



			96 [no Zyga:Cyc l or Zyga:Epi p]				95 [no Zyga:Cyc l or Zyga:Epi p]		
46	Zyga + Sesi + Coss	2		32	41	x			
	Sesi + Coss	x	x	x	x	x	x		
	Schr + Grac:Doug	42	[no Grac:Do ug]	[no Grac:Do ug]	[no Grac:Do ug]	x	[no Grac:Do ug]		
	Ditrysia - (Chor, Urod, Ypon, Grac, Tine)	x		x	x				
16	Ditrysia - (Urod, Ypon, Grac, Tine)	x		x	x				
15	Ditrysia - (Ypon, Grac, Tine)	98		99	99				
	Ypon + Grac	97		99	99				
	Tine	97		100	62				
14	Ditrysia - Tine (= DnT)	100		99	100				
	Tine:Tine (no Eudarcia) + Tine:Acro	100		100	100				
13	DnT + Tine:Tine (no Eudarcia) + Tine:Acro	x		x	x				
	Tine:Eriocot	100		100	[1 taxon]				
	Tine:Eriocot + Tine:Eudarcia	98		99	[no Tine:Eud arcia]				
12	DnT + Tine:Tine (no Eudarcia) + Tine:Acro + Tine:Eriocot	x		x	x				
11	Tine:Psyc + Tine:Arrh + Tine:Eriocot + Tine:Eudarcia	53		61	95 [no Tine:Eud arcia]				
	Tine:Psyc + Tine:Arrh	100		100	100				
	DnT + Tine - Tine:Eudarcia	x		x	[no Tine:Eud arcia]				
10	Ditrysia	100		100	100				
9	Ditrysia + Pala:Palaeophatus	97		95	95				
	Tisc + Pala (no Palaeophatus)	100		99	97				
8	Ditrysia + Tisc + Pala	99		97	100				
33	Adel	100		100	100				
32	Adel + Ande	79		83	90				
7	Ditrysia + Tisc + Pala + Adel + Ande (= EULEP)	100		100	100				
	Nept	100		100	100				
6	EULEP + Nept	97		100	100				
	Acan + Neop	x		[no Neop]	[no Neop]				
	Acan + Neop + Erio	x		88 [no Neop]	70 [no Neop]				
	EULEP + Nept + Acan + Neop + Erio	x		88 [no Neop]	49 [no Neop]				
28	Hepi + Mnes	100		100	100				
27	Hepi + Mnes + Loph	80		100	[no Loph]				
4	EULEP + Nept + Acan + Neop + Hepi + Mnes + Loph	x		x	x				
	Erio	100		100	100				
3	EULEP+ Nept + Acan + Neop + Hepi + Mnes + Loph + Erio (= GLOS)	92		99	100				

2	GLOS + Heterob	98		97	96				
	Microp	100		100	100				
	Agat + Microp	71		72	81				
1	Lepidoptera	100		100	100				

<sup>1</sup> Bootstrap results in PAUP\* are those shown under the "le = yes" option. "Node number" (column 1) refers to correspondingly numbered nodes in Figure 3. "Strong" bootstrap values, i.e.,  $\geq 80\%$ , are highlighted in yellow. "Moderate" bootstrap values, i.e., 70-79%, are highlighted in green. Bootstrap results for taxa highlighted in blue are also present in Table 5. x, Not present in bootstrap table under le option, so value  $< 50\%$ ; *ACroque*, Adams-consensus rogue; *RNRrogue*, RNR rogue; *heterog*, heterogeneous taxa -- see Figure C. *Bomb*, Bombycoidea; *Lasi*, Lasiocampidae; *Drep:Drep*, Drepanoidea:Drepanidae; *Geom:Sema*, Geometroidea:Sematuridae; *Drep:Epic*, Drepanoidea:Epicopeiidae; *Noct*, Noctuoidea; *Drep*, Drepanoidea; *Geom*, Geometroidea; *Mima*, Mimallonidae; *Cime*, Cimeliidae; *Geom:Geom*, Geometroidea:Geometridae; *Geom:Uran*, Geometroidea:Uraniidae; *MACRO*, Macroheterocera; *Doa*, Noctuoidea: *Doa* sp.; *Pyra*, Pyraloidea; *Hybl*, Hyblaeidae; *Gele*, Gelechioidea; *Copr*, Copromorpha; *Eper*, Epermeniidae; *Thyr*, Thyrididae; *Call*, Callidulidae; "*butterflies*", Nymphalidae + Lycaenidae + Pieridae + Hedyliidae + Hesperidae + Papilionidae; *Pter*, Pterophoridae; *Aluc*, Alucitidae; *Gele*, Gelechioidea; OBTECT, Obtectomera; *Copromorpha*, *Copromorpha* sp.; *Tort*, Tortricidae; *Immo*, Immoidea; *Zyga*, Zygaenoidea; *Sesi*, Sesiidae; *Coss*, Cossoidea; *Zyga:Cycl*, Zygaenoidea:Cyclotornidae; *Zyga:Epip*, Zygaenoidea:Epipyropidae; *Zyga sensu stricto*, Zygaenoidea - (*Zyga:Cycl*, *Zyga:Epip*); *Schr*, Schreckensteiniidae; *Grac:Doug*, Gracillarioidea:Douglasiidae; *Ditrysia*, Ditrysia (as defined in Figure S1); *Urod*, Urodidae; *Ypon*, Yponomeutoidea; *Grac*, Gracillarioidea; *Tine*, Tineoidea; *Tine:Tine*, Tineoidea:Tineidae; *Tine:Acro*, Tineoidea:Acrolophidae; *Tine:Eriocot*, Tineoidea:Eriocottidae; *DnT*, "Ditrysia no Tineoidea"; *Tine:Eudarcia*, Tineoidea:*Eudarcia* sp.; *Tine:Psyc*, Tineoidea:Psychidae; APODIT, Apoditrysia; *Adel*, Adeloidea; *Ande*, Andesianidae; *Eulep*, Eulepidoptera; *Acan*, Acanthopteroctetidae; *Neop*, Neopseustidae; *Erio*, Eriocraniidae; *Tisc*, Tischeriidae; *Pala*, Palaephatidae; *Pala:Palaephatus*, Palaephatidae:*Palaephatus luteolus*; *Erio*, Eriocraniidae; *Hepi*, Hepialidae; *Mnes*, Mnesarchaeidae; *Loph*, Lophocoronidae; *Nept*, Nepticuloidea; *Agat*, Agathiphagidae; *GLOS*, Glossata; *Heterob*, Heterobathmiidae; *Micr*, Micropterigidae. *Lepidoptera*, Lepidoptera.