	Chthoniidae	Tridenchthoniidae	Lechytiidae	Feaellidae	Pseuodgarypidae	ldeoroncidae	Bochicidae	Hyidae	Gymnobisiidae	Neobisiidae	Syarinidae	Parahyidae	Garypidae	Larcidae	Cheriridiidae	Pseudochiridiidae	Geogarypidae	Olpiidae	Menthidae	Sternophoridae	Withiidae	Cheliferidae	Chernetidae	Atemidae	Condition	Consistency Index	
Pedipalps: normal; raptorial	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Median maxillary lyrifissure: present; absent	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Median maxillary lyrifissure: circular/u-shaped; straight	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00	
Median maxillary lyrifissue: submedial or subdistal; subbasal	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Posterior maxillar lyrifissure: absent; present	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	S	1.00	
Intermaxillary jugum: short, thick; long, slender	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00	
Pharyngeal pump, dorsal keel: normal; enlarged	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00	
Coxal Shoulder: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	Н	0.50	
Coxal apex, setae: 2; 3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Coxal apex: triangular; rounded	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Femur, trichobothria: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	S	1.00	
Femur, 3 (or 2) stout setae: absent; present	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Femur, sub-basal tubercle: absent; present	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Venom apparatus, fixed finger: absent; present	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	SR	0.33	
Venom apparatus, moveable finger: absent; present	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	SR	0.25	
Venom duct(s): medium length; short	-	-	-	-	-	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	Н	0.50	
Nodus ramosus: normal; inflated	-	-	-	-	-	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	Н	0.50	
Movable chelal finger: seta absent; seta present	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Inwardly directed teeth: absent; present	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Accessory chelal teeth: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	Α	1.00	
Trichobothrium xs: absent; present	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00	
Trichobothrium eb and esb: on finger; on hand	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Trichobothrium eb: extbasal; interno-distal	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Trichobothrium isb: internal; external	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	-	0	0	0	0	SR	0.33	
Trichobothrium ist: sub-basal; subdistal	0	0	0	0	1	0	1	0	0	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	Н	0.20	
Trichobothria ib and isb: lateral; dorsal	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00	
Trichobothrium ib: on fingers; on hand	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Н	0.50	
Trichobothria, movable finger: t,b,st,sb; t,st,b,sb	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Н	0.28	
Trichobothia, movable finger: t, st; st, t	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Trichobothrial number 15 or fewer; >30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Trichobothrial number, fixed finger: 8 or fewer; 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	Α	1.00	
Trichobothrium t: acuminate; lanceolate	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00	
Pit-like structures: absent, present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	Α	1.00	
Velum: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	S	1.00	
Lamina exterior: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	S	1.00	
Movab;e cheliceral finger teeth: numerous; few	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	Н	0.50	
Seta gs: medial; distal	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	Н	0.50	
Flagellar areole: linear; elliptical	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00	
Flagellum, No. of blades: 6 or more; 2-4	0	0	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	Н	0.25	
Flagellum, No. of blades: 2 or more; 1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	Н	0.50	

Flagellum, spinules: present; absent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	Α	1.00
Flagellum, penultimate blade: straight; curved, recumbent	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Serrula exterior: free; partially fused; fused	0	0	0	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	S	0.50
Cheliceral hand: smooth; sculptured	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Fixed finger teeth: several; none	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Galea: 0-1; several	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	A	1.00
Anterior lobes: absent; present	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Median anterior lobes: 1; 2-4	-	-	-	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	1.00
Anterior margin: straight or convex; sinuate	0	0	0	_	-	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	S	1.00
Anterior margin: straight; serrate	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Carapace shape: rectangular; triangular	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	S	1.00
Ocular tuberle: absent; present	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	Н	0.33
Eye position: nr anterior margin; removed	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	-	0	0	0	0	Н	0.50
Metazone: not depressed; depressed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	A	1.00
Carapacal alae: absent; present	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	A	1.00
Carapacal posterior margin: straightl; v-shaped	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	Α	1.00
Carapace/abdomen articulation: absent; present	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Eyes, maximum number: 4; 2; 0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	2	1	1	1	1	Н	0.40
Coxal spines: absent; present	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SR	0.50
Intercoxal tubercle: absent; present	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Intercoxal tubercle: absent, present Intercoxal tubercle: monosetae; bisetose	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	A	1.00
Coxa I protuberance: absent; present	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Pseudosternum: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	э А	1.00
• •	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	A	1.00
Coxal articulation: absent; present	-				0		0										0	-								
Coxa IV posteriorly expanded: absent; present	0	0	0	0	-	0	-	0	0	0	0	0	0	0	0	1	_	0	0	0	0	0	0	0	A	1.00
Coxal width: I=IV; I <iv< td=""><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td><td>0</td><td>Н</td><td>0.50</td></iv<>	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0		0	0	0	Н	0.50
Coxal width, male: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	A	1.00
Femur I and II, slit sensillum: present; absent	0	0	0	1	1	0	?	0	?	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Femur I and II, slit sensillum: sub-basal; subdistal	0	0	0	-	-	1	?	1	?	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	S	1.00
Femur I and II, slit sensillum: perpendicular; longitudianl	0	0	0	-	-	0	?	0	?	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Femur I and II, slit sensilla, group of 3: absent; present	0	0	0	-	-	0	?	1	?	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Femur I and II, slit sensilla, group of 3: sub-basal; subdistal	0	0	0	-	-	0	?	0	?	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Femur I and II, slit sensilla mound: absent; present	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Femur I and II, slit sensilla: straight; semi-circular	0	0	0	-	-	0	?	0	?	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	S	1.00
Femur I and II, slit sensilla: otherwise; circular	0	0	0	-	-	0	?	0	?	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Α	1.00
Femur/patella I and II: perpendicular; oblique	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	S	1.00
Femur/patella IV: oblique; perpendicular	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	HR	0.25
Femora/patellae: sparate; fused	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	Α	1.00
Femora/patellae I and II: femur long: patella long	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	S	0.50
Metatarsi/tarsi I and II: separate; fused	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	Н	0.33
Metatarsi/tarsi III and IV: sperate; fused	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	Н	0.33
Tarsi, raised slit sensillum: not raised: raised	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	Α	1.00
Subterminal tarsal seta: acuminate; dentate	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	Н	0.50
Claws on tarsus I, male: normal; modified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	Α	1.00
Arolium and claws: shorter; longer	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	SR	0.50
Arolium, extensions: absent; present	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00

Longitudinal setal row in atrium: absent; present	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Setal row in atrium: few; many	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	A	1.00
Male genitalia: normal; enlarged	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Male genitalia: otherwise; 'chernetid'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	Α	1.00
Ram's horn organs: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	Α	1.00
Median genital sac: 1; 2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Sperm mass of spermatophore: simple; complex	0	0	?	?	0	?	?	?	?	0	?	?	0	0	0	?	0	0	?	?	1	1	1	1	S	1.00
Stalk of spermatophore: simple; complex	1	1	?	?	0	?	?	?	?	0	?	?	0	0	0	?	0	0	?	?	0	0	0	0	S	1.00
Spermathecae: absent; present	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	S	1.00
Lateral apodeme: absent; present	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	Н	0.50
Lateral apodeme frame: absent; present	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Lateral apodeme frame sclerotisation: weak; strong	0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Α	1.00
Median cribiform plates: 1; 2 or more	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	S	1.00
Tergites: straight; chevron-shaped	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	Α	1.00
Tergite XI and sternite XI: separate; fused	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Pleural membrane: striate; granulate	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	SR	0.50
Pleural membrane: otherwise; pointed	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Pleural membrane: otherwise; papillae	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Pleural sclerites: absent; present	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Stigmatic helix of spiracle: present; absent	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	Н	0.50
Spiracular guard sclerite: absentl present	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Spiracles: transverse; oblique	0	1	0	0	0	1	0	1	?	0	1	0	0	1	0	0	1	1	1	0	1	1	1	1	Н	?
Spiracles near sternites IV and V: absent; present	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Spiracles fused to sternites: absent; present	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Anterior tracheae: thick; narrow	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Genital percula setae, male: accicular; bifurcate	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Setae on genital sternites: otherwise; posterior row	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	Α	1.00
Female operculae setae: normal; minute	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Posterior gential operculum, male: not cleft; cleft	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Sternites, sensory setae: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	Α	1.00
Sternite XI: sclerotised; desclerotised	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	Α	1.00
Sternite XI: lyrifissures: few; numerous	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	Α	1.00
Sternite XI; present; absent	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Α	1.00
Sternite XI, anus: not encolsing; enclosing	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	Н	0.50
Anal rim: not raised; raised	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	HR	0.33
Anal plates: not sclerotised; scleotised	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1.00
Shape: subrectangular; ovoid	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	Н	0.50
Pseuododerm: absent; present	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	S	1.00
Setea: straight; curved	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	S	1.00
Sperm transfer: solitary; mating dance	0	0	?	?	0	?	?	?	?	0	?	?	0	0	0	?	0	0	?	?	1	1	1	1	S	1.00