

Supplementary Table S1. Measurements of holotype and paratype of *Balticobaetisca bispinata* sp. nov. (Eocene Baltic amber).

Characters of male subimago	Holotype SMNS coll. SMNS BaB 1373/1 (mm)	Paratype SMF coll. SMF Be 411 (mm)
Length of body	7.50	6.80
Length of right foreleg	4.10	3.18
Length of femur	1.50	1.14
Length of tibia	0.96	0.70
Length of tarsus	1.64	1.34
Segment I	0.56	0.42
Segment II	0.30	0.28
Segment III	0.28	0.22
Segment IV	0.22	0.18
Segment V	0.28	0.24
Length of left foreleg	4.04	3.21
Length of femur	1.45	1.10
Length of tibia	0.95	0.72
Length of tarsus	1.64	1.39
Segment I	0.55	0.42
Segment II	0.30	0.29
Segment III	0.28	0.24
Segment IV	0.21	0.20
Segment V	0.30	0.24
Length of right middle leg	3.02*	2.42*
Length of femur	1.38	1.08*
Length of tibia	0.45*	0.48
Length of tarsus	1.19	0.86
Segment I	0.40	0.32
Segment II	0.20	0.22
Segment III	0.16	0.12
Segment IV	0.20	0.12
Segment V	0.23	0.08
Length of left middle leg	3.13	2.46
Length of femur	1.38	1.10
Length of tibia	0.55	0.48
Length of tarsus	1.20	0.88
Segment I	0.43	0.30
Segment II	0.19	0.24
Segment III	0.16	0.14
Segment IV	0.19	0.12
Segment V	0.23	0.08
Length of right hind leg	3.44	2.15*
Length of femur	1.50	0.90*
Length of tibia	0.65	0.45
Length of tarsus	1.29	0.80
Segment I	0.43	0.20
Segment II	0.25	0.14
Segment III	0.21	0.16
Segment IV	0.15	0.14
Segment V	0.25	0.16
Length of left hind leg	3.46	2.25*
Length of femur	1.50	0.92*
Length of tibia	0.64	0.46
Length of tarsus	1.32	0.87
Segment I	0.43	0.23
Segment II	0.26	0.15
Segment III	0.23	0.16
Segment IV	0.16	0.15
Segment V	0.24	0.18
Length of right forewing	10.40	8.30
Length of left forewing	10.50	6.20*
Length of right hind wing	2.75	2.30
Length of left hind wing	2.75	2.40
Hind/Fore wings length ratio	0.26	0.28
Length of cerci [right/left]	3.25/3.50	1.20/1.20