0	1	1	1	1	1	0	1	1	0	0
<i>Nyttum punctatum</i> (Dallas)	0	0	0	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0&1
<i>Euagona diana</i> (Dallas)	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	-
<i>Euagona</i> sp.	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	-
<i>Eubule ampliata</i> (Valdés)	0	0	1	0	0	1	0	0	1	0	0	2	1	1	1	0	1	?	1	-
<i>Eubule farinosa</i> (Dallas)	0	0	1	0	0	1	0	0	1	1	0	1	1	1	1	0	1	?	1	-
<i>Eubule glyphica</i> Berg	0	0	1	0	0	1	0	0	1	1	0	2	1	1	1	0	1	?	0	0
<i>Eubule rugulosa</i> Brailovsky	0	0	1	0	0	1	0	0	1	1	0	1	1	1	1	0	1	0	1	-
<i>Eubule sculpta</i> (Perty)	0	0	1	0	0	1	0	0	1	1	0	1	1	1	1	0	1	0	0	0
<i>Menenotus diminutus</i> Walker	0	0	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	-
<i>Menenotus lunatus</i> (Laporte)	0	0	0	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	1	-
<i>Molchina compressicornis</i> (Fabricius)	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	1	0	0
<i>Molchina hopei</i> (Perty)	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	1
<i>Molchina linnei</i> Stål	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	1	1	0	1
<i>Sephina bicornis</i> Distant	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	-
<i>Sephina geniculata</i> Distant	0	0	1	0	0	0	0	0	1	0	0	1	1	0	1	0	0	?	1	-
<i>Sephina pubera</i> (Erichson)	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	?	1	-
<i>Sephina pustulata</i> (Fabricius)	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	-
<i>Spartocera batatas</i> (Fabricius)	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	0	1	0	1	-
<i>Spartocera cinnamomea</i> (Hahn)	0	0	0	0	0	1	0	0	1	0	0	2	1	1	1	0	1	0	1	-
<i>Spartocera denticulata</i> Stål	0	0	0	0	0	1	0	0	1	0	0	2	1	1	1	0	1	0	1	-
<i>Spartocera dentiventris</i> Berg	0	1	0	0	0	1	0	0	1	0	0	2	1	1	1	0	1	0	1	-
<i>Spartocera fusca</i> (Thunberg)	0	0	0	0	0	1	0	0	1	0	0	2	1	1	1	0	1	0	1	-
<i>Spartocera lativentris</i> Stål	0	0	0	1	0	1	0	0	1	0	0	1	1	1	1	0	1	0	1	-
<i>Mamurius mopsus</i> Stål	1	0	0	0	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1
<i>Madura fuscoclavata</i> Stål	0	0	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	1	-
<i>Hirilcus gracillis</i> (Burmeister)	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	1	1	1	0	1
<i>Meropachys affinis</i> (Dallas)	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	1	1	0	1	-
<i>Vilga (Laevivilga) sanctipauli</i> Dolling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

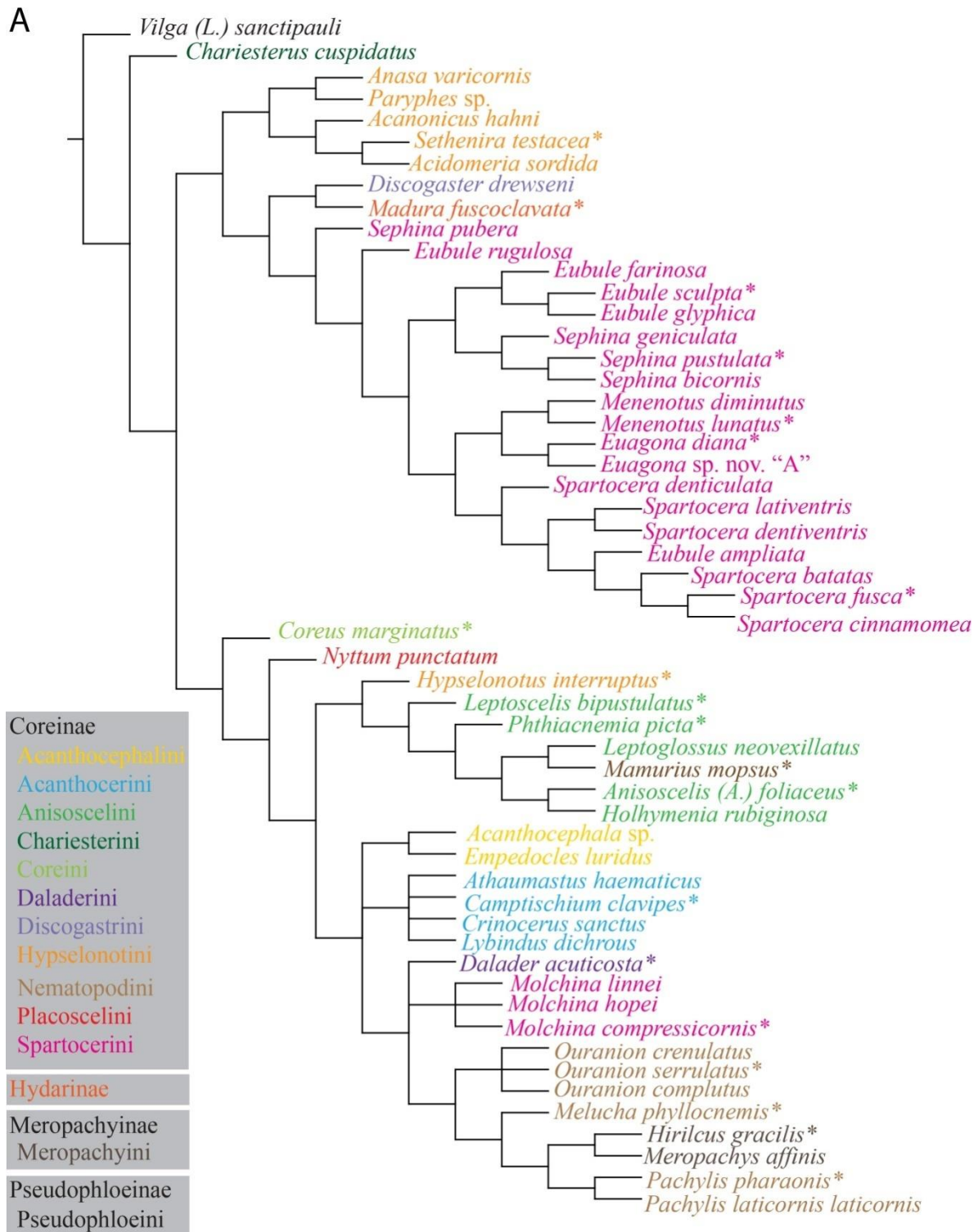
Species	4 0	5 0
<i>Acanthocephala</i> sp.	0 1 0 1 0 0 1 0 1 0	0 1 2 0 0 0 1 1 1 0
<i>Empedocles luridus</i> Brailovsky & Barrera	0 1 0 1 0 0 1 0 1 0	0 1 2 2 0 0 1 0 1 -
<i>Athaumastus haematicus</i> (Stål)	0 1 0 0 0 0 1 0 1 1	0 1 0 0 1 0 0 1 1 0
<i>Camptischium clavipes</i> (Fabricius)	0 1 0 1 0 0 1 0 1 0	0 1 0 0 0 0 0 0 1 1 0
<i>Crinocerus sanctus</i> (Fabricius)	0 1 0 1 0 0 1 0 1 0	0 1 0 0 1 0 0 0 1 1 1
<i>Lybindus dichrous</i> Stål	0 1 0 0 0 0 1 0 1 1	0 1 1 1 0 0 0 0 1 1 0
<i>Anisoscelis</i> (A.) <i>foliaceus</i> (Fabricius)	0 0 0 0 0 0 0 0 0 1	0 0 2 2 0 0 0 1 1 1 0
<i>Holhymenia rubiginosus</i> Breddin	0 1 0 1 1 0 1 0 1 1	0 0 2 2 0 0 0 1 1 1 0
<i>Leptoglossus neovexillatus</i> Allen	0 1 0 1 1 0 1 0 0 1	0 0 2 2 0 0 0 1 1 1 0
<i>Leptoscelis bipustulatus</i> (Linnaeus)	0 1 0 1 0 0 1 0 1 1	0 0 2 2 0 0 0 0 0 0 -
<i>Phthiacnemis picta</i> (Drury)	0 1 0 1 0 0 1 0 1 1	0 0 2 2 0 0 0 0 1 0 0
<i>Chariesterus cuspidatus</i> Distant	0 0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 -
<i>Coreus marginatus</i> (Linnaeus)	0 1 0 1 1 0 1 0 1 0	0 0 0 0 1 0 0 0 0 0 -
<i>Dalader acuticosta</i> Amyot & Serville	0 1 0 1 0 0 1 0 1 0	0 1 1 1 0 0 0 0 0 0 -
<i>Discogaster drewseni</i> Stål	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Acanonicus hahni</i> (Stål)	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Acidomeria sordida</i> (Berg)	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Anasa varicornis</i> (Westwood)	1 - 1 - 0 1 - 1 - 1	0 0 0 1 0 0 0 0 0 0 -
<i>Hypselonotus interruptus</i> Hahn	1 - 1 - 0 1 - 1 - 1	0 0 0 0 0 0 0 0 0 0 -
<i>Paryphes</i> sp.	1 - ? ? 0 1 - ? ? 1	? 0 0 ? 0 ? 0 0 ? -
<i>Sethenira testacea</i> Spinola	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 1 1 0
<i>Mictis profana</i> (Fabricius)	0 1 0 1 1 0 1 0 1 0	1 1 0 1 1 1 0 1 1 1
<i>Melucha phyllocnemis</i> (Burmeister)	0 1 0 1 1 0 1 0 1 1	1 1 1 1 0 0 0 1 1 1 1
<i>Ouranion complutus</i> (Breddin)	0 1 0 1 0 0 1 0 1 1	0 1 0 1 0 0 0 0 1 0 1
<i>Ouranion crenulatus</i> (Stål)	0 1 0 1 0 0 1 0 1 0	0 1 0 1 0 0 0 0 1 0 1
<i>Ouranion serrulatus</i> (Perty)	0 1 0 1 0 0 1 0 1 1	0 1 1 1 0 0 0 0 1 0 1
<i>Pachylis laticornis laticornis</i> (Fabricius)	0 0 0 0 1 0 1 0 1 1	1 1 1 1 1 0 0 0 1 1 1
<i>Pachylis pharaonis</i> (Herbst)	0 1 0 1 1 0 1 0 1 1	1 1 1 1 1 0 0 0 1 1 1
<i>Nyttum punctatum</i> (Dallas)	0 1 0 1 0 0 1 ? ? 1	? ? 0 ? 0 0 0 0 ? -
<i>Euagona diana</i> (Dallas)	1 - ? ? 0 1 - ? ? 1	? 0 1 ? 0 ? 0 0 ? -
<i>Euagona</i> sp.	1 - ? ? 0 1 - ? ? 1	? ? 1 ? 0 ? 0 0 ? -
<i>Eubule ampliata</i> (Valdés)	? ? 1 - ? ? ? 1 - 1	0 ? ? 1 ? 0 0 ? 0 ?
<i>Eubule farinosa</i> (Dallas)	? ? ? ? ? ? ? 1 - 1	0 ? ? 1 ? 0 0 ? 0 ?
<i>Eubule glyphica</i> Berg	? ? 0 0 0 ? ? 0 0 1	0 ? ? 1 ? 0 0 ? 0 ?
<i>Eubule rugulosa</i> Brailovsky	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Eubule sculpta</i> (Perty)	0 0 0 0 0 0 0 0 0 1	0 0 1 1 0 0 0 0 0 0 -
<i>Menenotus diminutus</i> Walker	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Menenotus lunatus</i> (Laporte)	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Molchina compressicornis</i> (Fabricius)	0 1 0 1 0 0 1 0 1 1	0 1 1 1 1 0 0 0 1 0 1
<i>Molchina hopei</i> (Perty)	0 1 0 0 0 0 1 0 1 1	0 1 0 1 0 0 0 0 1 0 1
<i>Molchina linnei</i> Stål	0 1 0 1 0 0 1 0 1 1	0 1 0 1 1 0 0 0 1 0 1
<i>Sephina bicornis</i> Distant	1 - 1 - 0 0 1 1 - 1	0 0 0 0 0 0 0 0 0 0 -
<i>Sephina geniculata</i> Distant	? ? 1 - 0 ? ? 1 - 1	0&1 ? ? 1 ? 0 0 ? 0 ?
<i>Sephina pubera</i> (Erichson)	? ? 1 - 0 ? ? 1 - 1	0 ? ? 1 ? 0 0 ? 0 ?
<i>Sephina pustulata</i> (Fabricius)	1 - 1 - 0 0 1 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Spartocera batatas</i> (Fabricius)	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Spartocera cinnamomea</i> (Hahn)	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Spartocera denticulata</i> Stål	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Spartocera dentiventris</i> Berg	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Spartocera fusca</i> (Thunberg)	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Spartocera lativentris</i> Stål	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Mamurius mopsus</i> Stål	0 1 0 1 0 0 1 0 1 0	0 0 2 2 0 0 0 0 1 1 0
<i>Madura fuscoclavata</i> Stål	1 - 1 - 0 1 - 1 - 1	0 0 1 1 0 0 0 0 0 0 -
<i>Hiriliss gracillis</i> (Burmeister)	0 1 1 - 0 0 1 0 1 0	0 0 1 1 1 1 0 1 0 1 0
<i>Meropachys affinis</i> (Dallas)	0 1 0 1 1 0 1 0 1 0	1 1 1 0 1 1 0 1 1 0
<i>Vilga (Laevivilga) sanctipauli</i> Dolling	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 -

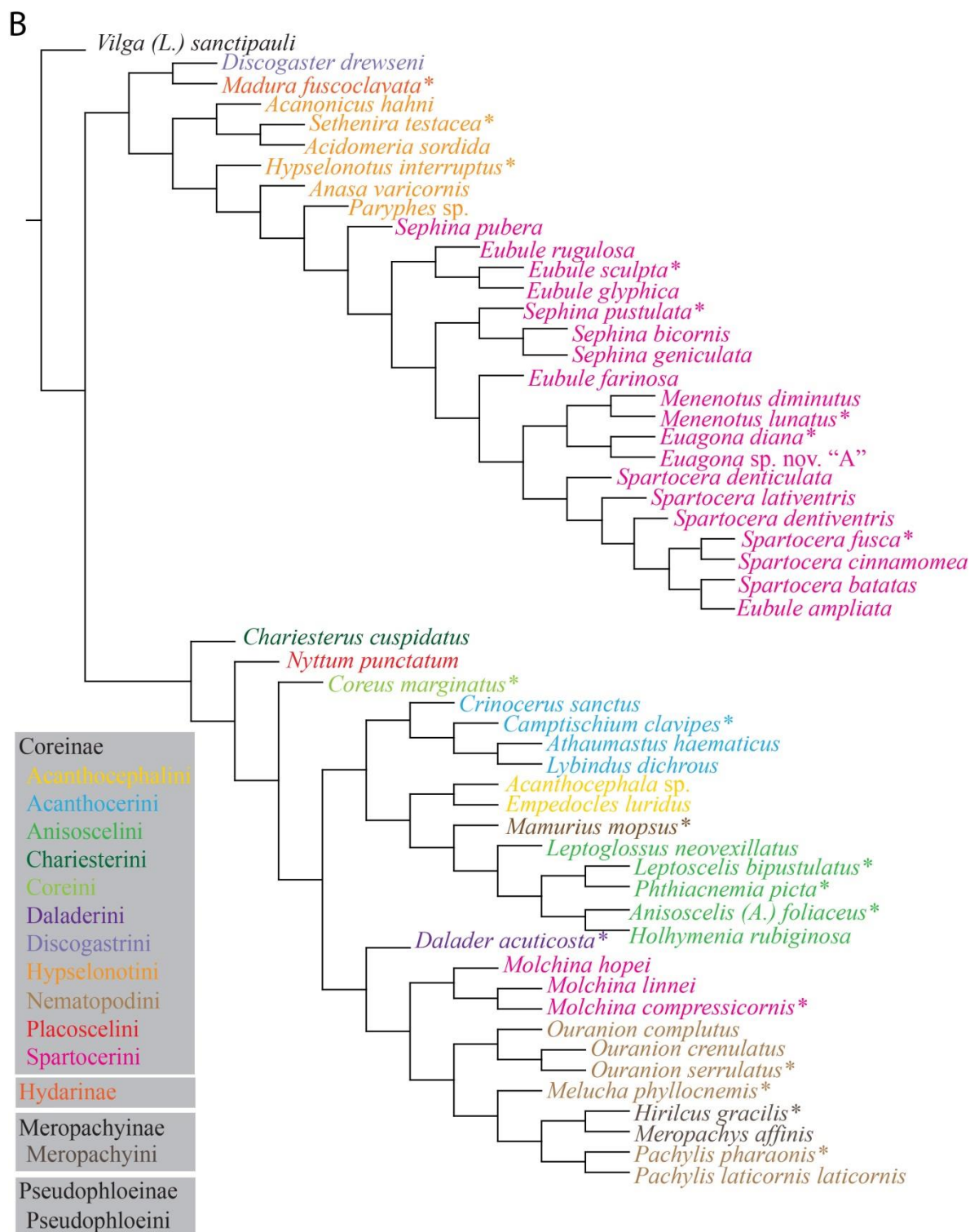
	6										7									
Species	0										0									
<i>Acanthocephala</i> sp.	-	0	0	1	1	0	1	0	0	1	0	0	1	1	0	0	2	0	1	1
<i>Empedocles luridus</i> Brailovsky & Barrera	-	0	0	0	1	0	1	0	0	1	0	0	1	1	1	0	2	1	0	0
<i>Athaumastus haematicus</i> (Stål)	-	0	0	1	1	0	1	0	0	1	0	0	1	1	0	0	0	1	0	0
<i>Camptischium clavipes</i> (Fabricius)	-	0	0	1	1	0	1	0	0	1	0	0	1	1	1	0	2	1	0	1
<i>Crinocerus sanctus</i> (Fabricius)	1	0	0	1	1	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0
<i>Lybindus dichrous</i> Stål	-	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0
<i>Anisoscelis</i> (A.) <i>foliaceus</i> (Fabricius)	-	0	1	1	1	0	0	0	0	?	0	0	1	1	1	0	2	1	1	1
<i>Holhymenia rubiginosus</i> Breddin	-	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	2	0	0	
<i>Leptoglossus neovexillatus</i> Allen	-	0	1	1	1	0	0	0	1	0	0	0	1	1	1	0	1	1	2	1
<i>Leptoscelis bipustulatus</i> (Linnaeus)	-	0	1	1	1	0	0	0	0	1	0	0	1	1	1	1	2	1	0	1
<i>Phthiacnemia picta</i> (Drury)	-	0	1	1	1	0	0	0	0	1	0	0	1	1	1	0	2	1	1	1
<i>Chariesterus cuspidatus</i> Distant	-	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	2	1	2	1
<i>Coreus marginatus</i> (Linnaeus)	-	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1
<i>Dalader acuticosta</i> Amyot & Serville	-	0	0	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	0
<i>Discogaster drewseni</i> Stål	-	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	2	0
<i>Acanonicus hahni</i> (Stål)	-	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	2	0	2	0
<i>Acidomeria sordida</i> (Berg)	-	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
<i>Anasa varicornis</i> (Westwood)	-	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	1	2	0
<i>Hypselonotus interruptus</i> Hahn	-	0	1	1	1	0	0	0	0	1	0	0	1	1	1	0	2	1	1	1
<i>Paryphes</i> sp.	-	0	1	1	1	0	0	0	0	?	0	?	?	?	?	?	?	?	?	?
<i>Sethenira testacea</i> Spinola	-	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	
<i>Mictis profana</i> (Fabricius)	0	0	0	0	1	1	0	1	0	1	0	0	1	1	1	1	1	1	1	0
<i>Melucha phyllocnemis</i> (Burmeister)	1	0	0	0	1	1	1	0	0	1	0	0	1	1	0	1	2	1	1	0
<i>Ouranion complutus</i> (Breddin)	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	2	0	1	0
<i>Ouranion crenulatus</i> (Stål)	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	0
<i>Ouranion serrulatus</i> (Perty)	0	0	0	1	1	1	1	0	1	1	1	1	1	?	1	0	1	1	1	0
<i>Pachylis laticornis laticornis</i> (Fabricius)	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1	0	1	0	1	0
<i>Pachylis pharaonis</i> (Herbst)	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	2	1	1	0
<i>Nyttum punctatum</i> (Dallas)	-	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	2	0	1	0
<i>Euagona diana</i> (Dallas)	-	0	1	1	1	1	0	0	0	1	0	1	?	1	1	0	?	1	0	0
<i>Euagona</i> sp.	-	0	1	1	0	1	0	0	0	?	0	?	?	?	?	?	?	?	?	?
<i>Eubule ampliata</i> (Valdés)	?	0	?	?	1	1	?	?	0	1	?	0	1	0	?	1	0	1	0	0
<i>Eubule farinosa</i> (Dallas)	?	0	?	?	1	1	?	?	0	0	?	1	1	1	1	?	0	1	1	0
<i>Eubule glyphica</i> Berg	?	0	?	?	1	1	?	?	0	0	?	0	1	1	1	0	2	1	1	0
<i>Eubule rugulosa</i> Brailovsky	-	0	0	1	1	1	0	0	0	1	0	0	0	1	1	1	0	1	1	0
<i>Eubule sculpta</i> (Perty)	-	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0
<i>Menenotus diminutus</i> Walker	-	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	0	1	0	0
<i>Menenotus lunatus</i> (Laporte)	-	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	0&1	1	0	0
<i>Molchina compressicornis</i> (Fabricius)	0	0	0	0	1	1	1	1	0	1	0	0	1	1	1	0	0	1	0	1
<i>Molchina hopei</i> (Perty)	0	0	0	0	1	1	1	1	0	1	0	0	1	1	1	0	0	1	0	1
<i>Molchina linnei</i> Stål	0	0	0	0	1	1	0	1	0	1	0	0	1	1	1	0	0	1	0	0
<i>Sephina bicornis</i> Distant	-	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	1	1	1	0
<i>Sephina geniculata</i> Distant	?	0	?	?	1	1	?	?	0	0	?	1	0	1	1	0	0	1	1	0
<i>Sephina pubera</i> (Erichson)	?	0	?	?	1	1	?	?	0	0	?	0	0	1	0	0	0	1	2	0
<i>Sephina pustulata</i> (Fabricius)	-	0	0	1	1	1	0	0	0	0	0	1	0	1	1	0	1	1	1	0
<i>Spartocera batatas</i> (Fabricius)	-	0	0	1	1	1	0	0	0	0	0	0	1	0	?	1	2	1	0	0
<i>Spartocera cinnamomea</i> (Hahn)	-	0	0	1	1	1	0	0	0	0	0	0	1	0	?	0	2	0	0	0
<i>Spartocera denticulata</i> Stål	-	0	0	1	1	1	0	0	0	1	0	1	1	1	?	0	0	1	0	0
<i>Spartocera dentiventris</i> Berg	-	0	0	1	1	1	0	0	0	0	0	1	1	0	?	0	1	1	0	0
<i>Spartocera fusca</i> (Thunberg)	-	0	0	1	1	1	0	0	0	0	0	0	1	0	?	0	2	0	0	0
<i>Spartocera lativentris</i> Stål	-	0	0	1	1	1	0	0	0	1	0	1	1	0	?	1	1	1	0	0
<i>Mamurius mopsus</i> Stål	-	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
<i>Madura fuscoclavata</i> Stål	-	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Hirilcusgracillis</i> (Burmeister)	-	1	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1
<i>Meropachys affinis</i> (Dallas)	-	1	1	0	0	1	0	0	0	0	0	0	1	1	0	1	0	1	1	0
<i>Vilga</i> (<i>Laevivilga</i>) <i>sanctipauli</i> Dolling	-	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

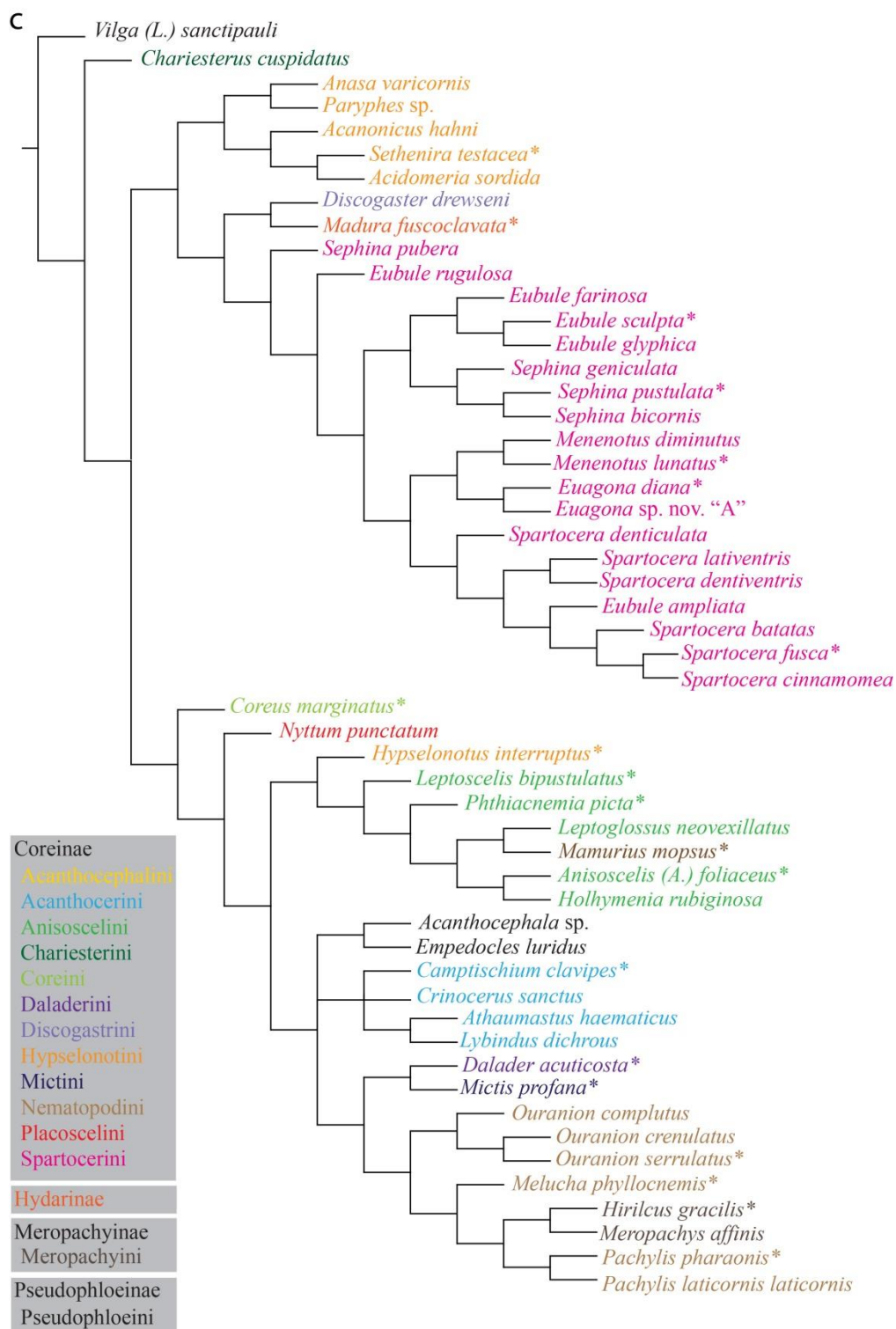
Species	8	9
	0	0
<i>Acanthocephala</i> sp.	0 2 0 0 1 1 1 1 2	1 1 0 1 0 0 1 1 1
<i>Empedocles luridus</i> Brailovsky & Barrera	0 2 0 0 1 1 1 1 2	0 1 1 1 0 0 1 1 1
<i>Athaumastus haematicus</i> (Stål)	0 2 0 0 0 1 1 0 1 2	1 1 0 0 0 0 0 - - 1
<i>Camptischium clavipes</i> (Fabricius)	0 0 0 0 1 1 1 1 2	1 1 0 0 0 0 0 - - 2
<i>Crinocerus sanctus</i> (Fabricius)	0 0 0 0 0 0 1 1 2	1 1 0 0 0 0 1 0 2
<i>Lybindus dichrous</i> Stål	0 0 0 0 0 1 1 1 2	0 1 0 0 0 0 0 - - 2
<i>Anisoscelis</i> (A.) <i>foliaceus</i> (Fabricius)	0 1 0 0 1 1 2 1 1 1	1 1 0 1 1 0 0 - - 1
<i>Holhymenia rubiginosus</i> Breddin	1 - 0 0 1 1 1 1 2	1 1 0 1 1 0 0 - -
<i>Leptoglossus neovexillatus</i> Allen	0 2 0 0 1 1 1 1 2	1 1 0 1 0 0 1 0 1
<i>Leptoscelis bipustulatus</i> (Linnaeus)	1 - 1 0 1 1 1 1 2	1 0 0 1 0 0 1 0 1
<i>Phthiacnemis picta</i> (Drury)	0 2 0 0 1 1 2 1 2	0 1 0 1 0 0 0 - - 2
<i>Chariesterus cuspidatus</i> Distant	0 2 0 0 1 1 2 1 2	0 0 0 1 0 0 0 - - 1
<i>Coreus marginatus</i> (Linnaeus)	0 2 0 0 0 0 1 1 2	1 0 0 1 0 0 0 - - 1
<i>Dalader acuticosta</i> Amyot & Serville	0 0 0 0 0 1 1 1 2	0 0 0 1 1 0 0 - - 1
<i>Discogaster drewseni</i> Stål	0 0 0 0 0 1 0 1 2	0 0 0 1 1 1 0 - - 2
<i>Acanonicus hahni</i> (Stål)	0 2 0 0 1 1 1 1 1	0 1 0 0 0 0 1 1 1
<i>Acidomeria sordida</i> (Berg)	1 - 0 1 0 0 1 1 2	0 1 0 1 0 0 1 1 1
<i>Anasa varicornis</i> (Westwood)	1 - 0 0 1 1 1 0 1 2	0 0 0 1 0 0 1 0 1
<i>Hypselonotus interruptus</i> Hahn	0 2 0 0 1 1 2 1 2	1 1 0 1 0 0 1 1 1
<i>Paryphes</i> sp.	? ? ? ? ? ? ? ? ?	? ? ? ? ? ? ? ? ?
<i>Sethenira testacea</i> Spinola	1 - 0 1 0 0 1 1 2	0 1 0 1 0 0 1 0 1
<i>Mictis profana</i> (Fabricius)	1 - 0 0 1 1 2 1 2	0 0 0 0 0 0 0 - - 1
<i>Melucha phyllocnemis</i> (Burmeister)	0 0 0 0 1 1 1 1 1	1 0 0 0 0 2 0 - - 2
<i>Ouranion complutus</i> (Breddin)	0 0 0 0 0 1 1 1 1	1 0 0 0 0 0 0 - - 1
<i>Ouranion crenulatus</i> (Stål)	0 0 0 0 0 1 1 1 1	1 0 0 0 0 0 0 - - 0
<i>Ouranion serrulatus</i> (Perty)	0 0 0 0 0 1 1 1 1	1 0 0 0 0 0 0 - - 1
<i>Pachylis laticornis laticornis</i> (Fabricius)	0 0 0 0 0 1 1 1 1	0 0 0 0 0 0 0 - - 1
<i>Pachylis pharaonis</i> (Herbst)	0 0 0 0 1 1 1 1 1	1 0 0 0 0 2 0 - - 1
<i>Nyttum punctatum</i> (Dallas)	1 - 0 0 0 1 1 0 1 2	1 1 0 1 0 0 0 - - 1
<i>Euagona diana</i> (Dallas)	? ? ? ? ? ? 1 ? ? ?	? ? ? ? ? 1 1 0 0 1
<i>Euagona</i> sp.	? ? ? ? ? ? ? ? ?	? ? ? ? ? ? ? ? ?
<i>Eubule ampliata</i> (Valdés)	0 1 1 2 0 0 1 0 1 2	1 0 1 1 0 0 1 0 1
<i>Eubule farinosa</i> (Dallas)	1 - 0 1 0 0 1 1 1 2	1 0 1 0 0 1 1 0 2
<i>Eubule glyphica</i> Berg	1 - 0 0 0 1 2 1 1 2	1 1 1 0 0 1 1 0 2
<i>Eubule rugulosa</i> Brailovsky	1 - 1 1 0 0 1 1 1 2	1 0 1 1 0 1 1 0 0
<i>Eubule sculpta</i> (Perty)	1 - 0 1 0 0 1 1 1 2	1 1 1 0 0 1 1 0 2
<i>Menenotus diminutus</i> Walker	0 2 0 1 0 0 1 1 1	1 1 1 1 0 1 1 0 2
<i>Menenotus lunatus</i> (Laporte)	0 2 0 1 0 0 1 1 2	0 1 1 1 0 1 1 0 0
<i>Molchina compressicornis</i> (Fabricius)	0 0 0 0 1 1 2 0 1 1	0 1 1 0 0 0 1 1 2
<i>Molchina hopei</i> (Perty)	0 0 0 0 1 1 2 0 1 1	0 1 1 0 0 0 0 - - 1
<i>Molchina linnei</i> Stål	0 0 0 0 1 1 2 0 1 1	1 1 1 0 0 0 1 0 2
<i>Sephina bicornis</i> Distant	1 - 0 1 0 0 2 1 1 2	1 1 1 0 1 1 1 0 1
<i>Sephina geniculata</i> Distant	1 - 1 0 0 0 2 1 1 2	1 1 1 0 0 1 1 1 0
<i>Sephina pubera</i> (Erichson)	1 - 0 0 0 0 1 1 1 2	1 1 1 1 0 1 0 2 1
<i>Sephina pustulata</i> (Fabricius)	1 - 0 1 0 0 2 1 1 2	1 1 1 1 0 1 1 0 0
<i>Spartocera batatas</i> (Fabricius)	0 1 0 1 0 0 1 0 1 2	1 1 1 0 0 1 1 0 0
<i>Spartocera cinnamomea</i> (Hahn)	0 2 1 2 0 0 1 0 1 2	1 1 1 1 0 1 1 0 0
<i>Spartocera denticulata</i> Stål	0 1 1 1 0 0 1 1 1 2	1 1 1 1 0 1 1 0 2
<i>Spartocera dentiventris</i> Berg	0 1 0 2 0 0 1 0 1 2	1 0 1 1 1 0 1 0 2
<i>Spartocera fusca</i> (Thunberg)	0 2 1 2 0 0 1 0 1 2	1 1 1 1 0 1 1 0 0
<i>Spartocera lativentris</i> Stål	0 1 1 2 0 0 1 0 1 2	1 1 1 1 0 1 1 0 0
<i>Mamurius mopsus</i> Stål	1 - 0 0 0 0 1 1 1 2	1 0 0 1 0 0 1 0 1
<i>Madura fuscoclavata</i> Stål	1 - 0 0 0 0 0 1 0 0	0 0 0 1 1 0 1 0 2
<i>Hirilcus gracillilis</i> (Burmeister)	0 0 0 0 1 1 1 1 1	1 0 0 1 0 2 0 - - 1
<i>Meropachys affinis</i> (Dallas)	0 0 0 0 1 1 1 1 1	1 0 1 0 0 2 0 - - 1
<i>Vilga</i> (<i>Laevivilga</i>) <i>sanctipauli</i> Dolling	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 - -

	1 0 0										1 1 0									
Species																				
<i>Acanthocephala</i> sp.	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1				
<i>Empedocles luridus</i> Brailovsky & Barrera	1	0	0	1	-	1	0	1	0	0	0	0	1	1	0	1				
<i>Athaumastus haematicus</i> (Stål)	1	0	0	1	-	1	0	1	1	1	0	1	1	1	0	1				
<i>Camptischium clavipes</i> (Fabricius)	1	0	1	1	-	1	0	0	1	1	0	1	1	1	0	1				
<i>Crinocerus sanctus</i> (Fabricius)	1	0	1	1	-	1	0	1	1	0	0	0	0	1	1	0				
<i>Lybindus dichrous</i> Stål	1	0	1	0	1	1	0	0	1	1	0	0	1	1	0	1				
<i>Anisoscelis</i> (A.) <i>foliaceus</i> (Fabricius)	2	0	0	1	-	0	0	1	2	1	0	1	1	1	1	0				
<i>Holhymenia rubiginosus</i> Breddin	1	0	0	0	1	0	0	1	2	1	0	1	1	1	1	0				
<i>Leptoglossus neovexillatus</i> Allen	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0				
<i>Leptoscelis bipustulatus</i> (Linnaeus)	1	0	0	0	1	0	0	1	2	0	0	0	1	1	0	0				
<i>Phthiacnemis picta</i> (Drury)	1	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0				
<i>Chariesteruscus pidatus</i> Distant	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0				
<i>Coreus marginatus</i> (Linnaeus)	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0				
<i>Dalader acuticosta</i> Amyot & Serville	1	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0				
<i>Discogaster drewseni</i> Stål	0	0	0	1	-	1	0	1	0	0	1	0	1	0	0	0				
<i>Acanonicus hahni</i> (Stål)	1	0	0	1	-	1	1	0	2	0	0	1	1	1	0	0				
<i>Acidomeria sordida</i> (Berg)	1	0	0	1	-	1	0	1	0	0	0	1	1	1	0	0				
<i>Anasa varicornis</i> (Westwood)	1	0	0	1	-	1	1	0	2	0	0	0	1	1	0	0				
<i>Hypselonotus interruptus</i> Hahn	1	0	0	1	-	1	0	1	0	0	0	0	1	1	0	0				
<i>Paryphes</i> sp.	?	0	0	1	-	0	1	0	2	0	0	1	1	1	0	0				
<i>Sethenira testacea</i> Spinola	1	0	0	1	-	1	0	0	0	1	0	0	1	1	0	0				
<i>Mictis profana</i> (Fabricius)	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0				
<i>Melucha phyllocnemis</i> (Burmeister)	0	1	1	1	-	1	1	1	0	0	0	0	1	0	0	0				
<i>Ouranion complutus</i> (Breddin)	0	0	1	1	-	1	0	1	0	0	1	0	1	0	1	0				
<i>Ouranion crenulatus</i> (Stål)	0	0	1	1	-	1	0	1	0	0	1	0	1	0	1	0				
<i>Ouranion serrulatus</i> (Perty)	0	0	1	1	-	1	0	1	0	0	1	0	1	0	1	0				
<i>Pachylis laticornis laticornis</i> (Fabricius)	0	1	1	1	-	1	0	1	0	0	0	0	1	0	1	0				
<i>Pachylis pharaonis</i> (Herbst)	0	1	1	1	-	1	0	1	0	0	0	0	1	0	0	0				
<i>Nyttum punctatum</i> (Dallas)	0	0	0	0	1	1	0	0	2	0	0	0	1	1	0	0				
<i>Euagona diana</i> (Dallas)	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1				
<i>Euagona</i> sp.	?	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1				
<i>Eubule ampliata</i> (Valdés)	1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?				
<i>Eubule farinosa</i> (Dallas)	0	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?				
<i>Eubule glyphica</i> Berg	1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?				
<i>Eubule rugulosa</i> Brailovsky	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	1				
<i>Eubule sculpta</i> (Perty)	0	0	0	0	1	1	1	0	0	0	0	1	0	1	1	0				
<i>Menenotus diminutus</i> Walker	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1				
<i>Menenotus lunatus</i> (Laporte)	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1				
<i>Molchina compressicornis</i> (Fabricius)	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1				
<i>Molchina hopei</i> (Perty)	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1				
<i>Molchina linnei</i> Stål	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1				
<i>Sephina bicornis</i> Distant	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0				
<i>Sephina geniculata</i> Distant	0	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?				
<i>Sephina pubera</i> (Erichson)	1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?				
<i>Sephina pustulata</i> (Fabricius)	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1				
<i>Spartocera batatas</i> (Fabricius)	1	0	0	0	0	1	0	0	0	0	1	1	0	1	1	1				
<i>Spartocera cinnamomea</i> (Hahn)	1	0	0	0	0	1	0	0	0	0	1	1	0	1	1	1				
<i>Spartocera denticulata</i> Stål	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0				
<i>Spartocera dentiventris</i> Berg	1	0	0	0	0	1	0	0	0	0	1	1	0	1	1	0				
<i>Spartocera fusca</i> (Thunberg)	1	0	0	0	0	1	0	0	0	0	1	1	0	1	1	1				
<i>Spartocera lativentris</i> Stål	1	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0				
<i>Mamurius mopsus</i> Stål	1	0	0	1	-	1	0	1	0	0	0	1	1	1	0	0				
<i>Madura fuscoclavata</i> Stål	2	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0				
<i>Hirilcus gracillis</i> (Burmeister)	0	0	1	1	-	1	0	1	0	0	1	0	1	0	0	0				
<i>Meropachys affinis</i> (Dallas)	0	0	1	1	-	1	1	1	0	0	1	0	1	0	0	0				
<i>Vilga (Laevivilga) sanctipauli</i> Dolling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

Fig. S2. Cladogram resulting of the analysis without Mictini and *Molchina* spp., respectively, to test occurrence of long-branch attraction bias. A – Strict consensus cladogram for Spartocerini under equal weighting (EW) without Mictini. B – Consensus cladogram for Spartocerini under implied weighting (IW) resulting from the seventh (15.767) K value, without Mictini. C – Strict consensus cladogram for Spartocerini under equal weighting (EW) without *Molchina* spp. D – Consensus cladogram for Spartocerini under implied weighting (IW) resulting from the second (5.953) K value, without *Molchina* spp. Type species are indicated by a *; subfamilies and tribes in the color legend.







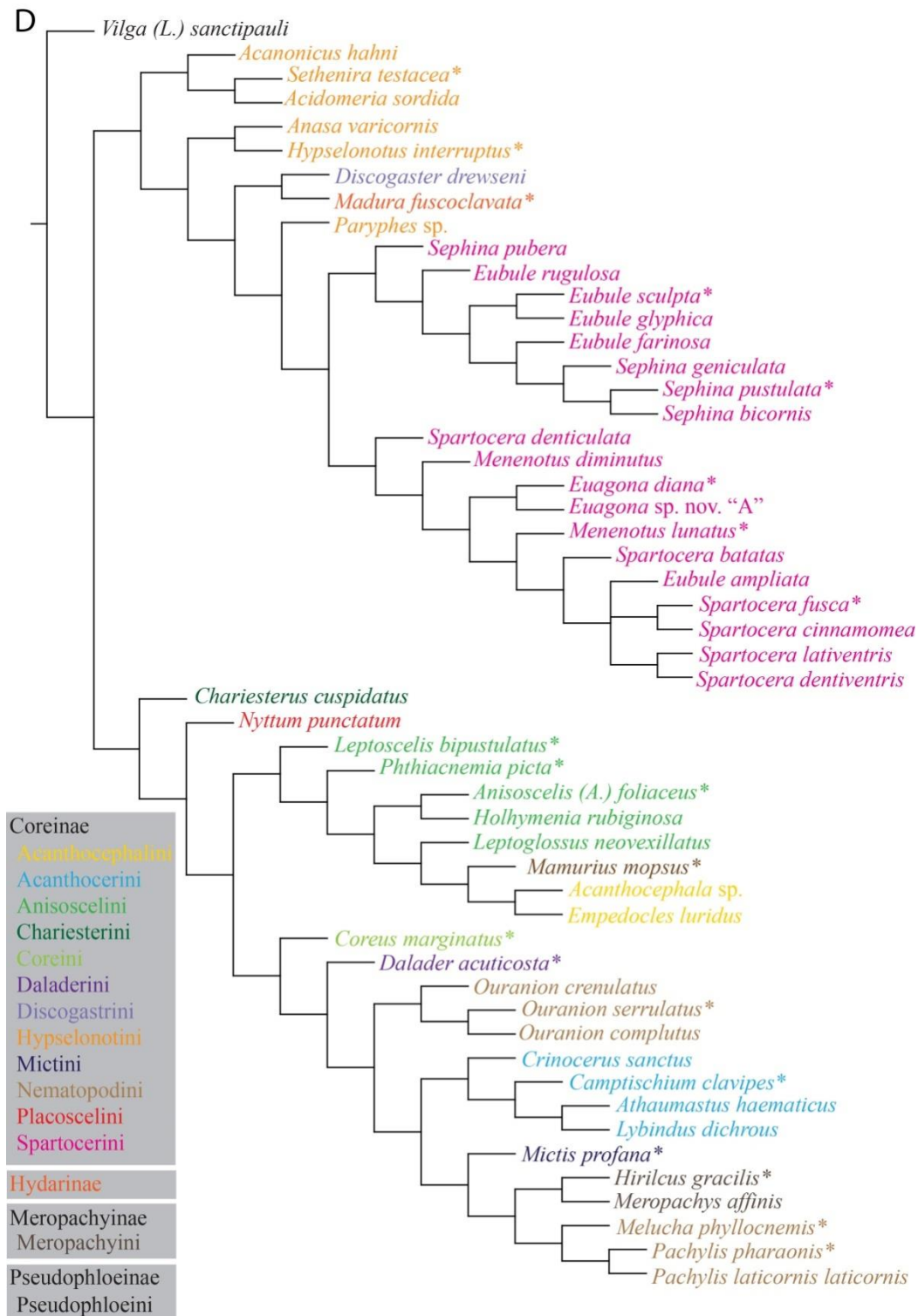


Fig. S3. Cladogram resulting of the analysis without character 67 (Sterna III and IV, male, tubercles: absent (0); present (1)). A – Equal weighting (EW). B – Implied weighting (IW) resulting from the sixth (13.079) K value. Type species are indicated by a *; subfamilies and tribes in the color legend.

