

Supplementary material for:

**New Cretaceous lacewings in a transitional lineage of Myrmeleontoidea and their phylogenetic implications**

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**Contents**

**Table S1. Checklist of Babinskaiidae and Cratosmylidae.**

**Note S1. Morphological character matrix used in the phylogenetic analysis.**

**Table S2. List of characters coded for the phylogenetic analysis.**

**Table S1. Checklist of Babinskaiidae and Cratosmylidae.**

Family Babinskaiidae Martins-Neto & Vulcano, 1989				
No.	Species	Age	Locality	
1	<i>Baisonelia vitimica</i> Ponomarenko, 1992	Lower Cretaceous, Barremian	Zaza Formation, Russia	
2	<i>Babinskaia formosa</i> Martins-Neto & Vulcano, 1989	Lower Cretaceous, Upper Aptian	Crato Formation, Brazil	
3	<i>Babinskaia pulchra</i> Martins-Neto & Vulcano, 1989	Lower Cretaceous, Upper Aptian	Crato Formation, Brazil	
4	<i>Neliana maculata</i> (Martins-Neto & Vulcano, 1989)	Lower Cretaceous, Upper Aptian	Crato Formation, Brazil	
5	<i>Neliana impolluta</i> Martins-Neto, 1997	Lower Cretaceous, Upper Aptian	Crato Formation, Brazil	
6	<i>Parababinskaia elegans</i> Makarkin, Heads &	Lower Cretaceous, Upper Aptian	Crato Formation, Brazil	

	Wedmann, 2017		
7	<i>Burmobabinskaia tenuis</i> Lu, Zhang & Liu, 2017	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
8	<i>Calobabinskaia xiai</i> Lu, Wang & Liu, 2021	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
9	<i>Electrobabinskaia burmana</i> Lu, Zhang & Liu, 2017	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
10	<i>Gigantobabinskaia godunkoi</i> Makarkin & Staniczek, 2019	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
11	<i>Stenobabinskaia punctata</i> Lu, Wang & Liu, 2021	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
12	<i>Parababinskaia makarkini</i> Hu et al., 2018	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
13	<i>Parababinskaia douteauvi</i> Ngô-Muller et al., 2020	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
14	<i>Pseudobabinskaia martinsnetoi</i> (Lu, Zhang & Liu, 2017)	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
15	<i>Pseudoneliana makarkini</i> Huang, André & Dany, 2019	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
16	<i>Xiaobabinskaia lepidotricha</i> Lu, Wang & Liu, 2021	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
17	<i>Paraneliana sennlaubi</i> Jouault & Nel, 2021	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar
18	<i>Paradoxoleon chenruii</i> gen. et sp. nov.	mid-Cretaceous, Cenomanian	Tanai, Myitkyina, Kachin, Myanmar

Family Cratosmyliidae Makarkin, Heads & Wedmann, 2017			
No.	Species	Age	Locality
1	<i>Araripenymphes seldeni</i> Menon, Martins-Neto & Martill, 2005	Lower Cretaceous, Upper Aptian	Crato Formation, Brazil
2	<i>Cratosmylus magnificus</i> Myskowiak, Escuillié & Nel, 2015	Lower Cretaceous, Upper Aptian	Crato Formation, Brazil
3	<i>Araripenymphes burmanus</i> sp. nov.	mid-Cretaceous, Lowest Cenomanian	Tanai, Myitkyina, Kachin, Myanmar

**Note S1. List of characters coded for the phylogenetic analysis.**

1. Antenna: (0) filiform, not dilated distad ([39]: Fig. 10g5); (1) filiform, but slightly dilated distad ([39]: Fig. 10g1); (2) distinctly clubbed ([39]: Fig. 10g2).
2. Head with prolonged rostrum: (0) absent ([25]: Fig. 2b); (1) present ([40]: Figs. 1898–1899).
3. Prothorax: (0) not elongated anterior to procoxae ([41]: Figs. 13–20); (1) elongated anterior to procoxae ([14]: Fig. 3).
4. Trichosors: (0) present ([18]: Figs. 2, 5, 7); (1) largely reduced or absent ([18]: Fig. 10f).
5. Nygmata: (0) present; (1) absent ([18]: Fig. 10).
6. Forewing shape: (0) distally not strongly narrowed ([18]: Fig. 10a–e); (1) distally strongly narrowed ([18]: Fig. 10f).
7. Forewing: (0) 2.0 times as long as wide ([42]: Fig. 48); (1) slightly longer than wide ([41]: Figs. 13–20); (2) at least 3.0 times as long as wide ([18]: Fig. 10).
8. Crossveins: (0) normal ([18]: Fig. 10a–e); (2) dense ([18]: Fig. 10e).
9. Forewing costal space: (0) not strongly narrowed proximally ([18]: Fig. 10a–e); (1) strongly narrowed proximally ([18]: Fig. 10f).

10. Forewing costal crossveins on proximal part of costal space: (0) simple ([18]: Fig. 10); (2) forked ([42]: Fig. 48).
11. Forewing humeral veinlet: (0) simple ([18]: Fig. 10); (0) recurrent and branched ([42]: Fig. 48).
12. Forewing Sc and RA: (0) not fused distally ([42]: Fig. 48); (1) fused distally ([18]: Fig. 10); (2) allied together with RP into a triplica ([41]: Figs. 13–20).
13. Forewing ScP and RA terminating: (0) anteriad wing apex ([42]: Fig. 48); (1) at or posteriad wing apex ([18]: Fig. 10).
14. Forewing thyridiate crossveins: (0) absent ([18]: Fig. 10b–f); (1) present ([18]: Fig. 10a).
15. Forewing presectoral crossveins: (0) absent ([18]: Fig. 10a, e–f); (1) present, only one ([15]: Fig. 10); (2) present, more than 2 ([18]: Fig. 10b–d); (3) present, more than 10 ([18]: Figs. 2, 5).
16. Forewing RP+MA: (0) diverging almost from wing base ([18]: Fig. 10a, e); (1) diverging slightly distad wing base ([18]: Fig. 10b, d, f); (2) diverging from a position apparently distad wing base ([18]: Figs. 2, 5, 7, 10c).
17. Forewing prehypostigmal cell: (0) rectangular ([18]: Fig. 10a–e); (1) trapezoidal ([18]: Fig. 10f).
18. Forewing hypostigmal cell: (0) short ([18]: Fig. 10a–b, e); (1) long ([18]: Fig. 10c–d, f).
19. Forewing infra radial cell: (0) short ([18]: Fig. 10); (1) long ([15]: Fig. 2).
20. Forewing branching area of RP+MA: (0) without longitudinally directed outer gradate series of crossveins ([18]: Fig. 10a–d, f); (1) with longitudinally directed outer gradate series of crossveins ([18]: Fig. 10e; 15: Fig. 2).
21. Forewing crossvein of branching area of RP+MA: (0) present throughout this region ([18]: Fig. 10a, d, e–f); (1) absent on distal half of this region ([18]: Fig. 10b); (2). slightly reduced ([18]: Fig. 10c)

22. Forewing with distance between diverging points respectively of MA and RP1: (0) as long as distance between diverging points respectively of RP1 and RP2 ([18]: Fig. 10); (1) at least twice as long as distance between diverging points respectively of RP1 and RP2 ([18]: Figs. 2, 5; [15]: Fig. 2).
23. Forewing MA: (0) dichotomously branched or simple ([18]: Fig. 10a–e); (1) pectinately branched ([18]: Fig. 10f).
24. Forewing MP: (0) deeply forked ([18]: Fig. 10a–b); (1) shallowly forked ([23]: Fig. 8); (2) single ([18]: Fig. 10c–f).
25. Forewing MP1 terminating: (0) far from wing apex ([18]: Fig. 7); (1) near wing apex ([18]: Figs. 2, 5).
26. Forewing single MP branches: (0) dichotomously branched or simple ([18]: Fig. 10d–f); (1) pectinate ([18]: Fig. 10c).
27. Forewing with base of MP2 (oblique vein): (0) absent ([18]: Fig. 10c); (1) present ([18]: Fig. 10d–e; [15]: Fig. 2).
28. Forewing, number of CuA branches: (0) 1–4 ([18]: Fig. 10a); (1) 5–9 ([18]: Fig. 10d); (2) at least 10 ([18]: Fig. 10b–c, e–f). Considering the boundary between CuA and CuP is controversial, the boundary of CuA and CuP in Babinskaiidae follows that in Hu et al (see [24]: Fig. 3A).
29. Forewing CuA branched: (0) at distal 1/3 ([18]: Fig. 10a); (1) near or proximad midpoint ([18]: Fig. 10b–f).
30. Forewing MP2+CuA branching area: (0) not triangular ([18]: Fig. 10a–c); (1) subtriangular ([18]: Fig. 10d–f).
31. Forewing CuA: (0) not forked ([18]: Fig. 10a–c); (1) forked ([18]: Figs. 2, 5, 10d–f).
32. Forewing CuA2: (0) longer than CuA1 branches ([18]: Fig. 10d, f); (1) shorter than CuA1 branches ([18]: Fig. 10e).

- 33. Forewing CuA2: (0) bifurcated ([18]: Fig. 10d, f); (1) with 3-4 pectinate branches ([35]: Fig. 13); (2) with 6 pectinate branches ([18]: Fig. 10e).
- 34. Forewing MP1 and MP2+CuA: (0) not closely spaced ([18]: Fig. 10c, e); (1) closely spaced ([18]: Fig. 10d, f).
- 35. Forewing CuA2 origin: (0) distad origin of RP+MA ([18]: Fig. 10d-f); (1) proximad origin of RP+MA ([15]: Fig. 2).
- 36. Forewing CuP: (0) short ([18]: Fig. 10b, e); (1) long, terminating near proximal 1/3 of hind margin ([18]: Fig. 10a, c); (2) long, terminating anteriad midpoint of hind margin ([18]: Fig. 10d, f); (3) extremely long, terminating posteriad midpoint of hind margin ([18]: Figs. 2, 5).
- 37. Forewing CuP: (0) straight ([18]: Fig. 10a-b, d-f); (1) zigzagged ([18]: Figs. 8, 10c).
- 38. Forewing CuP: (0) not fused with A1 distally ([18]: Fig. 10); (1) fused with A1 distally ([18]: Figs. 2, 5, 7).
- 39. Forewing A1: (0) shallowly bifurcated ([18]: Fig. 10a, d, f); (1) deeply bifurcated ([42]: Fig. 48); (2) pectinate ([5]: Fig. 109); (3) simple ([18]: Fig. 10c).
- 40. Hind wing: (0) not strongly tapering distad ([18]: Fig. 10a, b); (1) strongly tapering distad ([18]: Fig. 10c, f).
- 41. Hind wing: (0) not narrowed ([18]: Fig. 10a, b); (1) slightly narrowed ([15]: Fig. 7); (2) strongly narrowed ([43]: Fig. 1).
- 42. Hind wing: (0) not elongated, shorter than forewing ([18]: Fig. 10a-c, f); (1) slightly elongated, slightly longer than forewing ([15]: Fig. 7); (2) strongly elongated, apparently longer than forewing ([43]: Fig. 1).
- 43. Hind wing costal space: (0) narrower than forewing costal space ([18]: Fig. 10a-c); (1) wider than forewing costal space ([18]: Fig. 10f; [15]: Fig. 2).
- 44. Hind wing costal margin: (0) straight ([18]: Fig. 10a-c); (1) arched ([18]: Fig. 10f).

45. Hind wing RP+MA: (0) diverging almost from wing base ([18]: Fig. 10a); (1) diverging from a position slightly distad wing base ([15]: Fig. 2); (2) diverging from a position near midpoint of wing ([18]: Fig. 10c, f).
46. Hind wing presectorial crossveins: (0) absent ([18]: Fig. 10a); (1) present, only one ([15]: Fig. 10); (2) present, more than 2 ([18]: Fig. 10b–c, f).
47. Hind wing with stem of MA: (0) sigmoid ([42]: Fig. 48); (1) straight or reduced ([18]: Fig. 10a–c, f).
48. Hind wing A2 and A3: (0) preserved ([18]: Fig. 10a); (1) reduced ([18]: Fig. 10c).
49. Tibial spur: (0) small or reduced ([18]: Fig. 1g); (1) long and stout ([15]: Fig. 11).
50. Foreleg arolium: (0) simple ([24]: Fig. 1d); (1) bilobed ([18]: Fig. 1f).
51. Male gonocoxites 9: (0) present as a pair of large external sclerites ([44]: Fig. 3d); (1) present as a pair of relatively small and internal sclerites ([25]: Fig. 2g).
52. Male gonocoxites 9 and gonocoxites 11: (0) not associated tightly into a complex structure ([31]: Figs. 88–89); (1) associated tightly into a complex structure ([31]: Figs. 94–96).
53. Female trichobothria: (0) rosette ([25]: Fig. 4); (1) absent ([15]: Fig. 3).
54. Female sternum 6: (0) posteriorly without elongated processes ([24]: Fig. 7c); (1) posteriorly with elongated processes ([24]: Fig. 7a–b).

**Table S2. Morphological character matrix used in the phylogenetic analysis.**

No.	Taxon	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1	<i>Gumilla</i>	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0
2	<i>Ithone</i>	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0
3	<i>Balmes</i>	0	0	0	0	0	0	1	0	0	1	1	2	0	0	0	0	0	1	0	0	2	0	0	0	0	-	0
4	<i>Nesydrion</i>	0	0	1	0	1	0	2	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	-	0
5	<i>Nymphes</i>	0	0	1	0	1	0	2	0	0	0	0	1	1	0	0	0	0	1	0	0	0	1	0	0&1	0	-	0
6	<i>Norfolius</i>	0	0	1	0	1	0	2	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	-	0
7	<i>Osmylops</i>	0	0	1	0	1	0	2	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	-	0
8	<i>Liminymppha</i>	0	?	1	0	1	0	2	0	0	0	1	1	1	?	0	0	0	1	0	0	0	0	0	0	0	-	0
9	<i>Cratosmylus</i>	?	?	0	0	1	0	0	0	0	0	0	1	1	0	2	1	0	0	0	0	1	0	?	0	0	-	0
10	<i>Araripenymphaes</i>	?	?	0	0	1	0	2	0	0	0	0	1	1	0	2	1	0	?	0	0	1	0	0	0	0	-	0
11	<i>Paradoxoleon</i>	0	0	0	0	1	0	2	0	0	?	0	1	1	0	2	2	0	1	0	0	2	0	0	0	0	-	0
12	<i>Neliania</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	2	2	0	1	0	0	2	0	0	1&2	0	1	0
13	<i>Paraneliana</i>	?	0	0	?	1	0	2	0	0	0	0	1	?	0	2	2	0	1	0	0	2	0	0	2	0	1	0
14	<i>Parababinskaia</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	2	2	0	1	0	0	2	0	0	2	1	1	0
15	<i>Babinskaia</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	2	2	0	1	0	0	2	0	0	2	0	1	0

16	<i>Burmobabinskaia</i>	0	0	0	0	1	?	?	0	0	0	0	?	?	0	2	2	0	?	0	0	2	0	0	2	1	1	0	
17	<i>Electrobabinskaia</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	2	2	0	1	0	0	2	0	0	2	0	1	0	
18	<i>Pseudobabinskaia</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	2	2	0	1	0	0	2	0	0	2	1	1	0	
19	<i>Gigantobabinskaia</i>	0	?	0	0	1	?	?	0	0	1	0	?	?	0	2	2	?	?	?	?	?	0	?	2	?	1	0	
20	<i>Calobabinskaia</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	3	2	1	1	0	0	2	1	0	2	1	1	0	
21	<i>Stenobabinskaia</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	3	2	1	1	0	0	1	1	0	2	1	1	0	
22	<i>Xiaobabinskaia</i>	0	0	0	0	1	0	2	0	0	0	0	1	1	0	2	2	0	1	0	0	1	0	0	2	0	1	0	
23	<i>Roesleriana</i>	1	1	0	1	1	0	2	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0	2	0	0	1		
24	<i>Pastranaia</i>	0	1	0	1	1	0	2	0	0	0	0	1	1	0	2	1	0	1	0	0	0	0	2	0	0	1		
25	<i>Choromyrmeleon</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	0	1	1	0	0	0	0	2	0	0	1	
26	<i>Caririneura</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	2	0	0	0	
27	<i>Cratoneura</i>	2	0	0	1	1	1	2	0	1	0	0	1	1	0	0	1	1	1	1	1	0	1	1	2	0	0	0	
28	<i>Cratopteryx</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	2	0	0	1	
29	<i>Paracaririneura</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	1	2	0	0	0
30	<i>Arariipeneura</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	1	2	0	0	0
31	<i>Caldasia</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	1	2	0	0	0
32	<i>Cratoalloneura</i>	2	0	0	1	1	1	2	0	1	0	0	1	1	0	0	1	1	1	1	0	0	1	1	2	0	0	1	

33	<i>Allopteronura</i>	2	0	0	1	1	1	2	0	1	0	0	1	?	0	0	1	1	1	1	1	0	1	1	2	0	0	1	
34	<i>Phylloleon</i>	2	0	0	1	1	1	2	0	1	0	0	1	1	0	0	1	1	1	0	0	0	1	2	0	0	1		
35	<i>Burmaneura</i>	2	0	0	1	1	1	?	2	0	0	0	0	?	?	0	0	1	?	?	?	?	0	?	?	2	0	?	0
36	<i>Nanoleon</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	1	1	0	1	0	0	0	0	2	0	0	0		
37	<i>Bleyeria</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	2	0	0	1	
38	<i>Blittersdorffia</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	0	1	0	1	0	0	0	1	0	2	0	0	1	
39	<i>Pseudonymphes</i>	2	0	0	0	1	0	2	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0&2	0	0	1	
40	<i>Palpalares</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	2	1	0	1	0	0	0	0	0	2	0	0	1	
41	<i>Stilopteryx</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	2	1	0	1	0	0	0	0	0	2	0	0	1	
42	<i>Myrmeleon</i>	2	0	0	1	1	0	2	0	0	0	0	1	1	0	2	1	0	1	0	0	0	0	0	2	0	0	1	
43	<i>Guyiling</i>	1	0	0	1	1	0	?	1	0	0	0	1	?	0	0	0	0	?	0	1	0	1	?	2	0	0	1	
44	<i>Baisopardus</i>	0	0	0	1	1	0	2	1	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	2	0	0	1	
45	<i>Parapalaeoleon</i>	0	0	0	1	1	0	2	1	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	2	0	0	1	
46	<i>Paraneurastenyx</i>	?	?	0	1	1	0	2	0	0	0	0	1	1	0	0	0	0	0	1	0	0	?	2	0	0	1		

No.	Taxon	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
1	<i>Gumilla</i>	0	0	0	1	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
2	<i>Ithone</i>	1	1	1	0	0	3	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
3	<i>Balmes</i>	1	0	0	0	1	3	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
4	<i>Nesydrion</i>	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	1	0	0	1	1	0	0	0	
5	<i>Nymphes</i>	1	1	1	0	1	3	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	
6	<i>Norfolius</i>	0	0	0	0	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	0	0	1	1	0	0	
7	<i>Osmylops</i>	0	0	0	0	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	0	0	1	1	0	0	
8	<i>Liminymppha</i>	1	0	0	0	1	0	0	0	2	1	0	2	0	0	0	0	0	0	0	1	?	?	?	?	?	?	
9	<i>Cratosmylus</i>	?	1	0	?	?	?	0	0	1	?	1	-	0	0	0	0	1	2	1	1	?	?	?	?	?	?	
10	<i>Araripenympthes</i>	2	1	0	0	1	?	0	1	0	0	0	3	0	0	0	0	0	1	2	1	?	?	?	?	?	?	
11	<i>Paradoxoleon</i>	0	0	0	0	1	3	0	0	2	1	1	3	0	0	0	0	0	2	2	1	1	0	0	?	?	?	
12	<i>Neliana</i>	1&2	1	0	0	1	3	0	1	1	1	0	0	0	0	0	0	0	2	2	1	1	0	?	?	?	?	
13	<i>Paraneliana</i>	1	1	0	0	1	3	0	1	1	1	0	0	0	0	0	0	2	2	1	?	?	?	?	?	?		
14	<i>Parababinskaia</i>	1&2	1	0	0	1	3	0	0	1	1	0	0	0	0	0	0	0	2	2	1	1	0	0	1	?	0	
15	<i>Babinskaia</i>	1	1	0	0	1	3	0	1	1	1	0	0	0	0	0	0	0	2	2	1	1	0	?	?	?	?	
16	<i>Burmobabinskaia</i>	?	1	0	0	1	3	0	1	1	1	0	3	?	2	?	0	0	2	2	1	1	0	0	1	?	?	

17	<i>Electrobabinskaia</i>	2	1	0	0	1	3	0	1	1	1	0	3	1	0	0	0	0	2	2	1	1	0	0	1	?	0	1
18	<i>Pseudobabinskaia</i>	1	1	0	0	1	3	0	1	1	1	0	3	0	0	0	0	0	2	2	1	1	0	0	?	?	0	1
19	<i>Gigantobabinskaia</i>	?	1	?	0	1	3	0	1	1	1	0	3	1	0	0	0	0	2	2	1	1	0	0	?	?	?	?
20	<i>Calobabinskaia</i>	1	1	0	1	0	0	0	0	3	0	1	-	0	0	0	0	0	2	2	1	?	0	1	?	?	?	?
21	<i>Stenobabinskaia</i>	2	1	0	1	0	0	0	0	3	0	1	-	0	0	0	0	0	2	2	1	1	0	?	1	?	?	?
22	<i>Xiaobabinskaia</i>	2	1	0	0	1	3	0	0	1	1	1	-	1	0	0	0	0	2	2	1	1	0	0	?	?	?	0
23	<i>Roesleriana</i>	2	1	1	0	0	3	1	0	1	0	?	?	-	2	2	0	0	0	0	1	-	0	0	1	0	0	0
24	<i>Pastranaia</i>	1	1	1	1	0	0	1	0	1	0	0	0	-	2	2	0	0	0	0	1	-	0	0	1	0	0	0
25	<i>Choromyrmecleon</i>	1	1	1	1	1	0	0	0	1	0	0	3	0	0	0	0	0	1	0	1	?	?	?	?	?	?	?
26	<i>Caririneura</i>	1	1	1	1	0	0	1	1	1	0	0	2	1	1	0	0	0	2	2	1	?	?	?	?	?	?	?
27	<i>Cratoneura</i>	2	1	1	0	0	3	1	1	1	0	?	?	1	0	0	1	1	1	0	1	?	?	?	?	?	?	?
28	<i>Cratopteryx</i>	1	1	1	1	0	0	1	0	1	0	?	?	1	0	0	0	0	1	0	1	?	?	?	?	?	?	?
29	<i>Paracaririneura</i>	1	1	1	1	0	0	1	0	1	0	0	3	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
30	<i>Araripeneura</i>	1	1	1	1	0	0	1	1	1	0	0	3	1	0	0	0	0	1	0	1	?	?	?	?	?	?	?
31	<i>Caldasia</i>	?	?	?	?	?	?	1	1	?	?	?	?	1	0	0	1	1	?	?	?	?	?	?	?	?	?	?
32	<i>Cratoalloneura</i>	1	1	1	1	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	1	?	?	?	?	?	?	?
33	<i>Allopteronoeura</i>	2	1	1	1	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	1	?	1	0	?	?	?	?

